

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117464.D
 Acq On : 21 Oct 2019 22:55
 Operator : JU
 Sample : K5448-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPMS

Manual Integrations
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mohammad
 10/22/2019 3:29:25 PM

Quant Time: Oct 22 03:25:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	67794	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	272860	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	145305	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	242950	20.00	ng	0.00
76) Chrysene-d12	13.90	240	192331	20.00	ng	0.00
87) Perylene-d12	15.32	264	194270	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	407854	89.50	ng	0.00
7) Phenol-d6	6.39	99	564437	92.22	ng	0.00
23) Nitrobenzene-d5	7.30	82	351205	63.54	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	116626	92.76	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	599024	58.09	ng	0.00
79) Terphenyl-d14	12.83	244	610081	51.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	44848	23.408	ng	96
3) Pyridine	3.17	79	118848m	25.340	ng	
4) n-Nitrosodimethylamine	3.09	42	49414	29.041	ng	95
6) Aniline	6.40	93	146505	20.389	ng	# 67
8) 2-Chlorophenol	6.52	128	143519	29.847	ng	100
9) Benzaldehyde	6.29	77	83597	25.343	ng	97
10) Phenol	6.40	94	184924	29.603	ng	84
11) bis(2-Chloroethyl)ether	6.47	93	130929	28.336	ng	97
12) 1,3-Dichlorobenzene	6.67	146	143925	26.822	ng	98
13) 1,4-Dichlorobenzene	6.75	146	151346	27.803	ng	99
14) 1,2-Dichlorobenzene	6.90	146	137189	26.736	ng	98
15) Benzyl Alcohol	6.89	79	130590	29.864	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	129968	26.075	ng	75
17) 2-Methylphenol	7.00	107	119442	30.195	ng	93
18) Hexachloroethane	7.24	117	56964	26.810	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	107245	28.691	ng	97
20) 3+4-Methylphenols	7.16	107	150499	29.018	ng	# 87
22) Acetophenone	7.15	105	208130	28.726	ng	# 98
24) Nitrobenzene	7.32	77	160403	30.300	ng	99
25) Isophorone	7.56	82	293547	30.701	ng	97
26) 2-Nitrophenol	7.64	139	71762	30.394	ng	98
27) 2,4-Dimethylphenol	7.68	122	122374	34.681	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	172282	29.201	ng	99
29) 2,4-Dichlorophenol	7.89	162	114357	30.899	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	113458	28.567	ng	98
31) Naphthalene	8.04	128	404850	29.934	ng	98
32) Benzoic acid	7.84	122	67205	27.807	ng	98
33) 4-Chloroaniline	8.10	127	39545	6.928	ng	97
34) Hexachlorobutadiene	8.15	225	63832	27.767	ng	96
35) Caprolactam	8.47	113	42992m	36.161	ng	
36) 4-Chloro-3-methylphenol	8.59	107	134348	31.829	ng	95
37) 2-Methylnaphthalene	8.73	142	286693	31.459	ng	99
38) 1-Methylnaphthalene	8.83	142	262539	30.658	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	106122	27.116	ng	98

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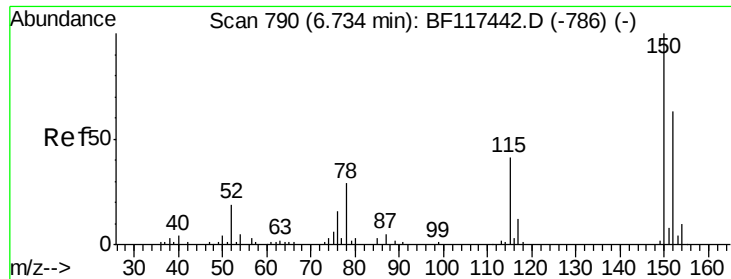
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	65427	66.993	nq	96
43) 2,4,6-Trichlorophenol	9.02	196	72833	29.718	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	78175	31.478	nq	97
46) 1,1'-Biphenyl	9.19	154	333033	27.685	nq	99
47) 2-Chloronaphthalene	9.22	162	256227	28.250	nq	98
48) 2-Nitroaniline	9.32	65	85047	28.564	nq	# 83
49) Acenaphthylene	9.63	152	399370	29.978	nq	99
50) Dimethylphthalate	9.49	163	426960	41.218	nq	100
51) 2,6-Dinitrotoluene	9.56	165	65421	30.265	nq	94
52) Acenaphthene	9.80	154	236089	28.885	nq	100
53) 3-Nitroaniline	9.73	138	38620	14.725	nq	90
54) 2,4-Dinitrophenol	9.85	184	41090	47.866	nq	# 86
55) Dibenzofuran	9.97	168	357695	30.206	nq	98
56) 4-Nitrophenol	9.92	139	76937	64.568	nq	93
57) 2,4-Dinitrotoluene	9.97	165	88629	30.839	nq	98
58) Fluorene	10.32	166	294741	30.098	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	61809	31.666	nq	96
60) Diethylphthalate	10.19	149	316612	30.218	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	131042	29.826	nq	96
62) 4-Nitroaniline	10.35	138	68954	27.893	nq	93
63) Azobenzene	10.46	77	332232	30.975	nq	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	36284	29.375	nq	89
66) n-Nitrosodiphenylamine	10.43	169	257681	29.012	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	74578	28.499	nq	97
68) Hexachlorobenzene	10.87	284	77450	27.636	nq	94
69) Atrazine	10.96	200	83187	36.813	nq	96
70) Pentachlorophenol	11.07	266	62183	74.015	nq	98
71) Phenanthrene	11.27	178	418752	29.684	nq	98
72) Anthracene	11.33	178	445097	30.750	nq	99
73) Carbazole	11.49	167	409320	30.943	nq	99
74) Di-n-butylphthalate	11.81	149	533230	30.169	nq	100
75) Fluoranthene	12.46	202	433342	30.685	nq	99
77) Benzidine	12.59	184	251831	49.251	nq	99
78) Pyrene	12.69	202	448422	27.144	nq	100
80) Butylbenzylphthalate	13.30	149	224313	27.286	nq	99
81) Benzo(a)anthracene	13.89	228	380030	29.293	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	59471	14.608	nq	# 98
83) Chrysene	13.92	228	370662	29.152	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	333963	29.000	nq	# 96
85) Di-n-octyl phthalate	14.47	149	574577	32.452	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	308007	32.446	nq	100
88) Benzo(b)fluoranthene	14.92	252	321009	27.982	nq	97
89) Benzo(k)fluoranthene	14.94	252	331073	28.157	nq	99
90) Benzo(a)pyrene	15.26	252	292670	28.060	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	260939	28.933	nq	97
92) Benzo(g,h,i)perylene	17.15	276	248192	29.085	nq	99

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



#1

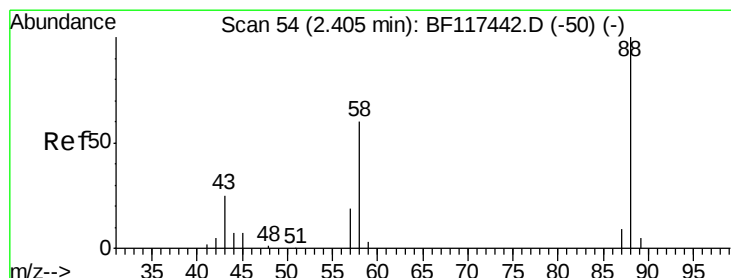
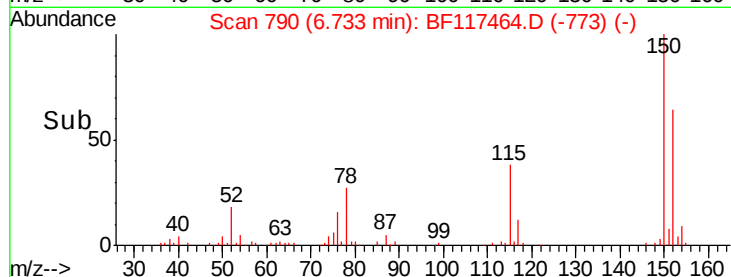
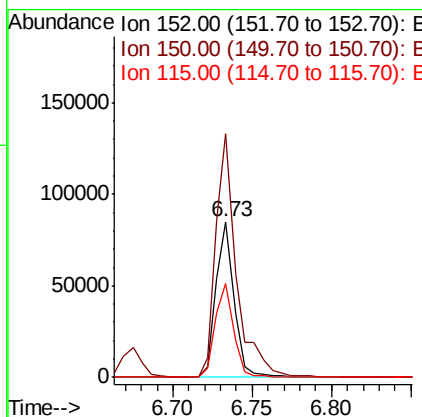
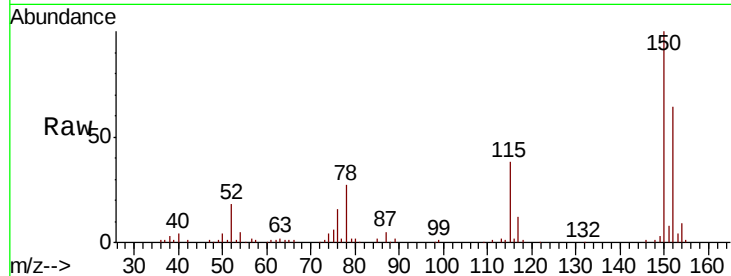
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.8	190.2
115	60.1	51.6	77.4

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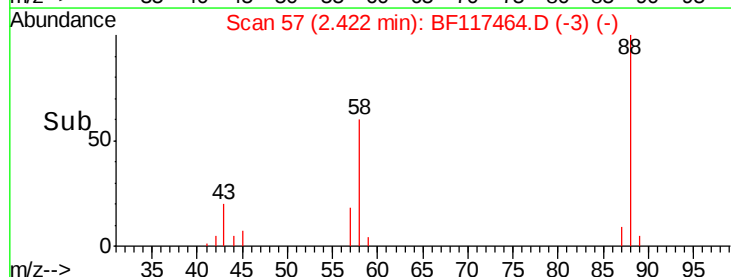
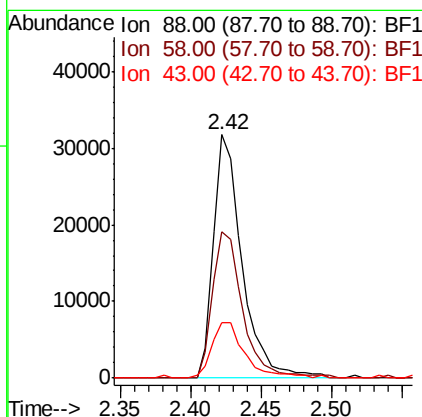
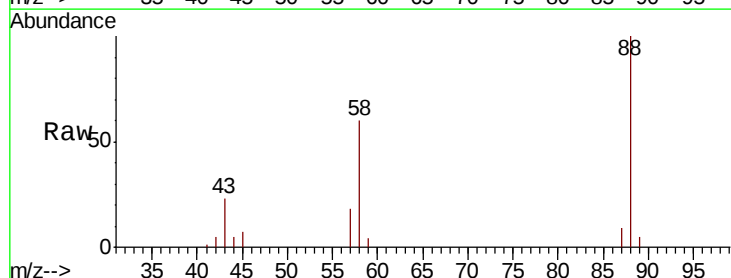
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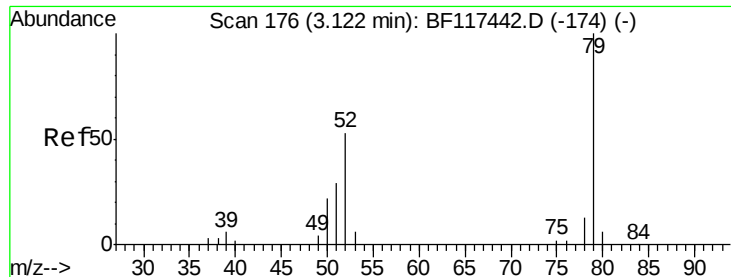


#2

1,4-Dioxane
Concen: 23.408 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.02 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.4	48.8	73.2
43	26.5	18.5	27.7





#3

Pvridine

Concen: 25.340 ng/ml

RT: 3.17 min Scan# 184

Delta R.T. 0.05 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

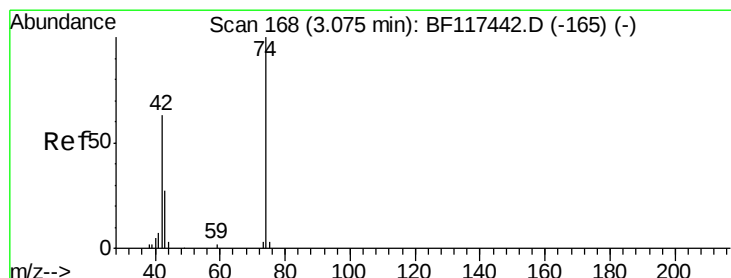
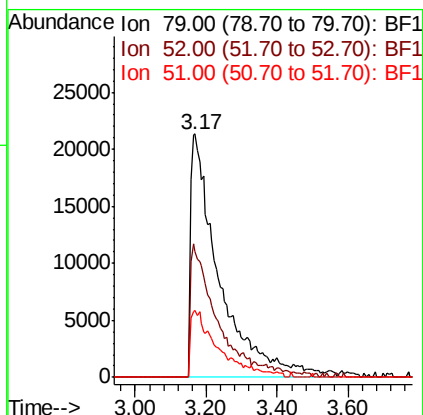
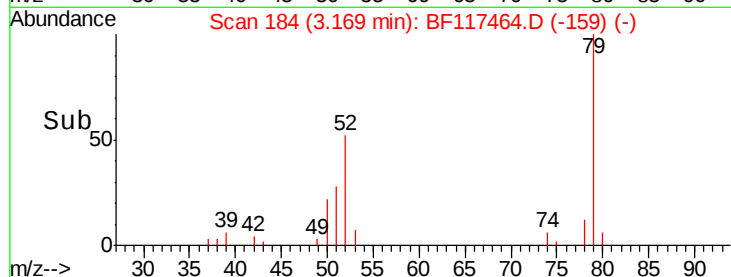
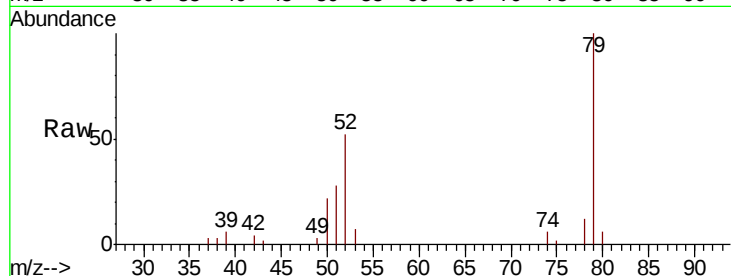
ClientSampleId :

SPMS

Tot Ion:	79	Resp:	118848
Ion	Ratio	Lower	Upper
79	100		
52	51.8	42.4	63.6
51	27.7	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 29.041 ng/ml

