

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117430.D
 Acq On : 17 Oct 2019 19:13
 Operator : JU
 Sample : K5152-09MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MSD

Manual Integrations
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mohammad
 10/20/2019 8:11:52 PM

Quant Time: Oct 18 09:42:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	48885	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	194031	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	100334	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	172623	20.00	ng	0.00
76) Chrysene-d12	13.96	240	128624	20.00	ng	0.00
87) Perylene-d12	15.42	264	115323	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	445004	140.06	ng	0.02
7) Phenol-d6	6.45	99	603948	143.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	373876	97.67	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	141541	173.33	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	680684	98.91	ng	0.00
79) Terphenyl-d14	12.90	244	787500	99.81	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	51449	39.335	ng	# 84
3) Pyridine	3.43	79	117619	35.335	ng	98
4) n-Nitrosodimethylamine	3.32	42	56658	48.303	ng	92
6) Aniline	6.46	93	60830	11.551	ng	# 1
8) 2-Chlorophenol	6.59	128	161518	45.726	ng	93
9) Benzaldehyde	6.35	77	60216	25.776	ng	99
10) Phenol	6.46	94	222230	48.831	ng	81
11) bis(2-Chloroethyl)ether	6.53	93	157299	45.461	ng	97
12) 1,3-Dichlorobenzene	6.73	146	122784	31.083	ng	99
13) 1,4-Dichlorobenzene	6.81	146	129382	32.131	ng	99
14) 1,2-Dichlorobenzene	6.96	146	123956	32.591	ng	99
15) Benzyl Alcohol	6.95	79	152339	47.234	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	146927	40.440	ng	# 51
17) 2-Methylphenol	7.06	107	137085	46.488	ng	93
18) Hexachloroethane	7.30	117	46209	29.516	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	122707	45.653	ng	96
20) 3+4-Methylphenols	7.22	107	179485	47.271	ng	# 81
22) Acetophenone	7.20	105	239372	47.014	ng	# 94
24) Nitrobenzene	7.37	77	178875	46.651	ng	97
25) Isophorone	7.62	82	347289	50.932	ng	99
26) 2-Nitrophenol	7.69	139	86588	50.898	ng	93
27) 2,4-Dimethylphenol	7.73	122	147383	57.003	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	201712	47.719	ng	97
29) 2,4-Dichlorophenol	7.95	162	133810	50.157	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	114868	39.941	ng	99
31) Naphthalene	8.09	128	426402	44.004	ng	100
32) Benzoic acid	7.90	122	73334	42.765	ng	95
33) 4-Chloroaniline	8.16	127	33326	8.098	ng	96
34) Hexachlorobutadiene	8.21	225	58307	35.399	ng	97
35) Caprolactam	8.54	113	42510m	50.883	ng	
36) 4-Chloro-3-methylphenol	8.65	107	164220	54.097	ng	96
37) 2-Methylnaphthalene	8.79	142	306774	46.884	ng	97
38) 1-Methylnaphthalene	8.89	142	289872	47.019	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	120914	44.778	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	55373	109.813	nq	92
43) 2,4,6-Trichlorophenol	9.07	196	87725	51.334	nq	96
44) 2,4,5-Trichlorophenol	9.13	196	93798	53.810	nq	99
46) 1,1'-Biphenyl	9.25	154	386095	47.104	nq	97
47) 2-Chloronaphthalene	9.27	162	291634	45.642	nq	97
48) 2-Nitroaniline	9.38	65	100011	49.056	nq	94
49) Acenaphthylene	9.69	152	464245	49.561	nq	99
50) Dimethylphthalate	9.55	163	480889	66.736	nq	100
51) 2,6-Dinitrotoluene	9.62	165	81732	53.963	nq	94
52) Acenaphthene	9.86	154	281086	49.384	nq	99
53) 3-Nitroaniline	9.80	138	30309	16.387	nq	85
54) 2,4-Dinitrophenol	9.92	184	66769	101.574	nq	96
55) Dibenzofuran	10.03	168	425929	51.299	nq	99
56) 4-Nitrophenol	9.98	139	95330	112.056	nq	# 82
57) 2,4-Dinitrotoluene	10.03	165	111015	55.550	nq	91
58) Fluorene	10.38	166	355649	51.444	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	78413	58.189	nq	97
60) Diethylphthalate	10.25	149	387692	53.376	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	158735	51.860	nq	91
62) 4-Nitroaniline	10.42	138	84460	48.040	nq	96
63) Azobenzene	10.53	77	393045	52.738	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	49377	52.967	nq	93
66) n-Nitrosodiphenylamine	10.49	169	314288	48.737	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	90607	47.854	nq	97
68) Hexachlorobenzene	10.93	284	94804	46.624	nq	93
69) Atrazine	11.02	200	84562	80.868	nq	97
70) Pentachlorophenol	11.13	266	83675	137.551	nq	92
71) Phenanthrene	11.34	178	507263	49.710	nq	99
72) Anthracene	11.39	178	541213	51.377	nq	99
73) Carbazole	11.55	167	501296	52.388	nq	100
74) Di-n-butylphthalate	11.87	149	653989	50.473	nq	99
75) Fluoranthene	12.53	202	535271	52.752	nq	99
77) Benzidine	12.65	184	136342	42.859	nq	98
78) Pyrene	12.76	202	539222	47.427	nq	100
80) Butylbenzylphthalate	13.37	149	281985	49.322	nq	98
81) Benzo(a)anthracene	13.95	228	432348	48.989	nq	98
82) 3,3'-Dichlorobenzidine	13.91	252	54696	19.602	nq	100
83) Chrysene	13.99	228	432847	49.734	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	414149	51.377	nq	97
85) Di-n-octyl phthalate	14.53	149	663013	54.025	nq	100
86) Indeno(1,2,3-cd)pyrene	16.88	276	332919	54.706	nq	98
88) Benzo(b)fluoranthene	15.00	252	358275	49.903	nq	99
89) Benzo(k)fluoranthene	15.03	252	343495	48.143	nq	98
90) Benzo(a)pyrene	15.36	252	324551	51.050	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	289056	53.061	nq	98
92) Benzo(g,h,i)perylene	17.30	276	275878	53.202	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

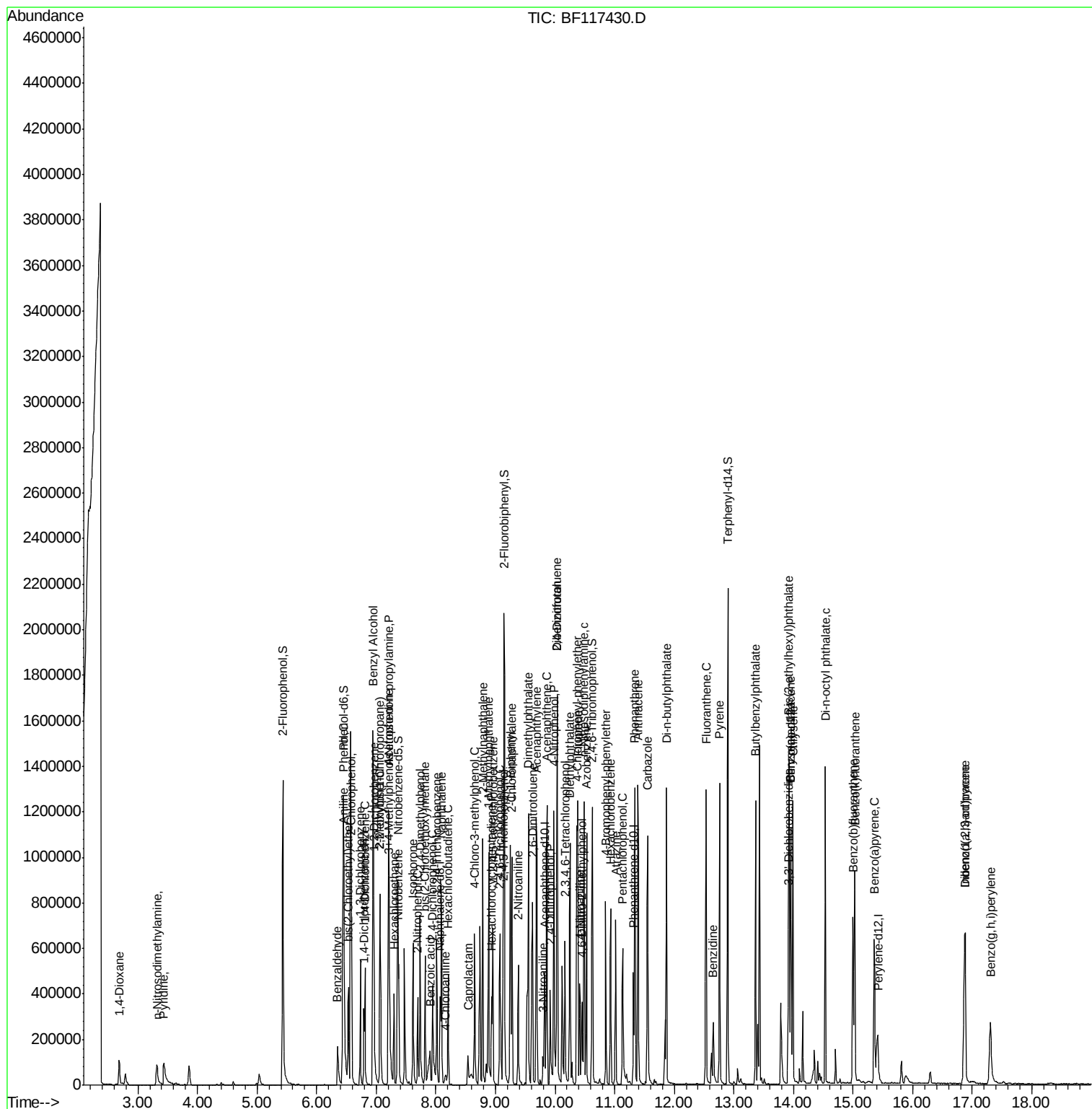
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
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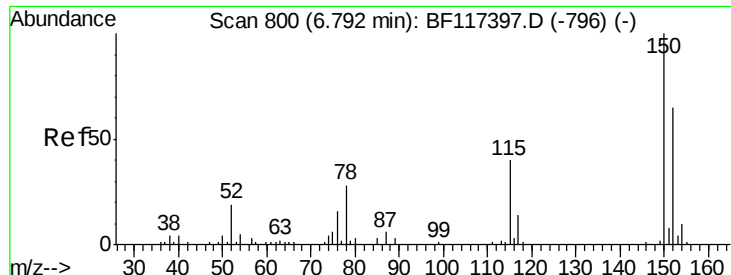
Instrument :
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#1

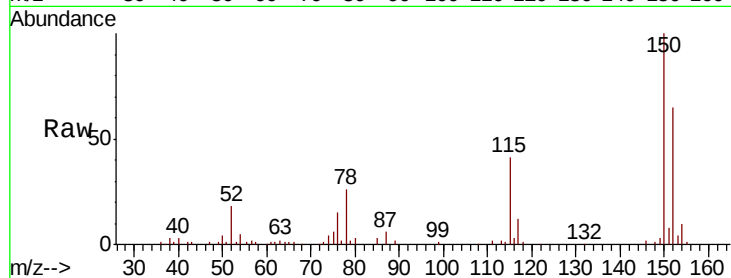
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.7	184.1
115	62.3	48.6	73.0

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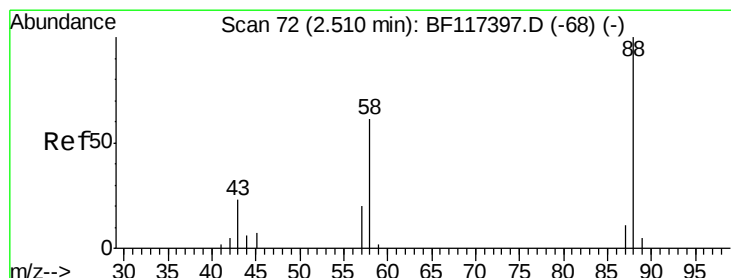
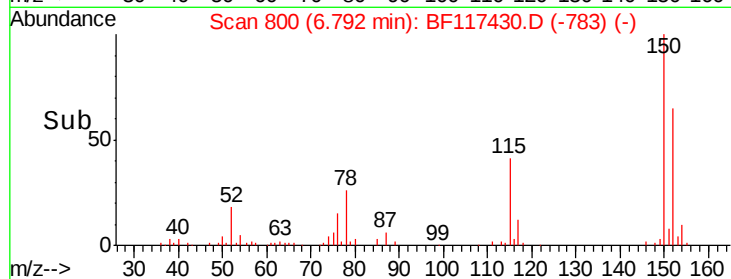
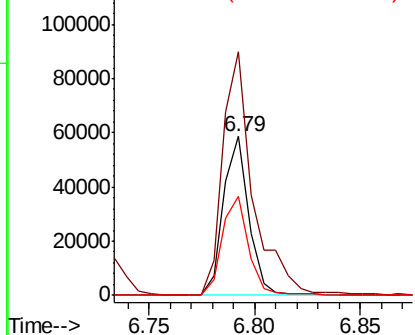


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

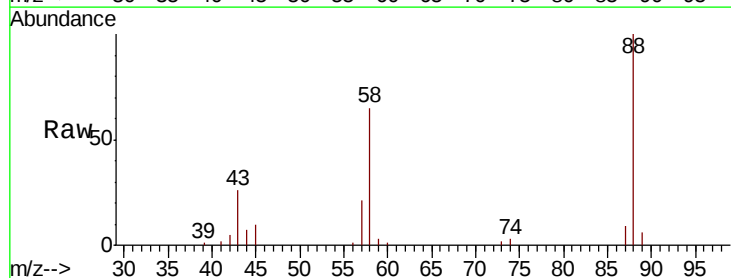
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.335 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.18 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.5	49.4	74.2
43	0.0	18.1	27.1

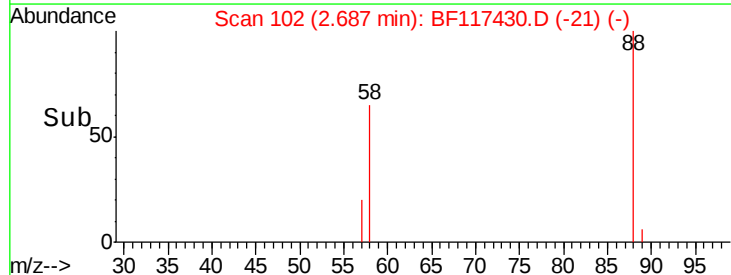
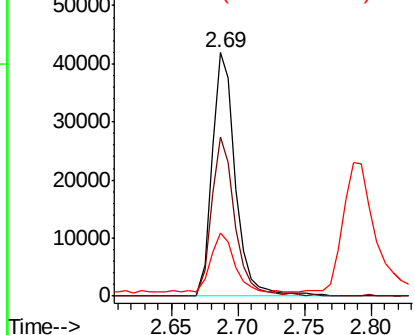


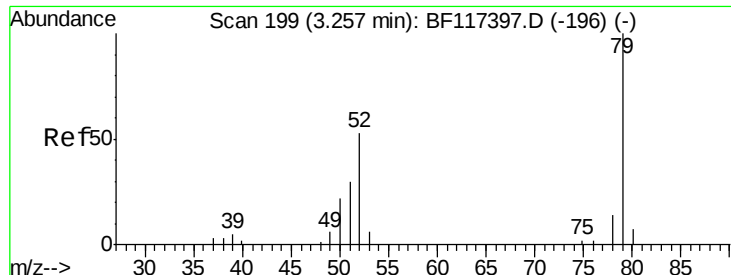
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





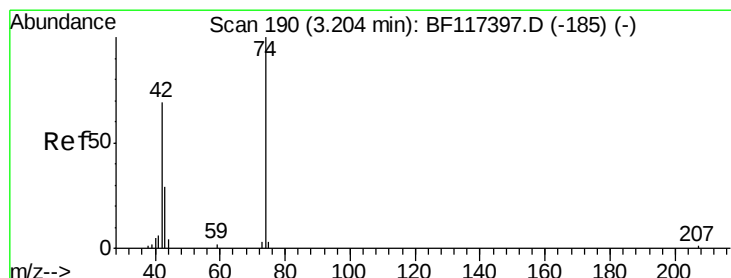
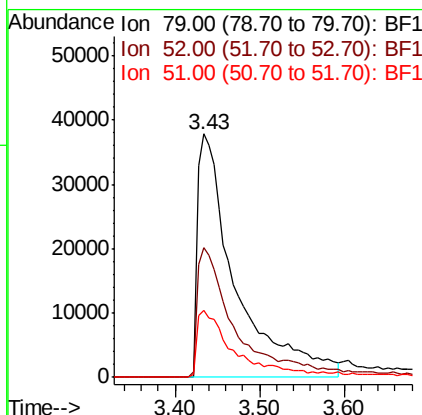
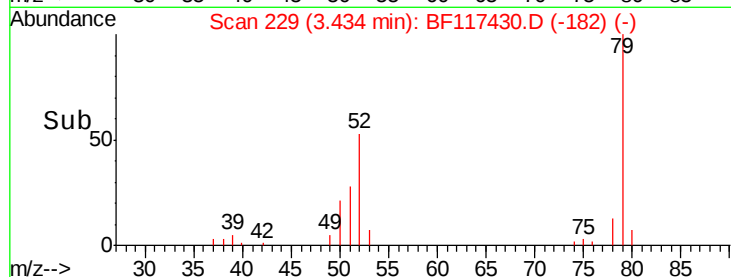
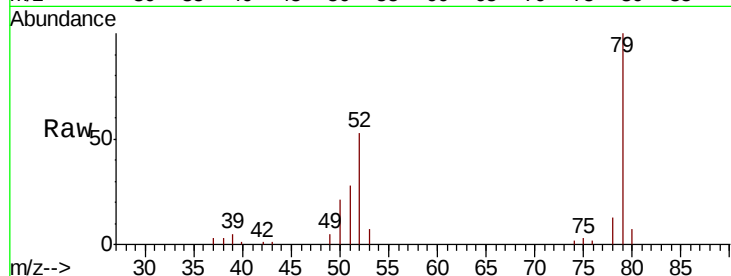
#3
 Pvridine
 Concen: 35.335 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.18 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Instrument :
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 ClientSampleId :
 SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	53.1	42.7	64.1
51	27.5	23.8	35.8

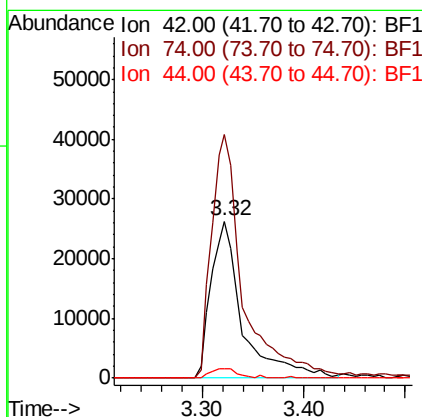
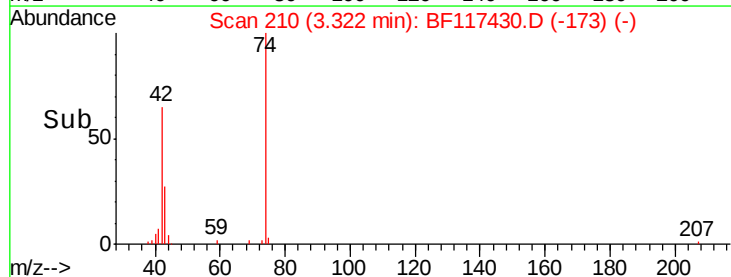
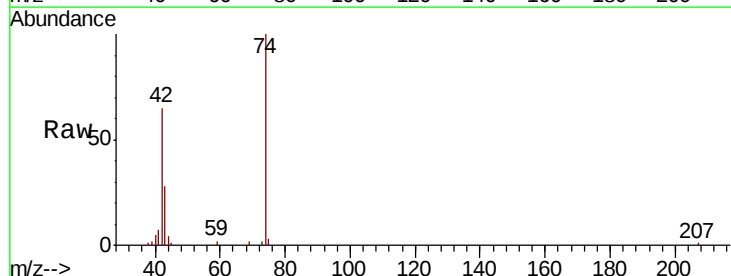
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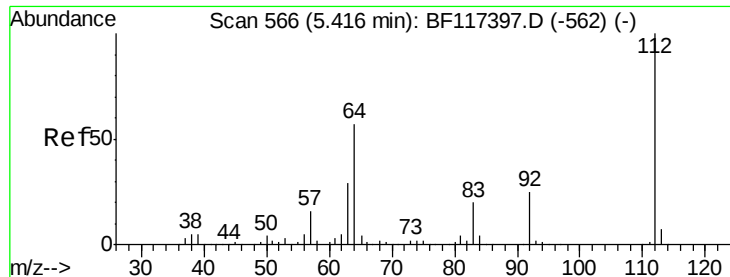
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#4
 n-Nitrosodimethylamine
 Concen: 48.303 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.12 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.9	116.2	174.4
44	6.1	4.2	6.4





#5

2-Fluorophenol

Concen: 140.063 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Instrument :

BNA_F

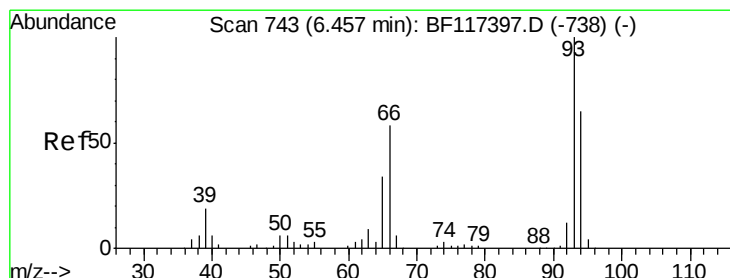
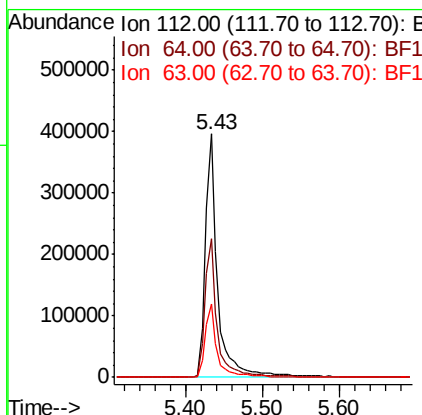
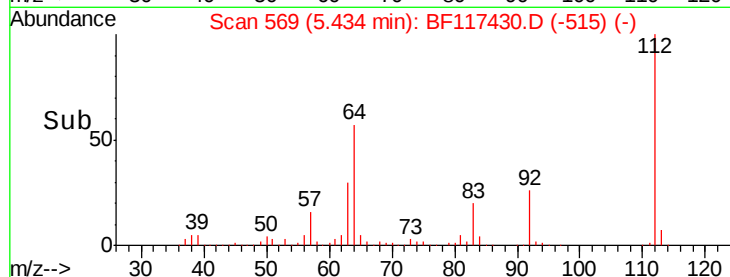
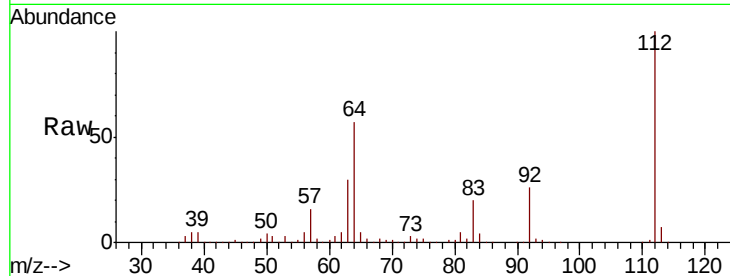
ClientSampleId :

SU-01-101519MSD

Tot Ion:	112	Resp:	445004
Ion Ratio	Lower	Upper	
112	100		
64	56.7	45.2	67.8
63	30.2	23.4	35.2

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#6

Aniline

Concen: 11.551 ng

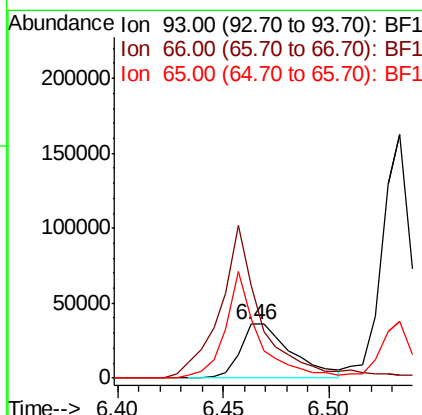
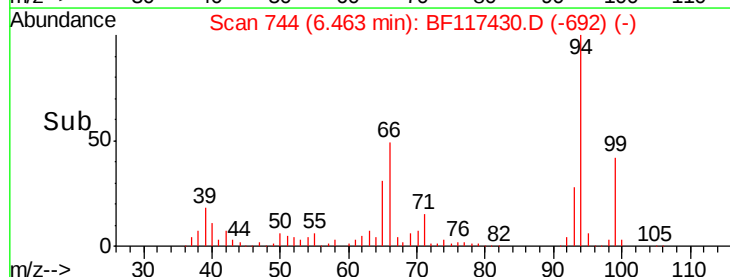
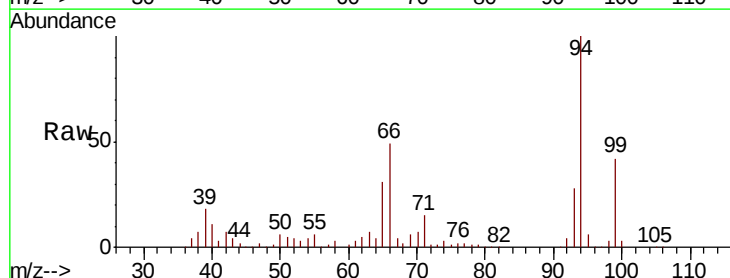
RT: 6.46 min Scan# 744

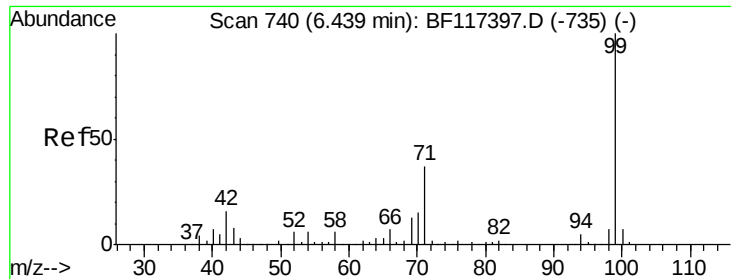
Delta R.T. 0.01 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Tgt Ion:	93	Resp:	60830
Ion Ratio	Lower	Upper	
93	100		
66	172.6	48.4	72.6#
65	111.4	27.8	41.6#





#7

Phenol-d6

Concen: 143.268 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Instrument :

BNA_F

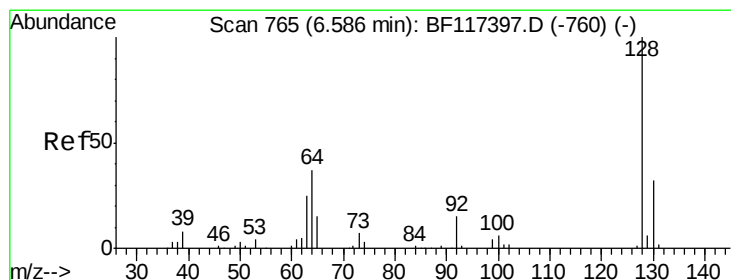
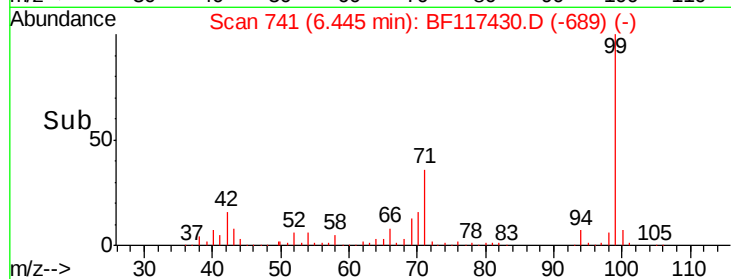
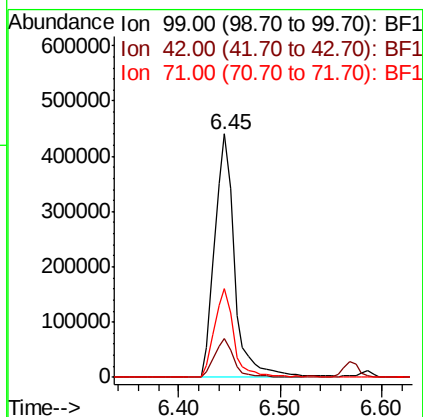
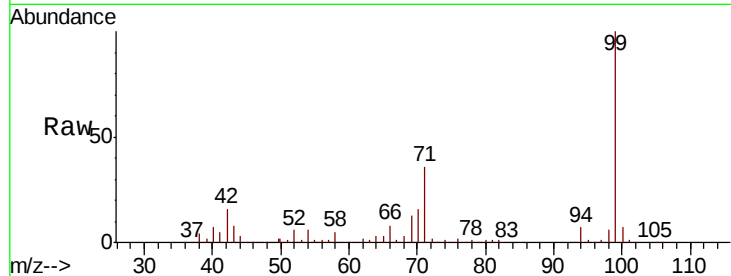
ClientSampleId :

SU-01-101519MSD

Tot Ion:	99	Resp:	603948
Ion Ratio	Lower	Upper	
99	100		
42	16.1	12.5	18.7
71	36.3	29.2	43.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.726 ng

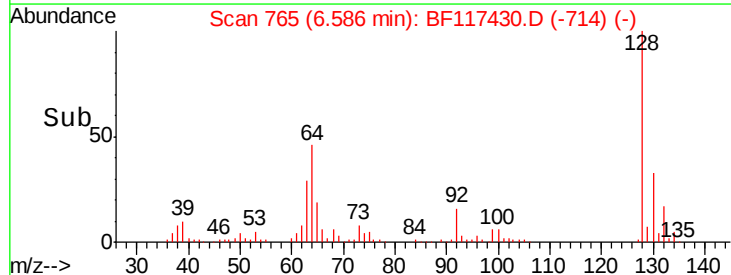
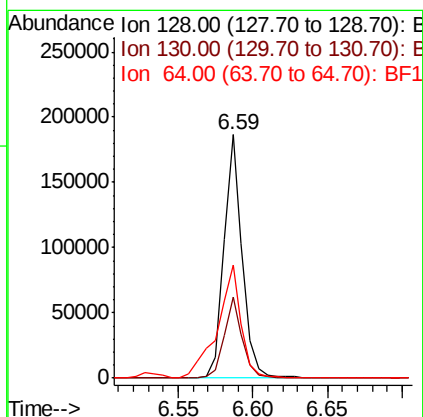
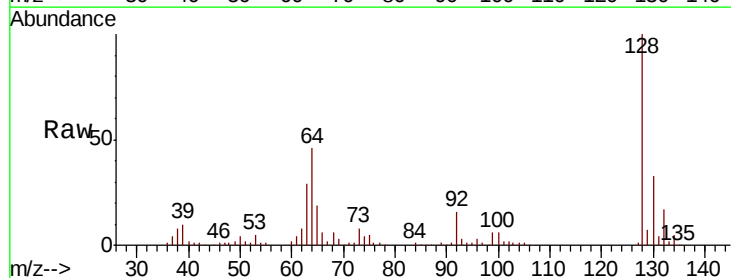
RT: 6.59 min Scan# 765

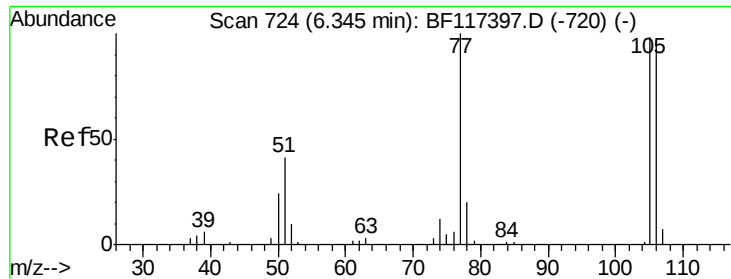
Delta R.T. 0.00 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Tgt Ion:	128	Resp:	161518
Ion Ratio	Lower	Upper	
128	100		
130	33.3	11.7	51.7
64	46.2	20.4	60.4