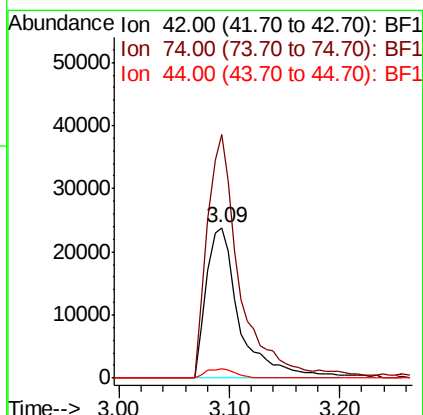
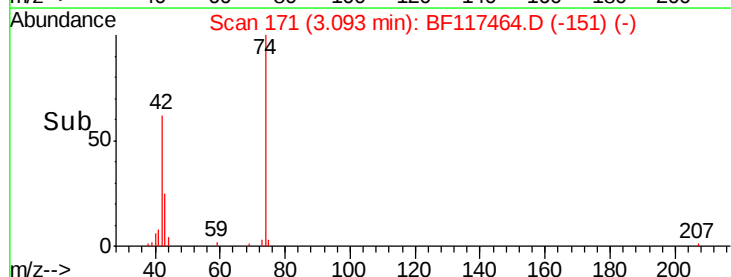
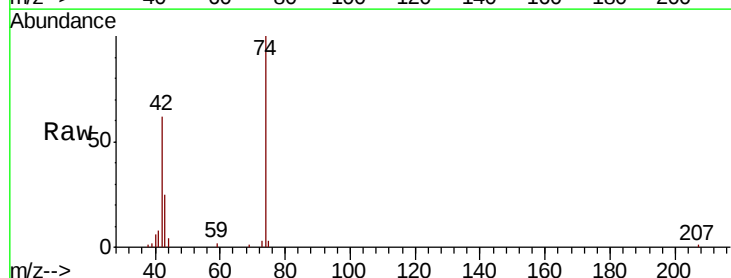
RT: 3.09 min Scan# 171

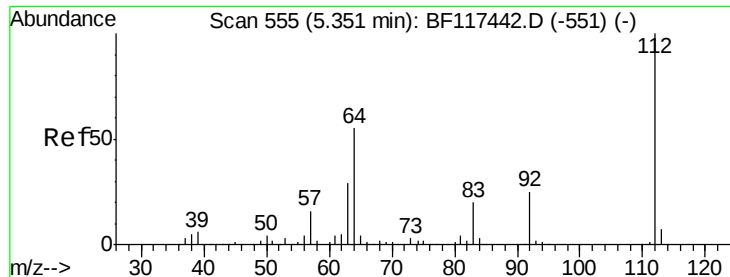
Delta R.T. 0.02 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Tgt Ion:	42	Resp:	49414
Ion	Ratio	Lower	Upper
42	100		
74	162.0	124.2	186.4
44	6.1	4.2	6.4





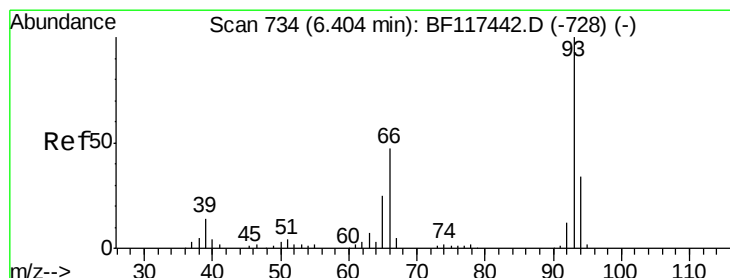
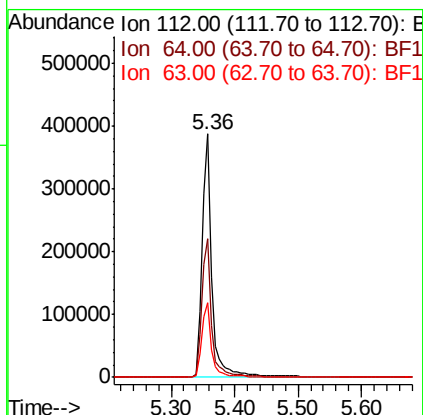
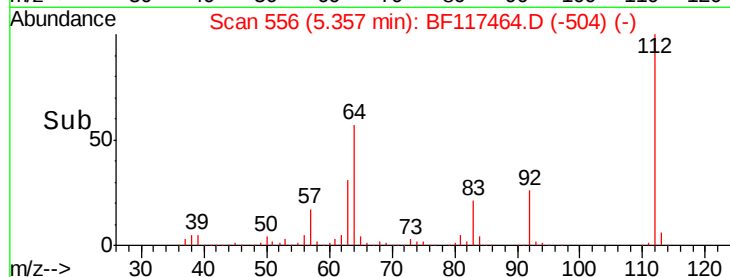
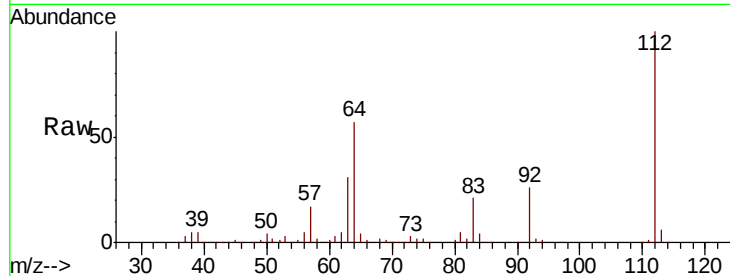
#5
2-Fluorophenol
Concen: 89.501 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleID :
SPMS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.0	44.1	66.1
63	30.5	23.4	35.2

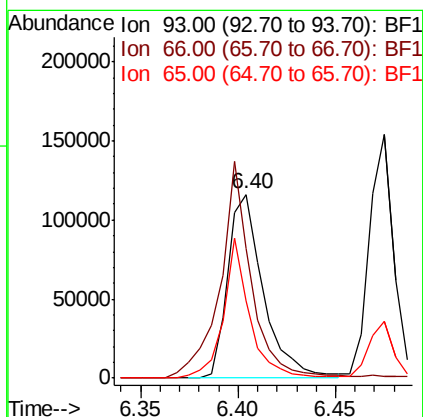
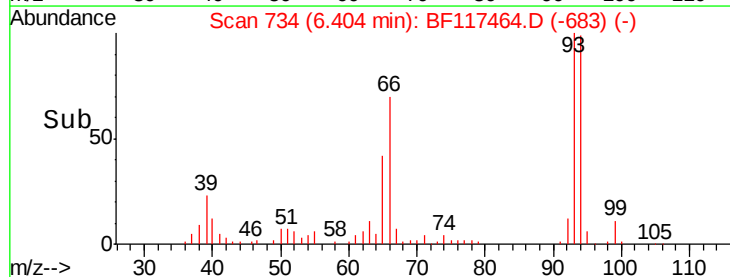
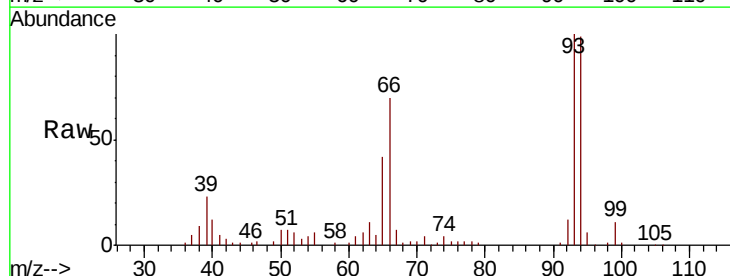
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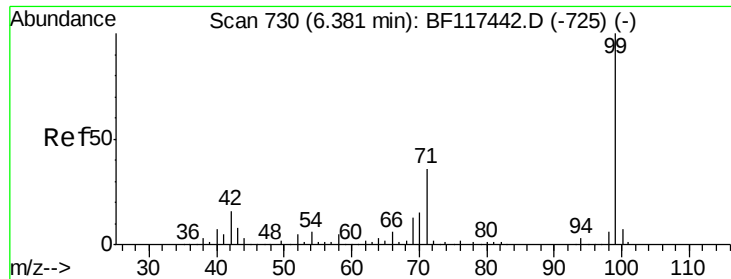
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#6
Aniline
Concen: 20.389 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	70.5	38.7	58.1#
65	41.9	20.1	30.1#





#7

Phenol-d6

Concen: 92.221 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

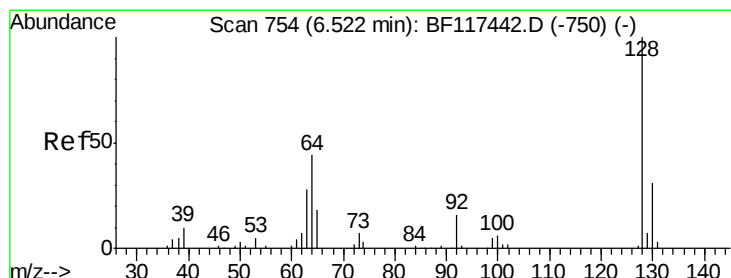
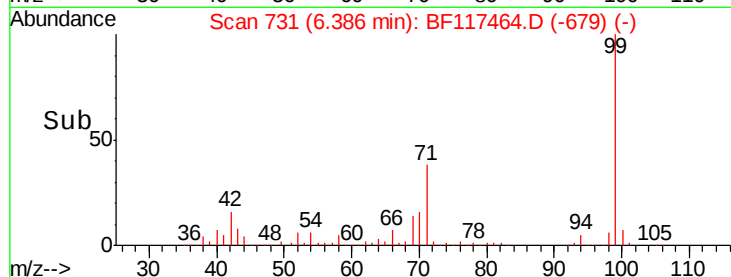
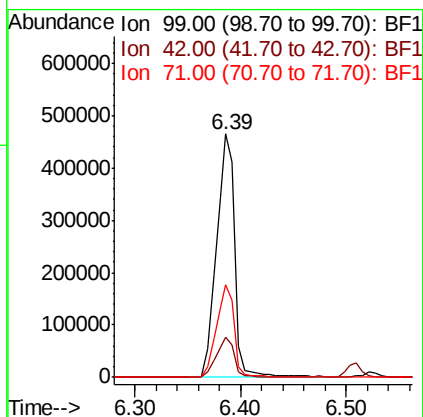
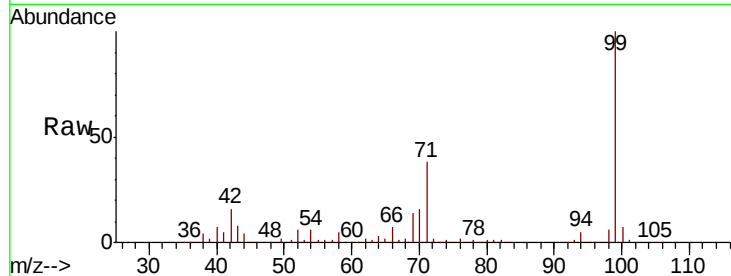
ClientSampleId :

SPMS

Tot Ion:	99	Resp:	564437
Ion Ratio	Lower	Upper	
99	100		
42	16.4	12.8	19.2
71	38.0	28.6	43.0

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#8

2-Chlorophenol

Concen: 29.847 ng

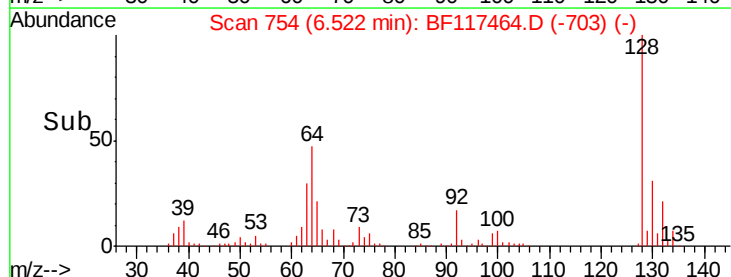
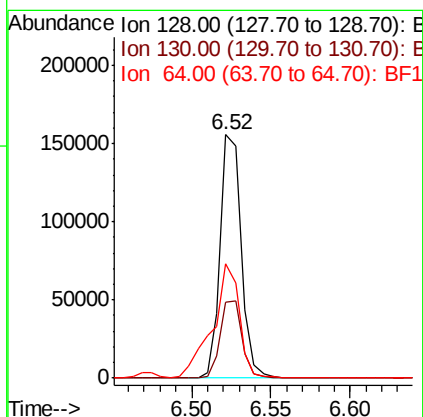
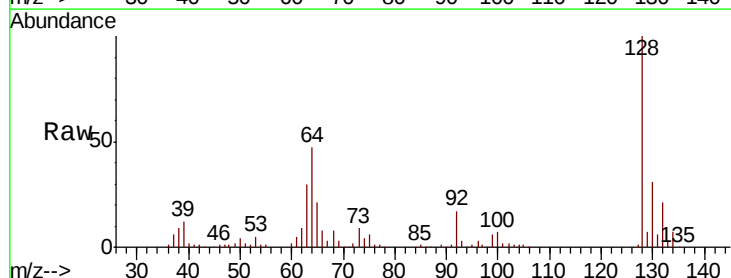
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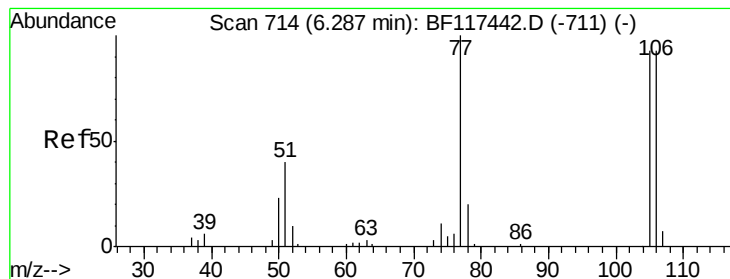
Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Tgt Ion:	128	Resp:	143519
Ion Ratio	Lower	Upper	
128	100		
130	31.0	11.1	51.1
64	47.1	27.1	67.1





#9

Benzaldehyde

Concen: 25.343 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

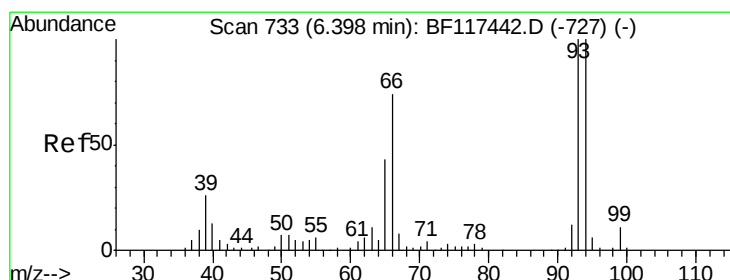
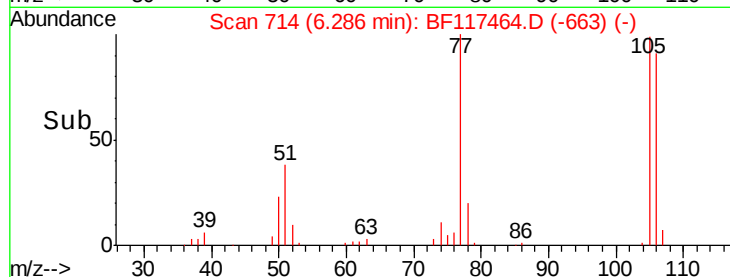
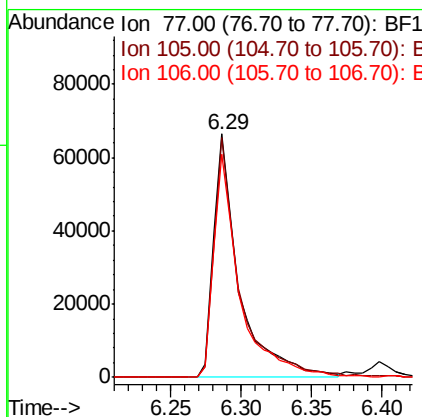
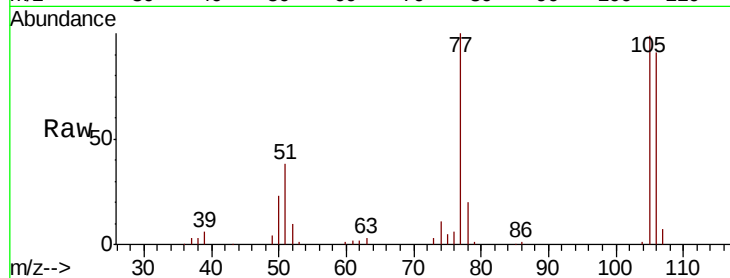
ClientSampled :

SPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	98.6	73.4	113.4		
106	91.5	73.0	113.0		

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#10

Phenol

Concen: 29.603 ng

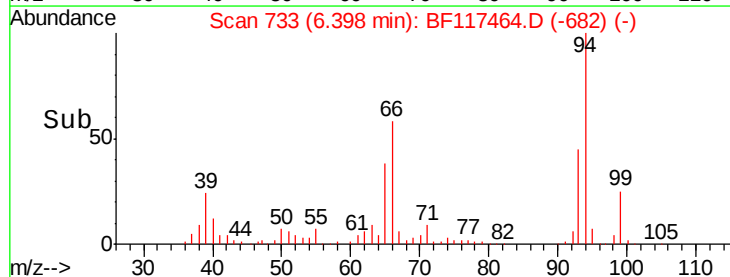
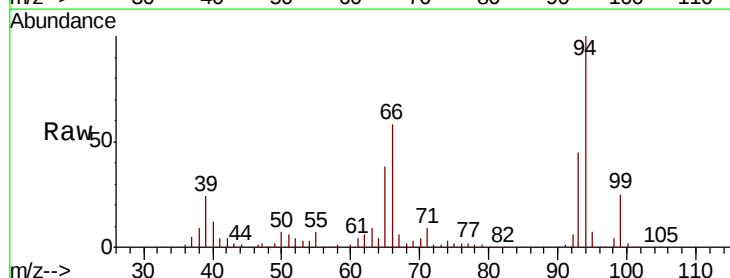
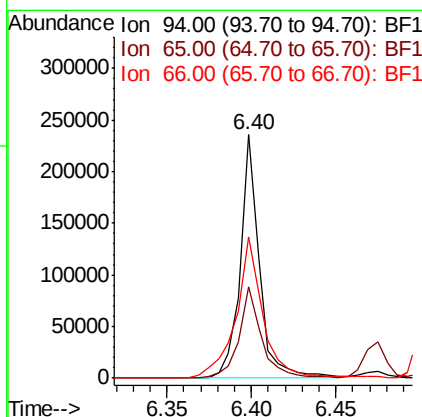
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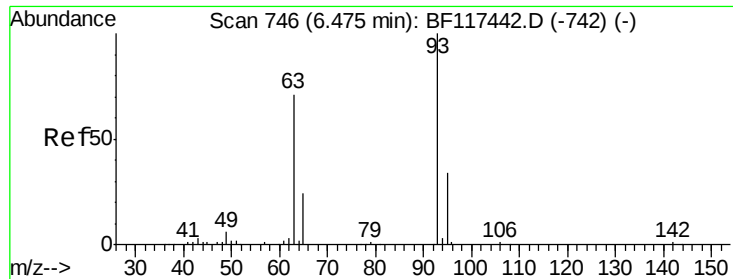
Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	37.6	23.4	63.4		
66	58.3	54.7	94.7		





#11

bis(2-Chloroethyl)ether

Concen: 28.336 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

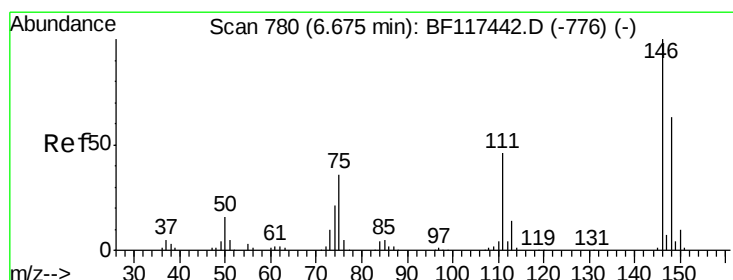
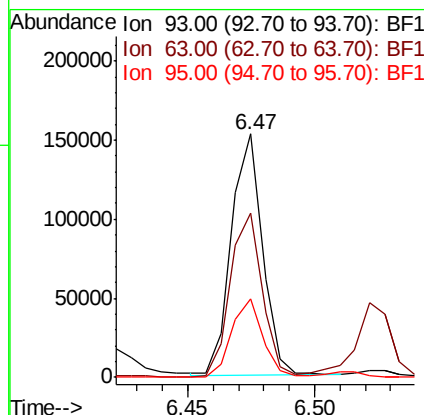
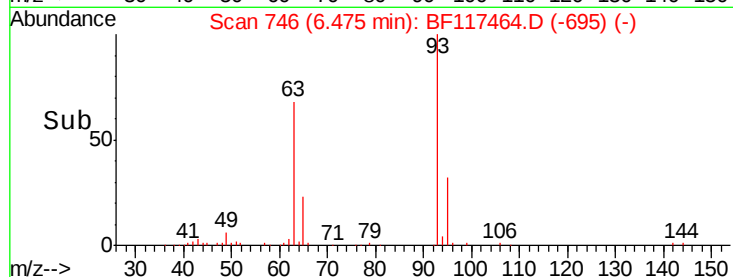
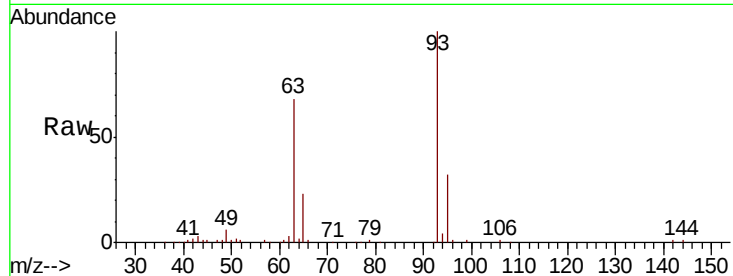
ClientSampleId :

SPMS

Tot Ion:	93	Resp:	130929
Ion Ratio	Lower	Upper	
93	100		
63	67.6	50.2	90.2
95	32.4	13.9	53.9

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#12

1,3-Dichlorobenzene

Concen: 26.822 ng

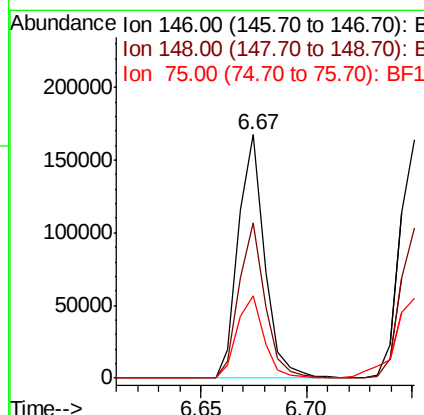
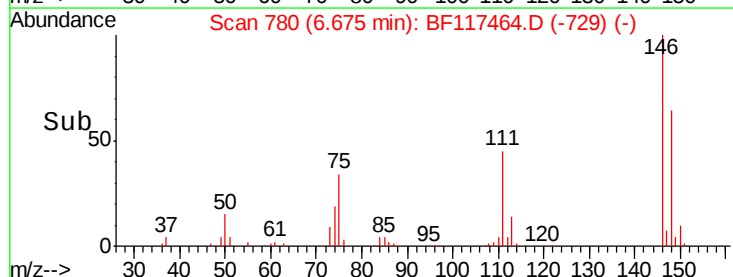
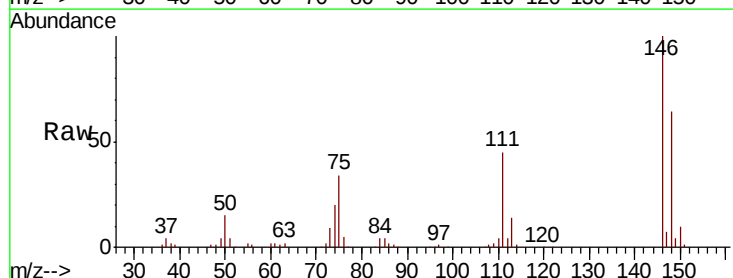
RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Tgt Ion:	146	Resp:	143925
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	75.8
75	33.9	28.6	43.0





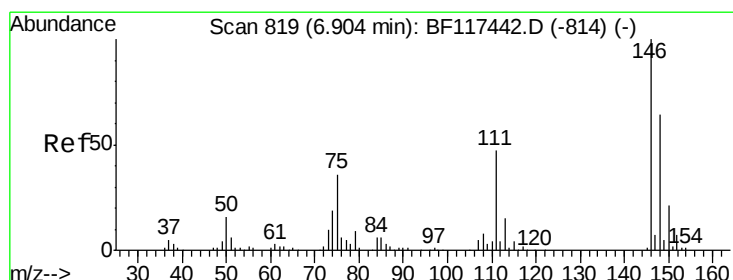
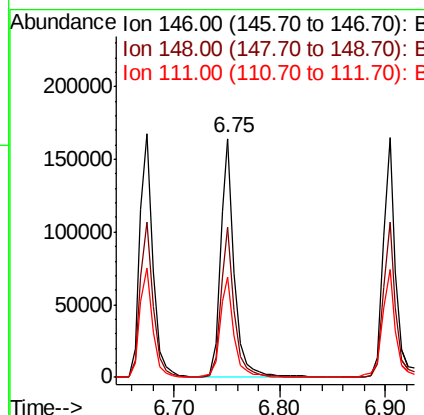
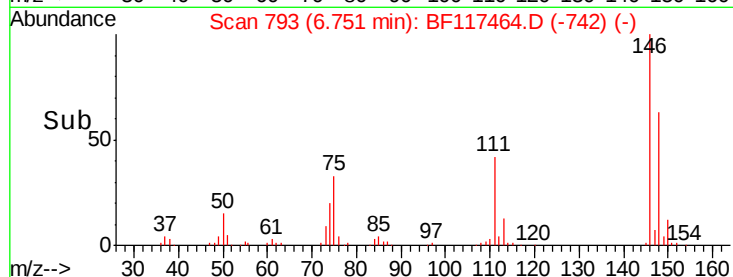
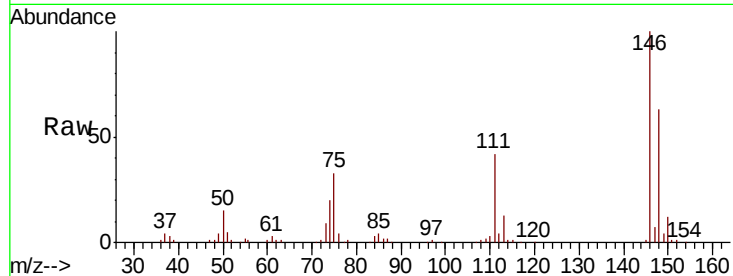
#13
1,4-Dichlorobenzene
Concen: 27.803 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	49.3	73.9
111	42.0	33.6	50.4

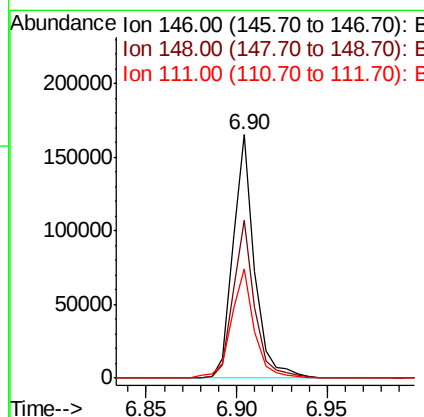
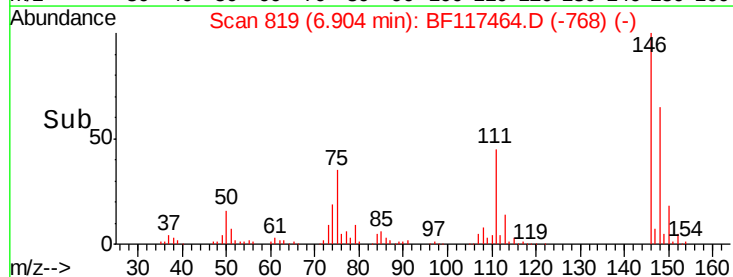
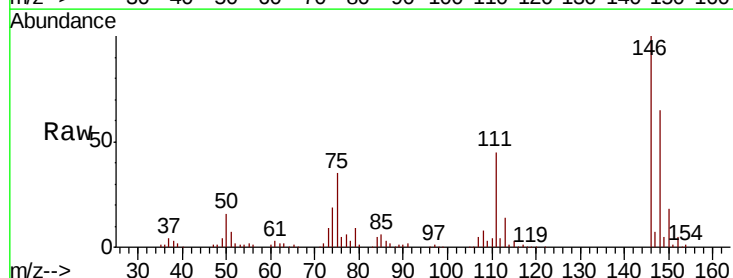
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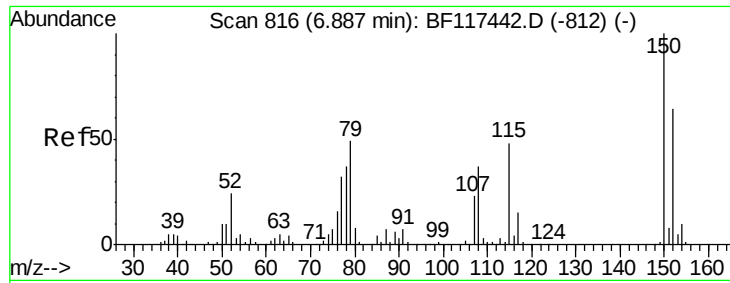
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#14
1,2-Dichlorobenzene
Concen: 26.736 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.0
111	45.0	37.7	56.5