#9

Benzaldehyde

Concen: 25.776 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Instrument :

BNA_F

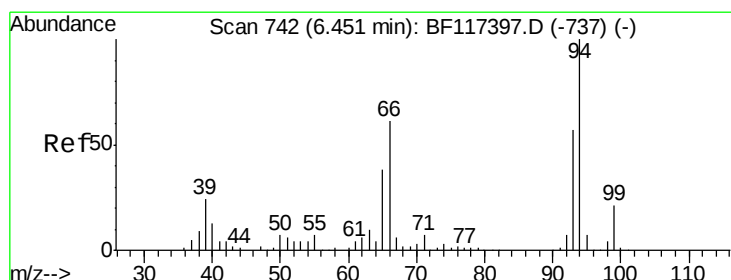
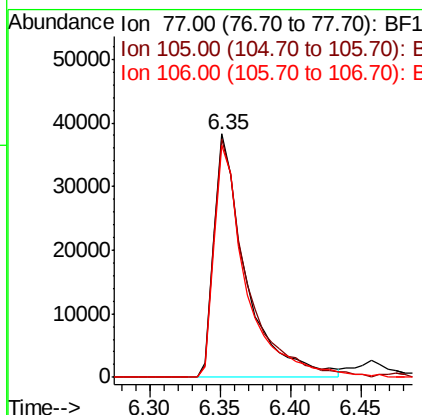
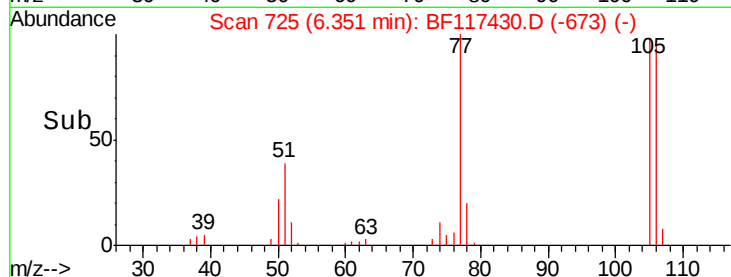
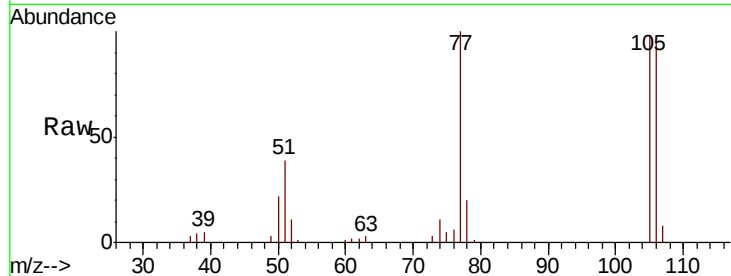
ClientSampleID :

SU-01-101519MSD

Tot Ion:	77	Resp:	60216
Ion	Ratio	Lower	Upper
77	100		
105	97.9	77.9	117.9
106	95.4	77.2	117.2

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#10

Phenol

Concen: 48.831 ng

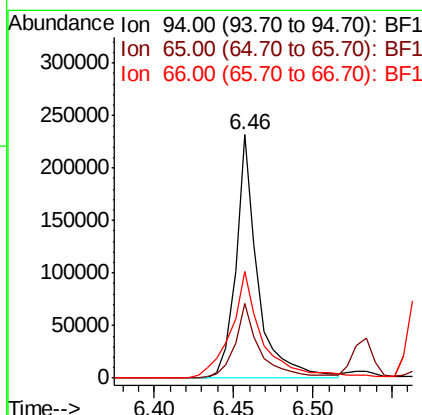
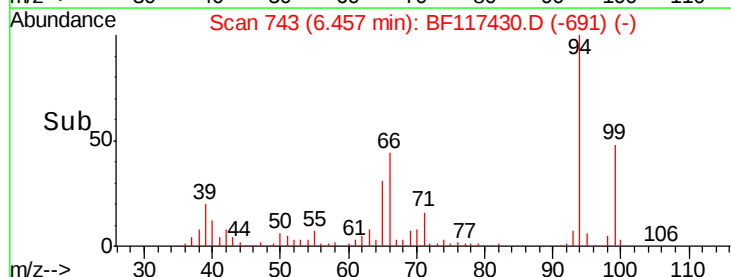
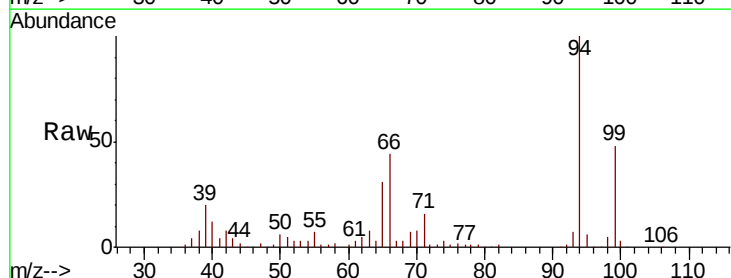
RT: 6.46 min Scan# 743

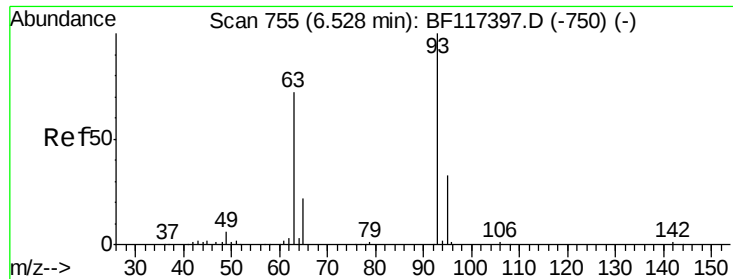
Delta R.T. 0.01 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Tgt Ion:	94	Resp:	222230
Ion	Ratio	Lower	Upper
94	100		
65	30.7	18.2	58.2
66	43.9	41.1	81.1





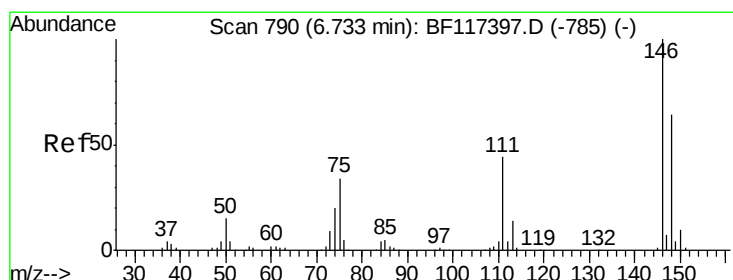
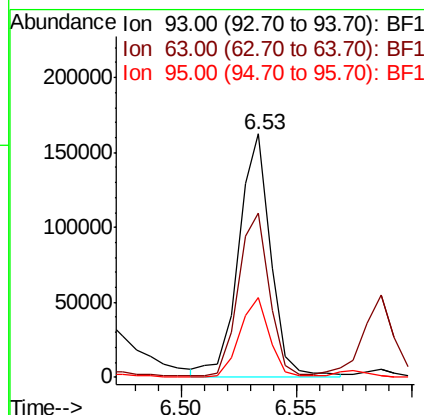
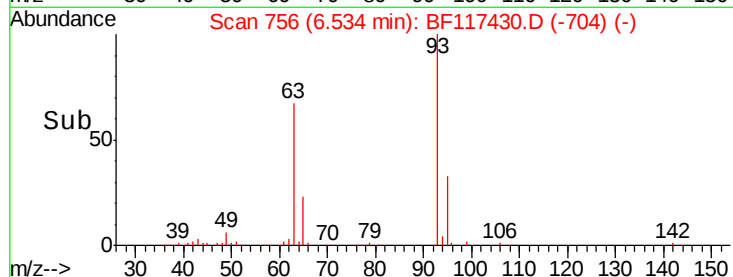
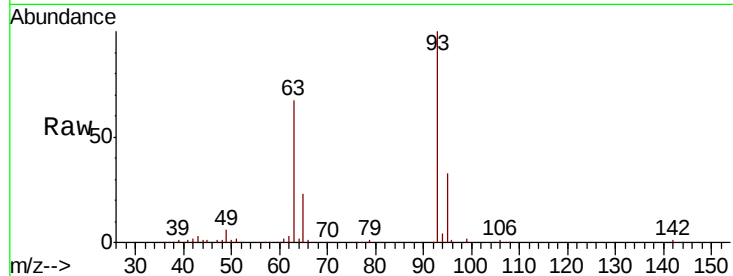
#11
bis(2-Chloroethyl)ether
Concen: 45.461 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion:	93	Resp:	157299
Ion Ratio	Lower	Upper	
93	100		
63	67.4	50.9	90.9
95	32.6	12.4	52.4

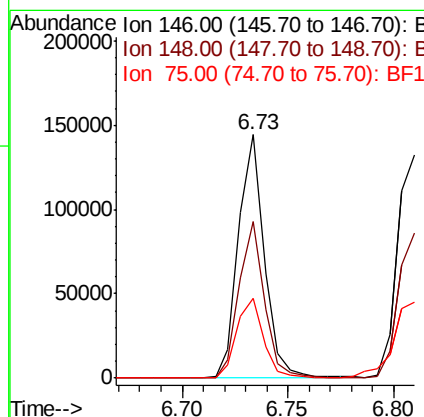
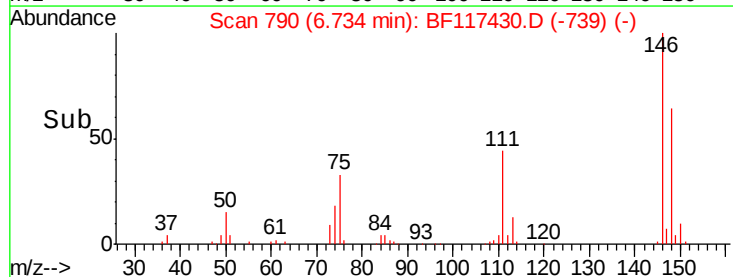
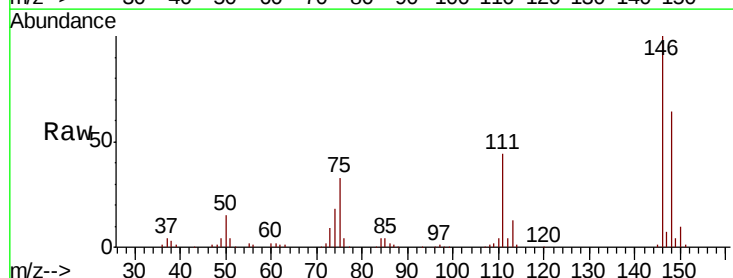
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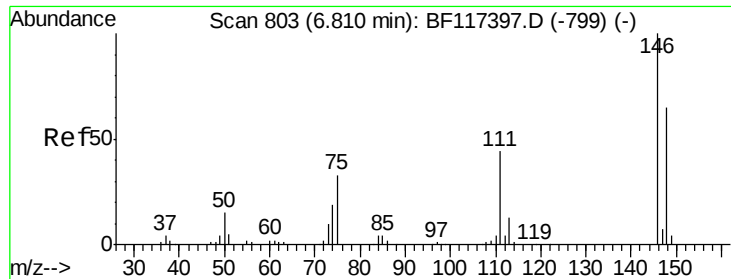
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#12
1,3-Dichlorobenzene
Concen: 31.083 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion:	146	Resp:	122784
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.0	76.6
75	32.6	27.4	41.2





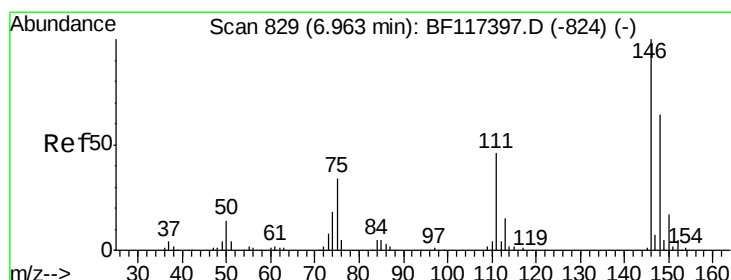
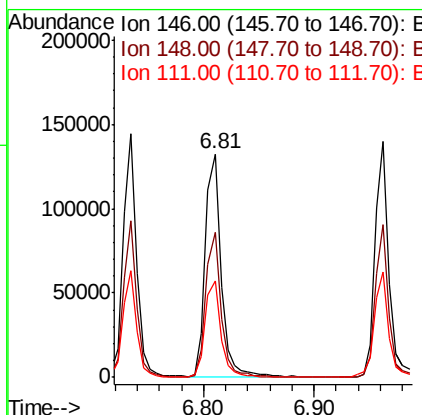
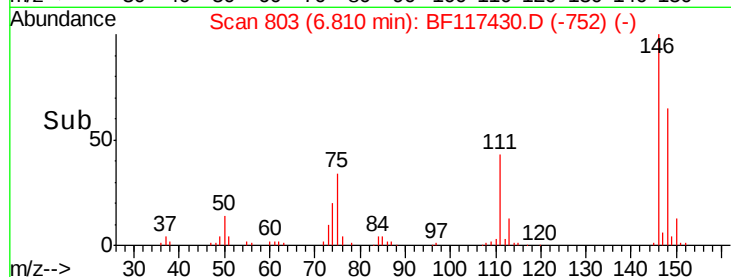
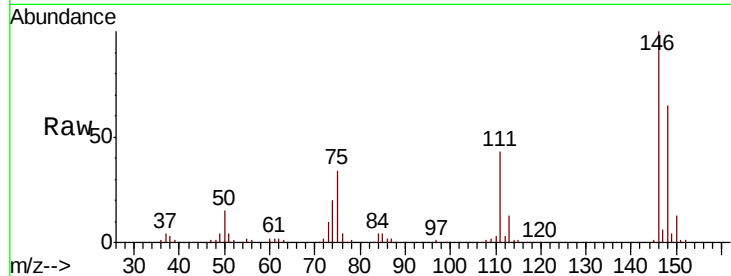
#13
 1,4-Dichlorobenzene
 Concen: 32.131 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	43.3	35.7	53.5

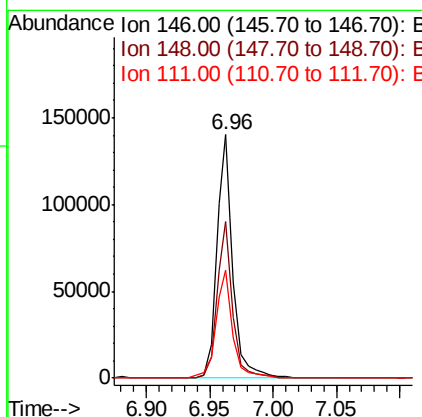
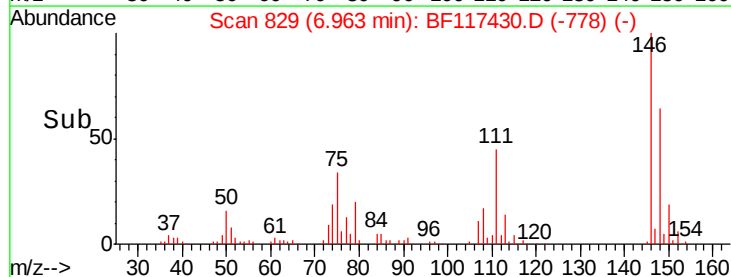
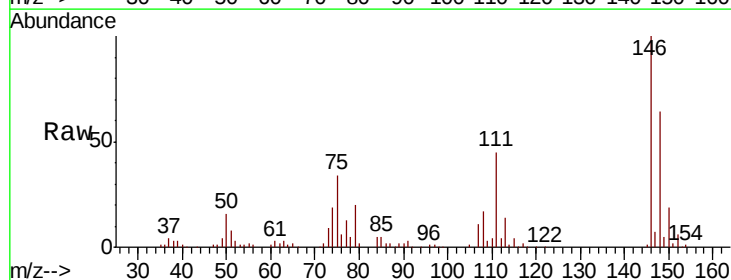
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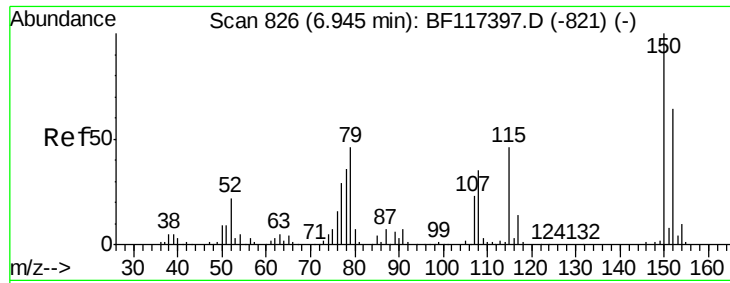
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#14
 1,2-Dichlorobenzene
 Concen: 32.591 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.6
111	44.5	36.5	54.7





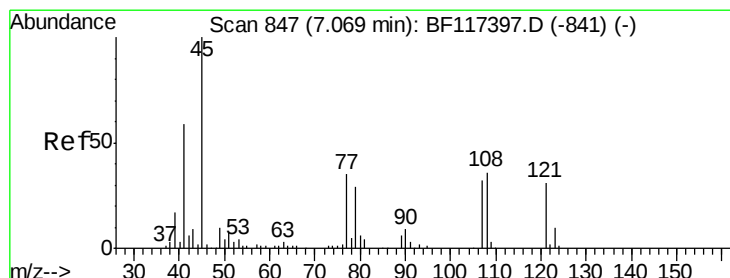
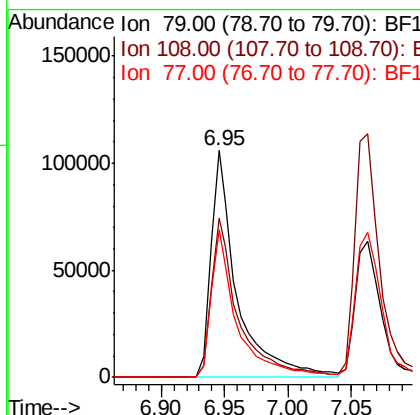
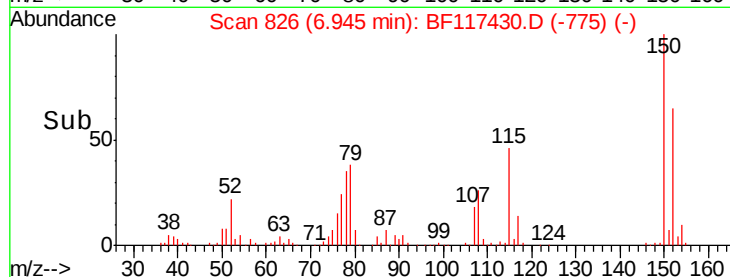
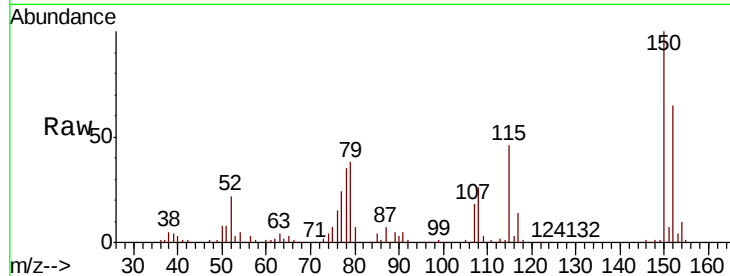
#15
Benzyl Alcohol
Concen: 47.234 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.2	60.4	90.6
77	65.2	50.6	76.0

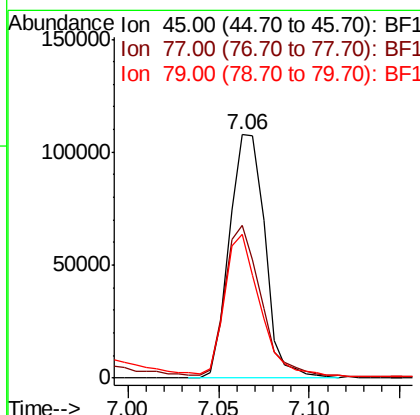
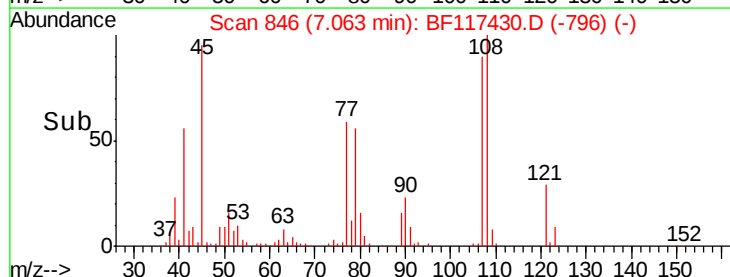
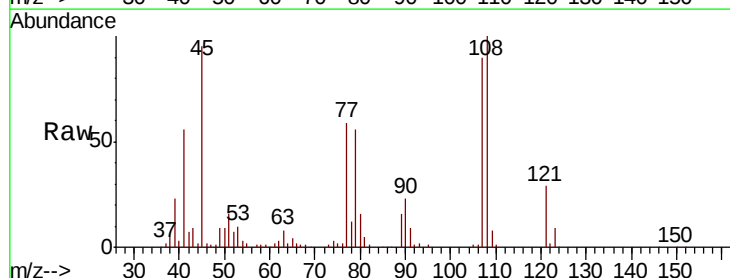
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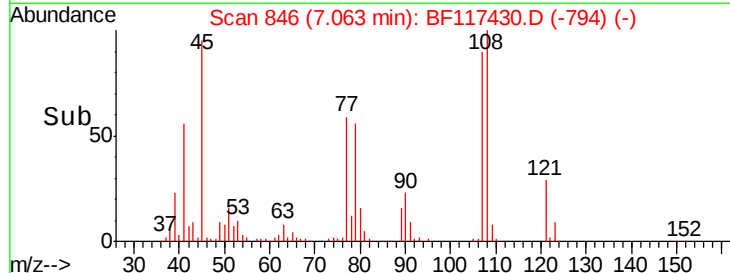
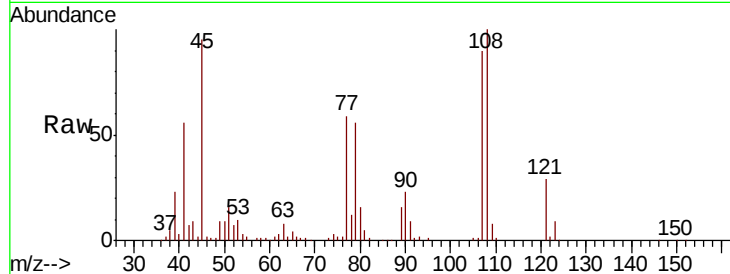
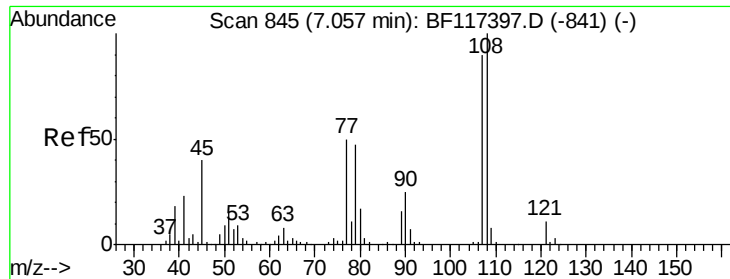
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.440 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

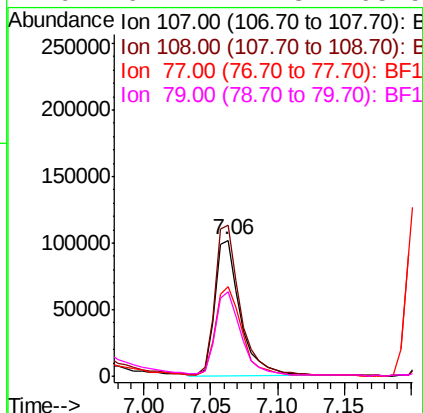
Tgt Ion	Ratio	Lower	Upper
45	100		
77	62.8	15.9	55.9#
79	59.1	10.7	50.7#





#17
2-Methylphenol
Concen: 46.488 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

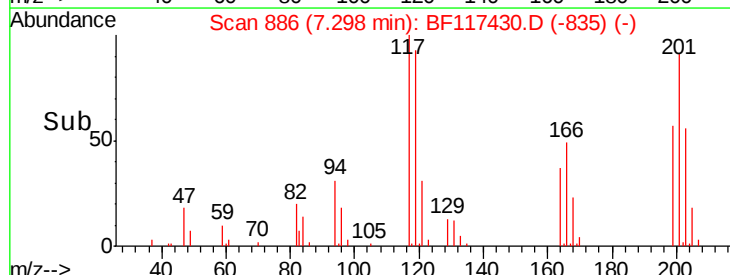
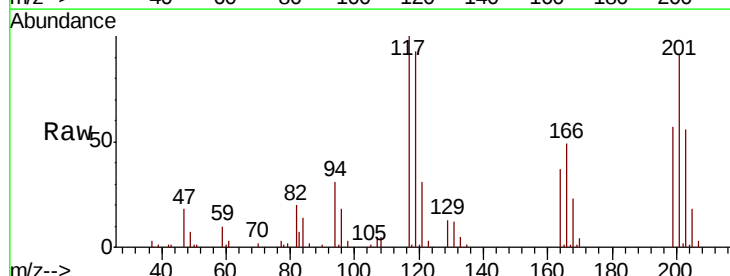
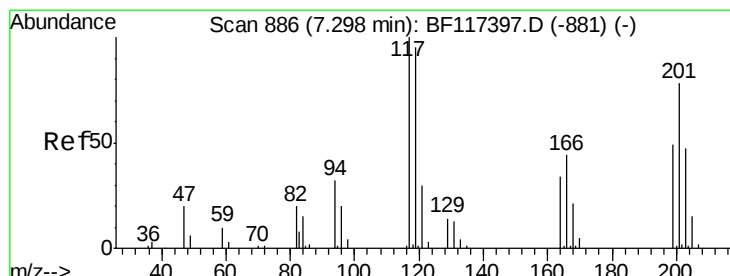
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	89.4	134.2	
77	66.3	45.1	67.7	
79	62.4	42.3	63.5	



Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

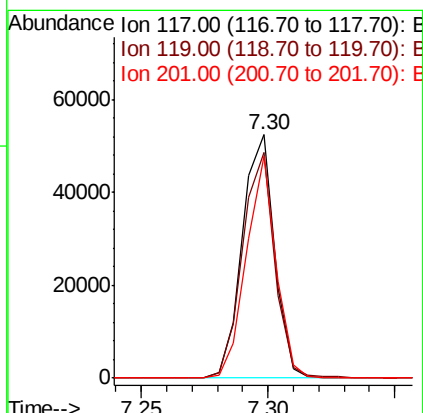
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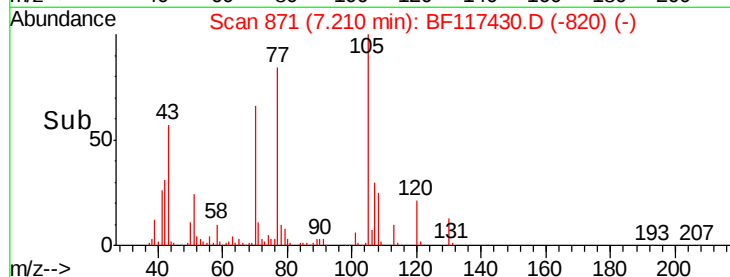
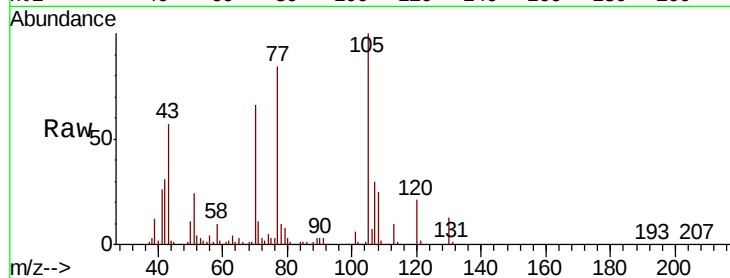
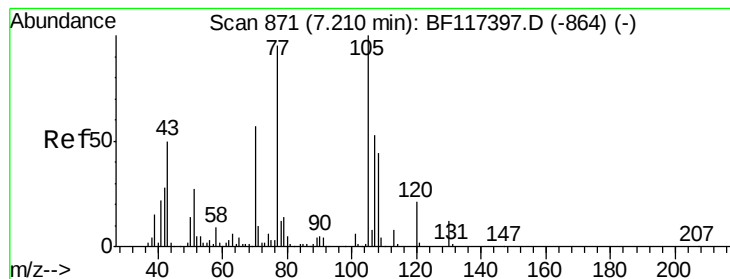
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#18
Hexachloroethane
Concen: 29.516 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.8	75.7	113.5	
201	91.1	62.2	93.4	





#19

n-Nitroso-di-n-propylamine

Concen: 45.653 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MSD

Tot Ion: 70 Resp: 122707

Ion Ratio Lower Upper

70 100

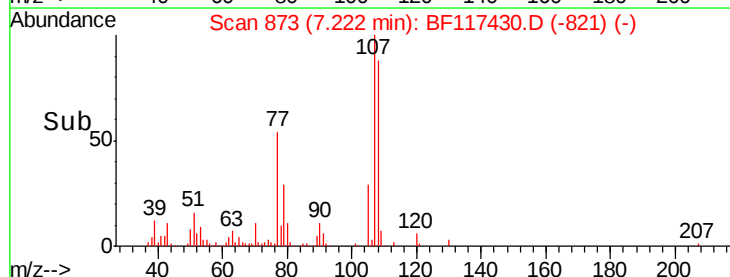
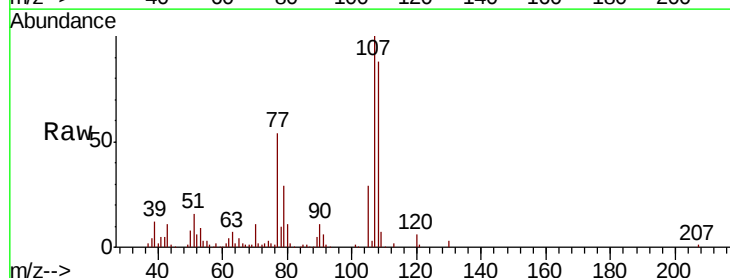
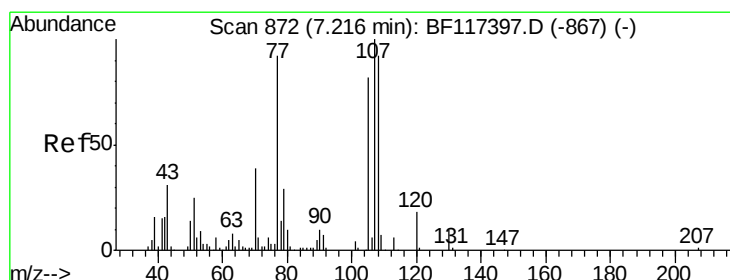
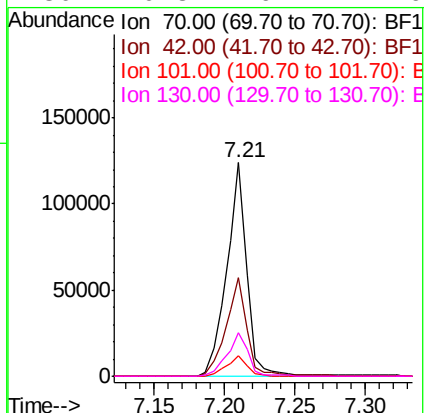
42 46.2 39.8 59.8

101 9.4 8.1 12.1

130 20.3 16.4 24.6

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#20

3+4-Methylphenols

Concen: 47.271 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Tgt Ion:107 Resp: 179485

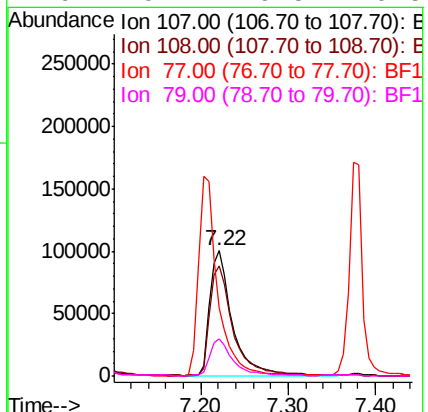
Ion Ratio Lower Upper

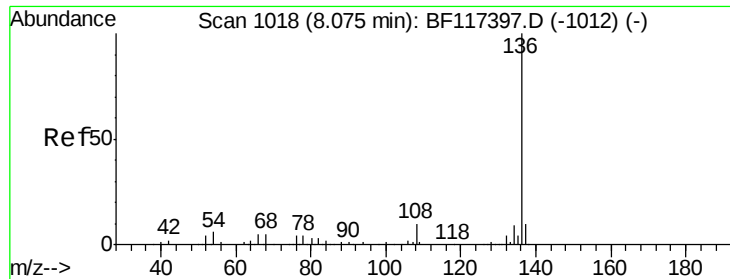
107 100

108 87.9 71.8 111.8

77 54.4 72.7 112.7

79 29.2 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Instrument :

BNA_F

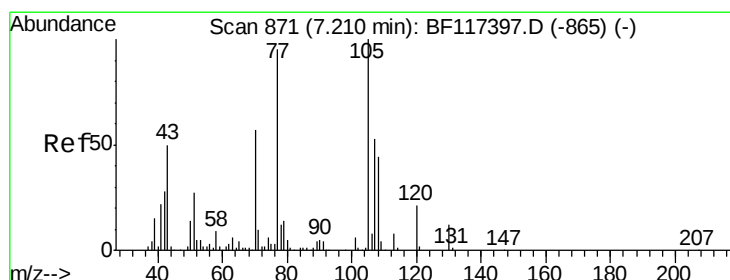
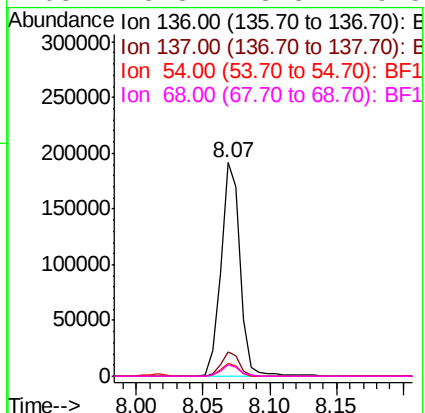
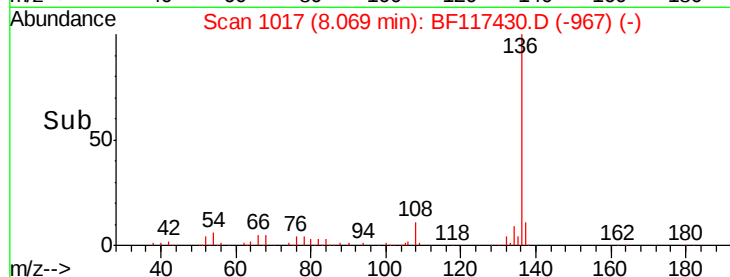
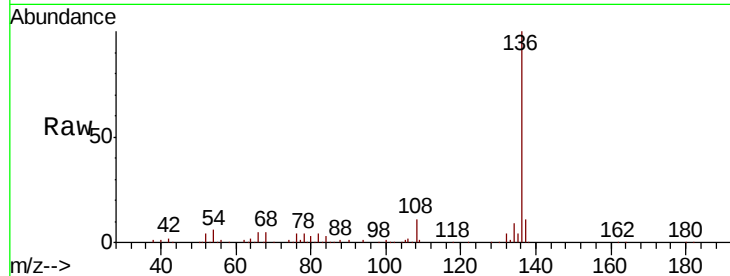
ClientSampleId :

SU-01-101519MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		194031		
137	11.3		8.4	12.6	
54	6.1		4.6	6.8	
68	5.3		3.8	5.8	

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#22

Acetophenone

Concen: 47.014 ng

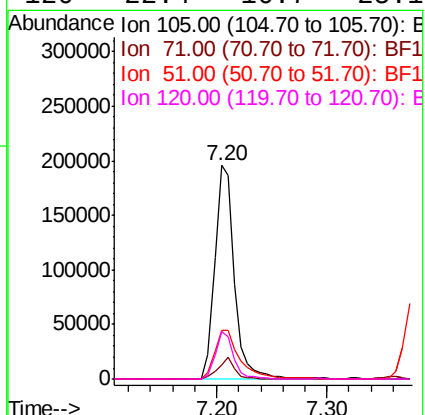
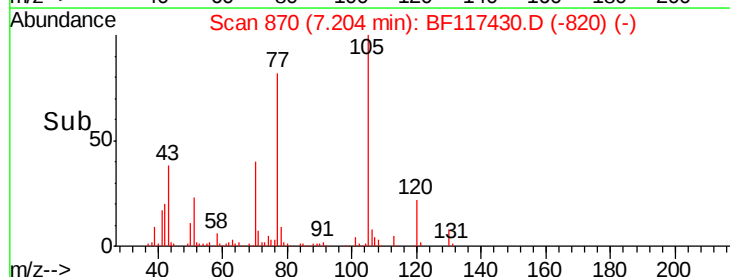
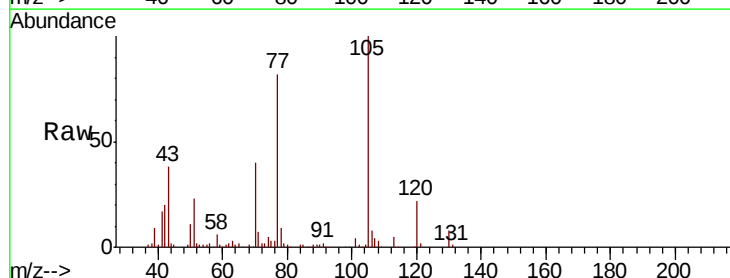
RT: 7.20 min Scan# 870

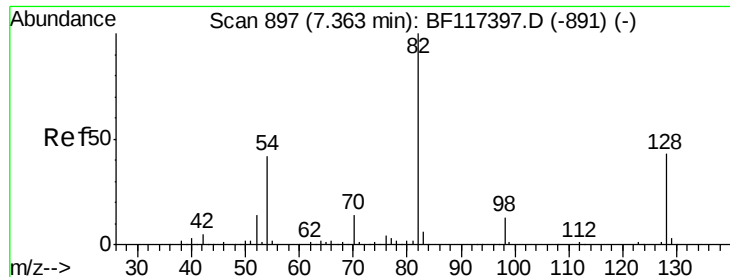
Delta R.T. -0.01 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		239372		
71	6.5		7.8	11.6#	
51	22.8		21.5	32.3	
120	22.4		16.7	25.1	





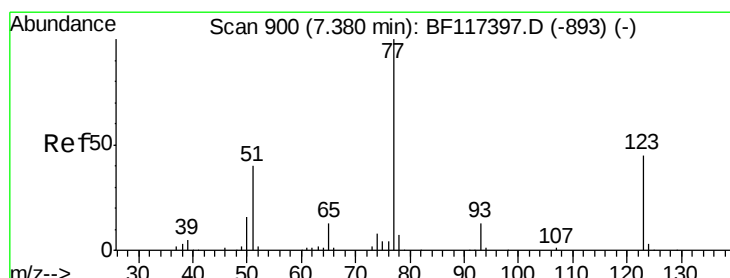
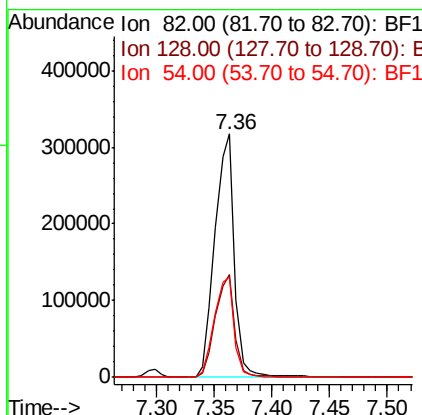
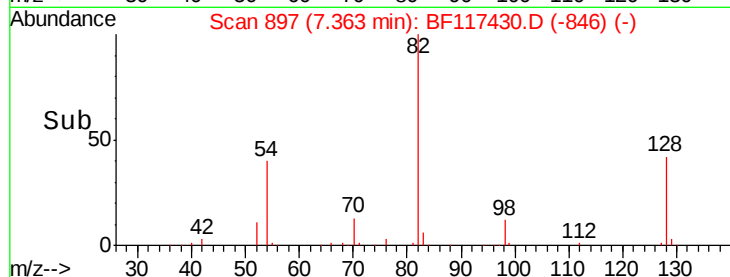
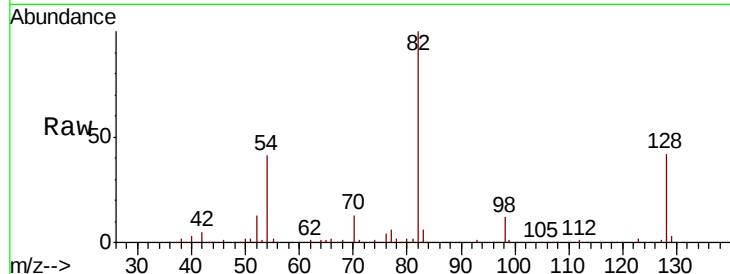
#23
Nitrobenzene-d5
Concen: 97.675 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	373876		
128	42.4		34.1	51.1
54	41.1		33.3	49.9

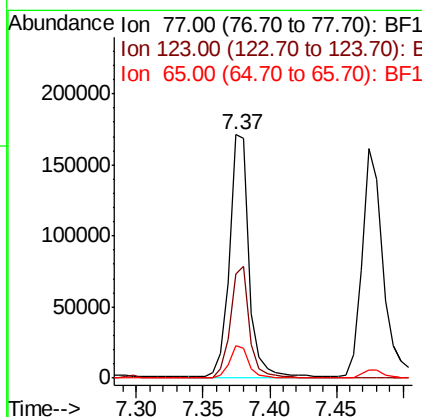
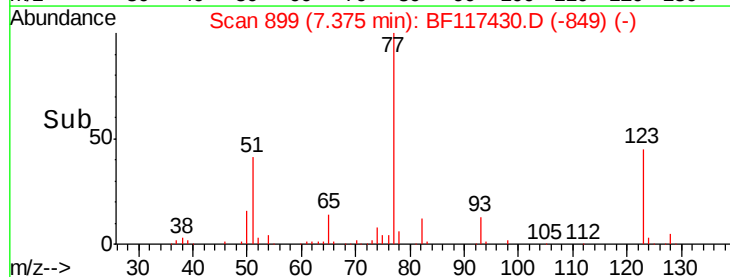
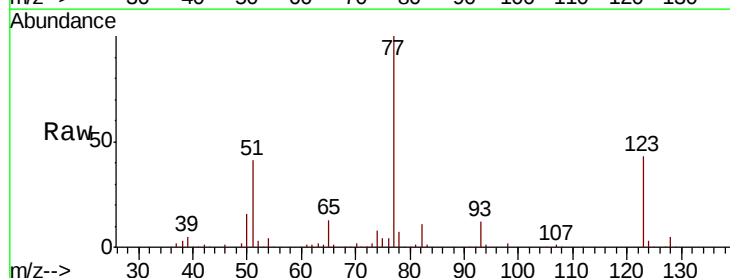
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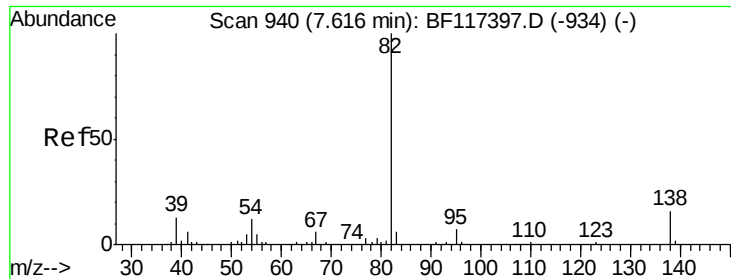
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#24
Nitrobenzene
Concen: 46.651 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	178875		
123	42.8		35.8	53.8
65	13.5		10.1	15.1





#25

Isophorone

Concen: 50.932 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Instrument :

BNA_F

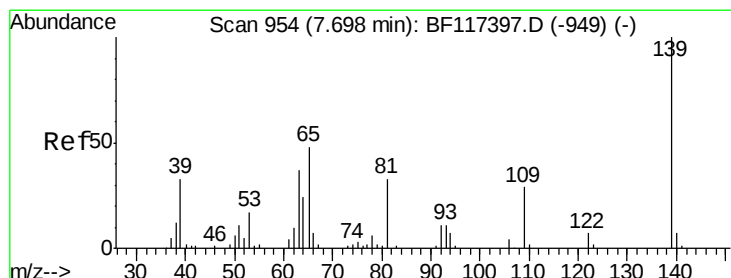
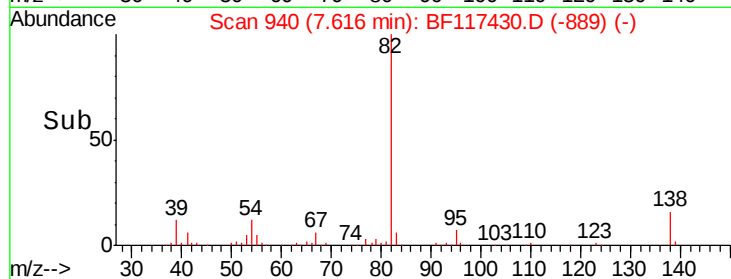
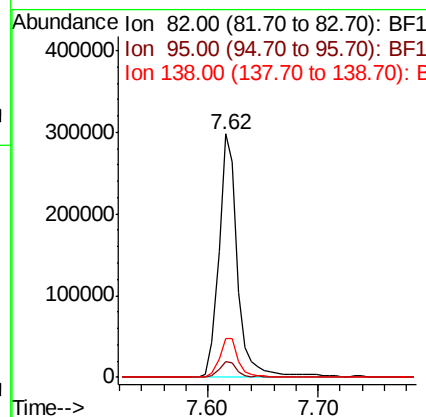
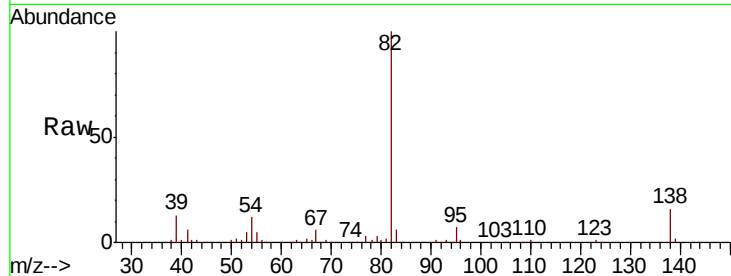
ClientSampleId :

SU-01-101519MSD

Tot Ion:	82	Resp:	347289
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.0
138	15.8	13.0	19.4

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#26

2-Nitrophenol

Concen: 50.898 ng

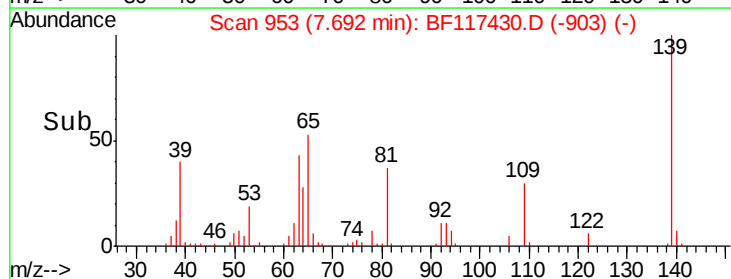
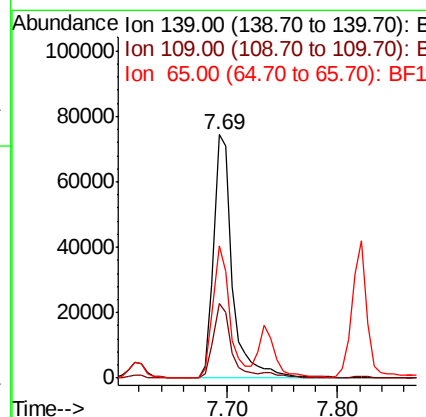
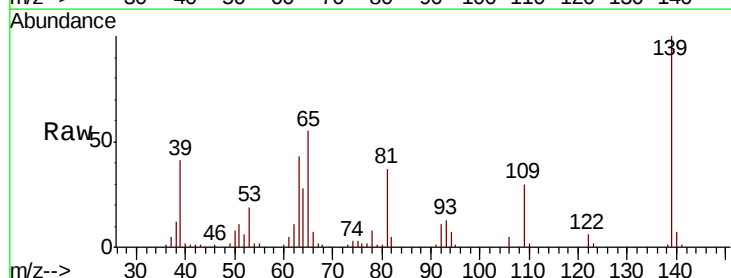
RT: 7.69 min Scan# 953

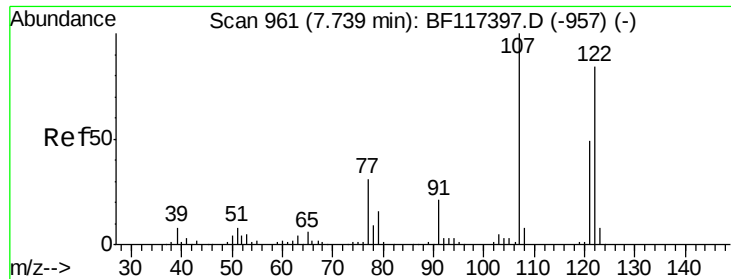
Delta R.T. -0.01 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Tgt Ion:	139	Resp:	86588
Ion Ratio	Lower	Upper	
139	100		
109	30.5	23.1	34.7
65	54.5	38.2	57.4





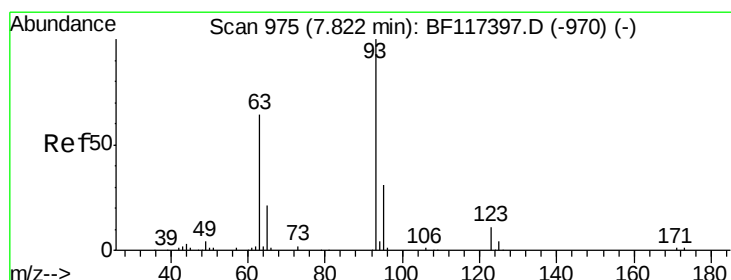
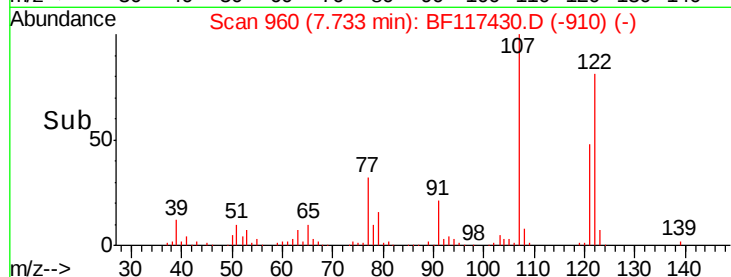
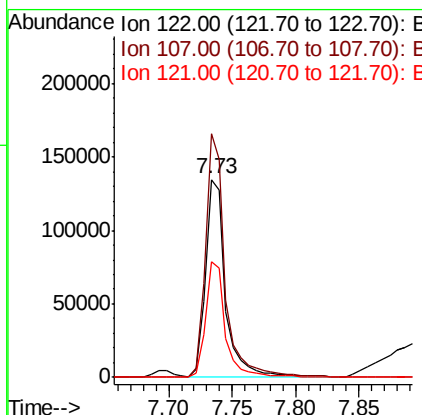
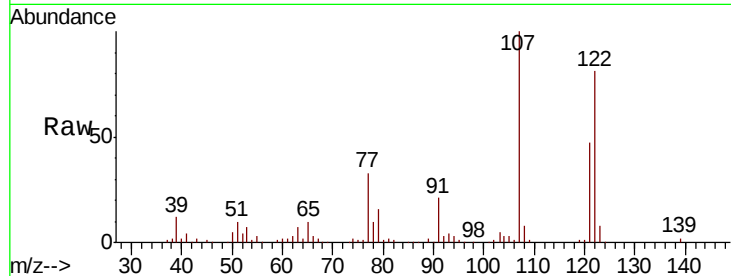
#27
2,4-Dimethylphenol
Concen: 57.003 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.2	95.0	142.6
121	58.5	46.6	69.8

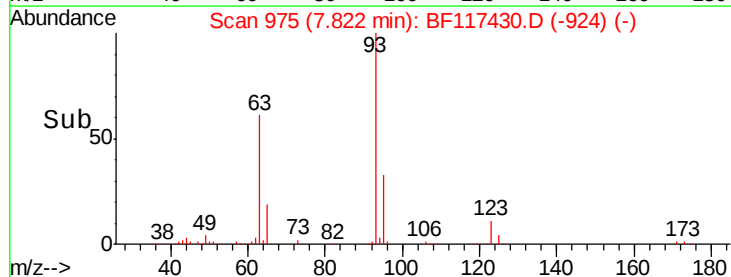
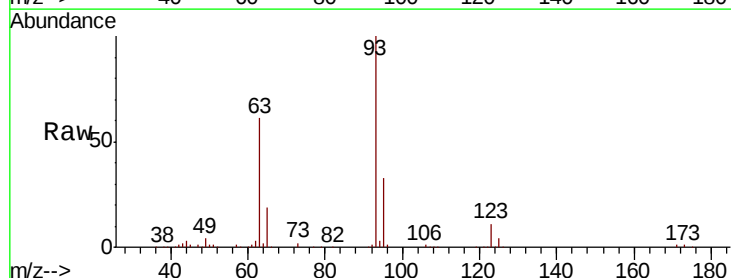
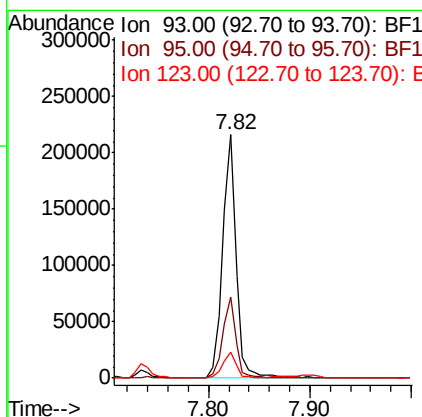
Manual Integrations
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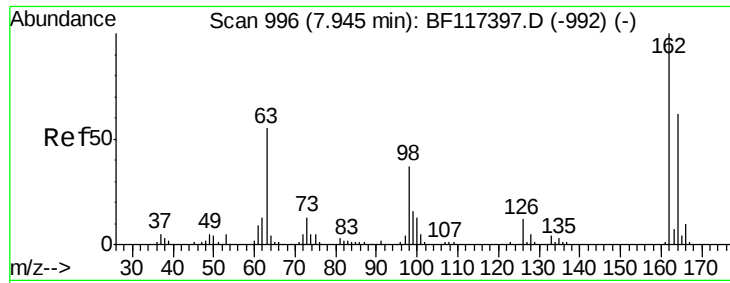
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.719 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.1	37.7
123	10.7	8.6	12.8





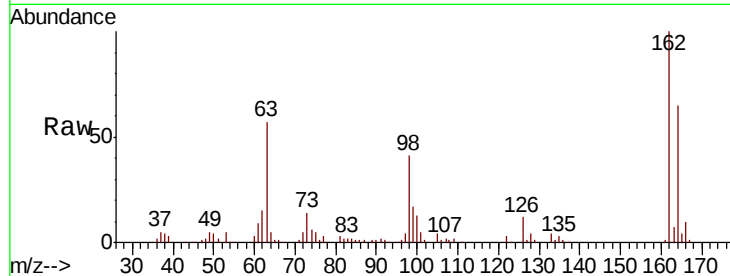
#29
2,4-Dichlorophenol
Concen: 50.157 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		133810		
164	65.0	42.2	82.2		
98	41.0	17.4	57.4		

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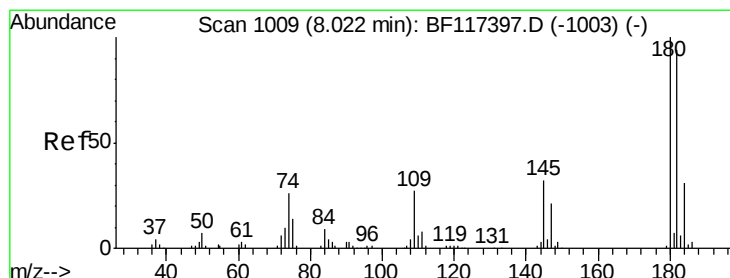
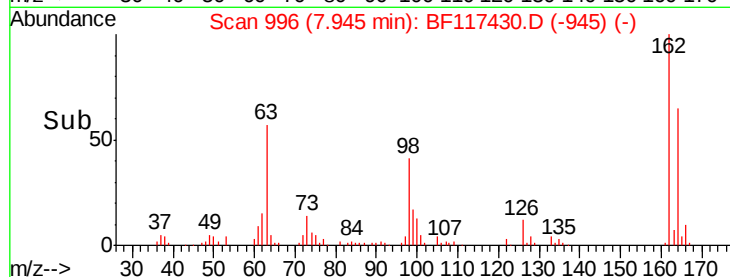
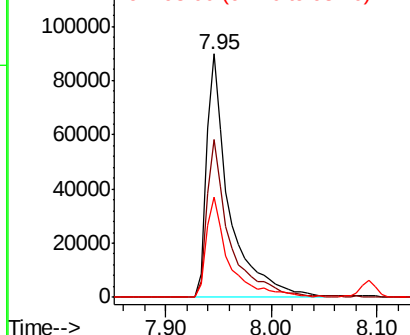


Abundance

Ion 162.00 (161.70 to 162.70): E

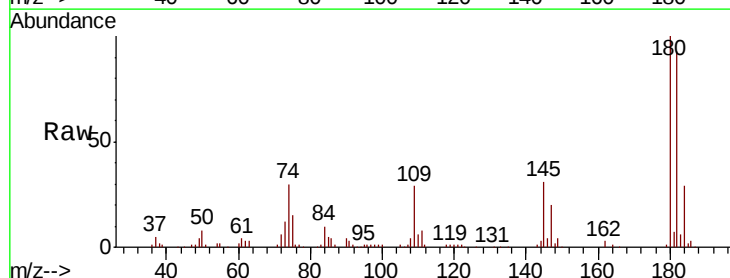
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.941 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		114868		
182	93.1	75.4	113.2		
145	31.4	25.5	38.3		

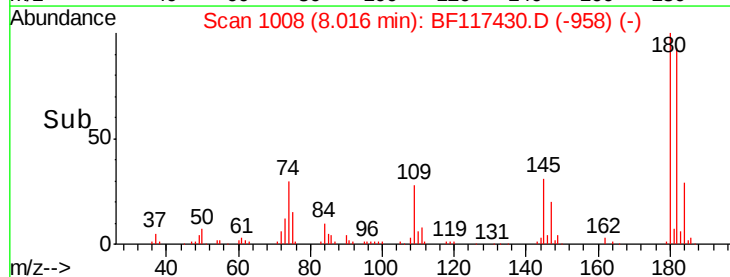
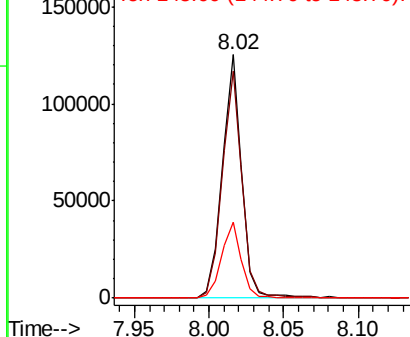


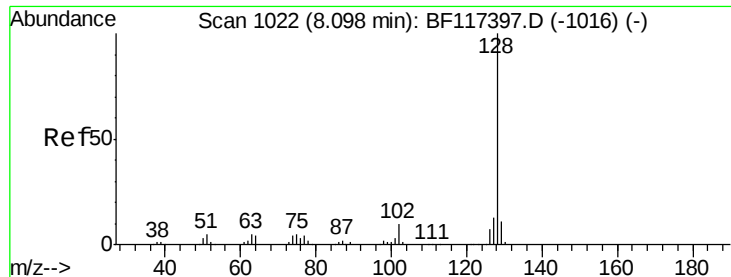
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





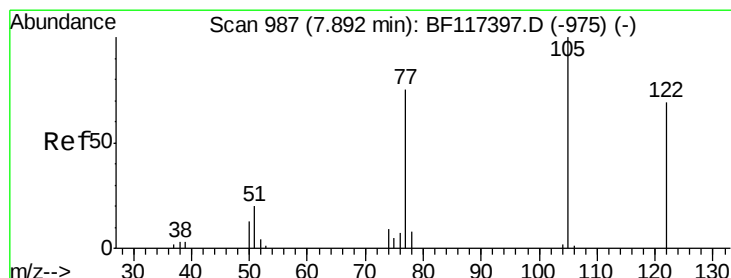
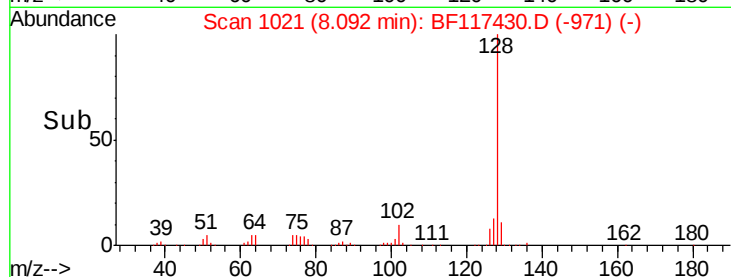
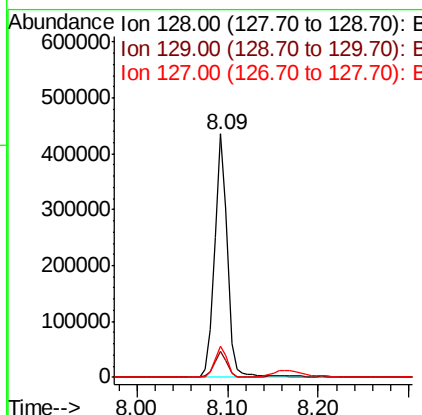
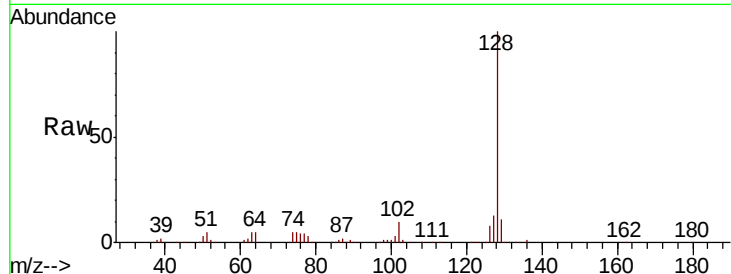
#31
Naphthalene
Concen: 44.004 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	8.6	12.8	
127	13.0	10.4	15.6	