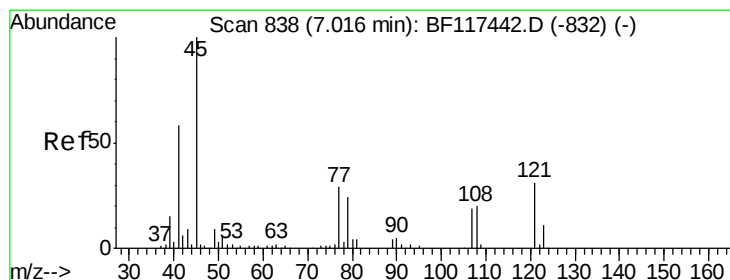
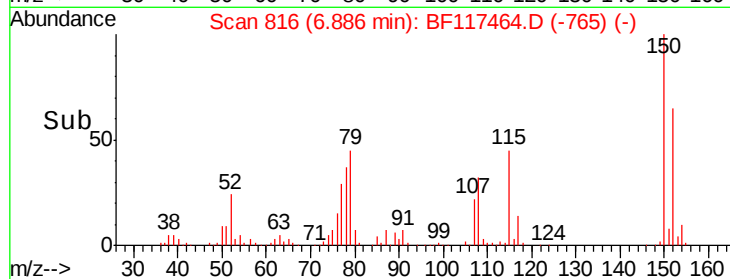
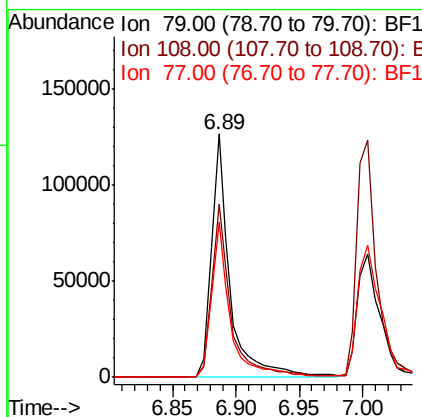
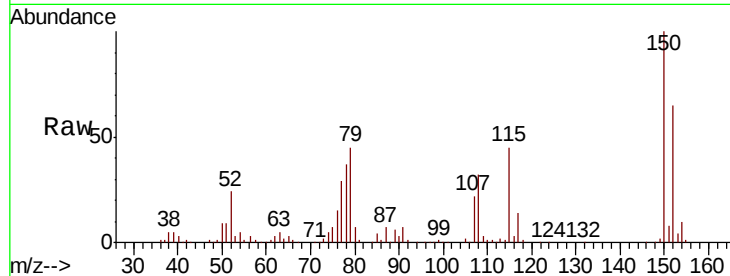
#15
Benzyl Alcohol
Concen: 29.864 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.4	59.8	89.8
77	64.0	51.4	77.0

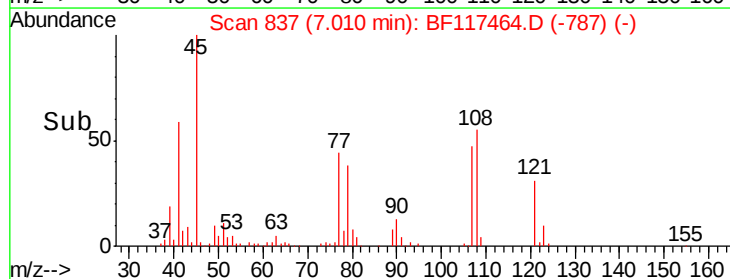
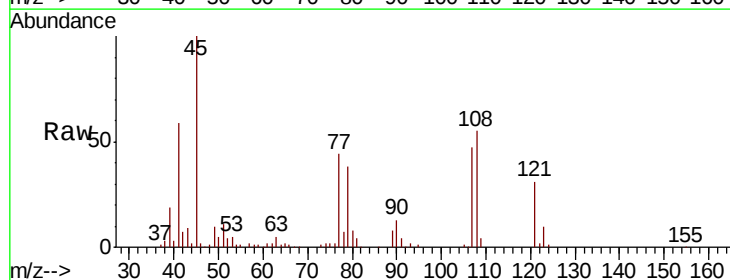
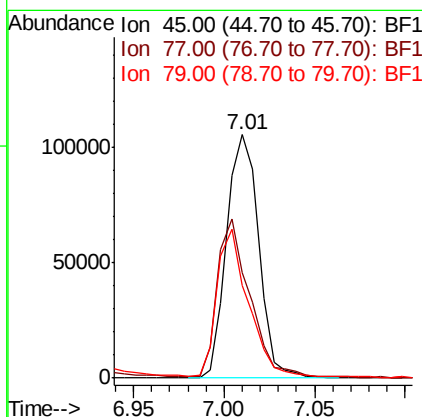
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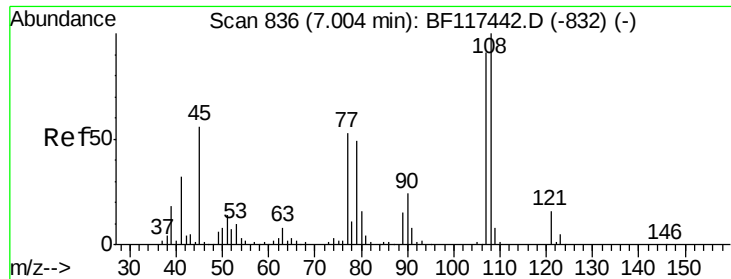
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.075 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	43.5	9.9	49.9
79	38.1	5.5	45.5





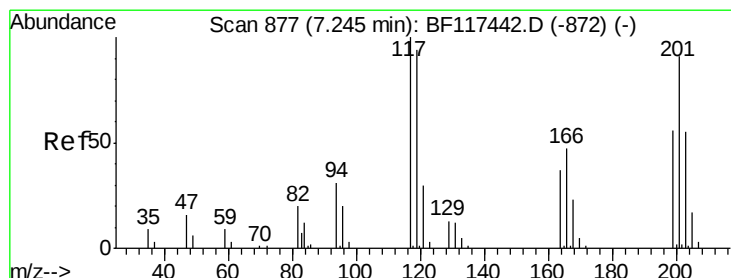
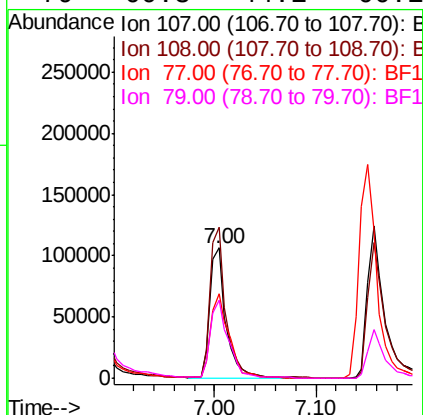
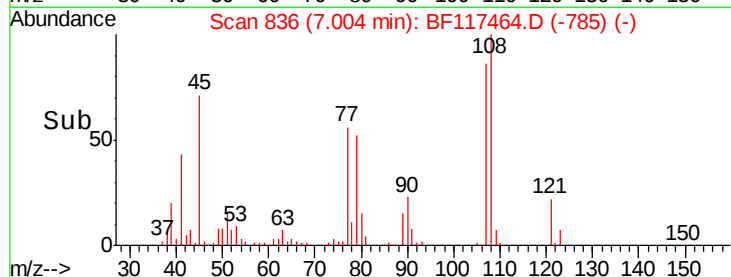
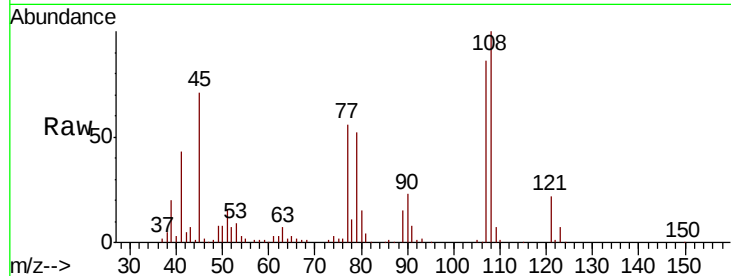
#17
2-Methylphenol
Concen: 30.195 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.1	88.0	132.0
77	64.7	47.2	70.8
79	60.3	44.1	66.1

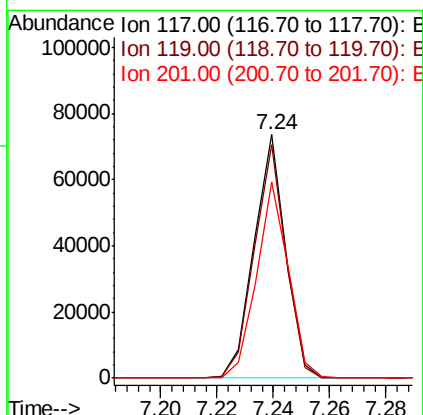
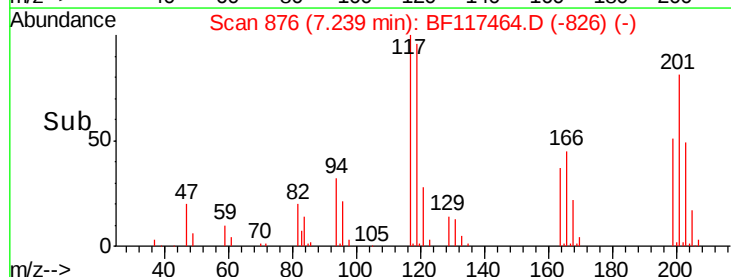
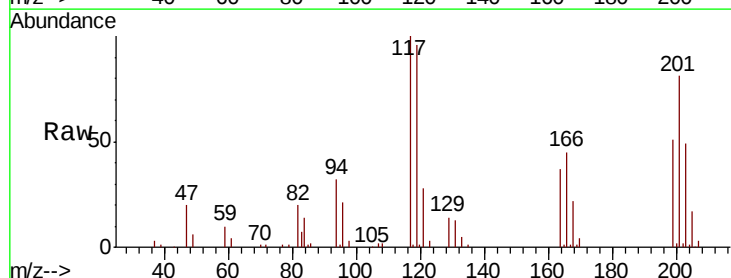
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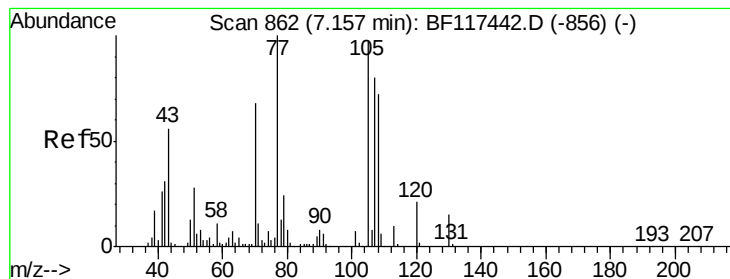
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#18
Hexachloroethane
Concen: 26.810 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.0
201	80.9	72.5	108.7





#19

n-Nitroso-di-n-propylamine

Concen: 28.691 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

ClientSampleId :

SPMS

Tot Ion: 70 Resp: 107245

Ion Ratio Lower Upper

70 100

42 47.2 36.7 55.1

101 9.5 8.3 12.5

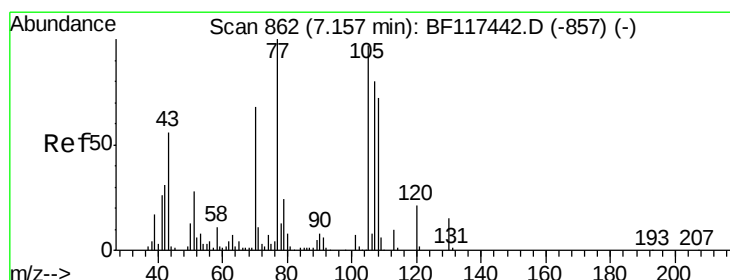
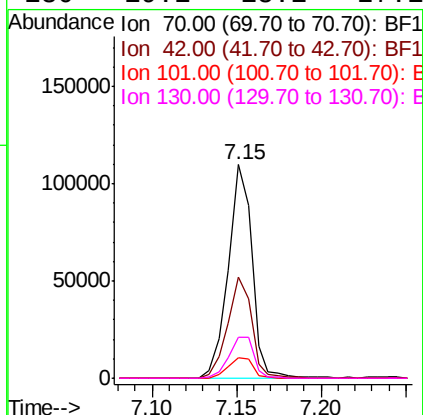
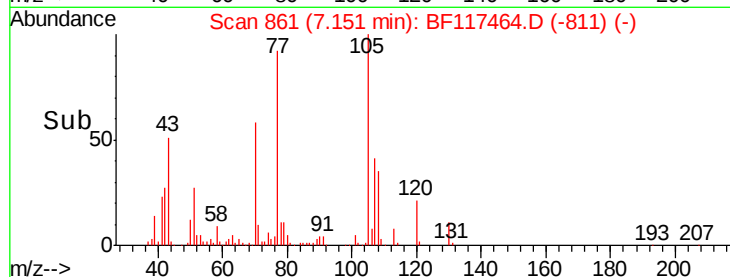
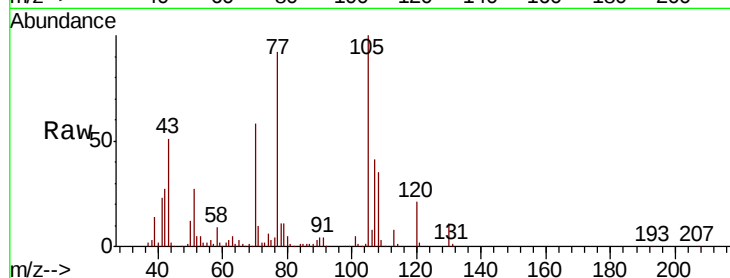
130 19.1 18.1 27.1

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#20

3+4-Methylphenols

Concen: 29.018 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Tgt Ion:107 Resp: 150499

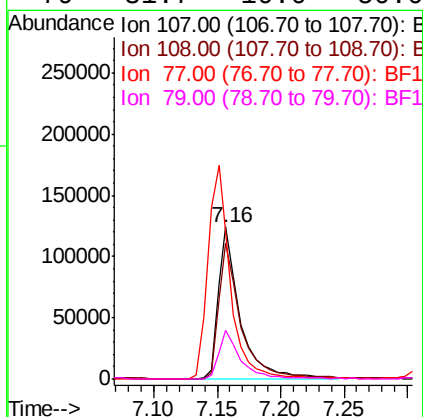
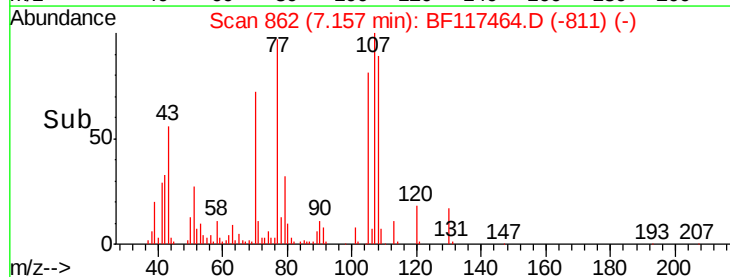
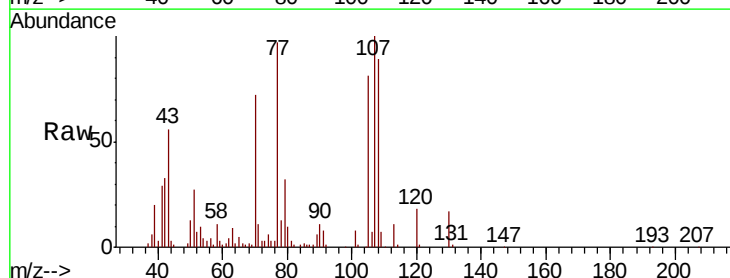
Ion Ratio Lower Upper