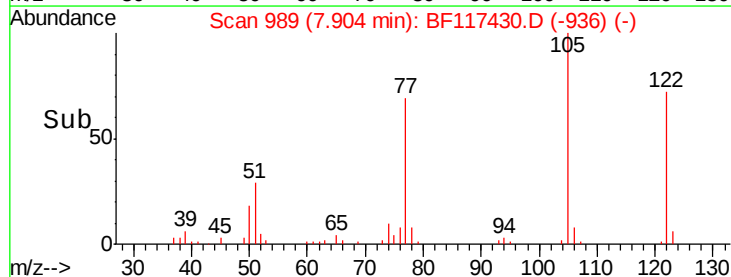
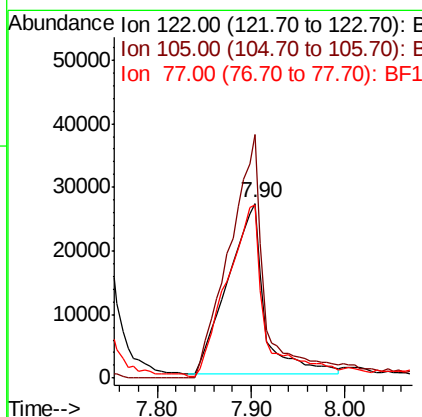
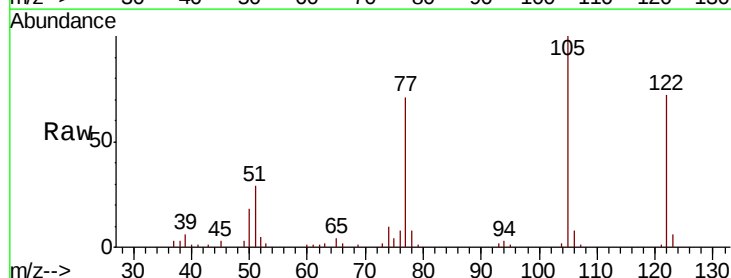
Manual Integrations
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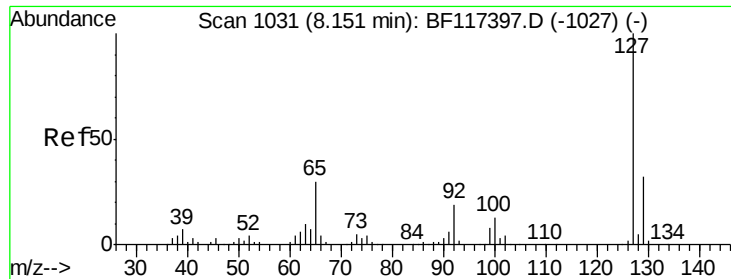
mohammad
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#32
Benzoic acid
Concen: 42.765 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	139.3	121.5	161.5	
77	99.4	88.3	128.3	





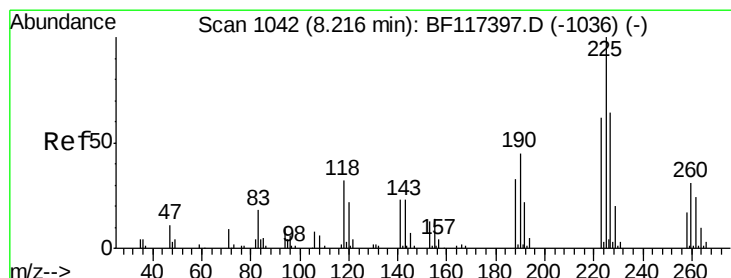
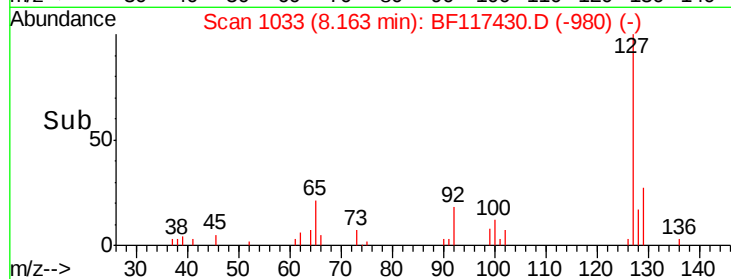
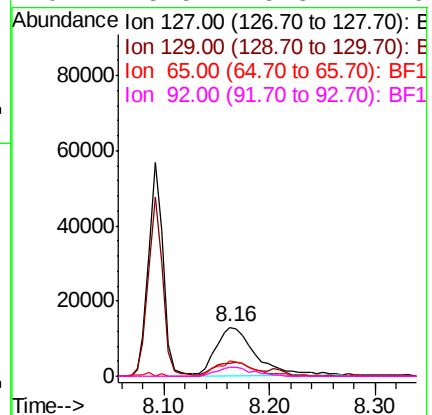
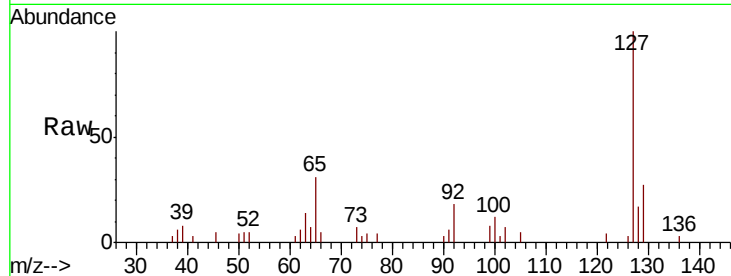
#33
4-Chloroaniline
Concen: 8.098 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	27.0	25.4	38.0		
65	30.5	23.8	35.8		
92	18.5	15.3	22.9		

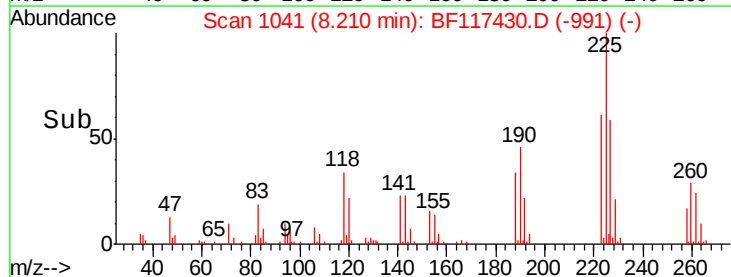
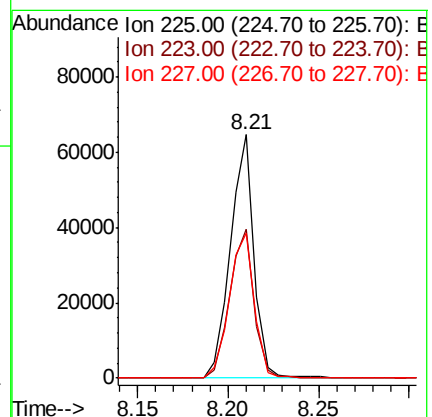
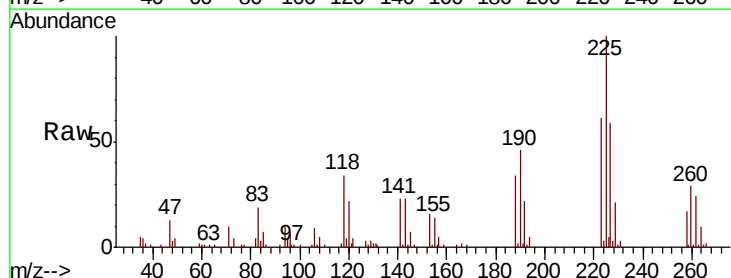
Manual Integrations
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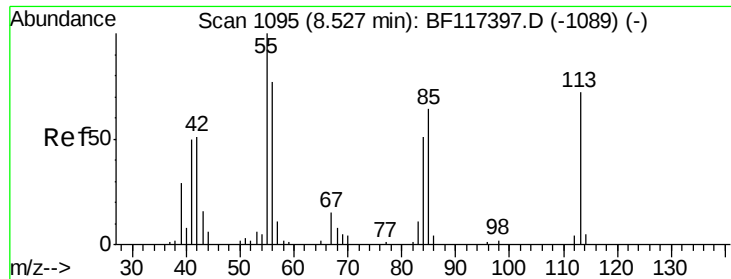
mohammad
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#34
Hexachlorobutadiene
Concen: 35.399 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	49.7	74.5		
227	59.4	50.9	76.3		





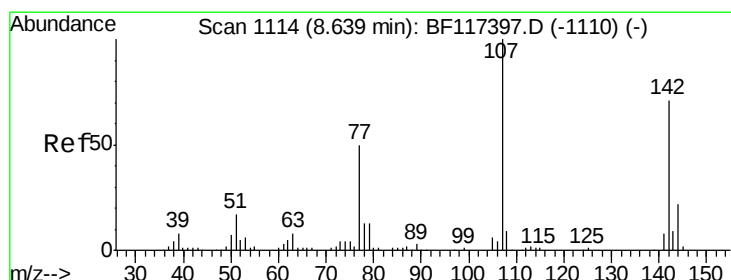
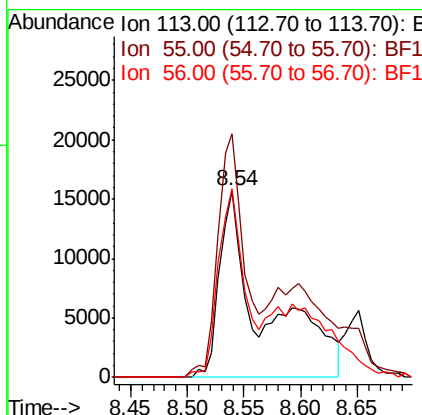
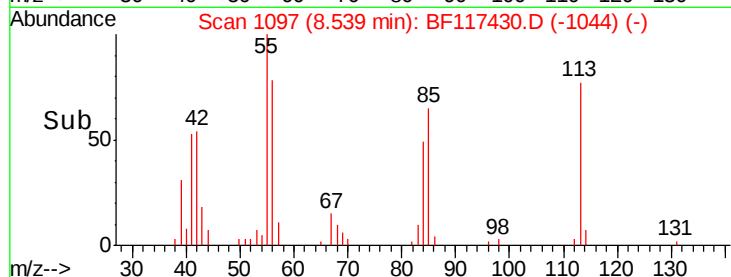
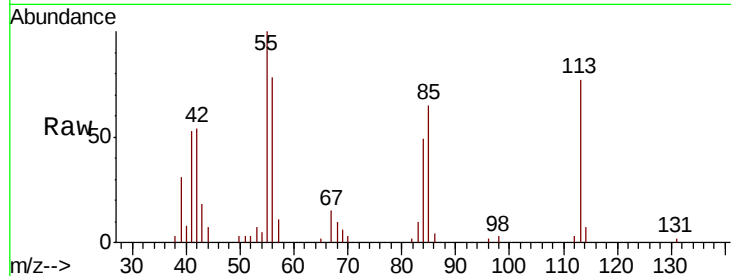
#35
Caprolactam
Concen: 50.883 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		42510		
55	130.6		118.5	158.5	
56	101.4		86.7	126.7	

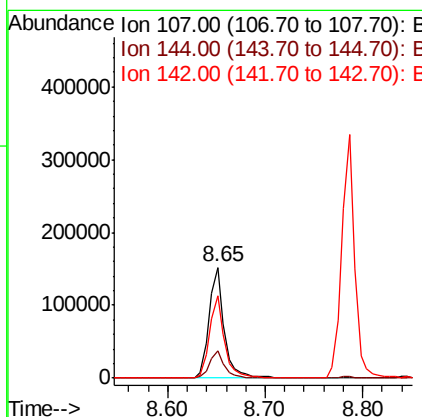
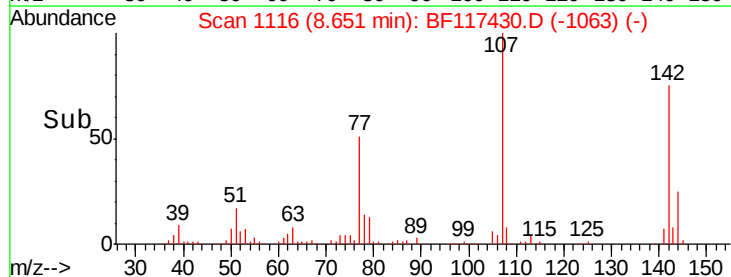
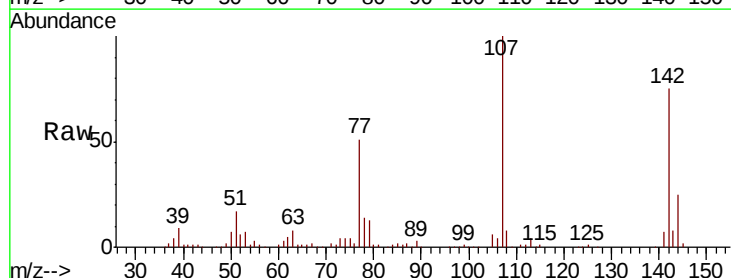
Manual Integrations
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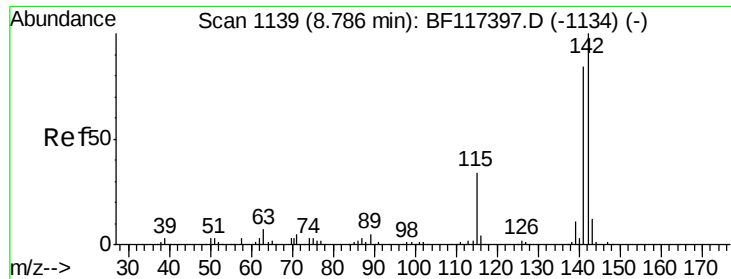
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#36
4-Chloro-3-methylphenol
Concen: 54.097 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		164220		
144	25.0		17.9	26.9	
142	74.5		56.9	85.3	





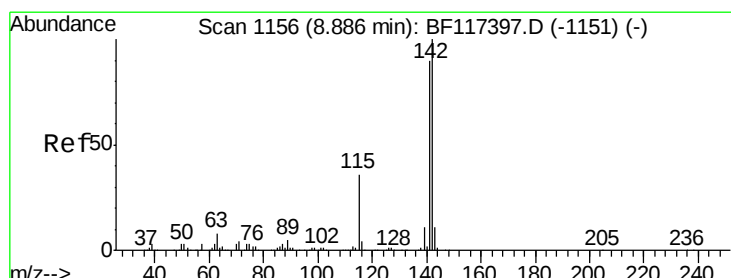
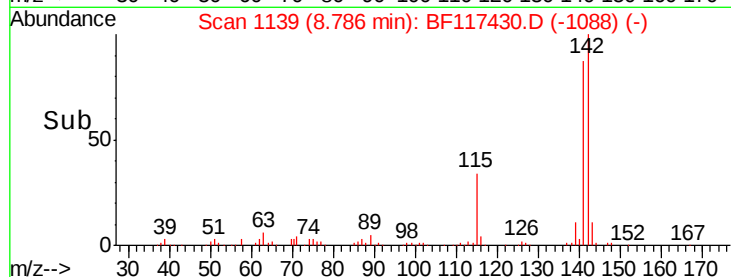
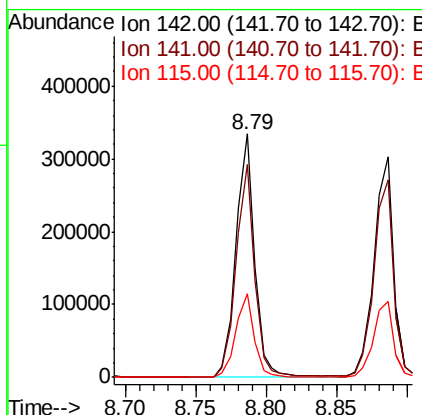
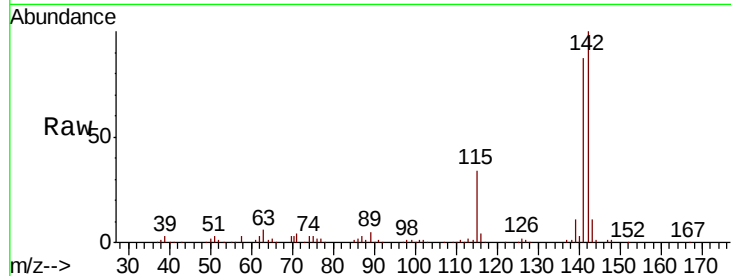
#37
2-Methylnaphthalene
Concen: 46.884 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	67.2	100.8
115	34.1	26.9	40.3

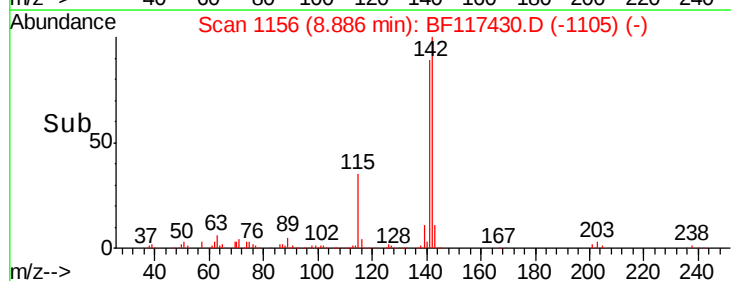
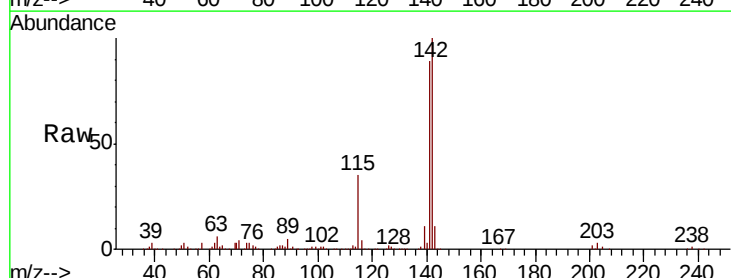
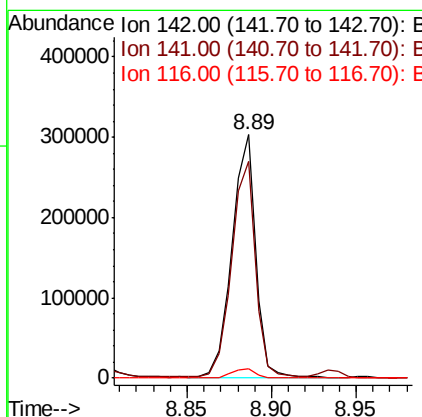
Manual Integrations
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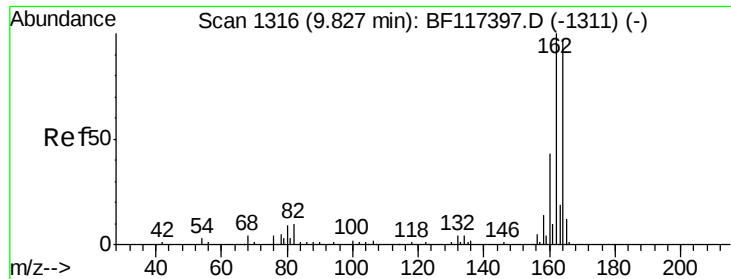
mohammad
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#38
1-Methylnaphthalene
Concen: 47.019 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.8	107.8
116	3.7	2.9	4.3





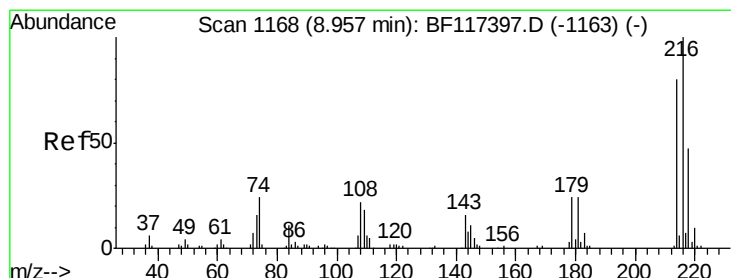
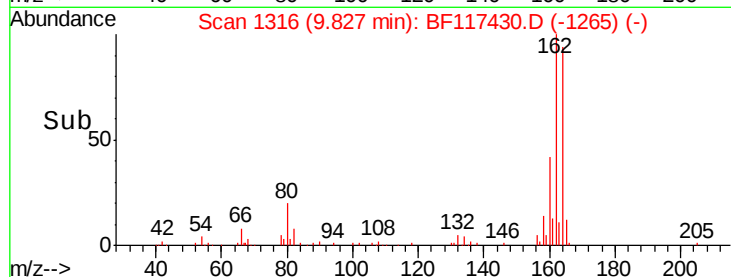
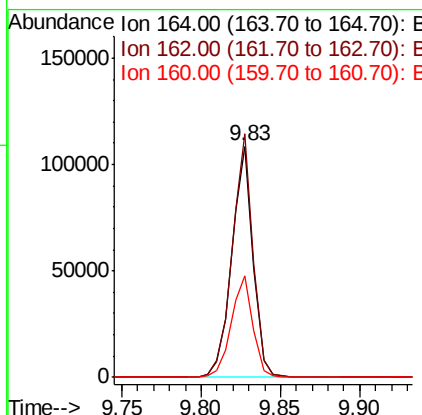
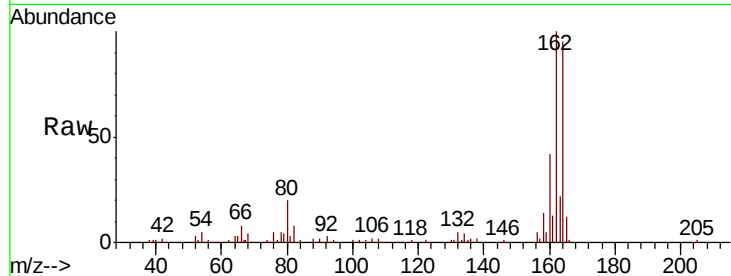
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.5	82.4	123.6	
160	44.2	35.4	53.0	

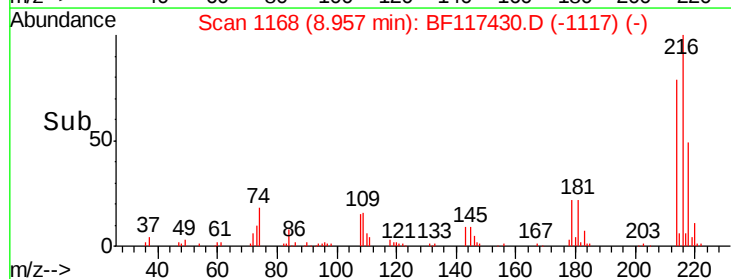
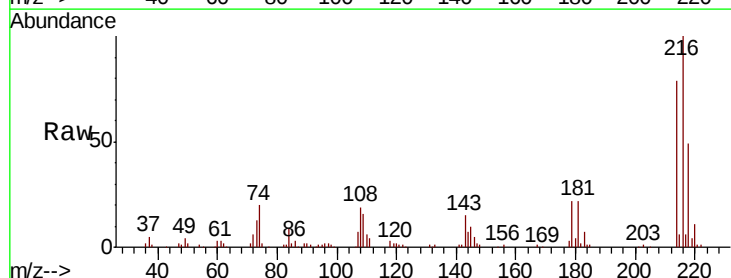
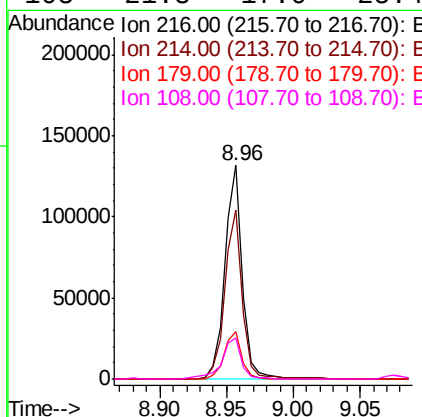
Manual Integrations
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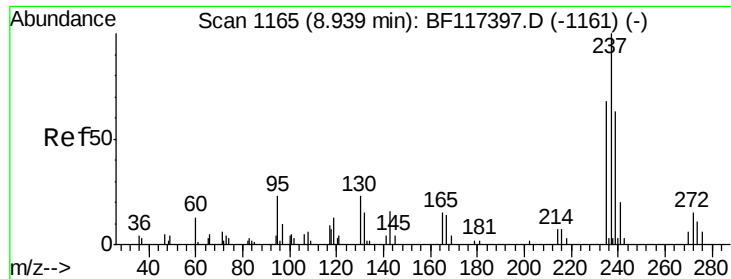
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.778 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.8	95.6	
179	22.5	18.6	28.0	
108	21.8	17.0	25.4	





#41

Hexachlorocyclopentadiene

Concen: 109.813 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Instrument :

BNA_F

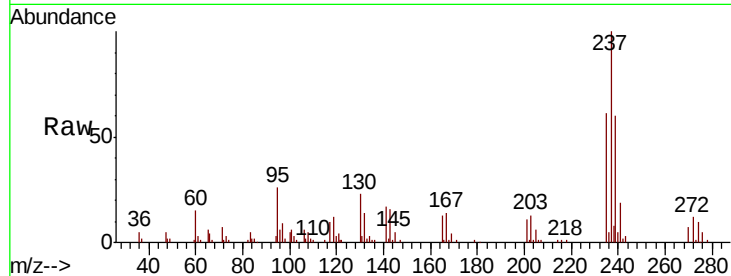
ClientSampleId :

SU-01-101519MSD

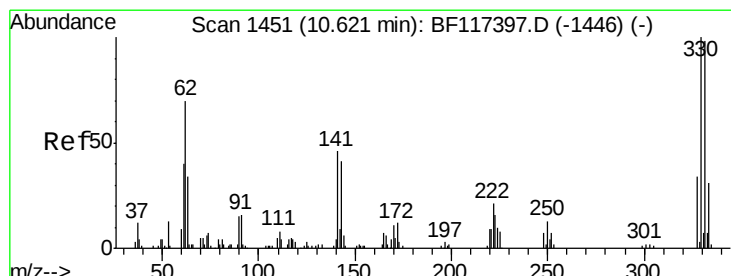
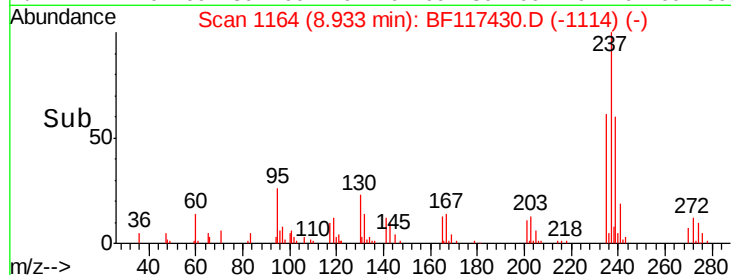
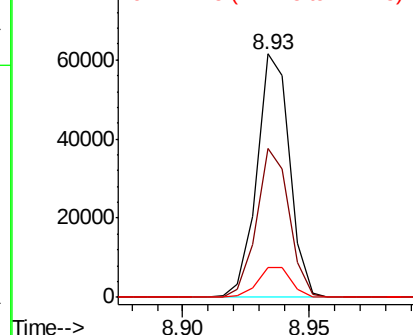
Tot Ion:	237	Resp:	55373
Ion Ratio	Lower	Upper	
237	100		
235	61.2	47.8	87.8
272	12.4	0.0	35.0

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 173.333 ng

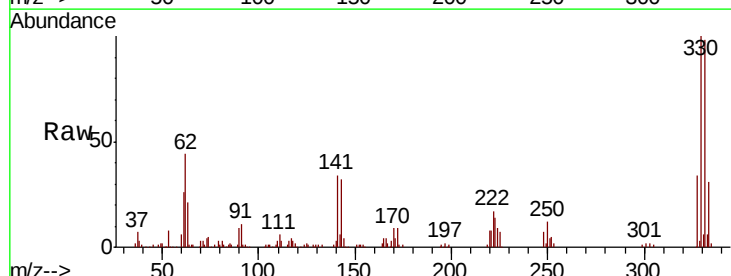
RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

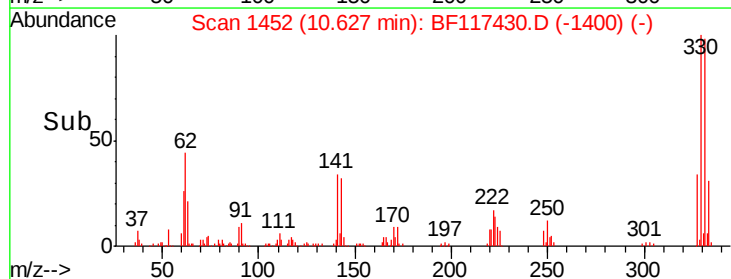
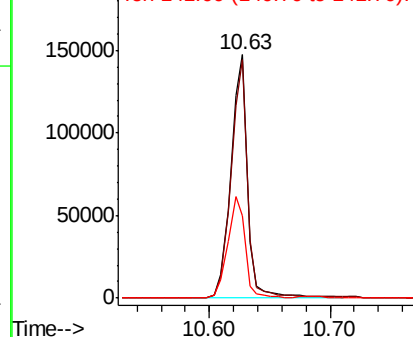
Lab File: BF117430.D

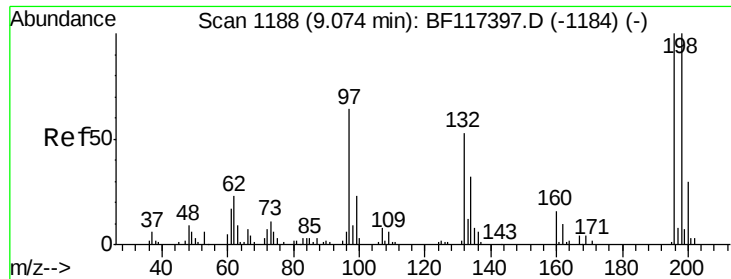
Acq: 17 Oct 2019 19:13

Tgt Ion:	330	Resp:	141541
Ion Ratio	Lower	Upper	
330	100		
332	98.4	75.0	112.6
141	43.5	34.2	51.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





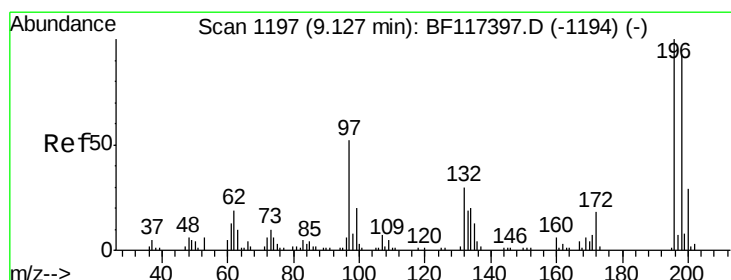
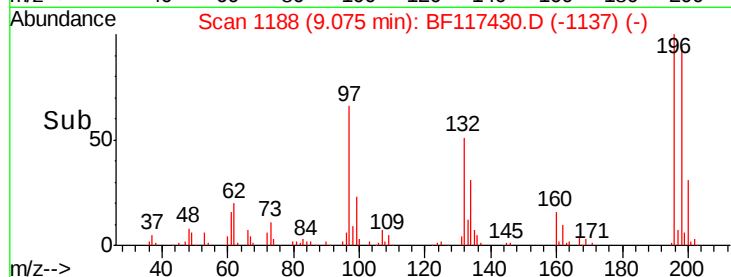
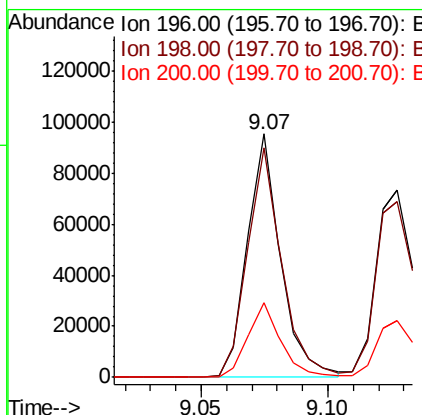
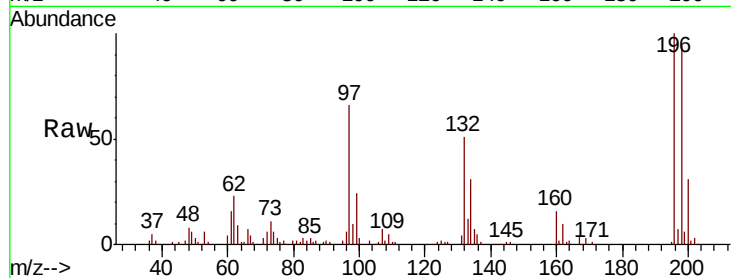
#43
 2,4,6-Trichlorophenol
 Concen: 51.334 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MSD

Tot Ion:	196	Resp:	87725
Ion Ratio	Lower	Upper	
196	100		
198	94.5	79.8	119.6
200	30.5	23.7	35.5

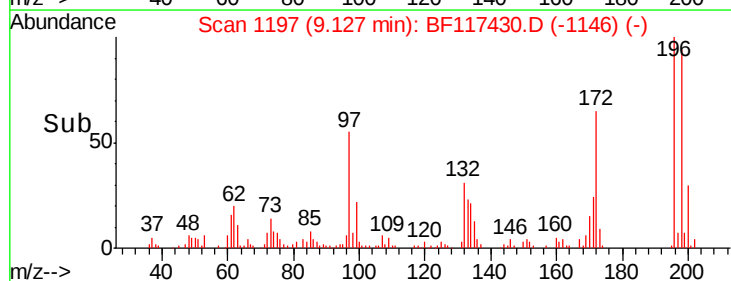
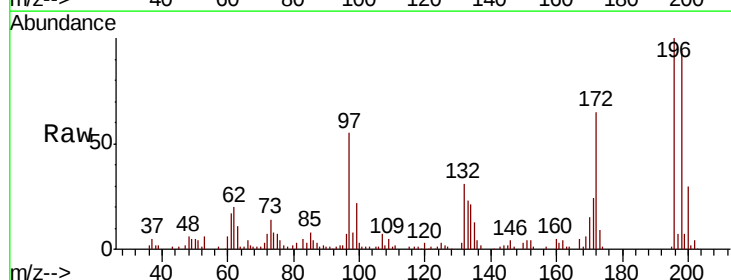
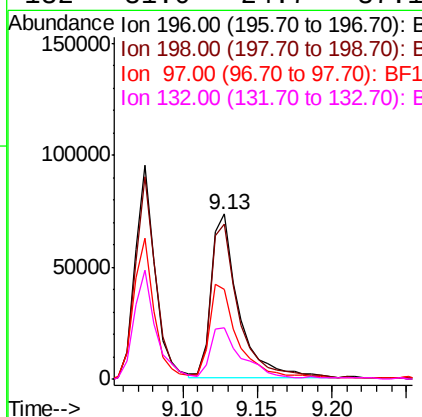
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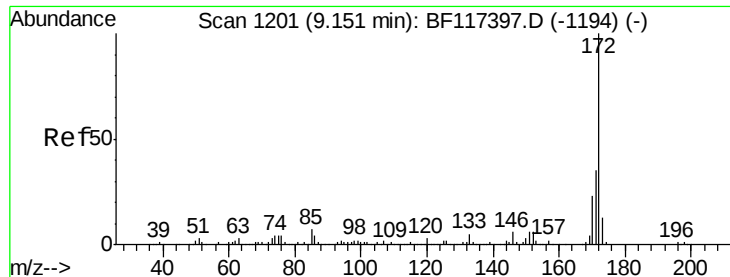
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#44
 2,4,5-Trichlorophenol
 Concen: 53.810 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Tgt Ion:	196	Resp:	93798
Ion Ratio	Lower	Upper	
196	100		
198	93.8	74.9	112.3
97	54.6	42.5	63.7
132	31.0	24.7	37.1





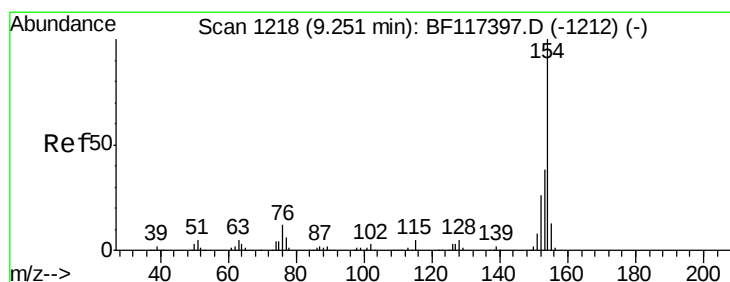
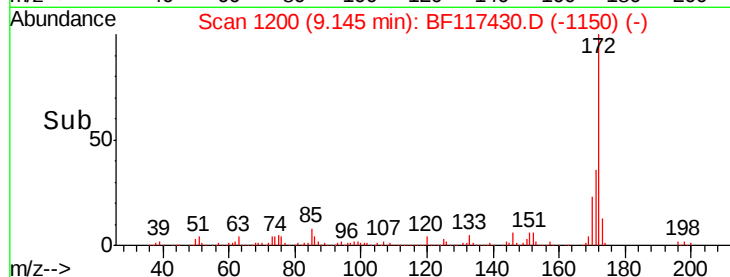
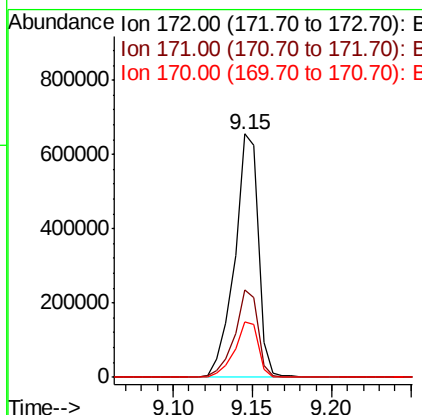
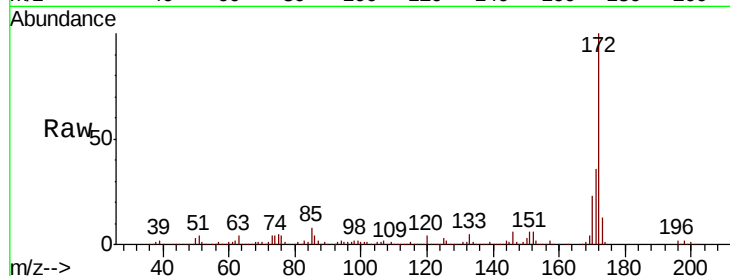
#45
2-Fluorobiphenyl
Concen: 98.905 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	22.6	18.2	27.2

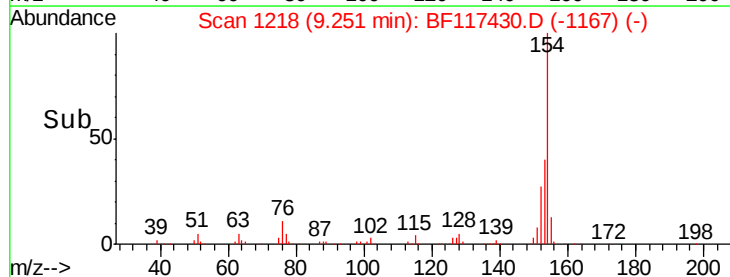
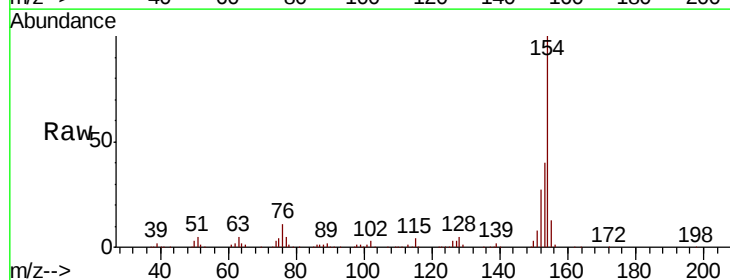
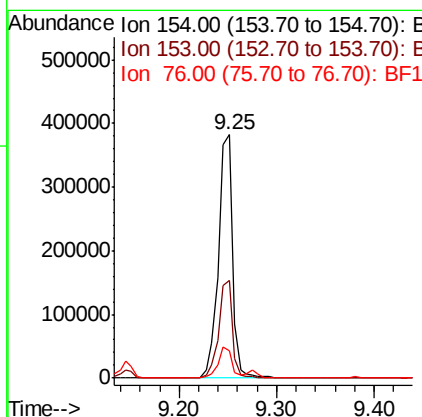
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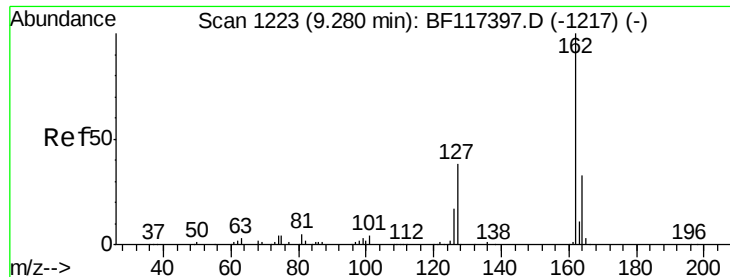
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#46
1,1'-Biphenyl
Concen: 47.104 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	18.3	58.3
76	11.1	0.0	32.3





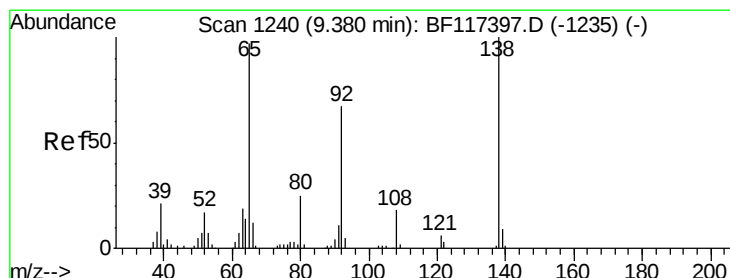
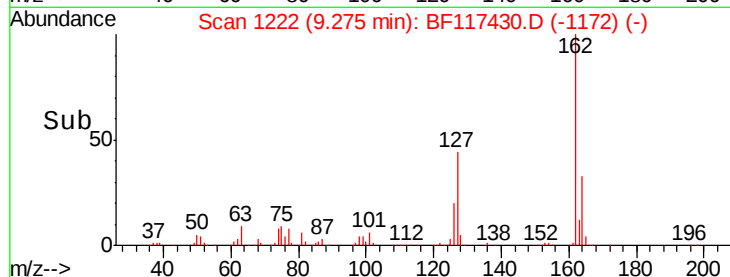
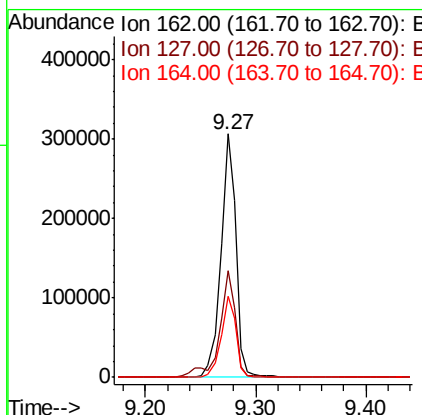
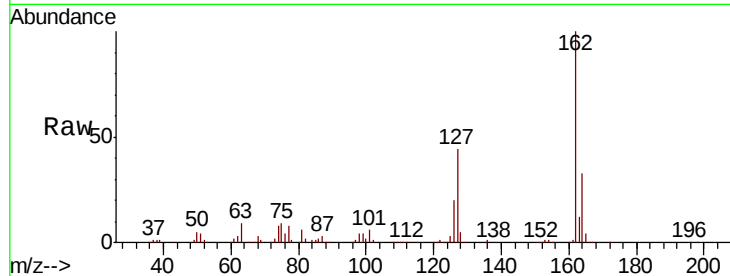
#47
 2-Chloronaphthalene
 Concen: 45.642 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	291634		
127	43.9	32.6	48.8	
164	33.1	26.2	39.4	

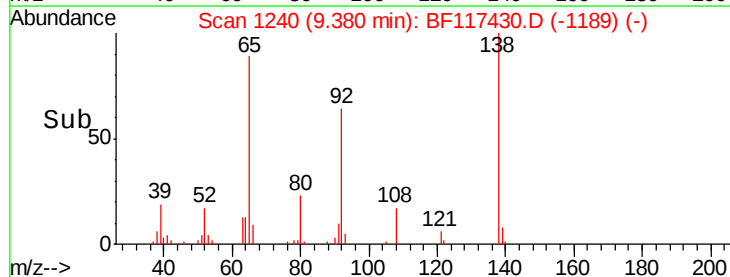
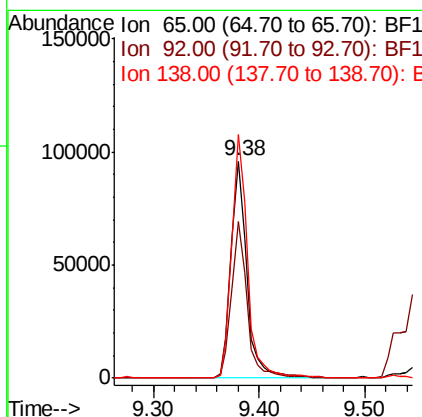
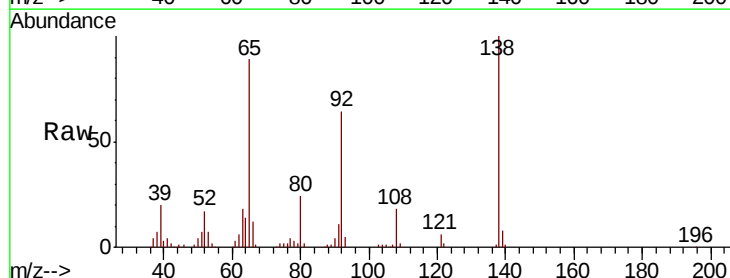
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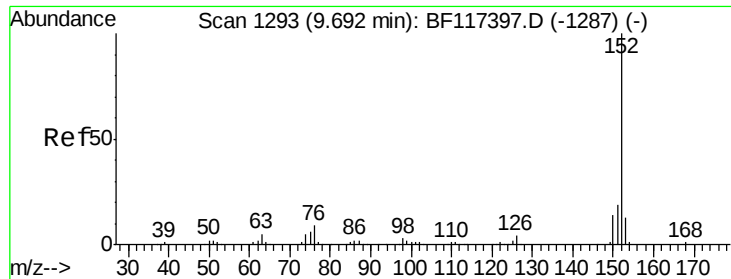
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#48
 2-Nitroaniline
 Concen: 49.056 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	100011		
92	71.8	55.4	83.0	
138	112.1	82.6	124.0	





#49

Acenaphthylene

Concen: 49.561 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Instrument :

BNA_F

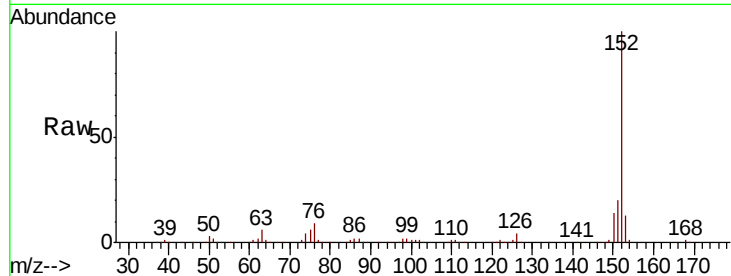
ClientSampleId :

SU-01-101519MSD

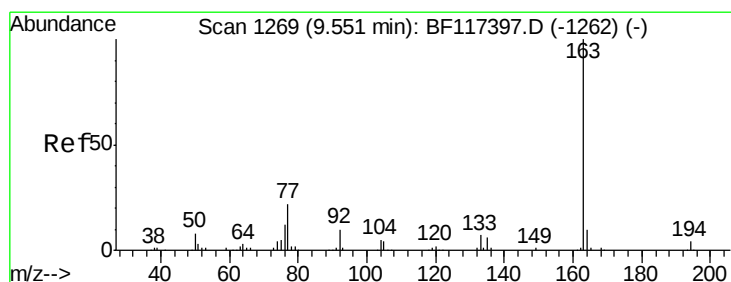
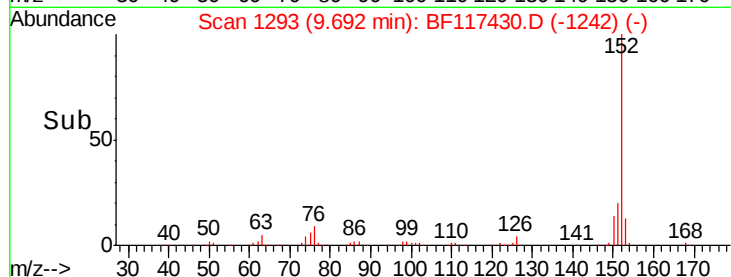
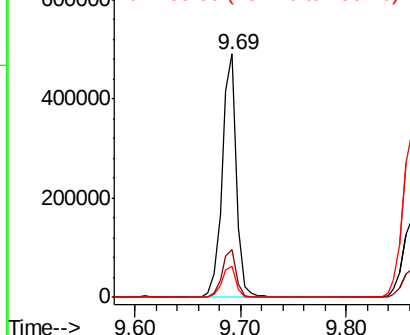
Tot Ion:	152	Resp:	464245
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.5	23.3
153	12.5	10.6	16.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 66.736 ng

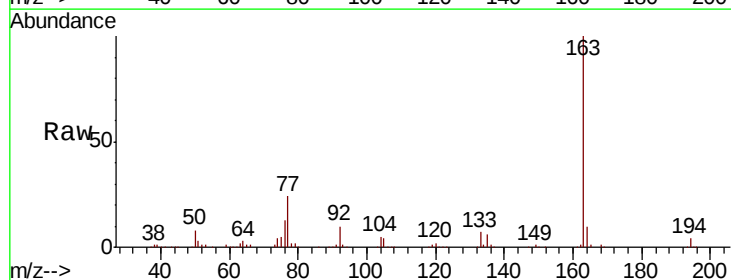
RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

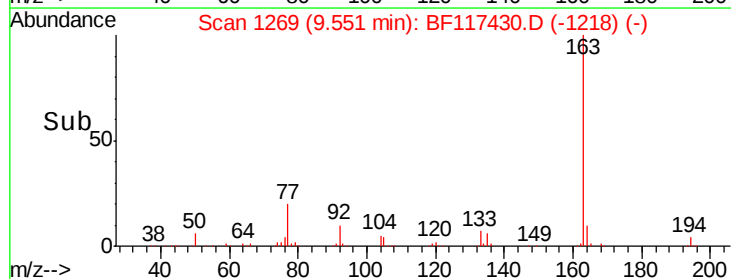
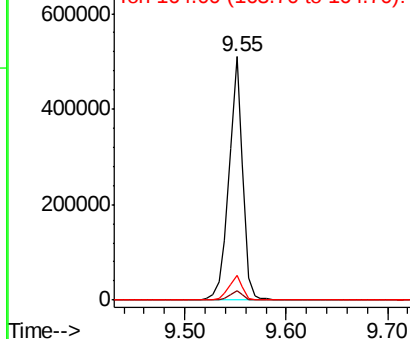
Lab File: BF117430.D

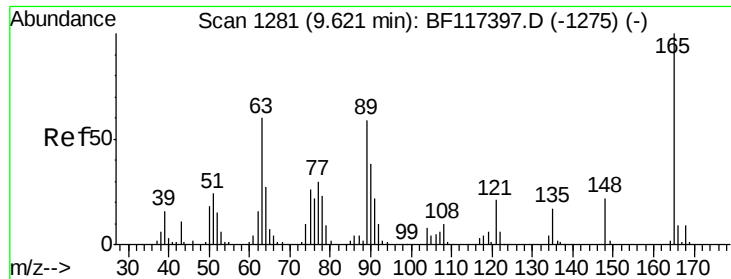
Acq: 17 Oct 2019 19:13

Tgt Ion:	163	Resp:	480889
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	9.9	8.0	12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





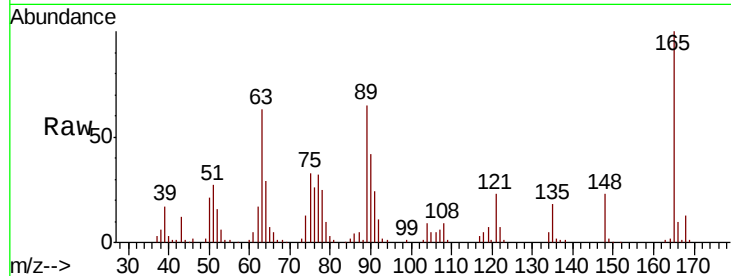
#51
2,6-Dinitrotoluene
Concen: 53.963 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

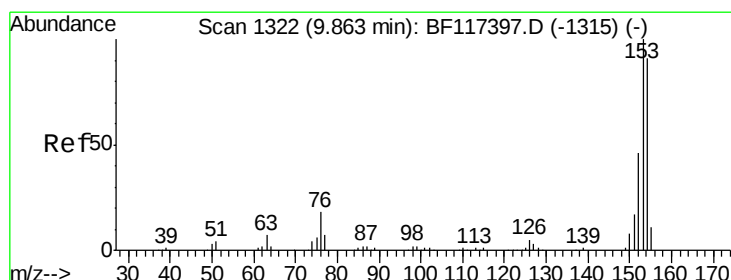
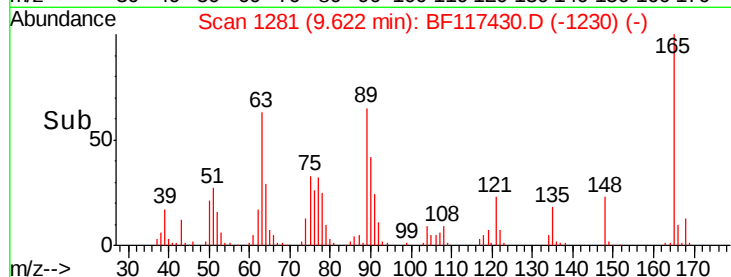
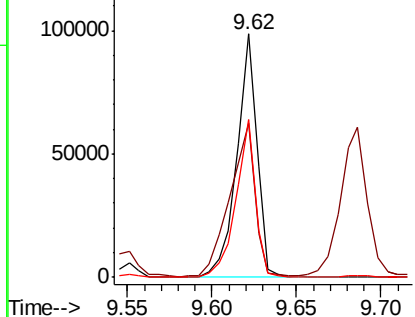
Tot Ion	Ratio	Lower	Upper
165	100		
63	63.5	47.8	71.6
89	64.6	47.4	71.0

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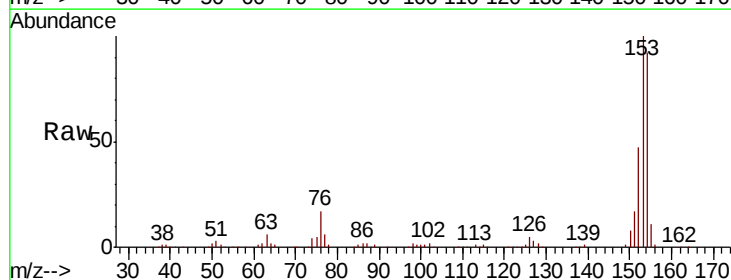


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

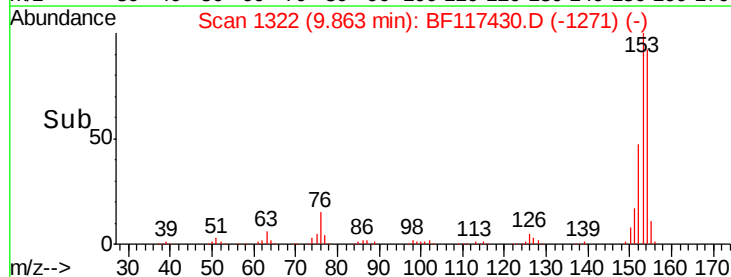
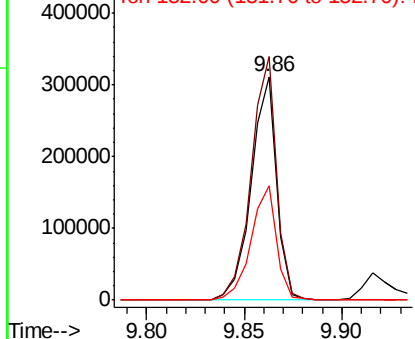


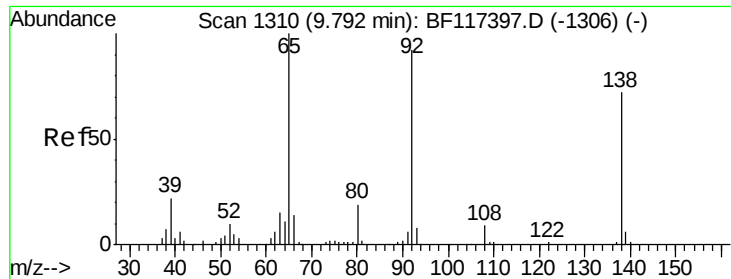
#52
Acenaphthene
Concen: 49.384 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.0	87.9	131.9
152	51.4	40.8	61.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





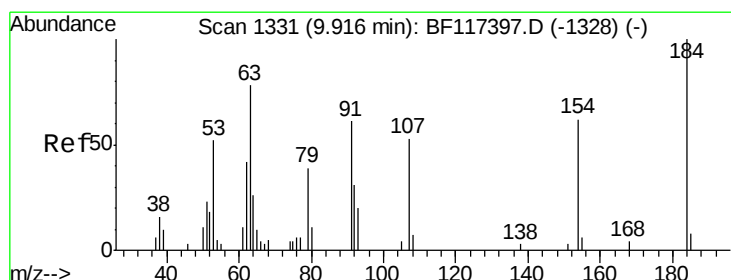
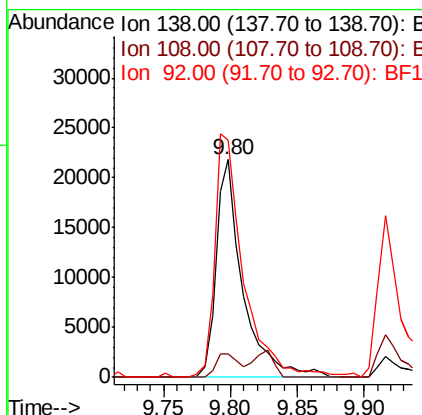
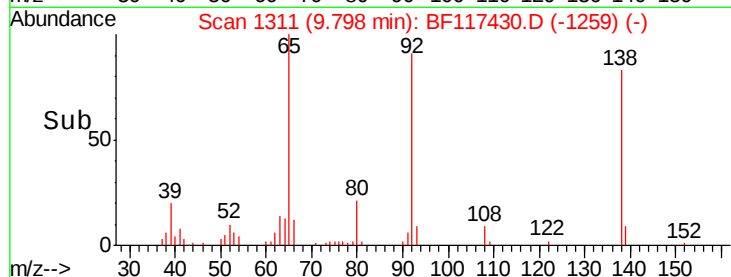
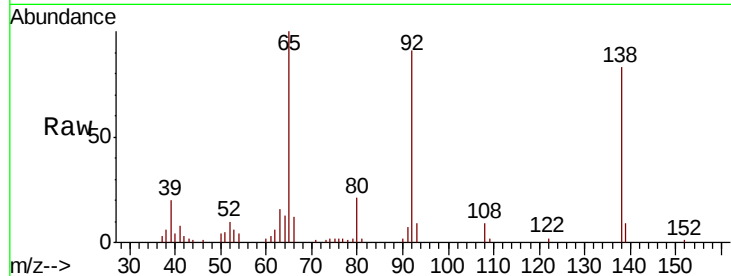
#53
3-Nitroaniline
Concen: 16.387 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion:138 Resp: 30309
Ion Ratio Lower Upper
138 100
108 10.5 9.5 14.3
92 109.1 102.2 153.4

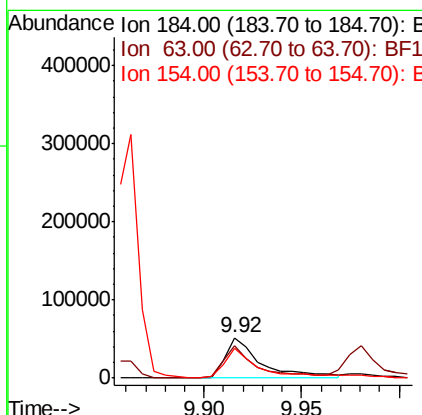
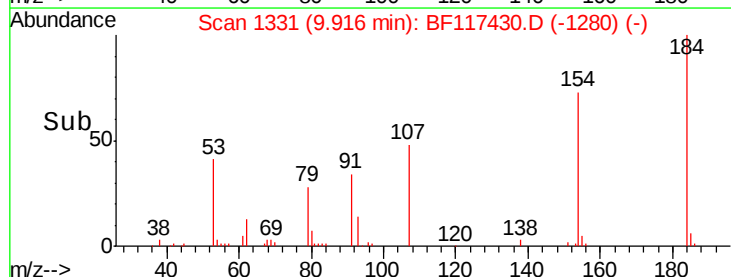
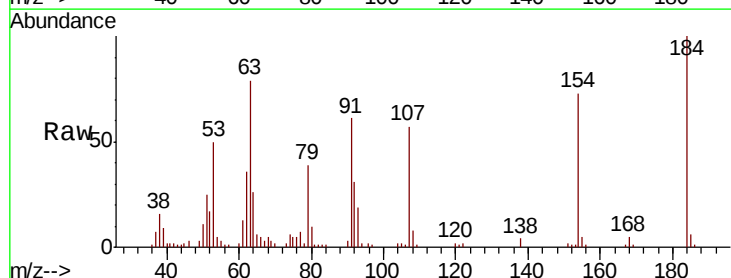
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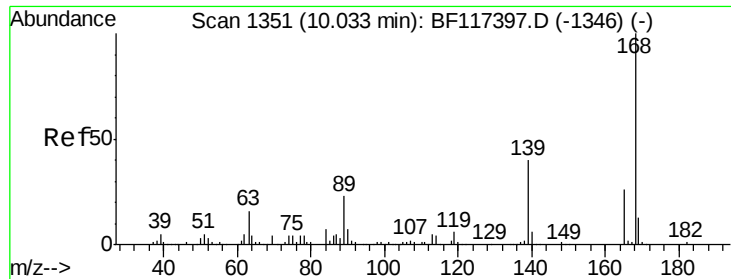
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#54
2,4-Dinitrophenol
Concen: 101.574 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion:184 Resp: 66769
Ion Ratio Lower Upper
184 100
63 78.8 62.4 93.6
154 72.5 53.5 80.3





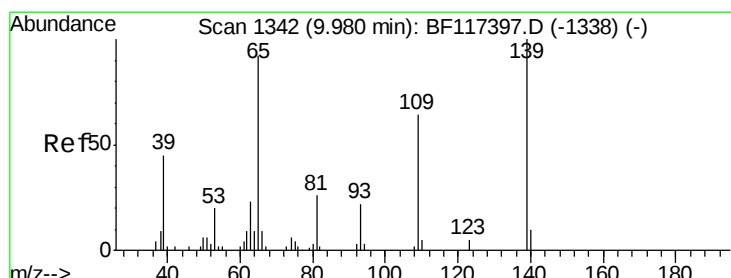
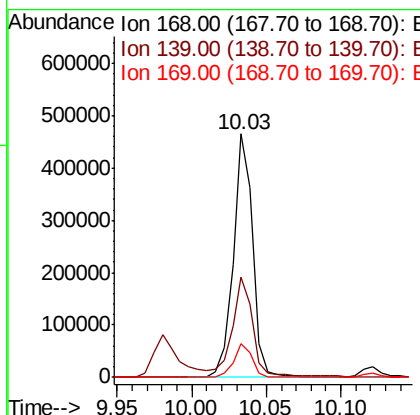
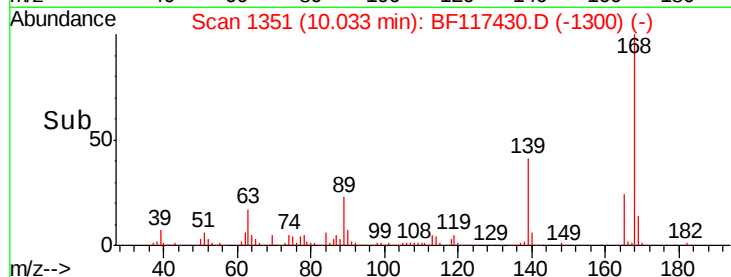
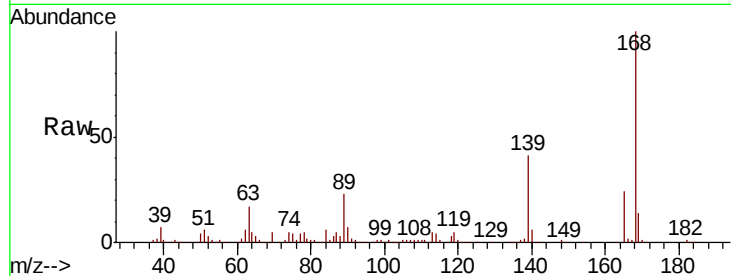
#55
Dibenzofuran
Concen: 51.299 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	33.3	49.9
169	13.7	10.7	16.1