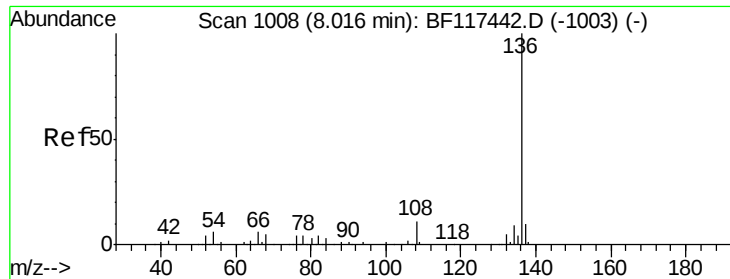
107 100

108 89.0 70.3 110.3

77 96.9 104.8 144.8#

79 31.7 10.0 50.0





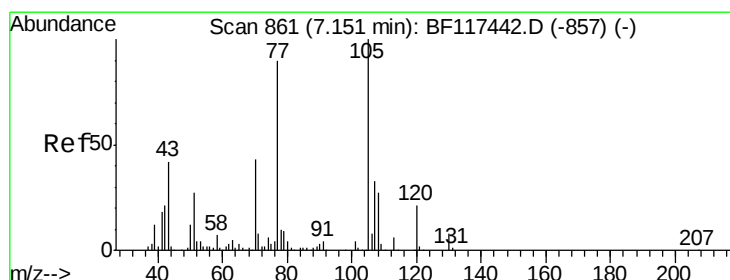
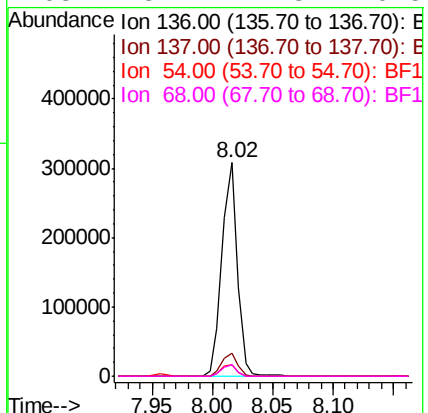
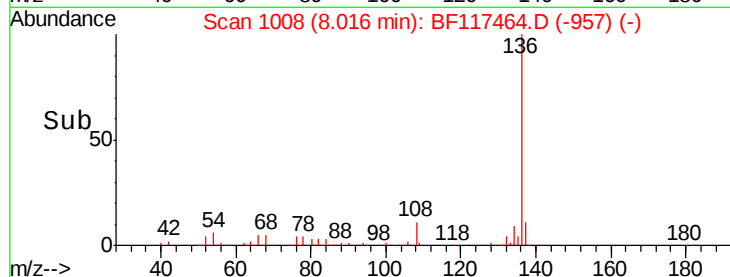
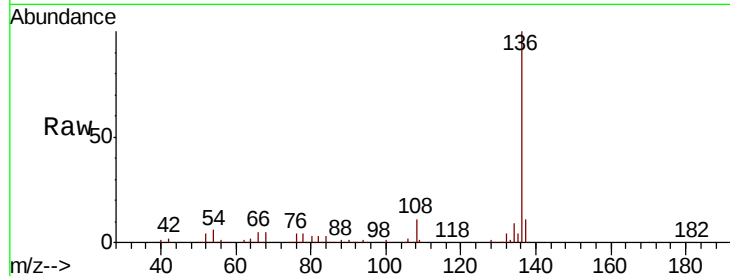
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		272860		
137	10.7		8.2	12.4	
54	5.5		4.5	6.7	
68	5.1		4.3	6.5	

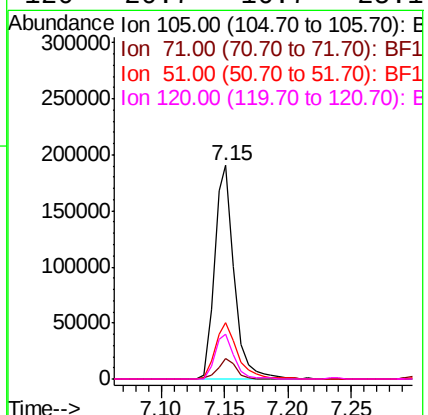
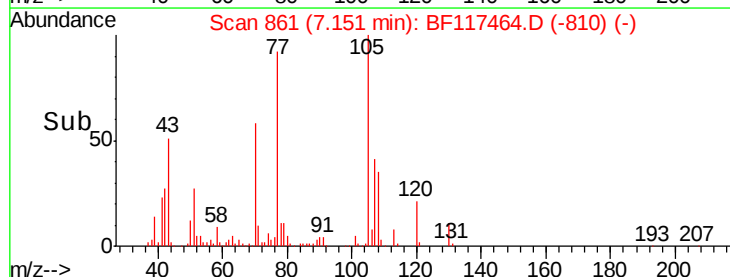
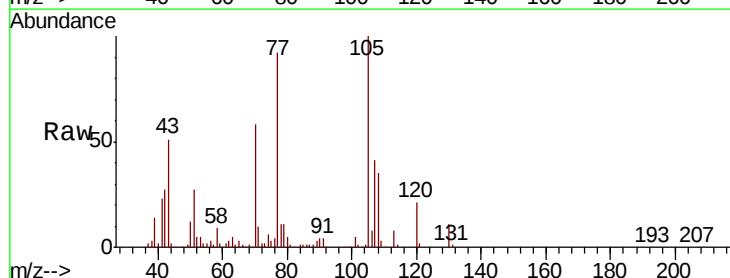
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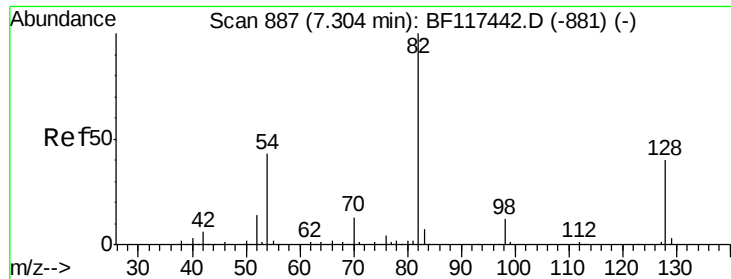
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#22
Acetophenone
Concen: 28.726 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		208130		
71	9.8		6.2	9.2#	
51	26.6		21.8	32.6	
120	20.7		16.7	25.1	





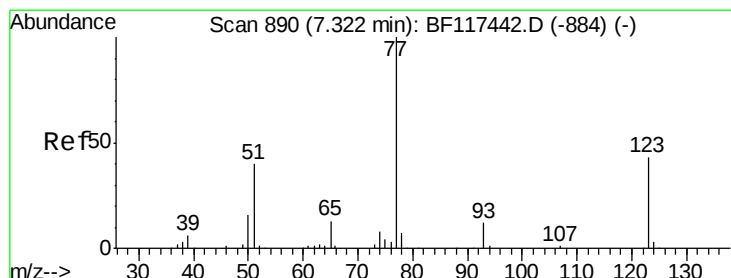
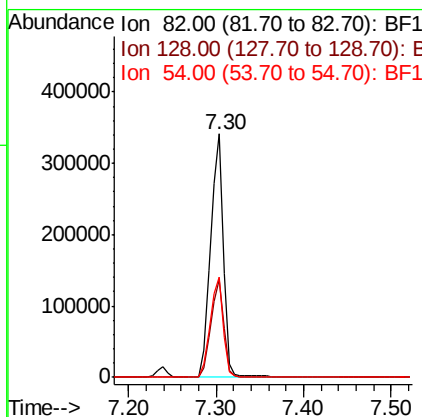
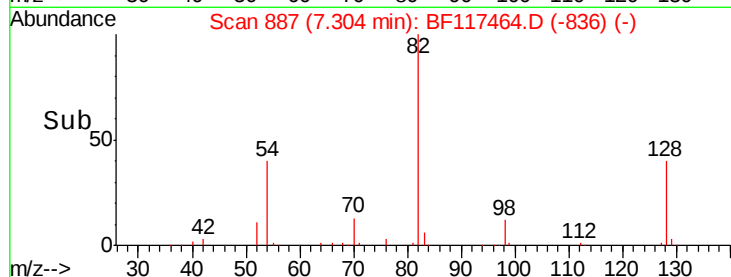
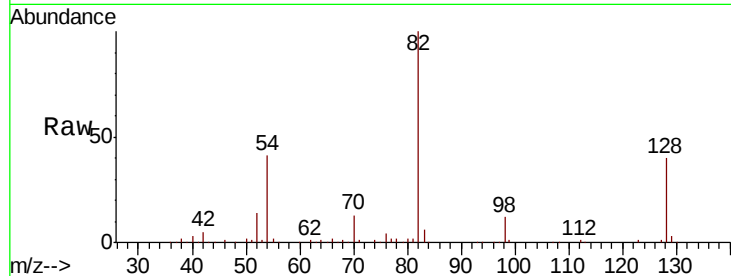
#23
Nitrobenzene-d5
Concen: 63.543 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.2	48.2
54	41.0	34.2	51.2

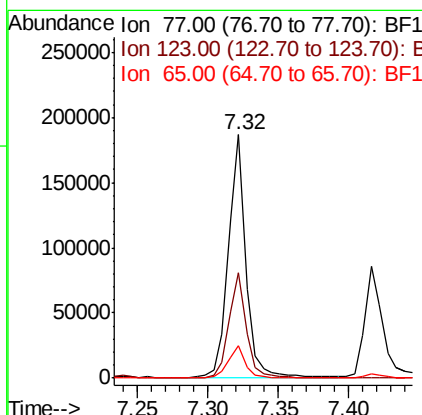
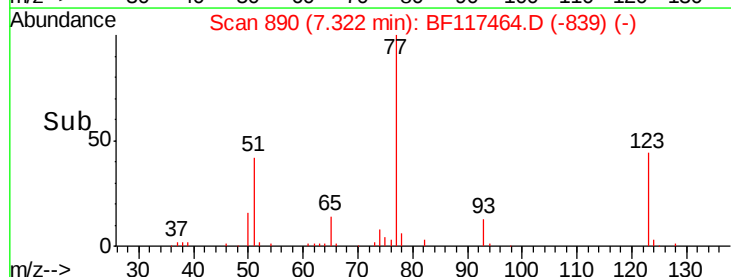
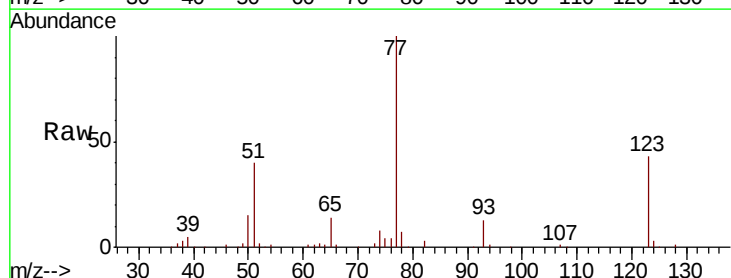
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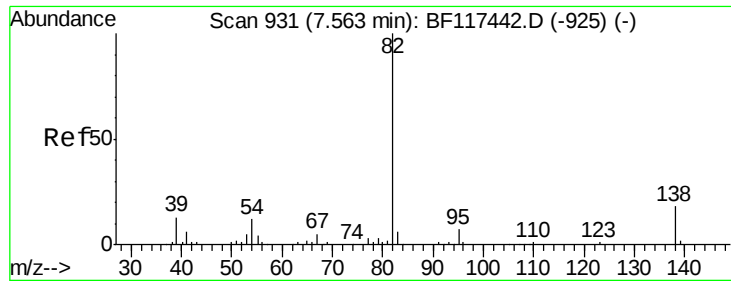
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#24
Nitrobenzene
Concen: 30.300 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	34.2	51.2
65	13.5	10.3	15.5





#25

Isophorone

Concen: 30.701 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

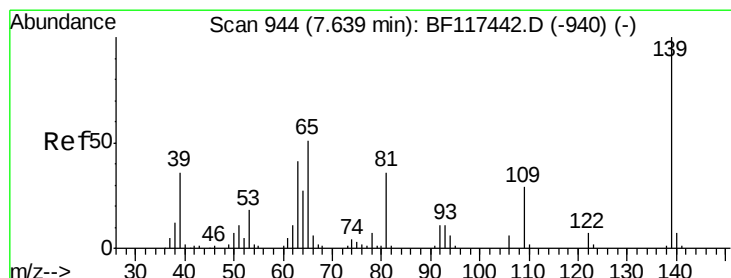
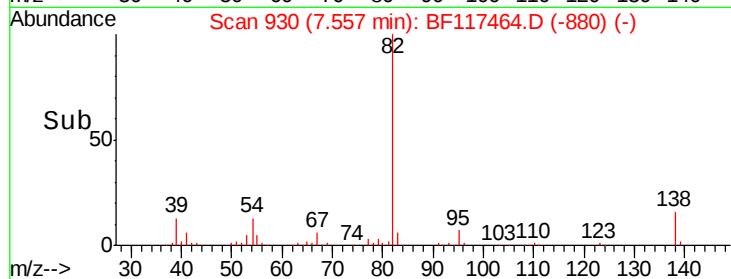
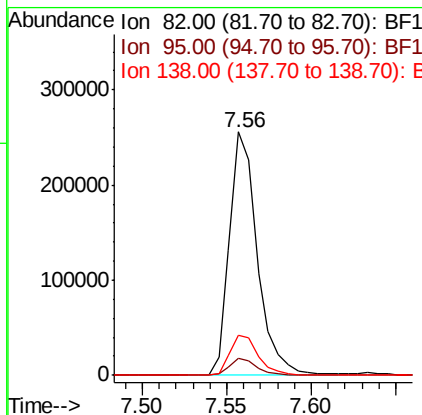
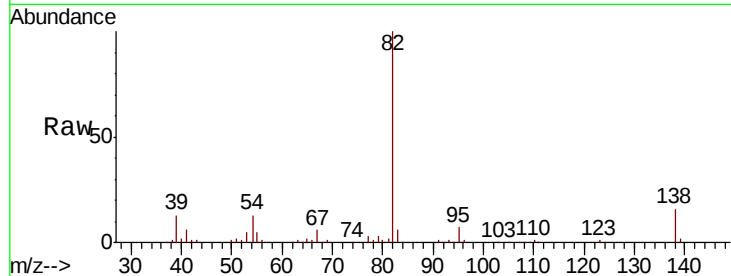
ClientSampleId :

SPMS

Tot Ion:	82	Resp:	293547
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.0
138	16.2	14.2	21.2

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#26

2-Nitrophenol

Concen: 30.394 ng

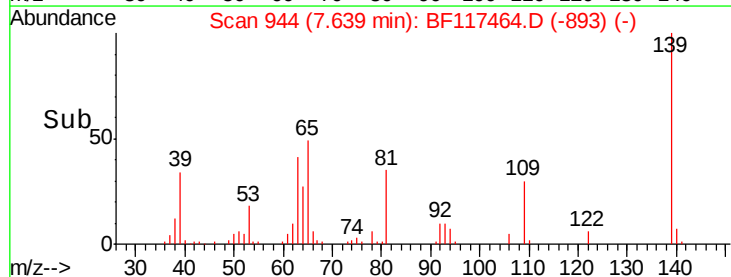
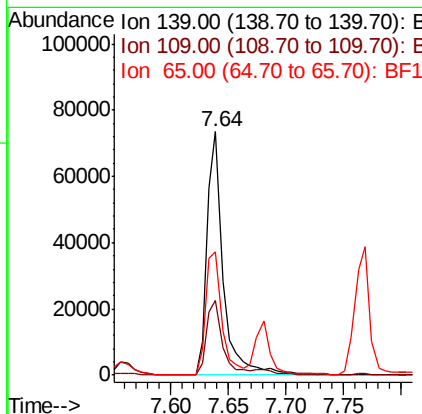
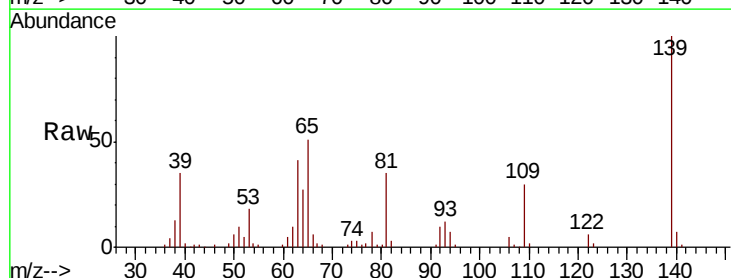
RT: 7.64 min Scan# 944