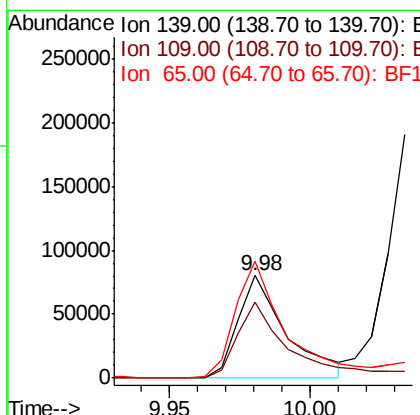
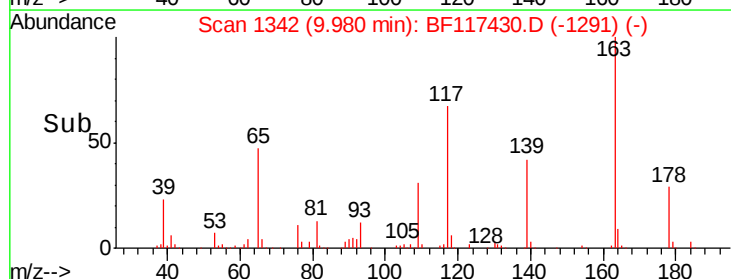
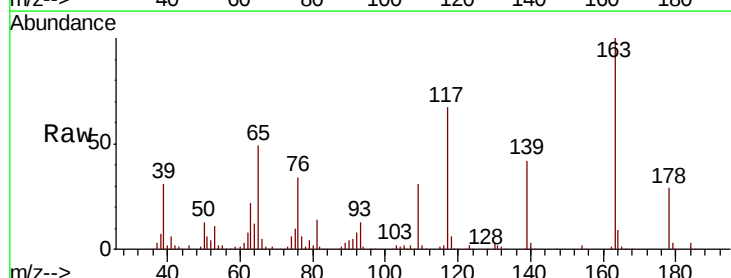
Manual Integrations
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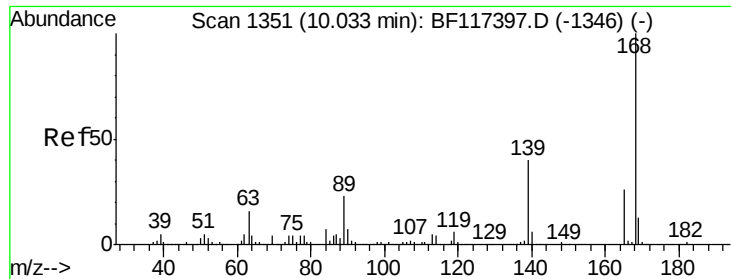
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#56
4-Nitrophenol
Concen: 112.056 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.8	43.8	83.8
65	114.2	73.9	113.9#





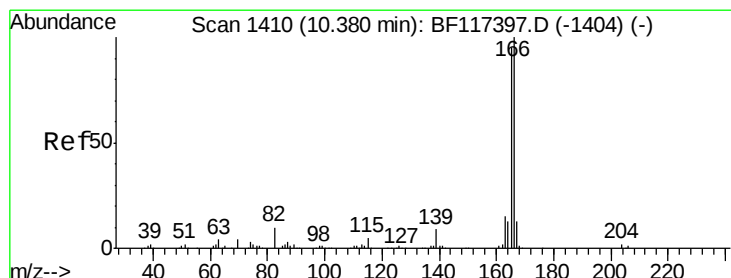
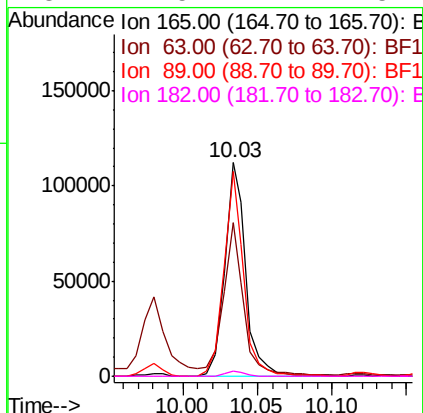
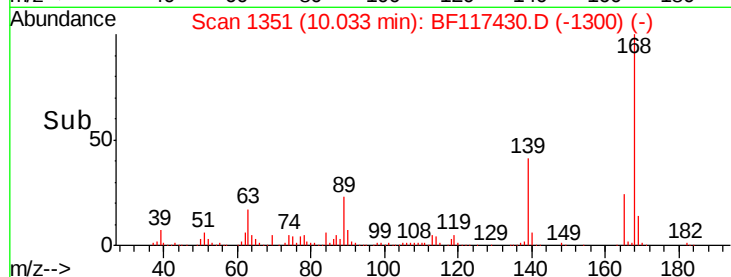
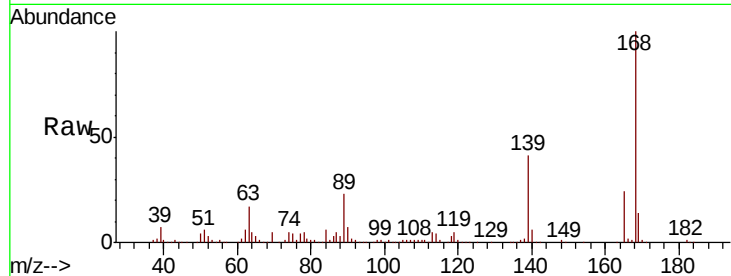
#57
2,4-Dinitrotoluene
Concen: 55.550 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	111015		
63	72.2	51.0	76.4	
89	95.6	70.7	106.1	
182	2.5	2.1	3.1	

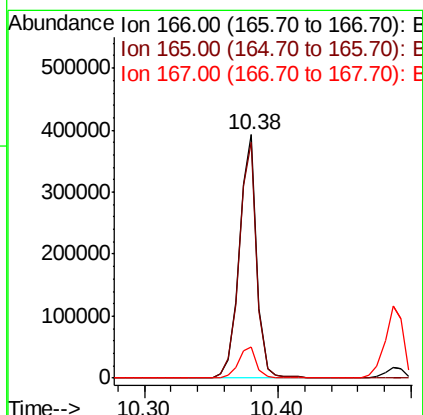
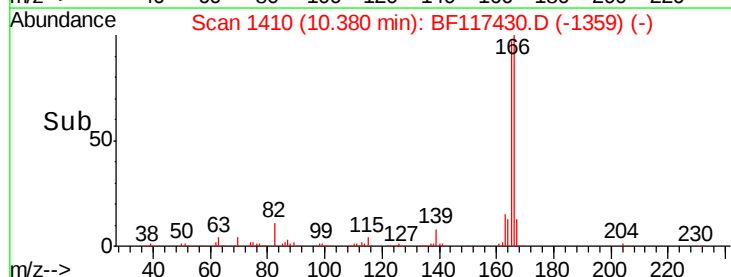
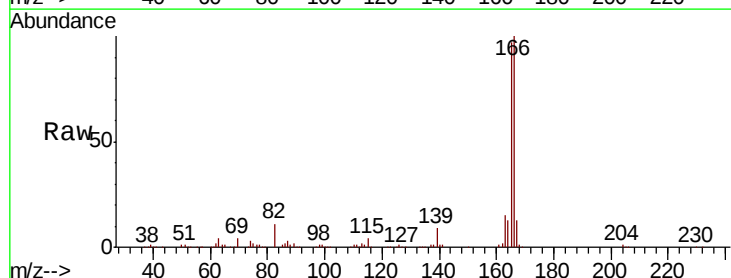
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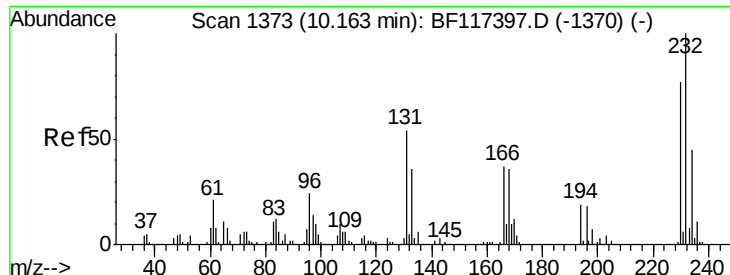
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#58
Fluorene
Concen: 51.444 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	355649		
165	97.0	75.7	113.5	
167	12.5	10.4	15.6	





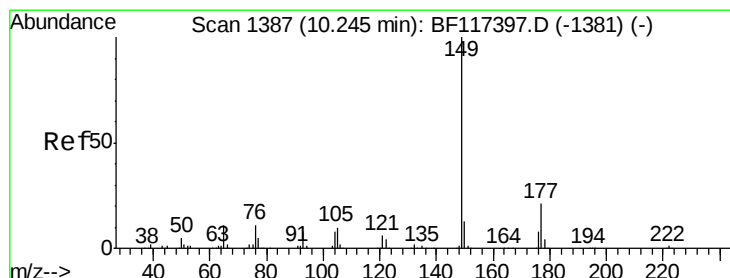
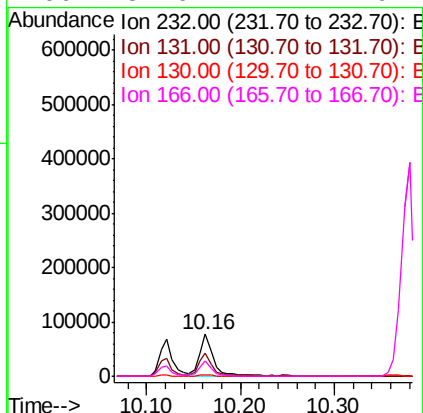
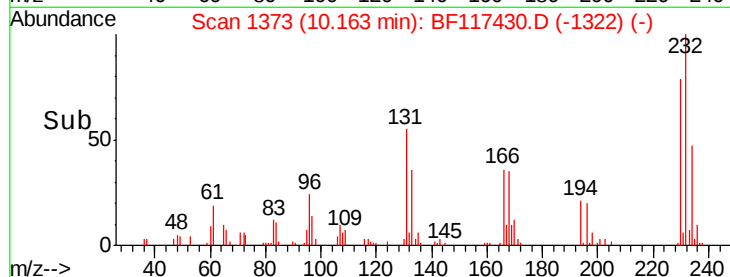
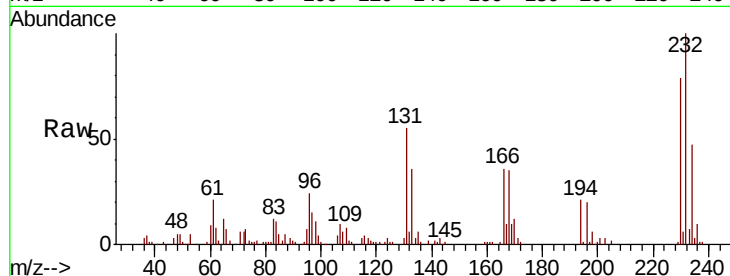
#59
2,3,4,6-Tetrachlorophenol
Concen: 58.189 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ion	Ratio	Lower	Upper
232	100			
131	52.7	44.5	66.7	
130	2.8	2.0	3.0	
166	34.6	27.1	40.7	

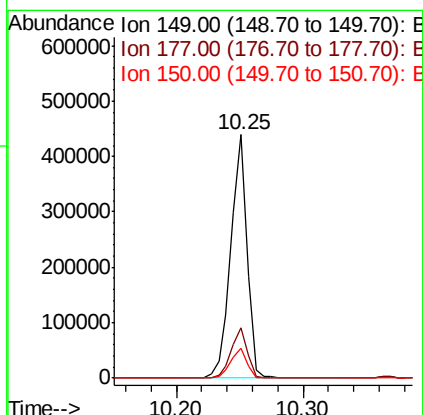
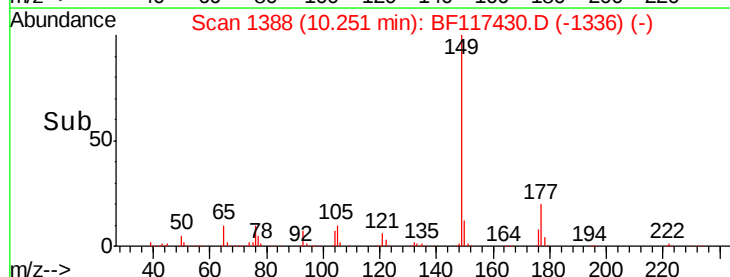
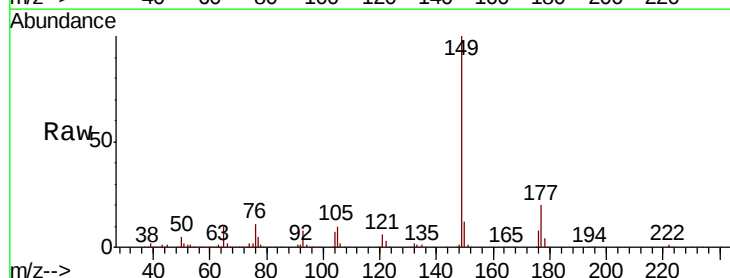
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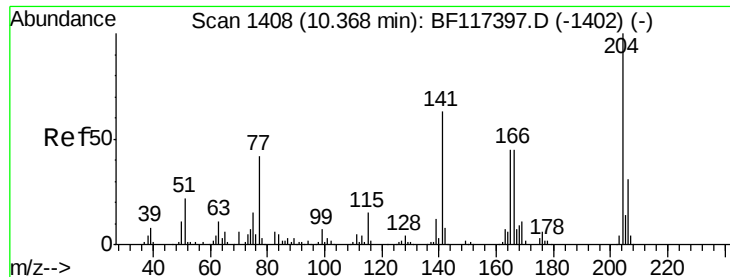
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#60
Diethylphthalate
Concen: 53.376 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
177	20.5	16.5	24.7	
150	12.1	10.1	15.1	





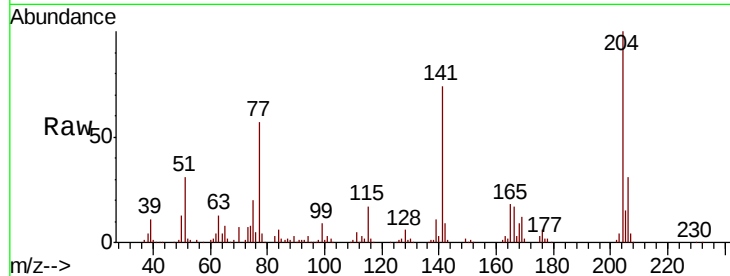
#61
4-Chlorophenyl-phenylether
Concen: 51.860 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.3	25.0	37.4
141	73.6	50.7	76.1

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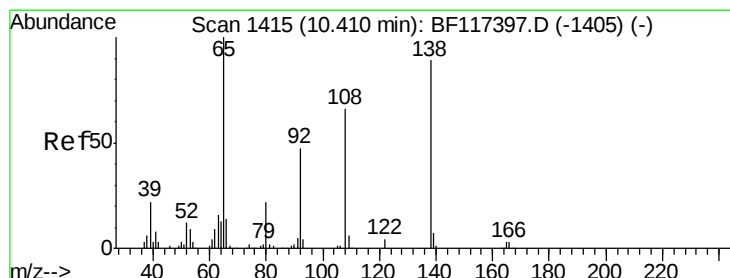
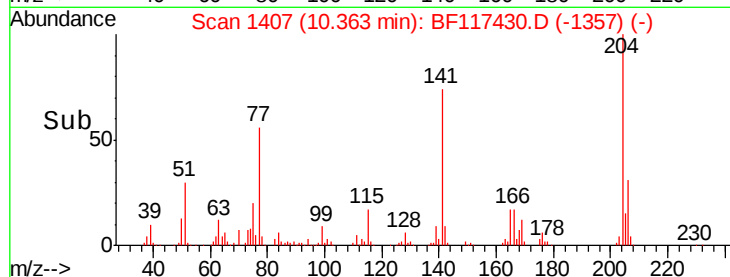
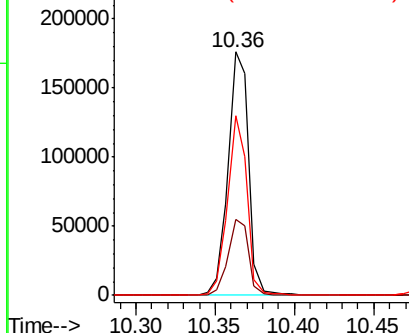


Abundance

Ion 204.00 (203.70 to 204.70): E

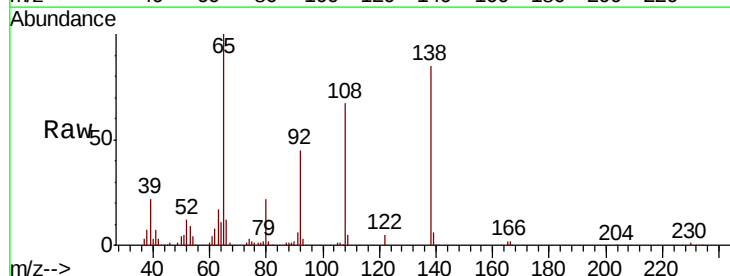
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.040 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	32.4	72.4
108	79.0	53.8	93.8

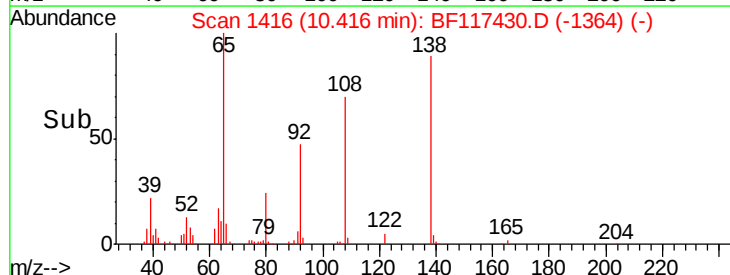
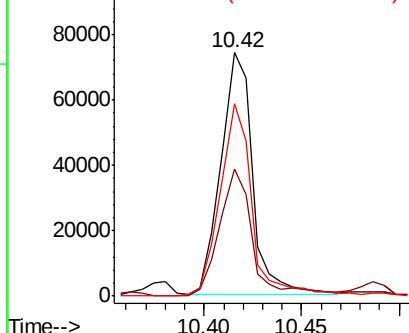


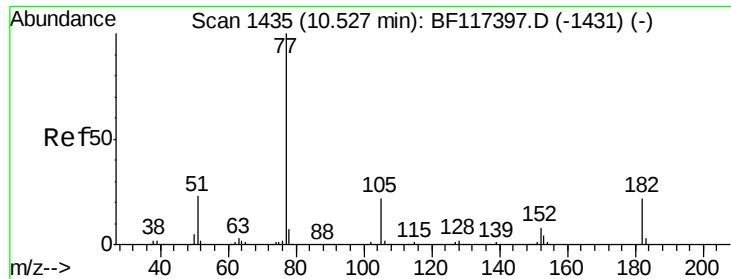
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





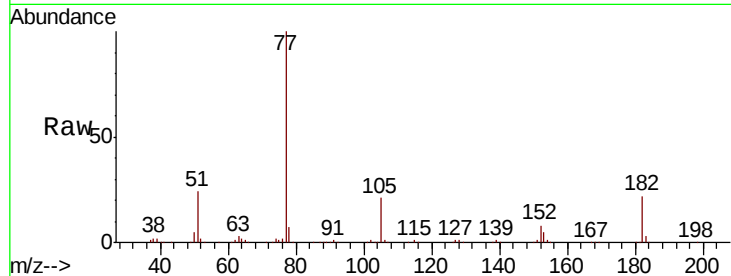
#63
Azobenzene
Concen: 52.738 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

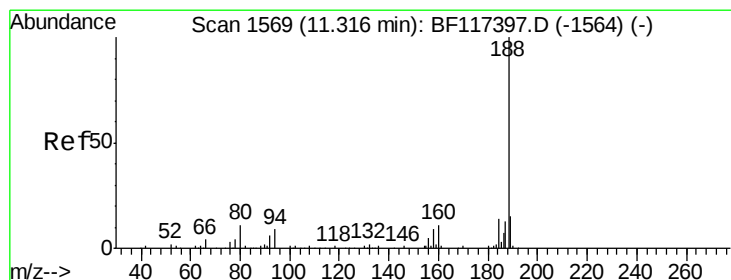
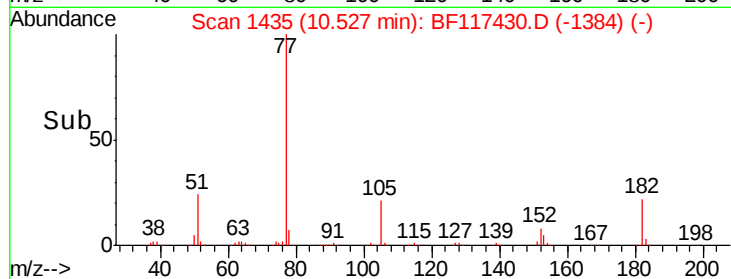
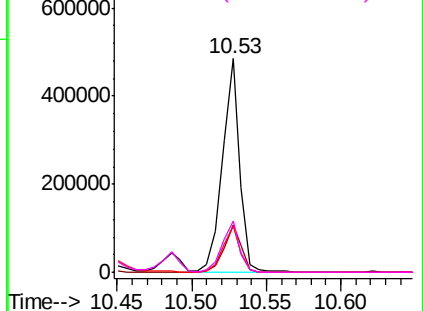
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.2	1.5	41.5	
105	21.5	1.8	41.8	
51	23.8	3.3	43.3	

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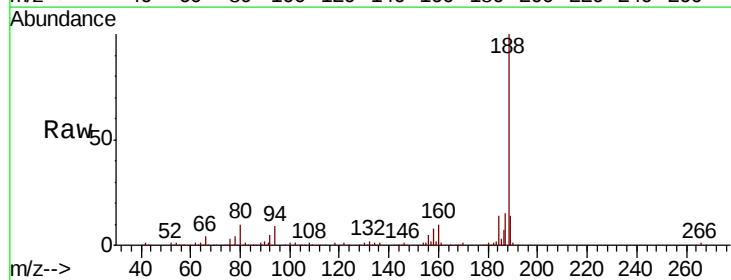


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

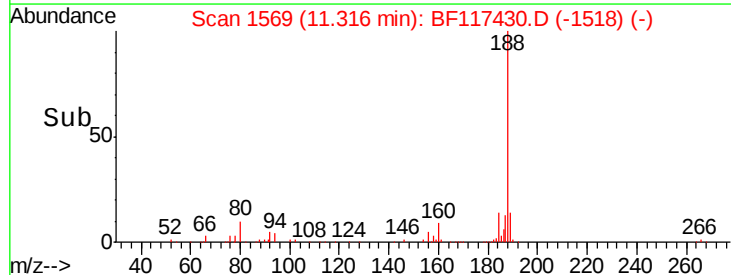
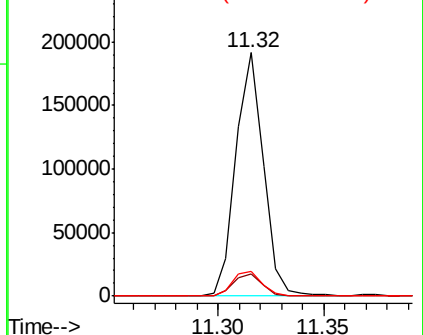


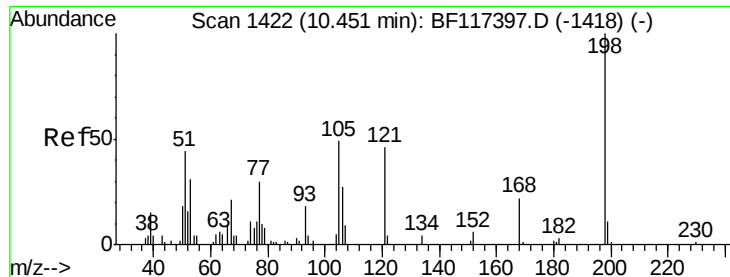
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	7.5	11.3	
80	10.4	8.7	13.1	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 52.967 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Instrument :

BNA_F

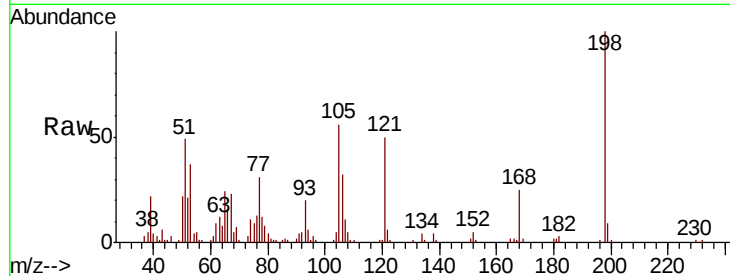
ClientSampleId :

SU-01-101519MSD

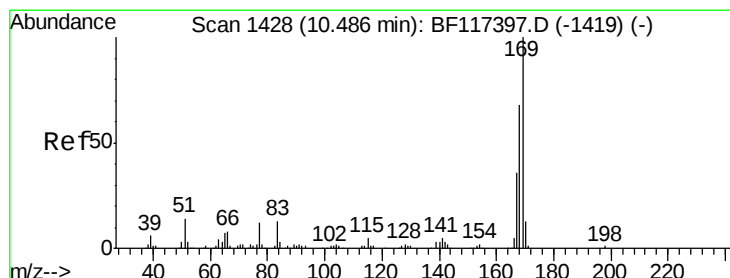
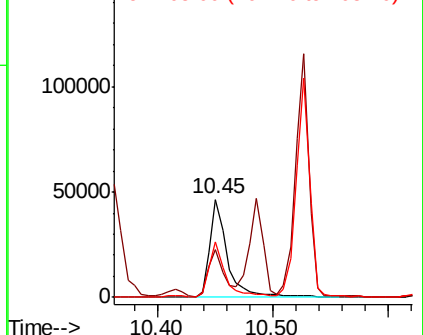
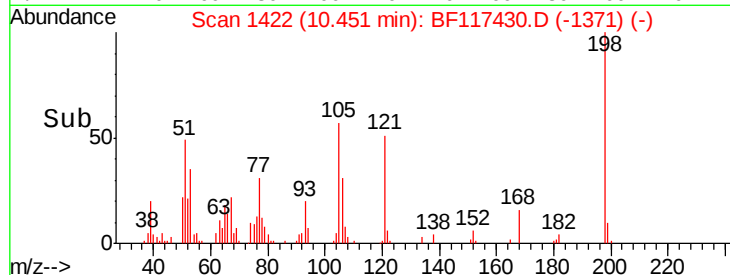
Tot Ion:	198	Resp:	49377
Ion Ratio	Lower	Upper	
198	100		
51	48.7	25.9	65.9
105	56.0	29.4	69.4

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.737 ng

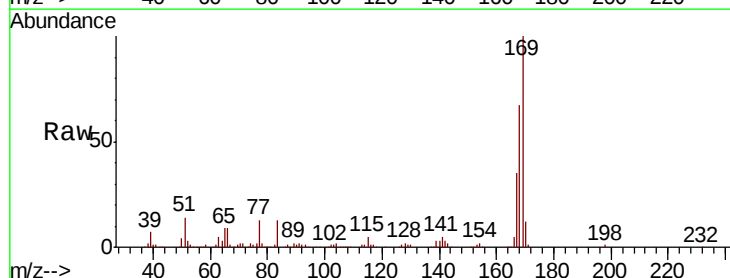
RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

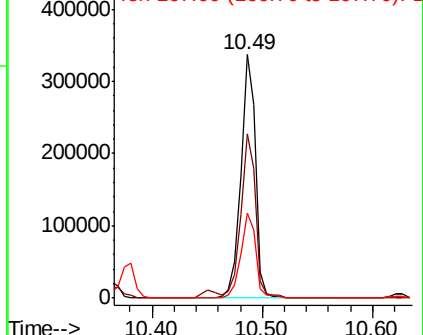
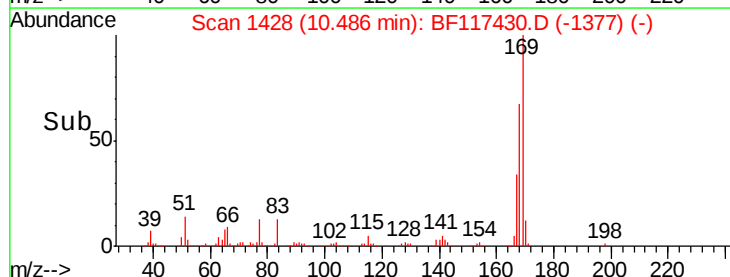
Lab File: BF117430.D

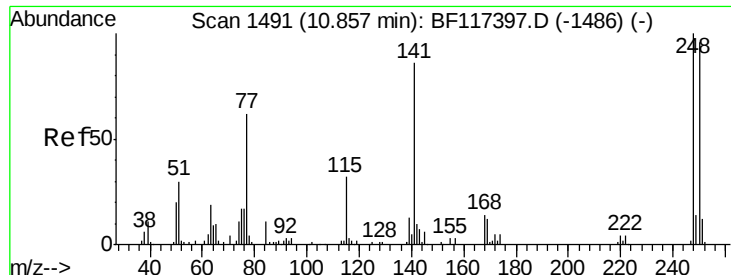
Acq: 17 Oct 2019 19:13

Tgt Ion:	169	Resp:	314288
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.1	81.1
167	34.7	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





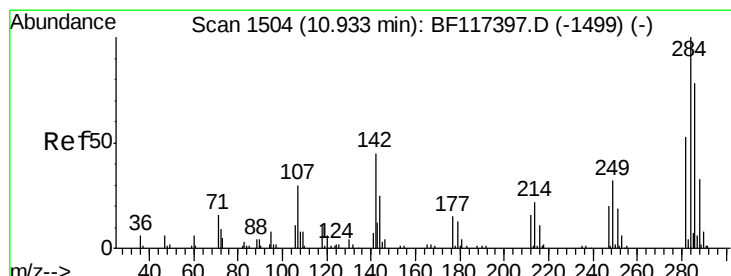
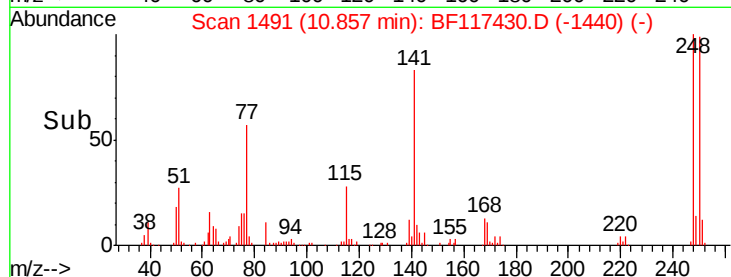
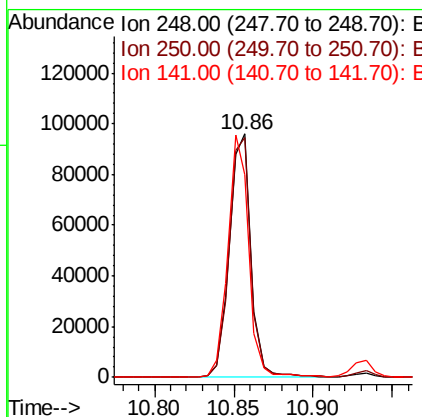
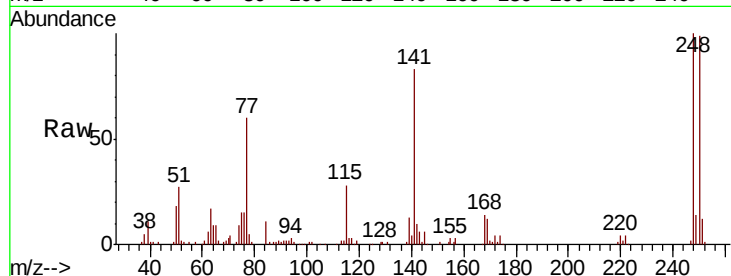
#67
 4-Bromophenyl-phenylether
 Concen: 47.854 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MSD

Tot Ion:	248	Resp:	90607
Ion Ratio	Lower	Upper	
248	100		
250	98.6	77.1	115.7
141	83.0	69.1	103.7

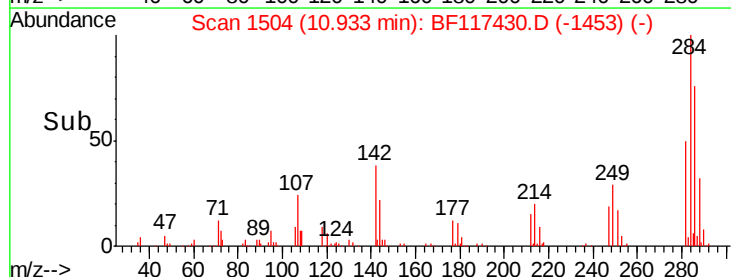
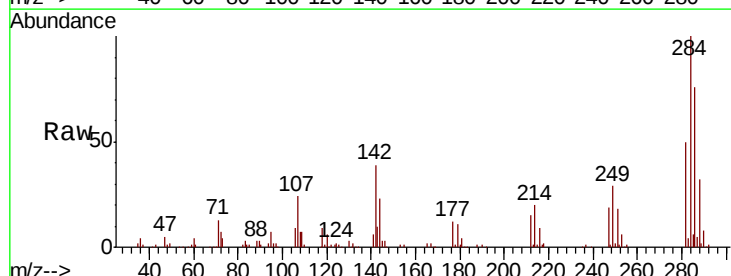
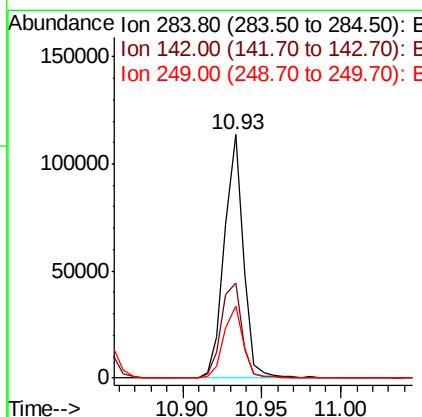
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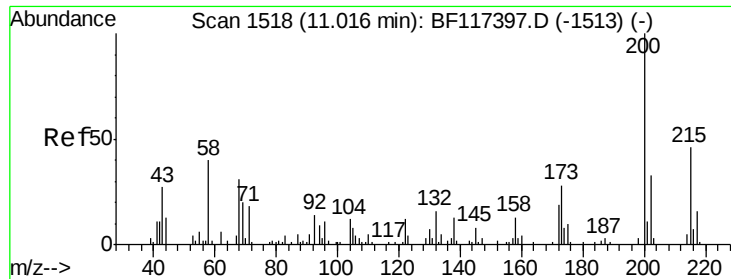
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#68
 Hexachlorobenzene
 Concen: 46.624 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Tgt Ion:	284	Resp:	94804
Ion Ratio	Lower	Upper	
284	100		
142	39.0	35.7	53.5
249	29.4	25.8	38.6





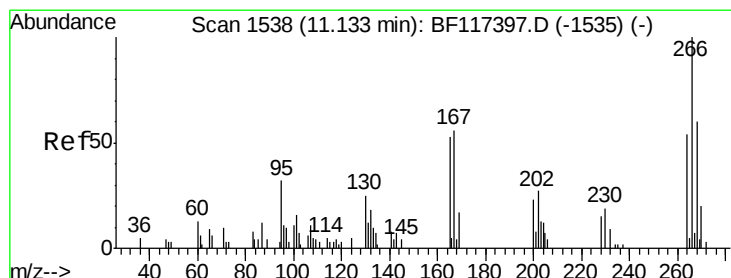
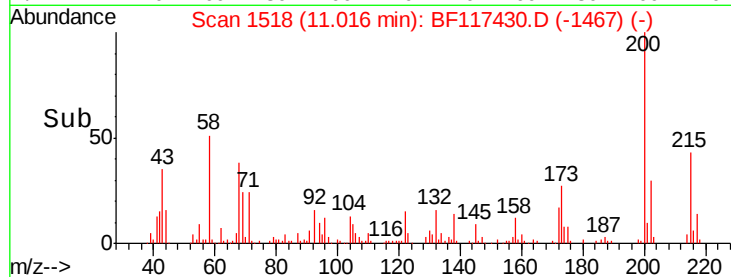
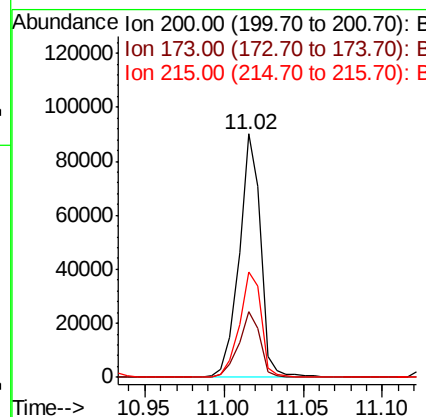
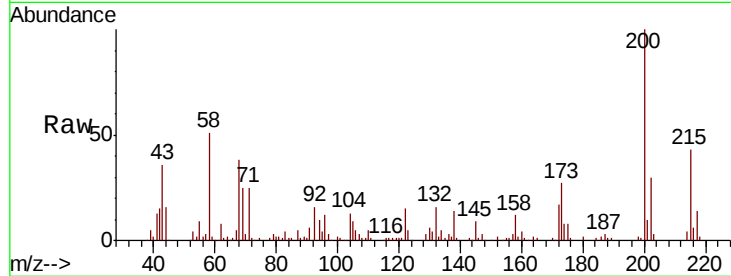
#69
Atrazine
Concen: 80.868 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.0	48.0
215	43.3	25.8	65.8

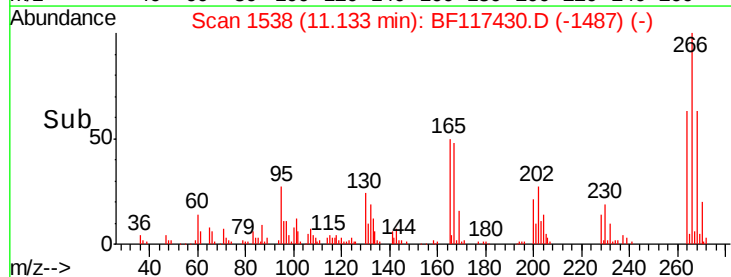
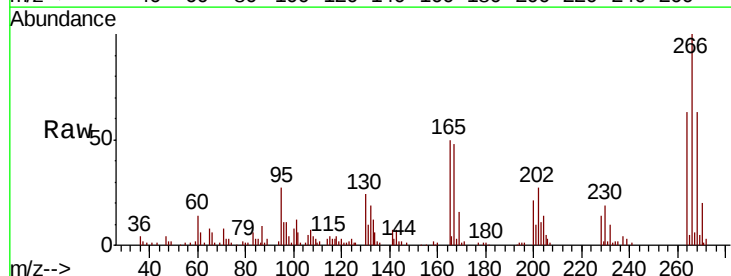
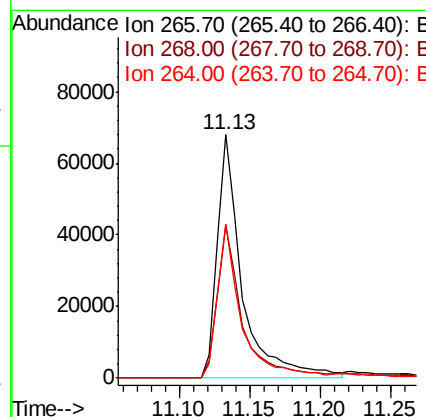
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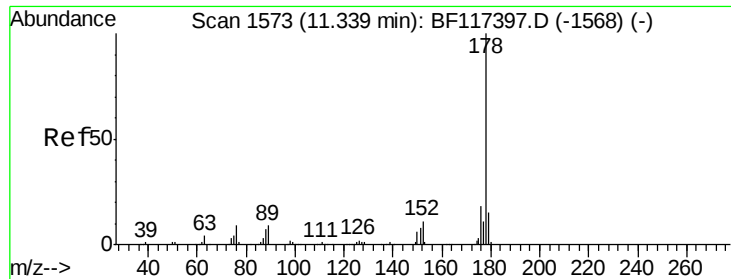
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#70
Pentachlorophenol
Concen: 137.551 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	47.8	71.6
264	63.2	42.9	64.3





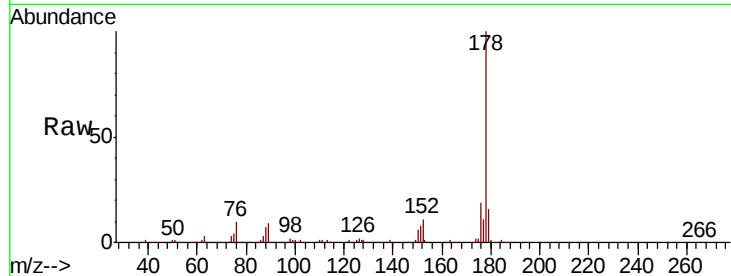
#71
Phenanthrene
Concen: 49.710 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

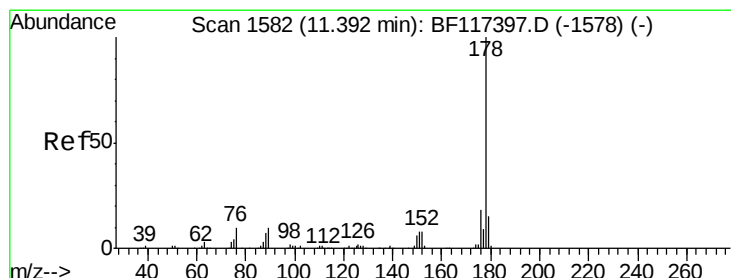
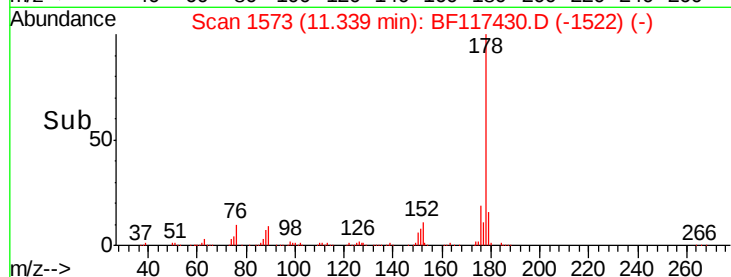
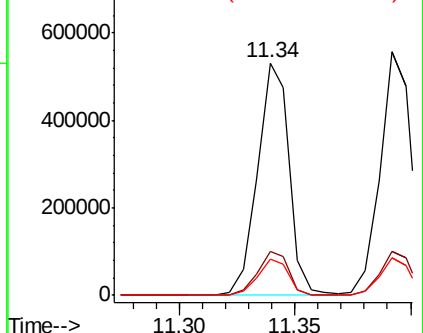
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.7	12.3	18.5

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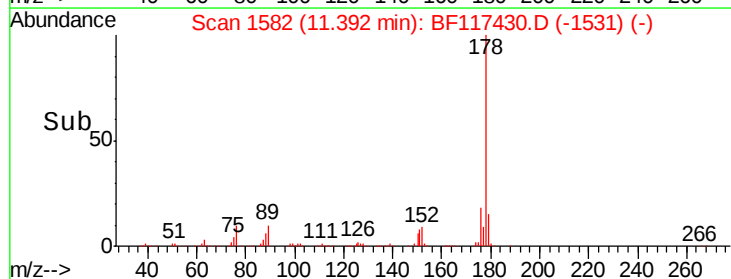
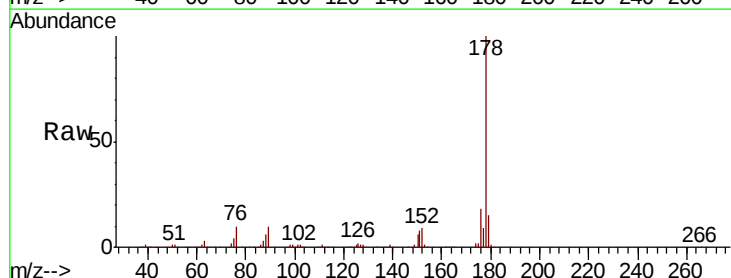
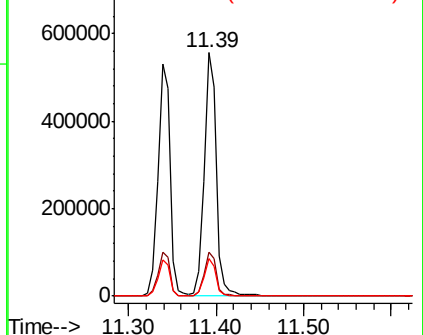
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

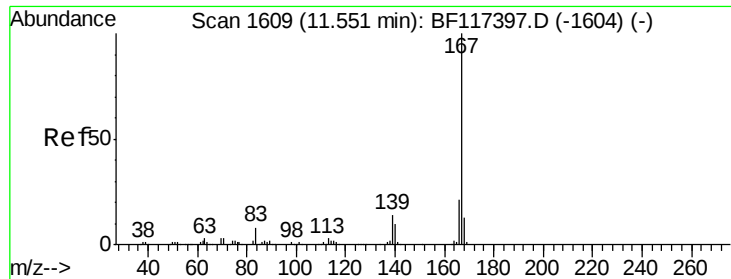


#72
Anthracene
Concen: 51.377 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.5	12.1	18.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





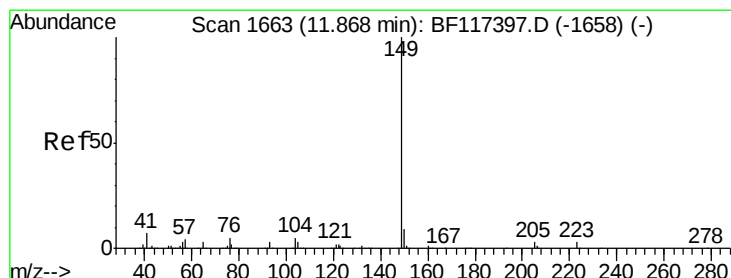
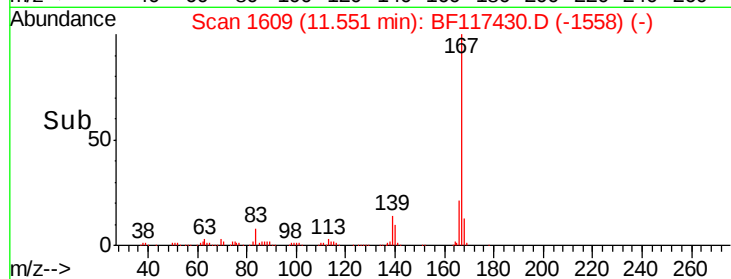
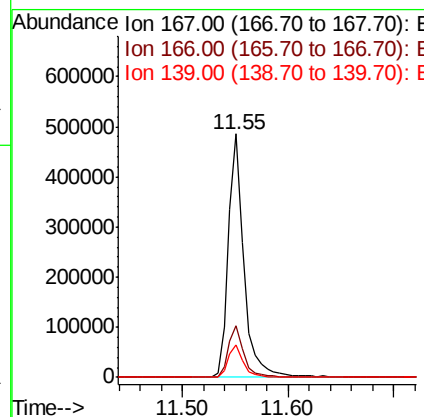
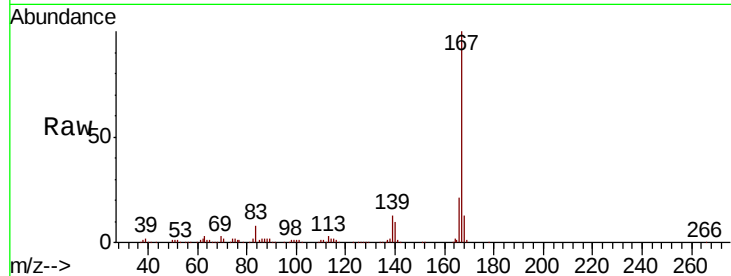
#73
 Carbazole
 Concen: 52.388 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	501296		
166	21.1		17.0	25.4
139	13.5		10.8	16.2

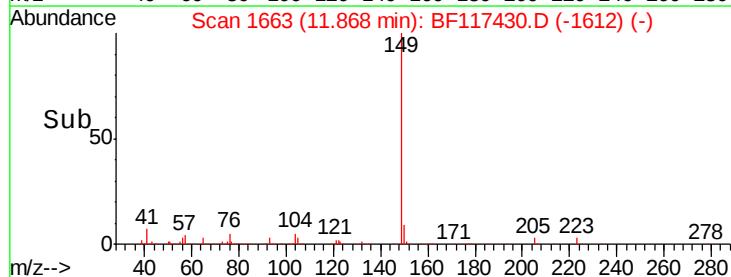
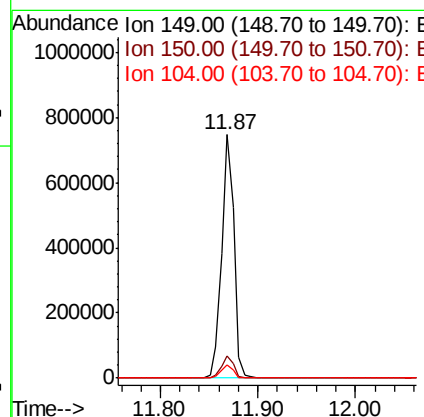
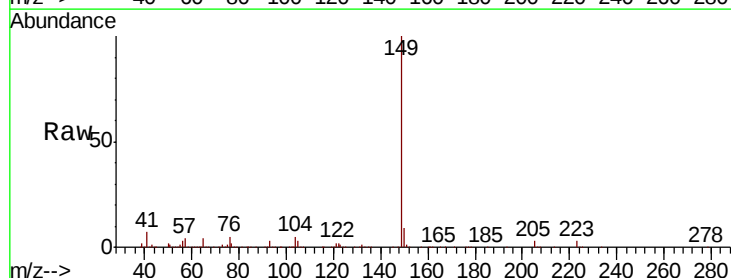
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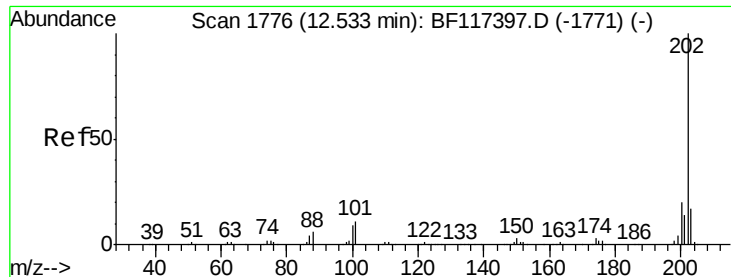
mohammad
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#74
 Di-n-butylphthalate
 Concen: 50.473 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	653989		
150	9.2		7.0	10.6
104	5.3		4.2	6.2





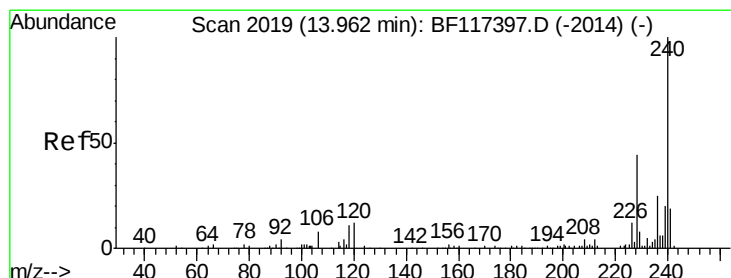
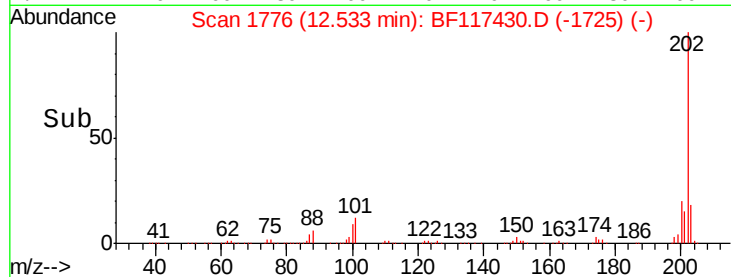
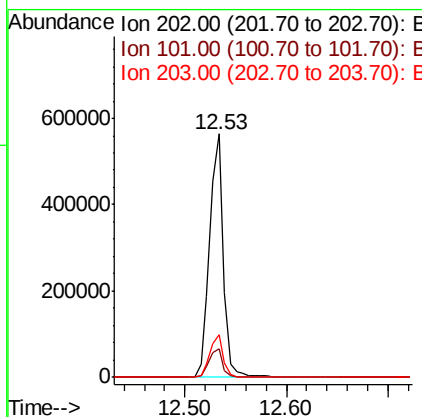
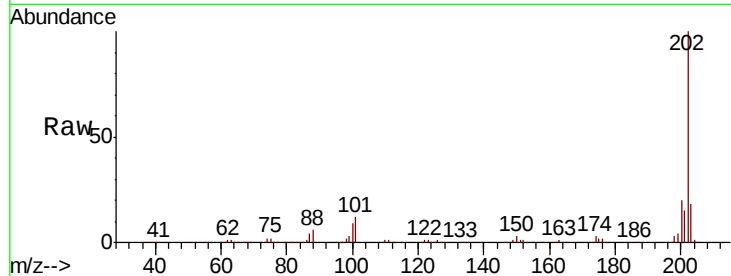
#75
 Fluoranthene
 Concen: 52.752 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	31.3
203	17.5	0.0	36.9

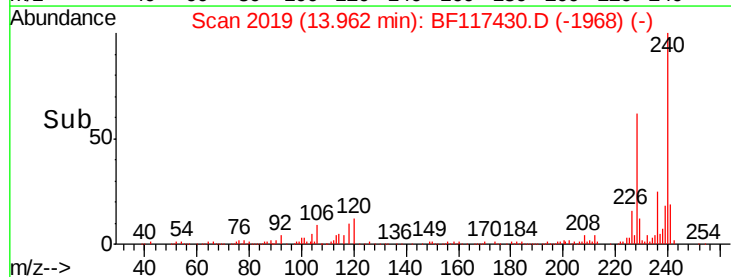
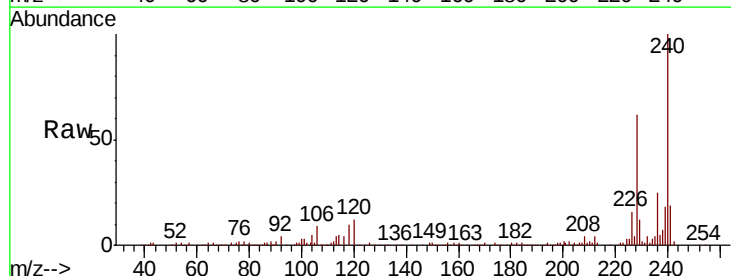
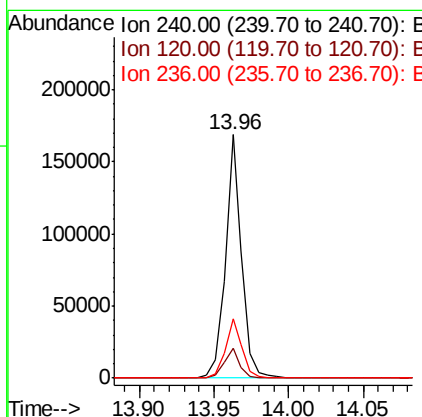
Manual Integrations
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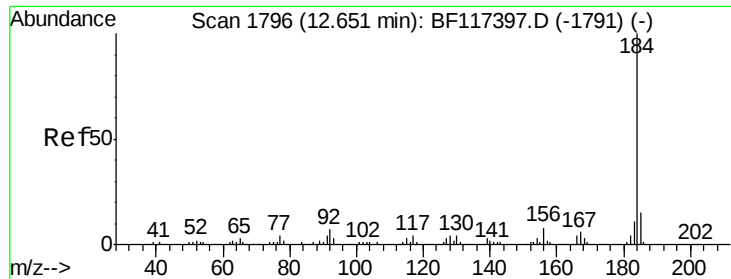
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.2	9.4	14.0
236	24.6	19.8	29.6





#77

Benzidine

Concen: 42.859 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Instrument :

BNA_F

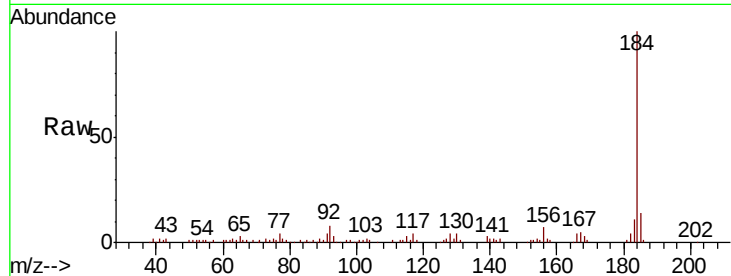
ClientSampleId :

SU-01-101519MSD

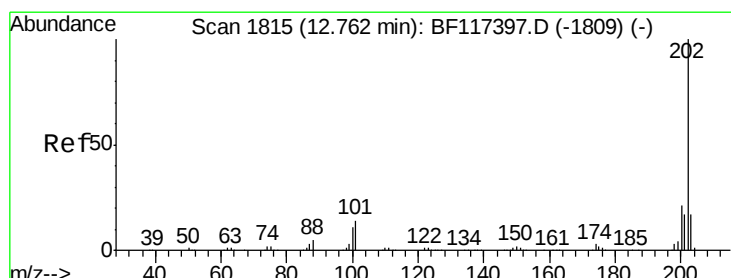
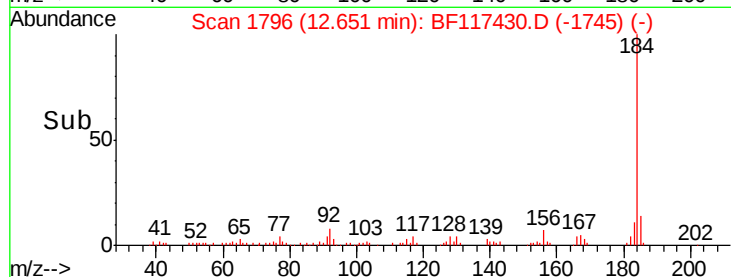
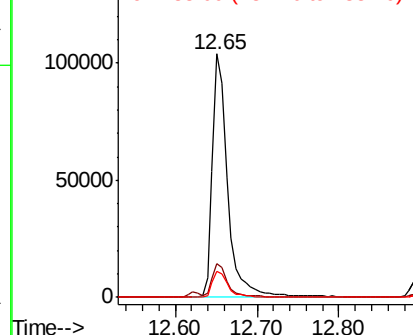
Tot Ion:	184	Resp:	136342
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.2	18.2
183	10.8	8.9	13.3

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.427 ng

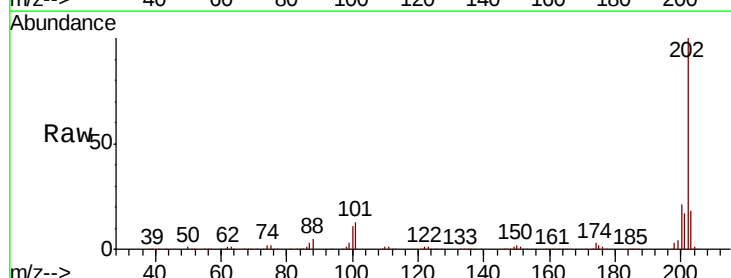
RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

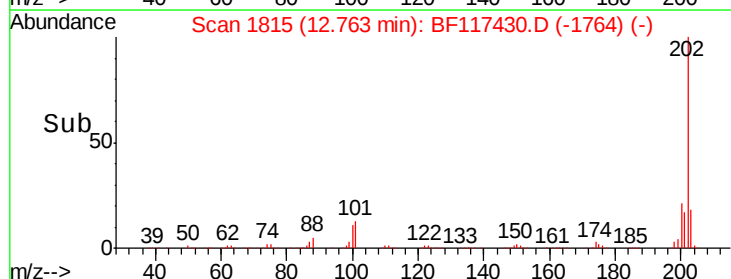
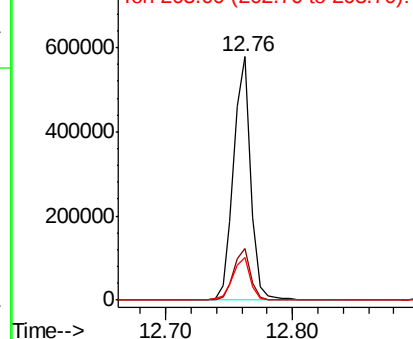
Lab File: BF117430.D

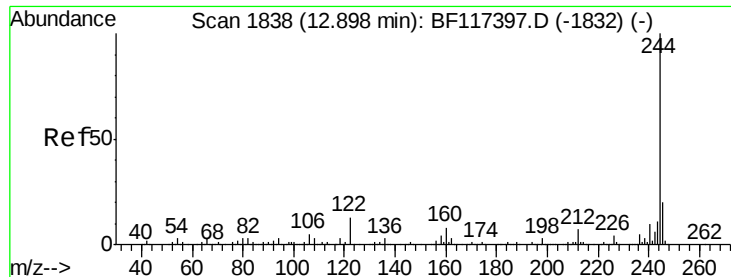
Acq: 17 Oct 2019 19:13

Tgt Ion:	202	Resp:	539222
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.8	25.2
203	17.6	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





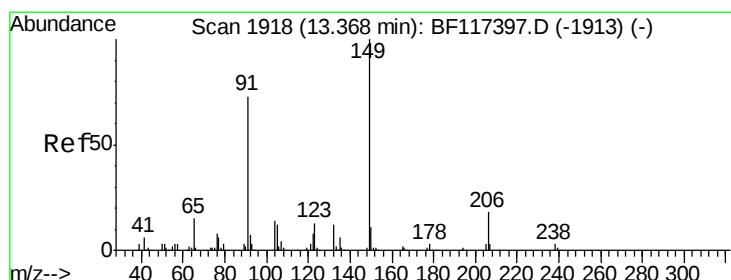
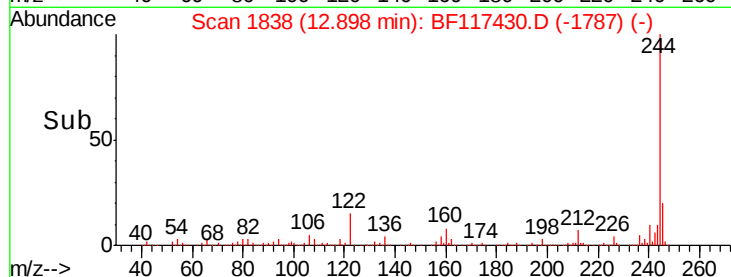
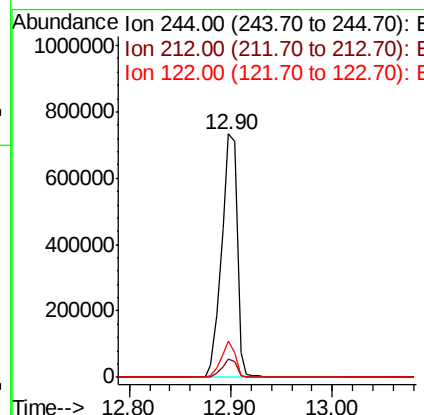
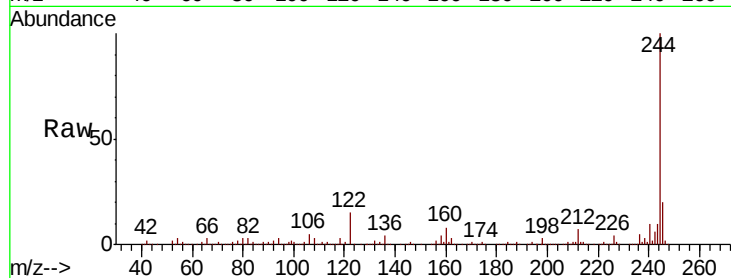
#79
 Terphenyl-d14
 Concen: 99.807 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	14.9	10.7	16.1