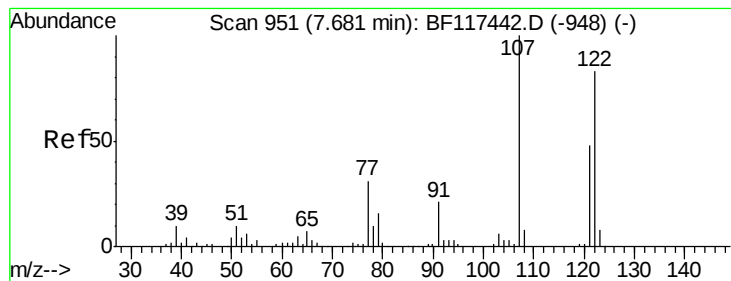
Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Tgt Ion:	139	Resp:	71762
Ion Ratio	Lower	Upper	
139	100		
109	30.4	23.2	34.8
65	50.5	41.1	61.7





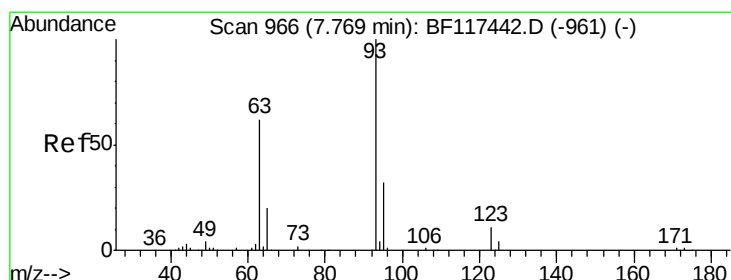
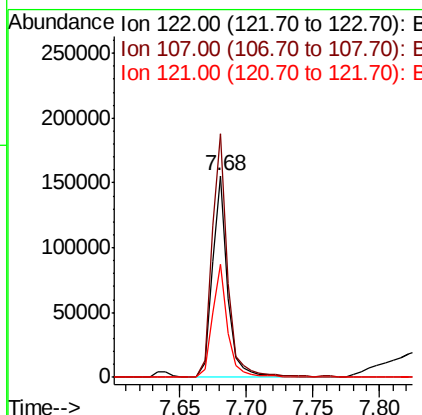
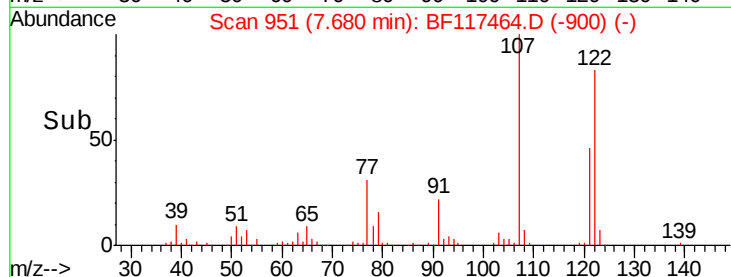
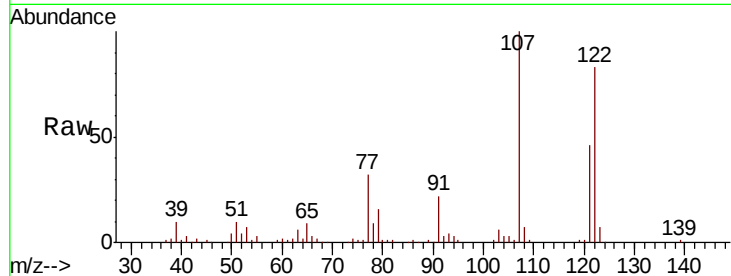
#27
 2,4-Dimethylphenol
 Concen: 34.681 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117464.D
 Acq: 21 Oct 2019 22:55

Instrument :
 BNA_F
 ClientSampled :
 SPMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	122374		
107	120.9	96.8	145.2	
121	55.9	46.4	69.6	

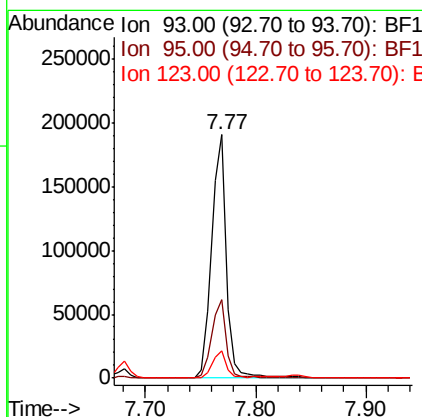
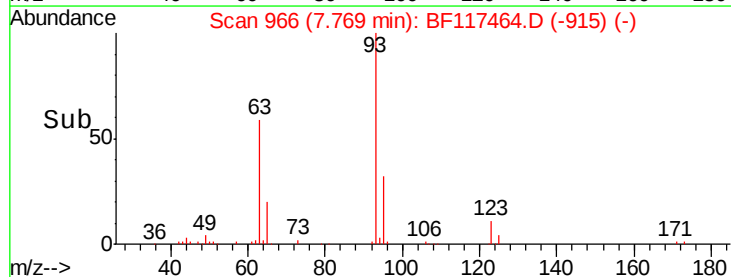
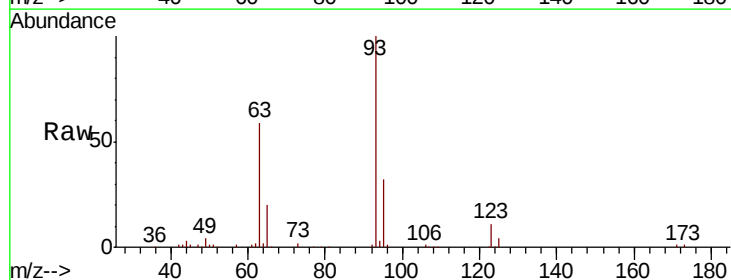
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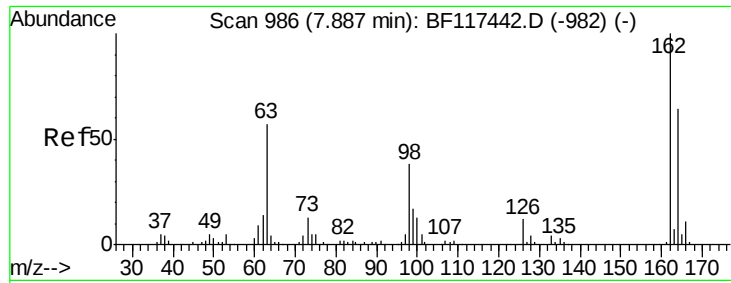
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 29.201 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF117464.D
 Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	172282		
95	32.2	25.5	38.3	
123	11.1	9.0	13.6	





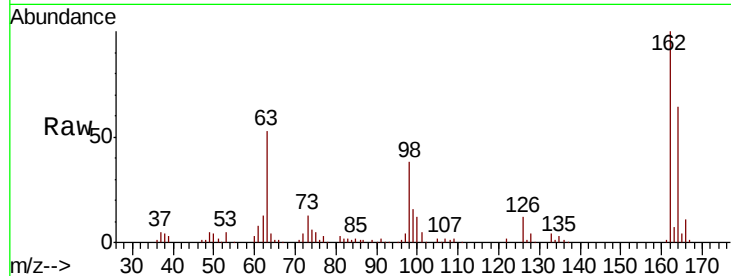
#29
2,4-Dichlorophenol
Concen: 30.899 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampled :
SPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	114357		
164	63.5	44.4	84.4	
98	37.7	18.2	58.2	

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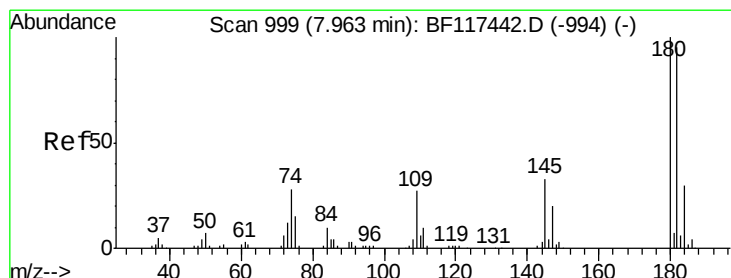
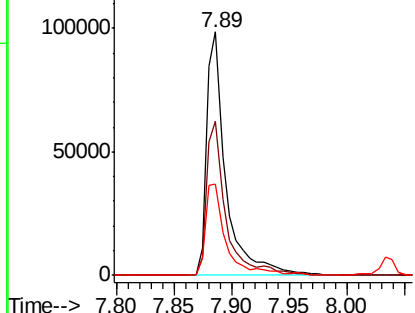
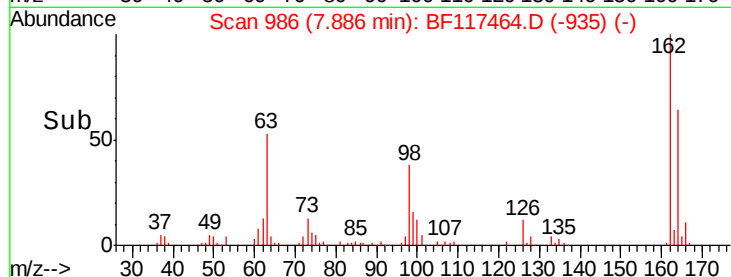


Abundance

Ion 162.00 (161.70 to 162.70): E

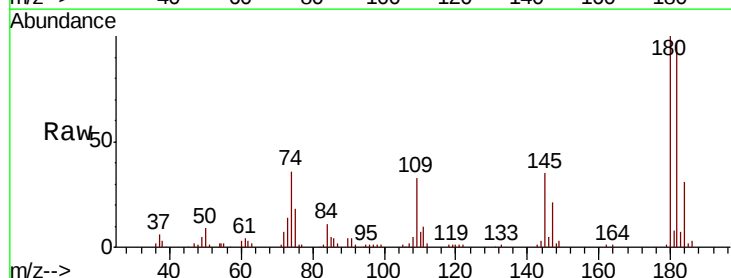
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 28.567 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	113458		
182	96.9	75.8	113.8	
145	35.0	26.5	39.7	

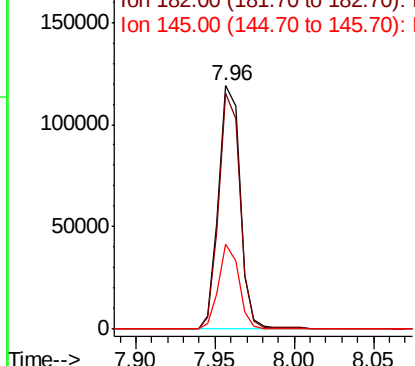
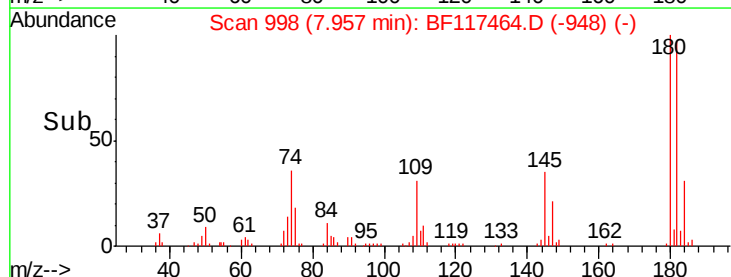


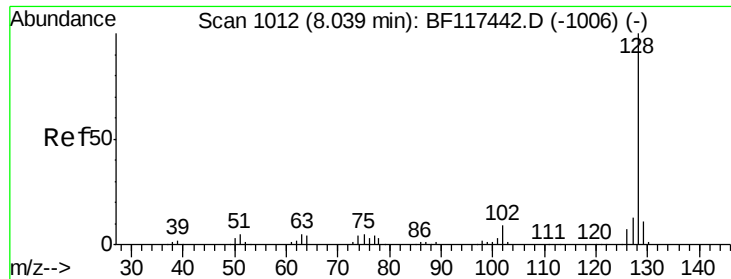
Abundance

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: 29.934 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

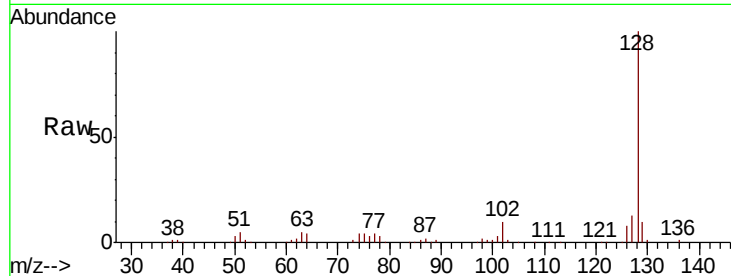
ClientSampled :

SPMS

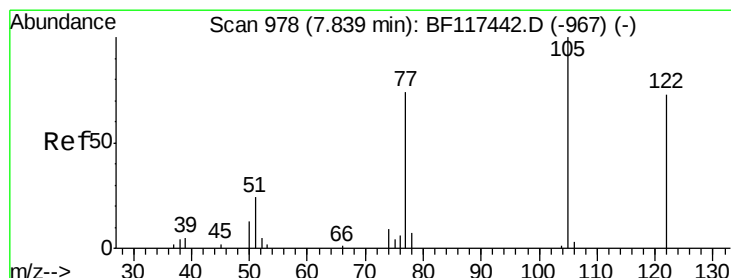
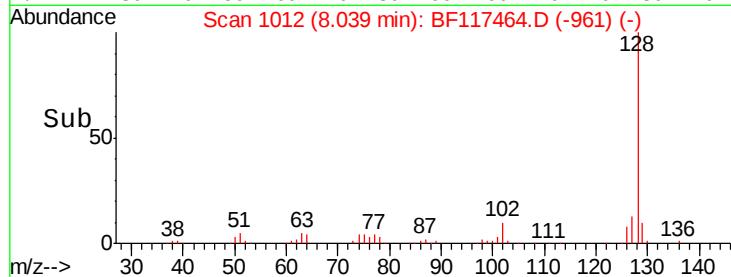
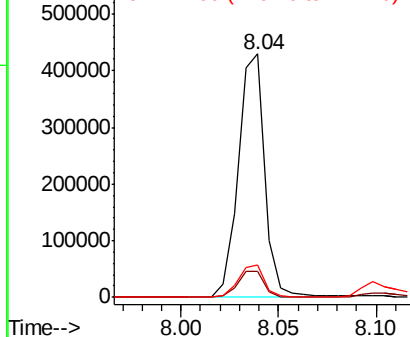
Tot Ion:	128	Resp:	404850
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.0	13.4
127	13.2	10.2	15.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.807 ng