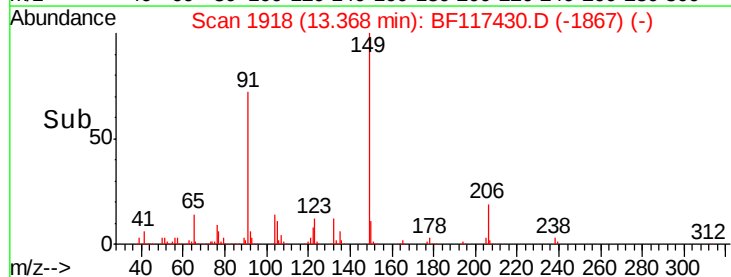
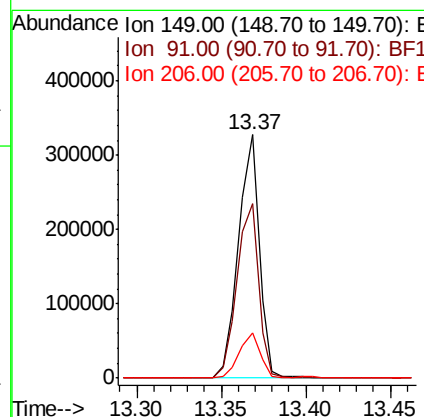
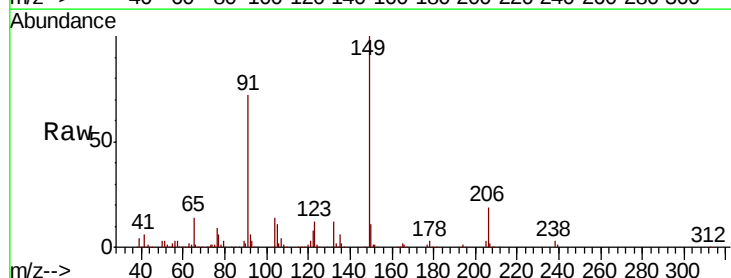
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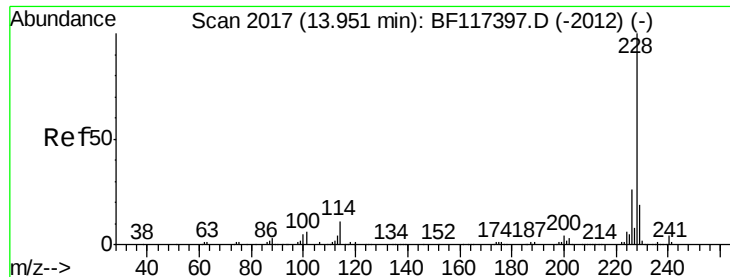
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#80
 Butylbenzylphthalate
 Concen: 49.322 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: BF117430.D
 Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.8	58.5	87.7
206	18.6	14.4	21.6





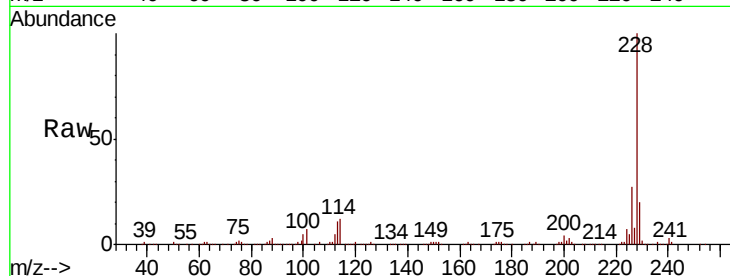
#81
Benzo(a)anthracene
Concen: 48.989 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	20.9	31.3
229	20.2	15.2	22.8

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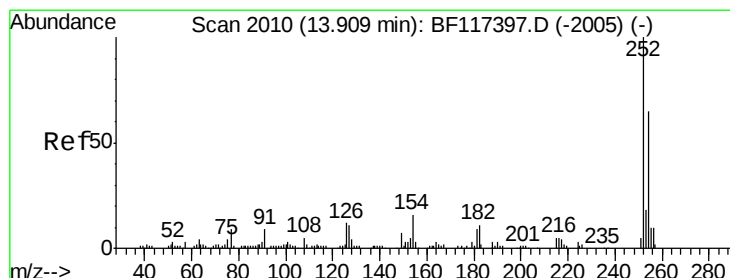
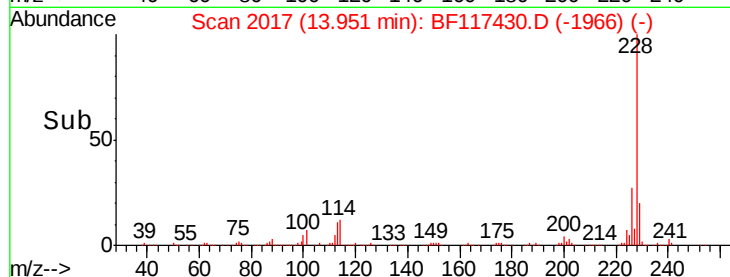
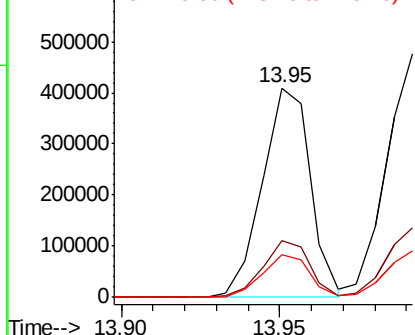


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 19.602 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

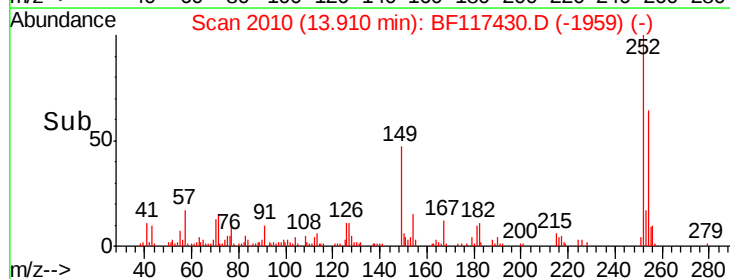
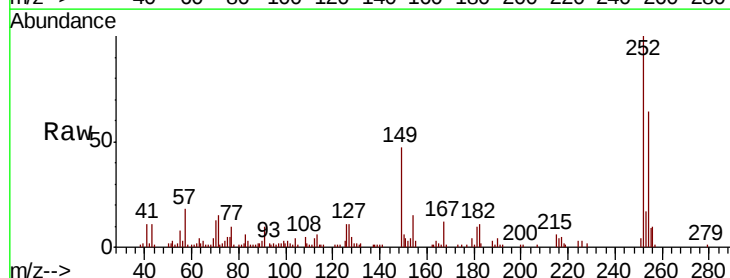
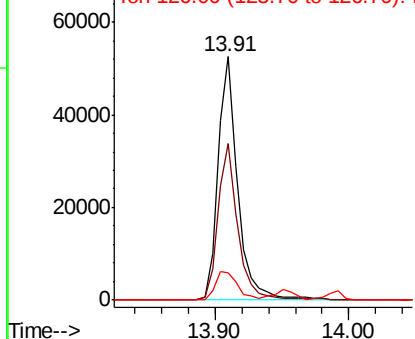
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.6	77.4
126	11.2	9.6	14.4

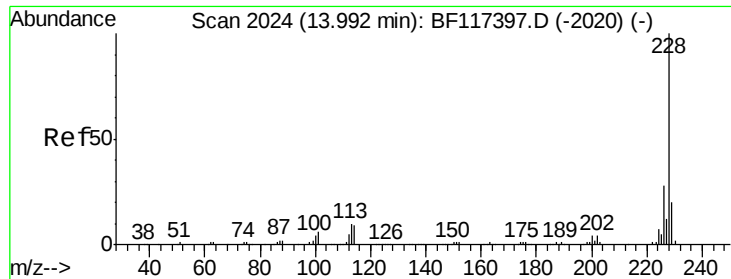
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





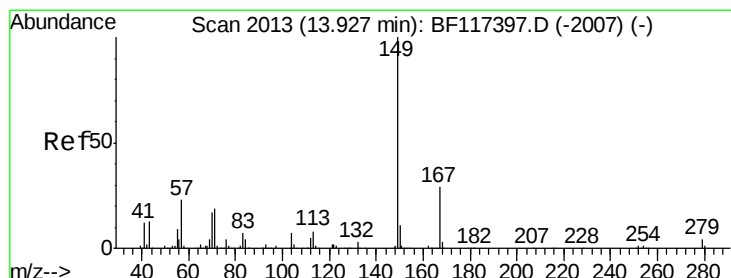
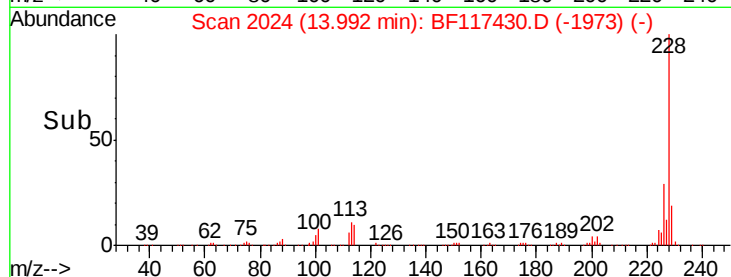
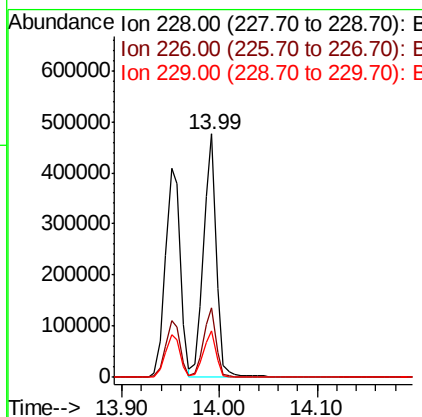
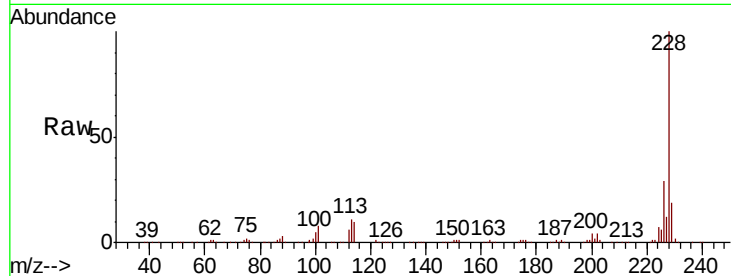
#83
Chrysene
Concen: 49.734 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.8	34.2
229	19.0	15.7	23.5

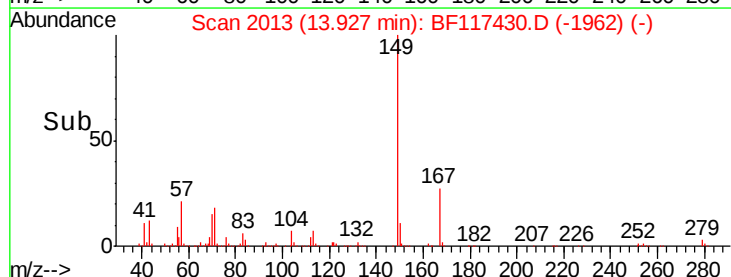
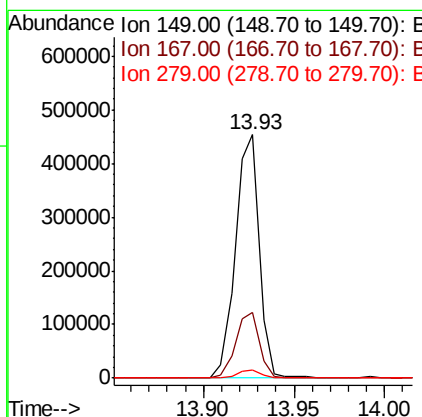
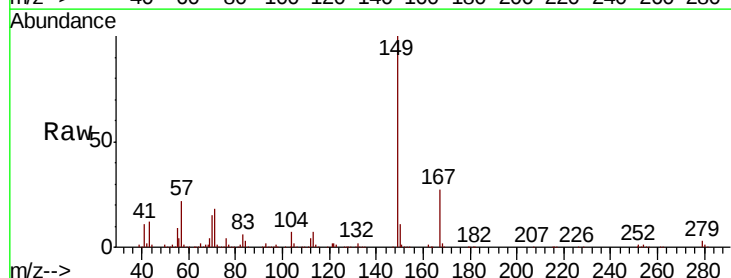
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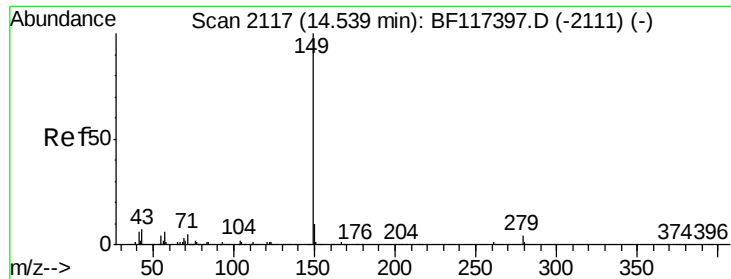
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.377 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	23.0	34.6
279	3.5	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 54.025 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Instrument :

BNA_F

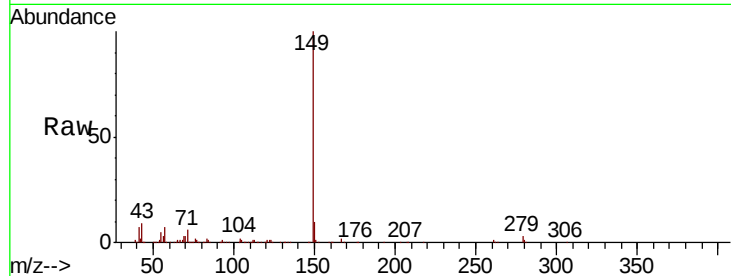
ClientSampleId :

SU-01-101519MSD

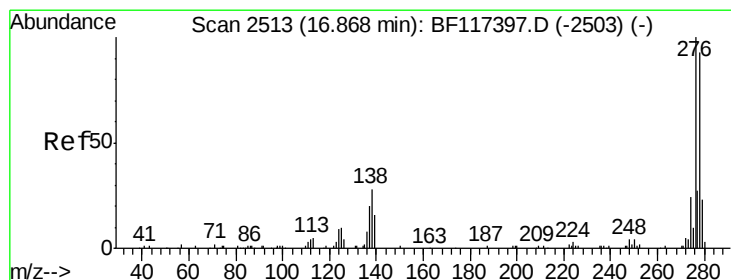
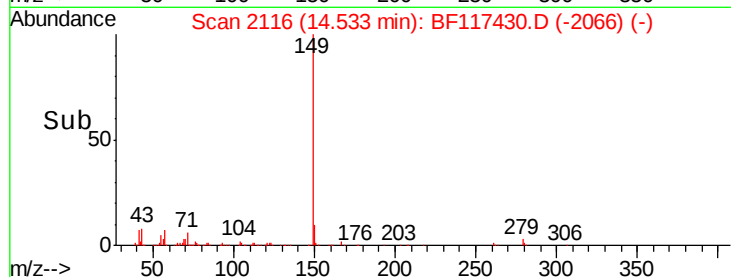
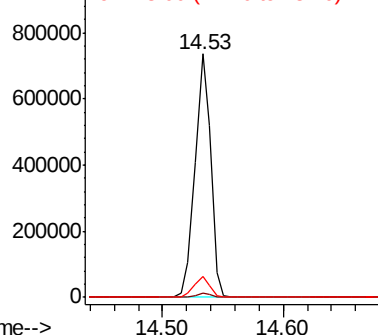
Tot Ion:	149	Resp:	663013
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	8.1	6.6	9.8

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Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.706 ng

RT: 16.88 min Scan# 2515

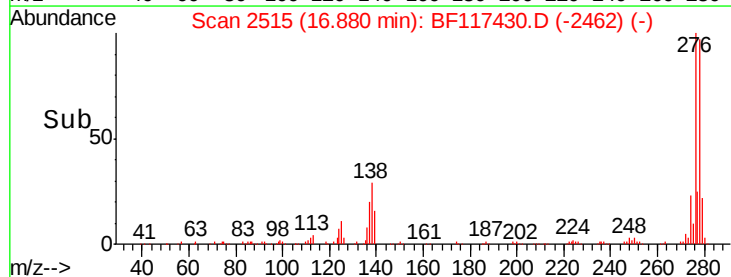
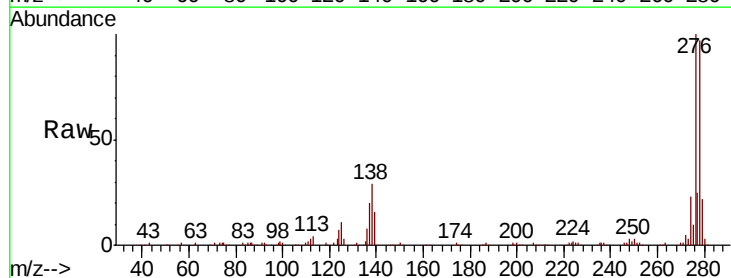
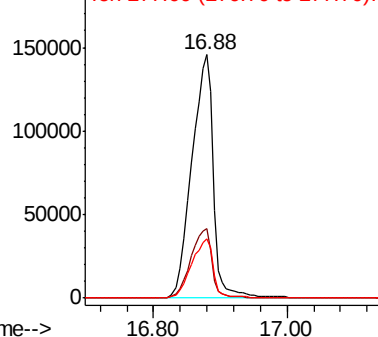
Delta R.T. 0.01 min

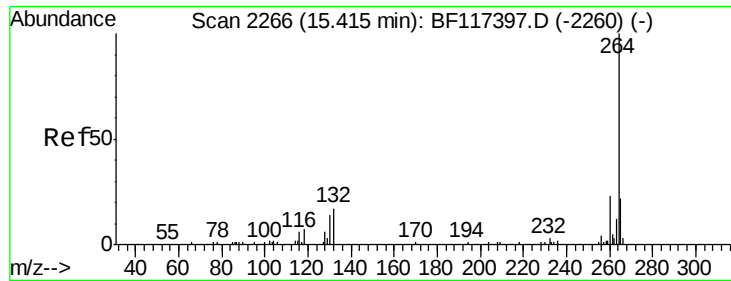
Lab File: BF117430.D

Acq: 17 Oct 2019 19:13

Tgt Ion:	276	Resp:	332919
Ion Ratio	Lower	Upper	
276	100		
138	28.0	21.5	32.3
277	24.7	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E
200000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





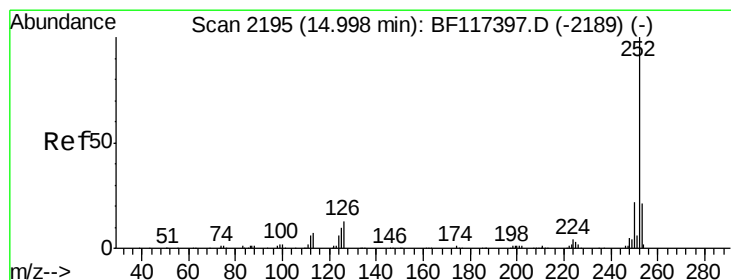
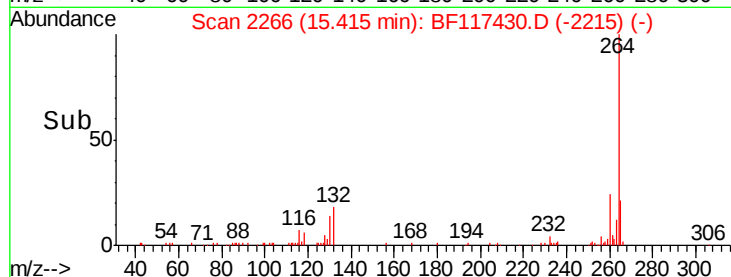
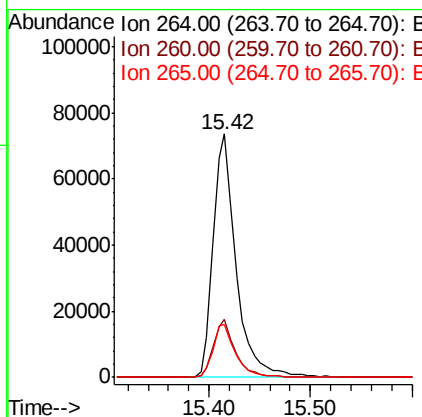
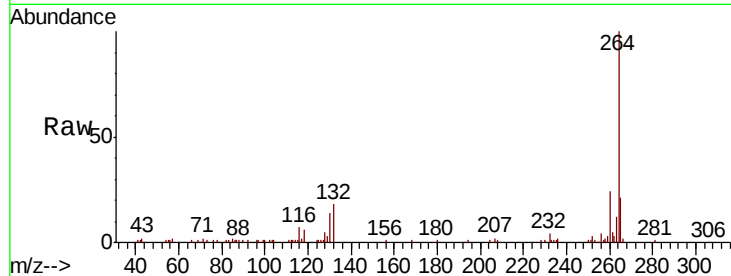
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.5	17.4	26.0

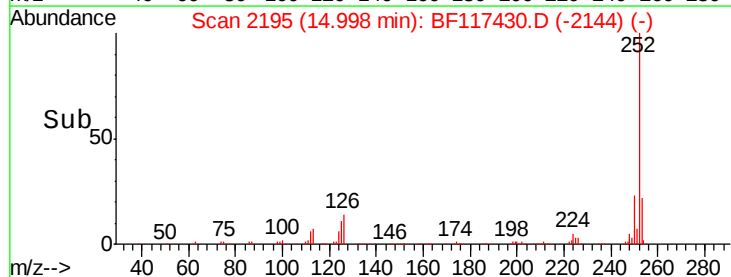
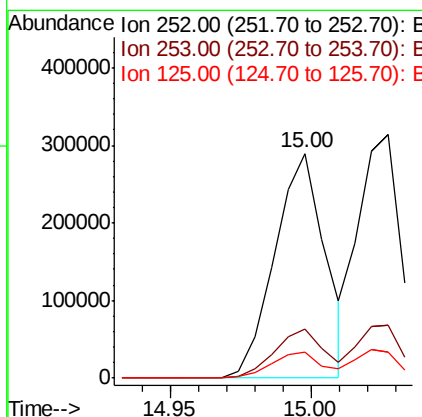
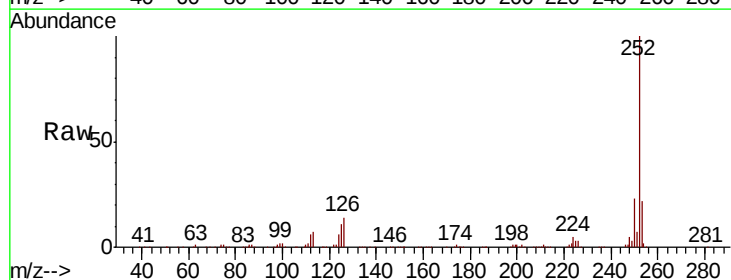
Manual Integrations
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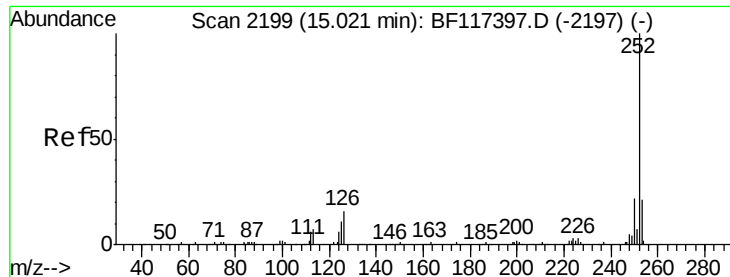
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.903 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.3	8.2	12.2





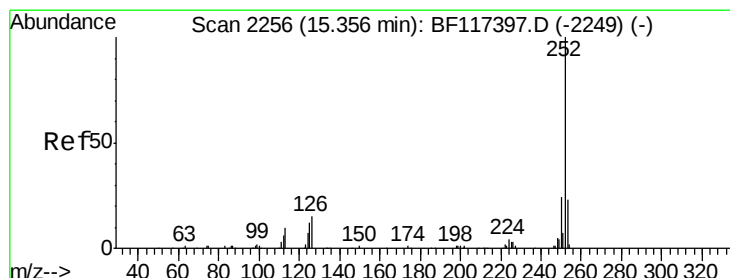
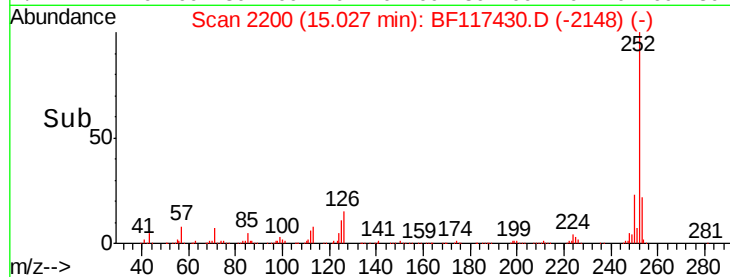
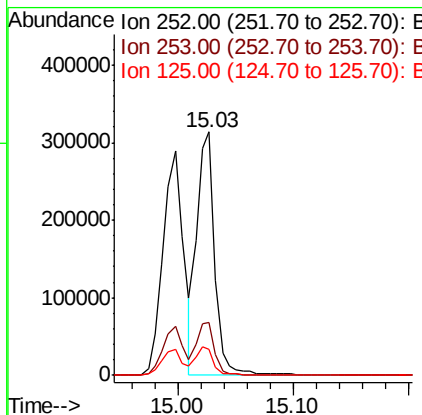
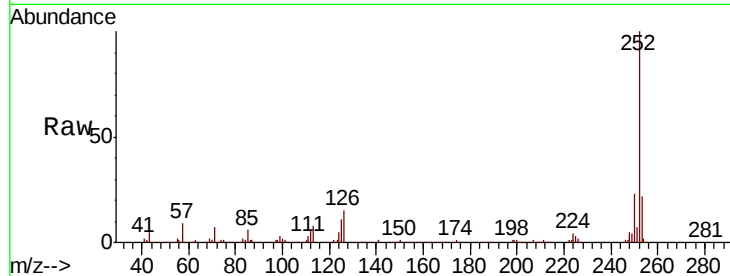
#89
Benzo(k)fluoranthene
Concen: 48.143 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	10.6	9.4	14.2

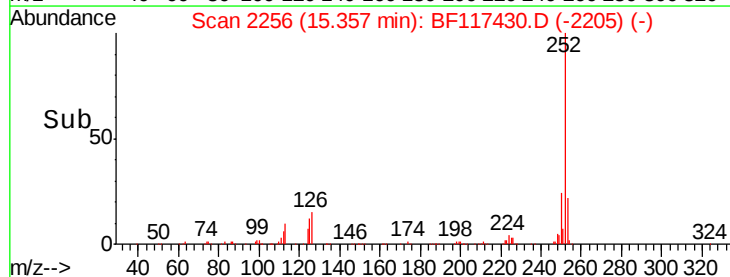
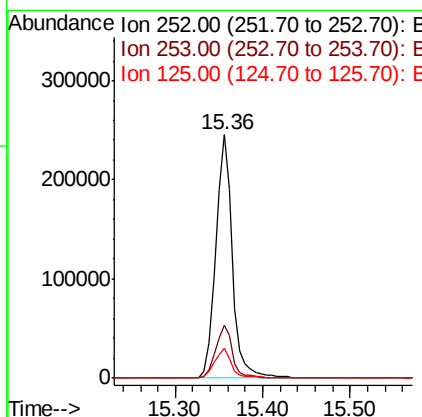
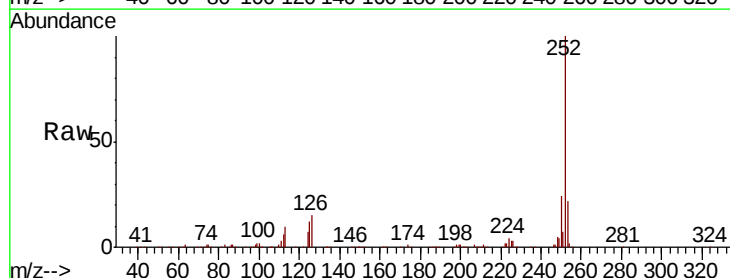
Manual Integrations
APPROVED

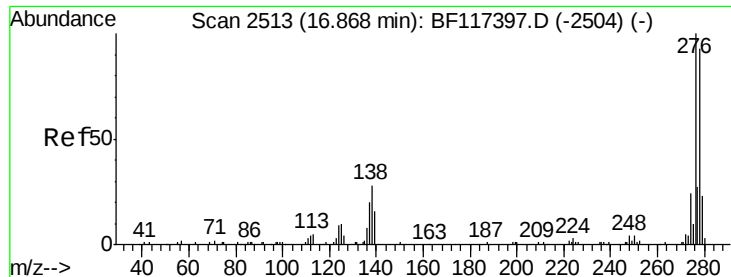
mohammad
10/20/2019 8:11:52 PM



#90
Benzo(a)pyrene
Concen: 51.050 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	12.2	9.4	14.0





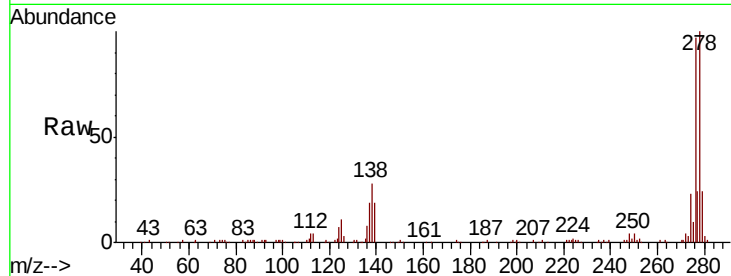
#91
Dibenzo(a,h)anthracene
Concen: 53.061 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MSD

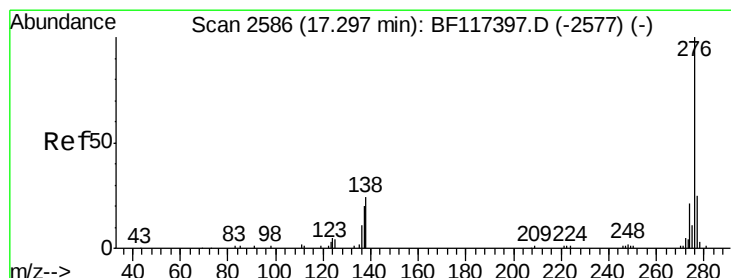
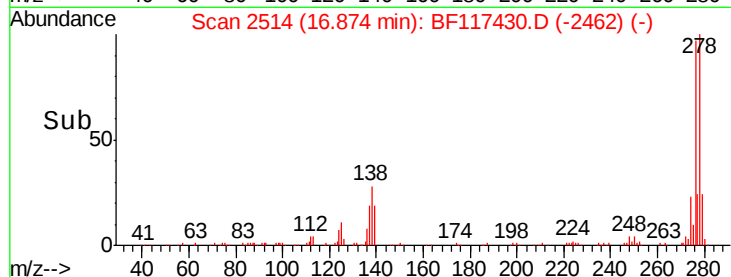
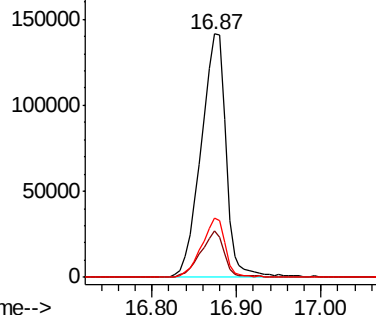
Tot Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.1	21.1
279	24.3	19.8	29.6

Manual Integrations
APPROVED

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.202 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF117430.D
Acq: 17 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.9	29.9
138	23.7	19.3	28.9

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