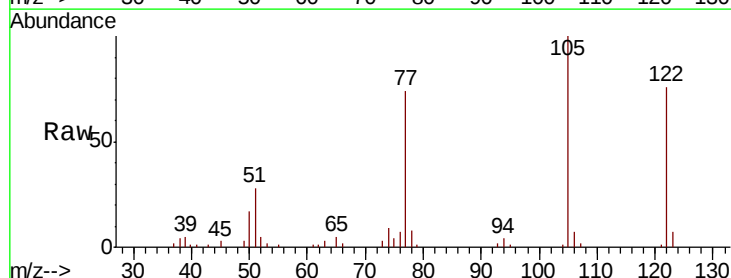
RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

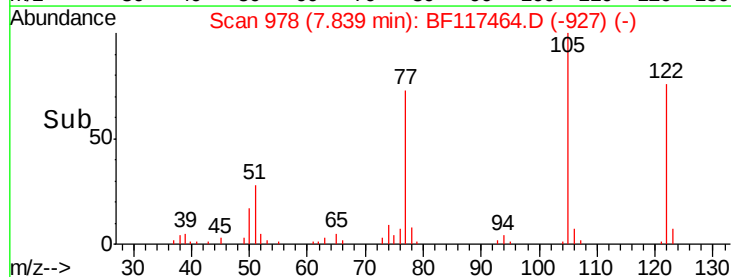
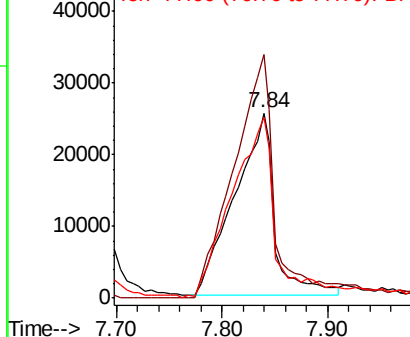
Lab File: BF117464.D

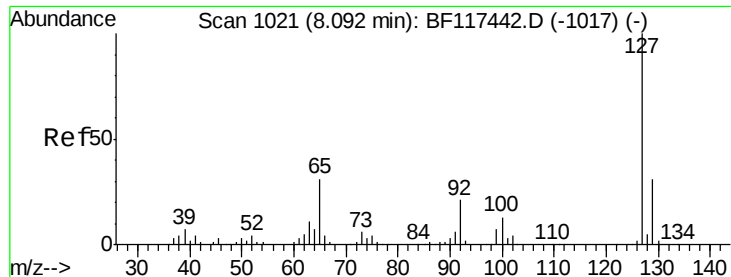
Acq: 21 Oct 2019 22:55

Tgt Ion:	122	Resp:	67205
Ion Ratio	Lower	Upper	
122	100		
105	131.7	115.0	155.0
77	97.9	79.7	119.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





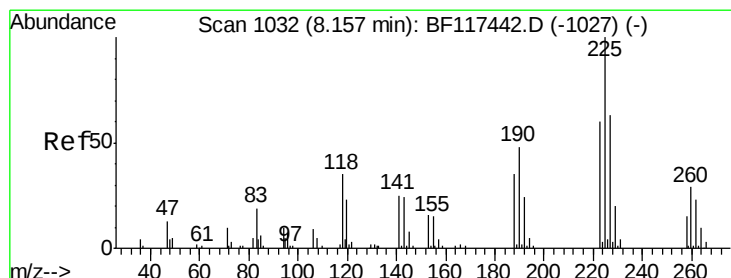
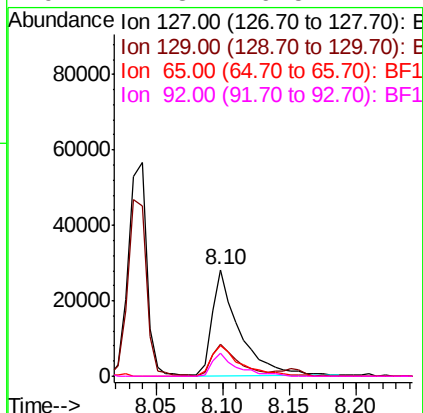
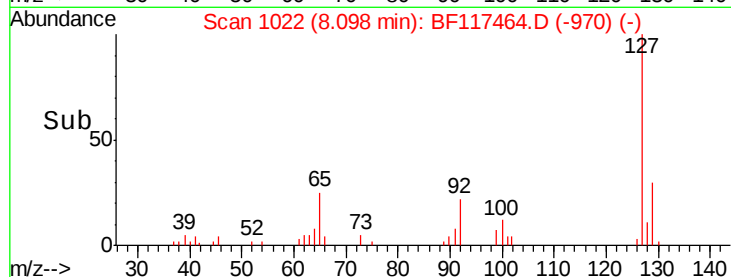
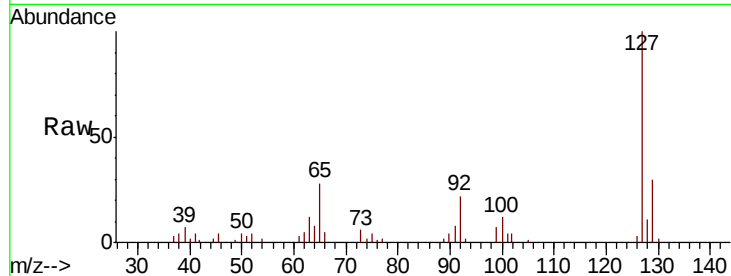
#33
4-Chloroaniline
Concen: 6.928 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampled :
SPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.8	24.8	37.2		
65	28.3	24.6	37.0		
92	21.8	16.5	24.7		

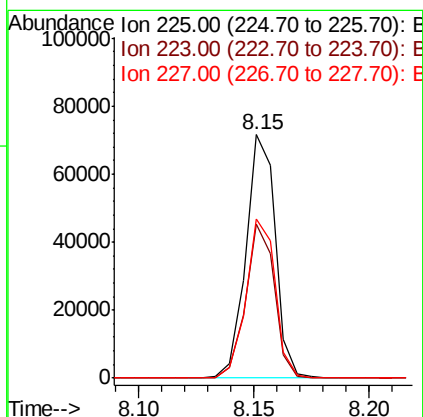
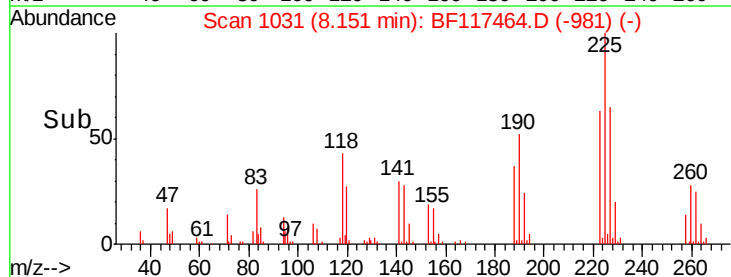
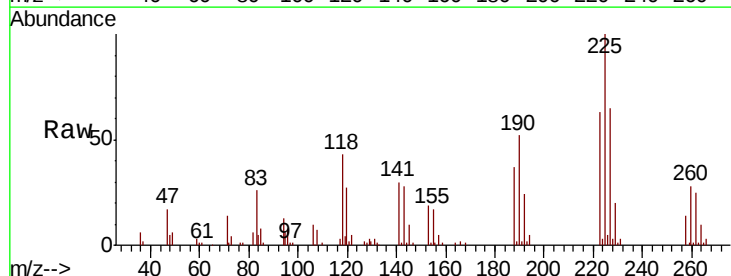
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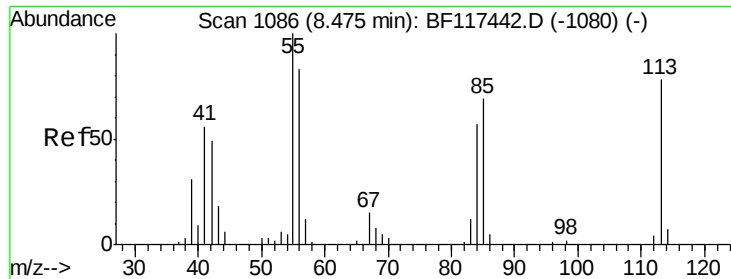
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#34
Hexachlorobutadiene
Concen: 27.767 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	48.2	72.4		
227	65.3	50.2	75.4		





#35

Caprolactam

Concen: 36.161 ng/mL

RT: 8.47 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

ClientSampleID :

SPMS

Tot Ion: 113 Resp: 42992

Ion Ratio Lower Upper

113 100

55 140.2 108.8 148.8

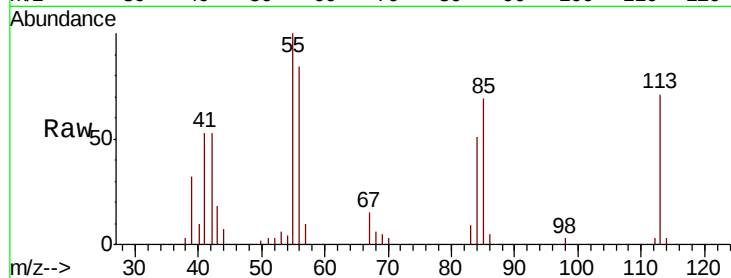
56 118.4 87.2 127.2

Manual Integrations

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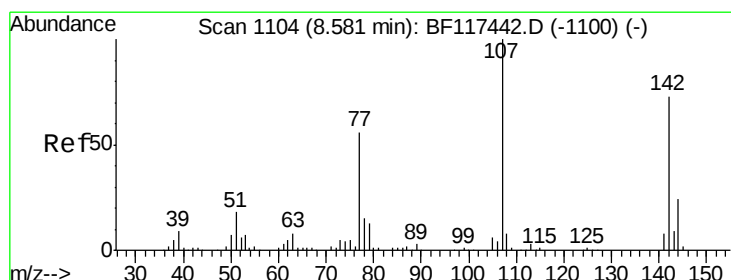
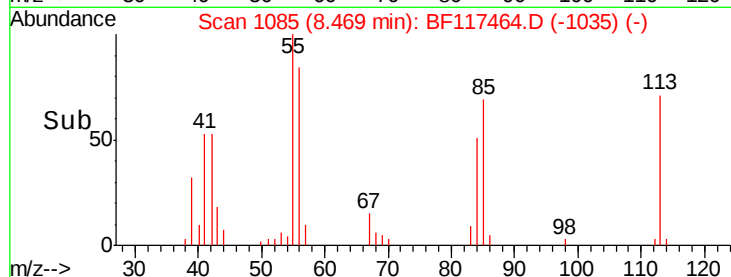
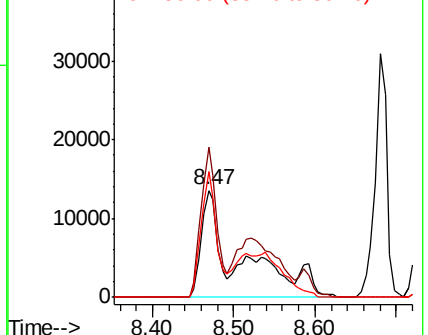


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 31.829 ng/mL

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

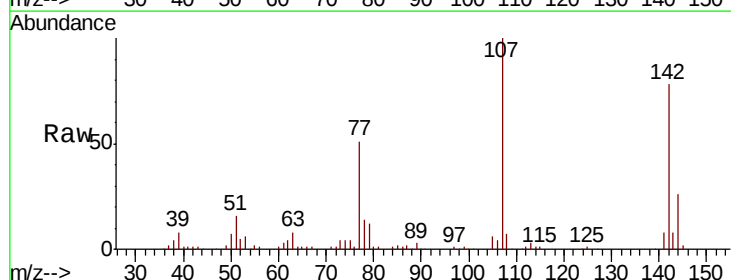
Tgt Ion: 107 Resp: 134348

Ion Ratio Lower Upper

107 100

144 25.5 18.9 28.3

142 78.0 58.6 88.0

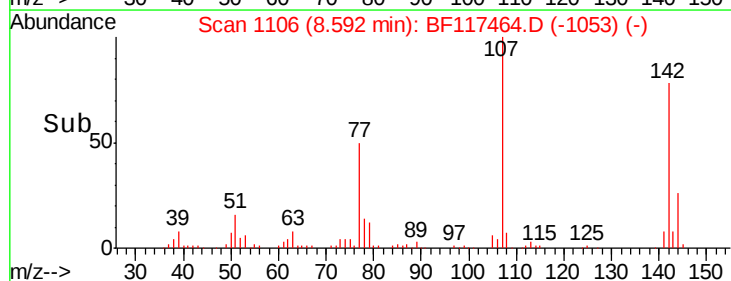
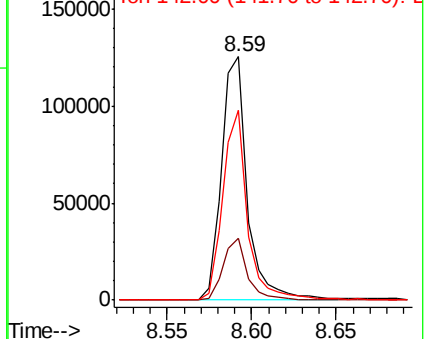


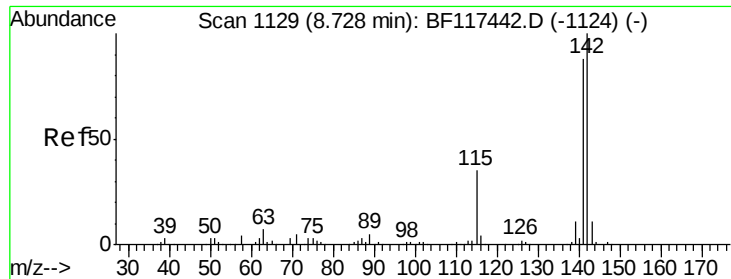
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





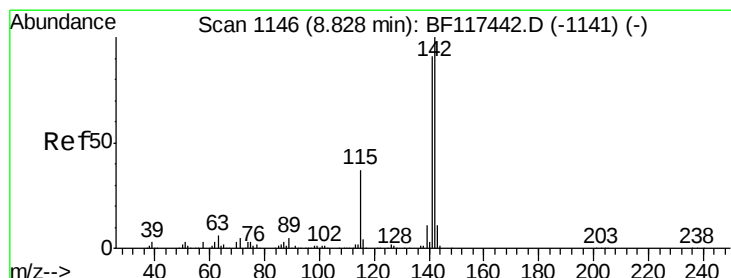
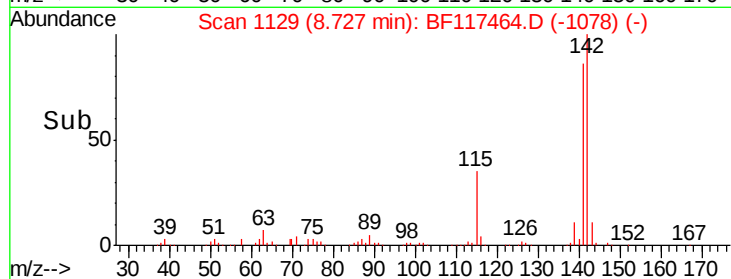
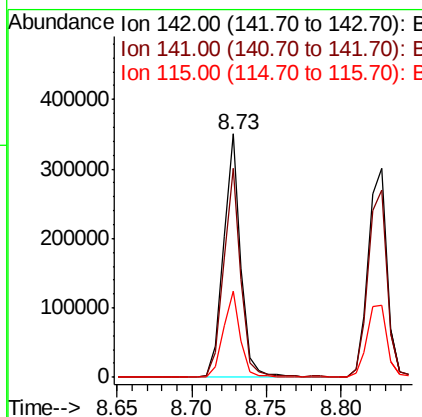
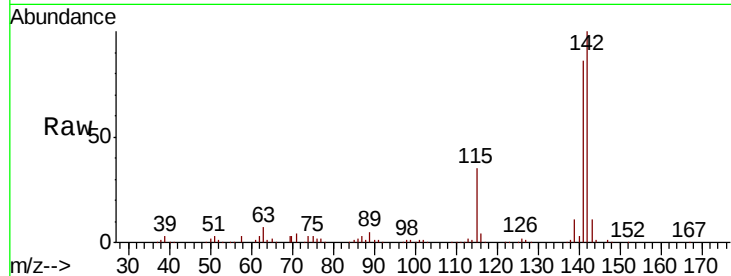
#37
2-Methylnaphthalene
Concen: 31.459 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.0	70.3	105.5
115	35.2	28.2	42.2

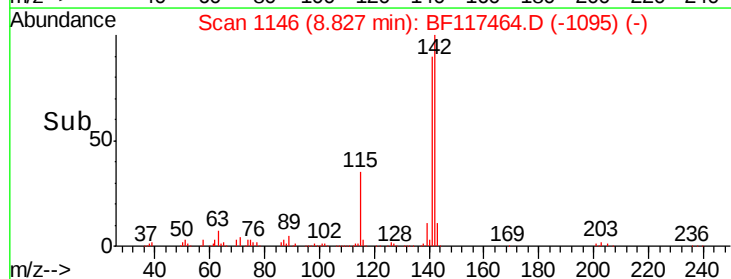
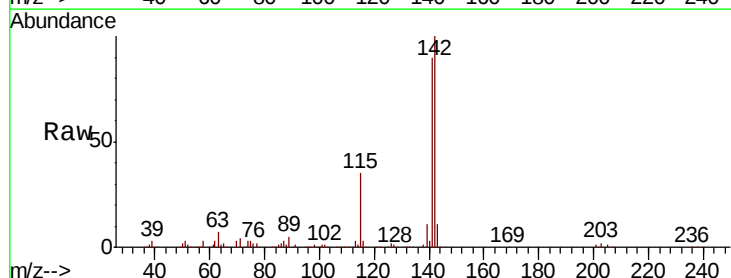
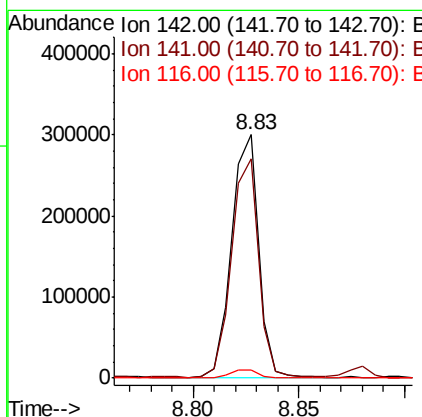
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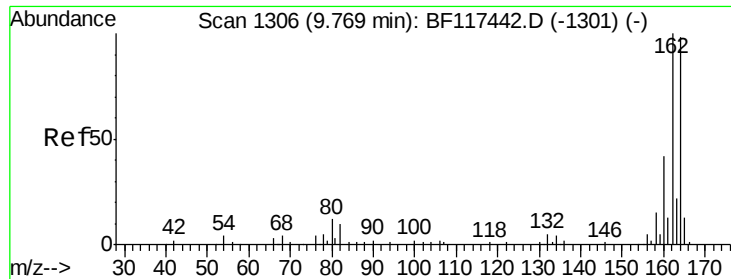
mohammad
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#38
1-Methylnaphthalene
Concen: 30.658 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.3	109.9
116	3.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

ClientSampleId :

SPMS

Tot Ion:164 Resp: 145305

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.6

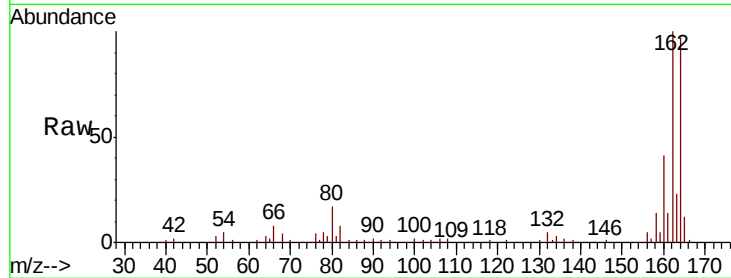
160 42.3 34.4 51.6

Manual Integrations

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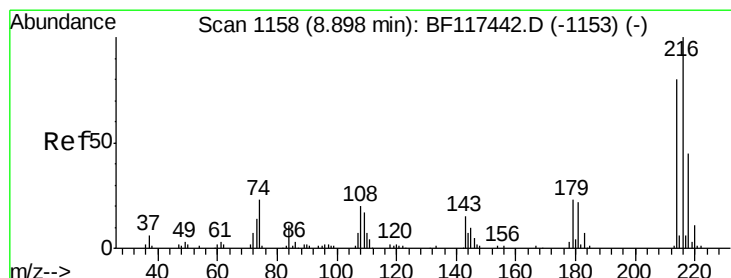
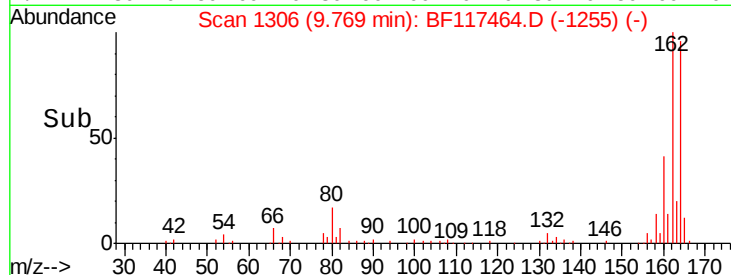
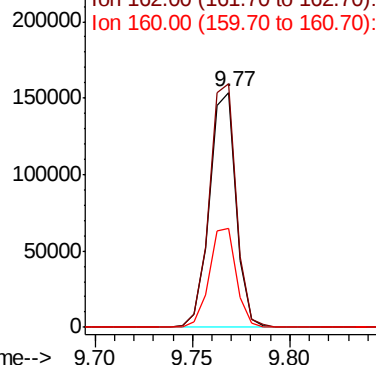


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 27.116 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Tgt Ion:216 Resp: 106122

Ion Ratio Lower Upper

216 100

214 79.9 62.4 93.6

179 22.8 18.1 27.1

108 23.6 16.6 24.8

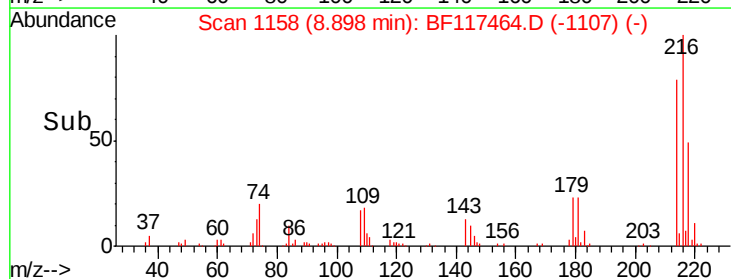
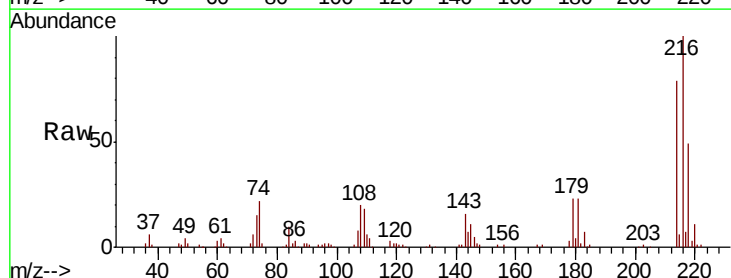
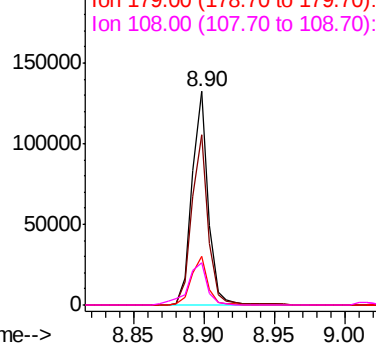
Abundance

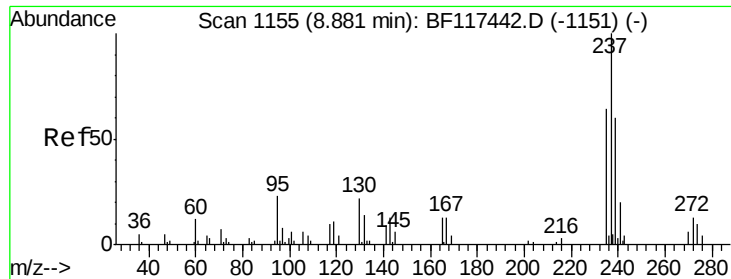
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.993 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

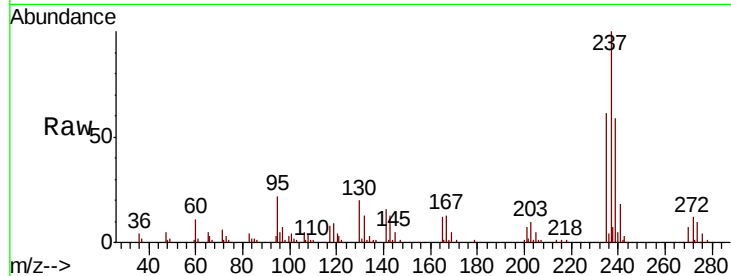
ClientSampleId :

SPMS

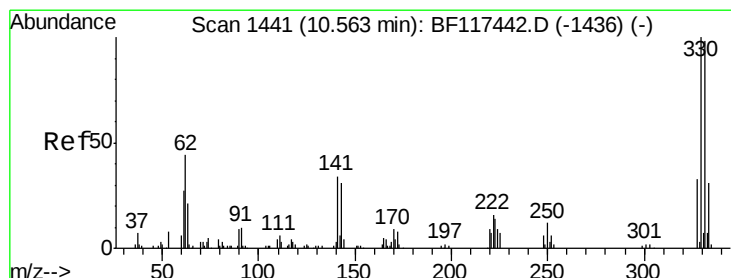
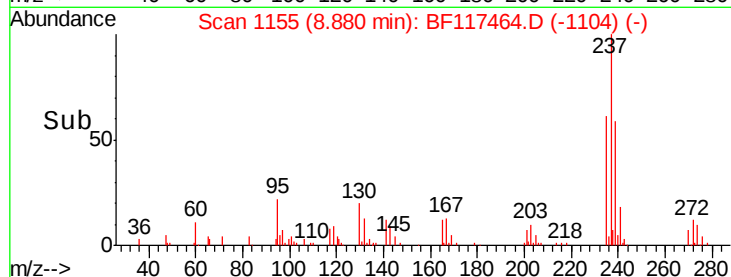
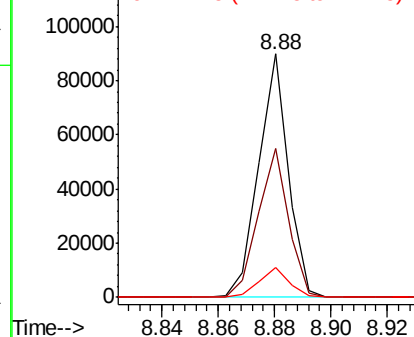
Tot Ion:	237	Resp:	65427
Ion Ratio	Lower	Upper	
237	100		
235	60.9	44.3	84.3
272	12.2	0.0	33.2

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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: 92.762 ng

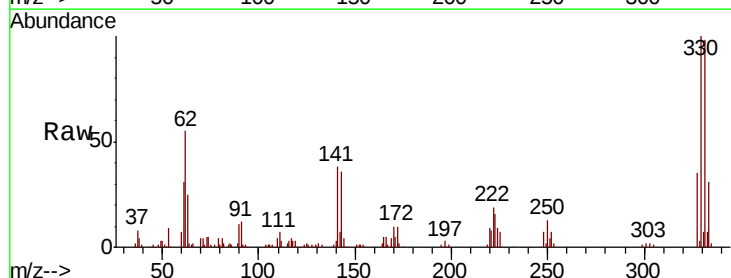
RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

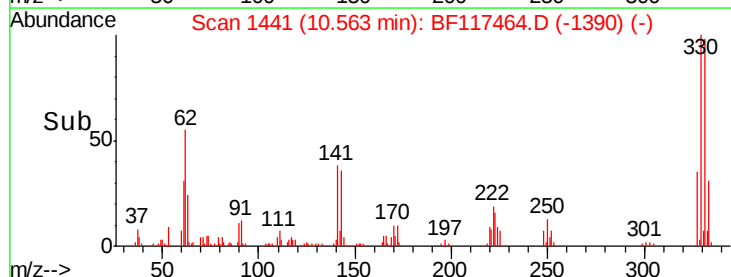
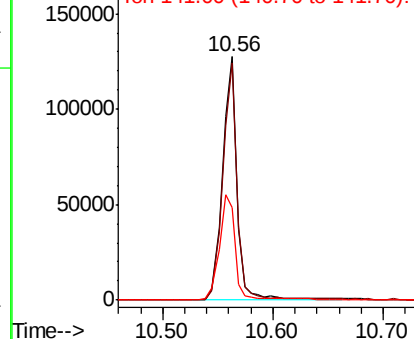
Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Tgt Ion:	330	Resp:	116626
Ion Ratio	Lower	Upper	
330	100		
332	97.3	78.5	117.7
141	46.0	37.0	55.6



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





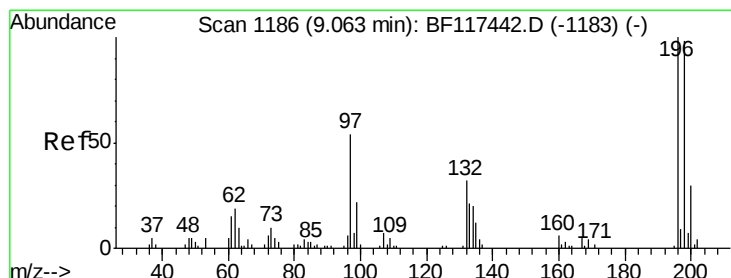
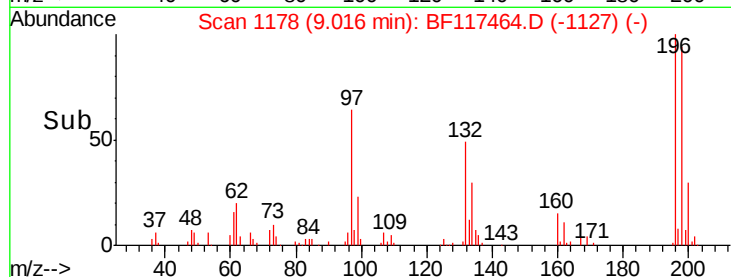
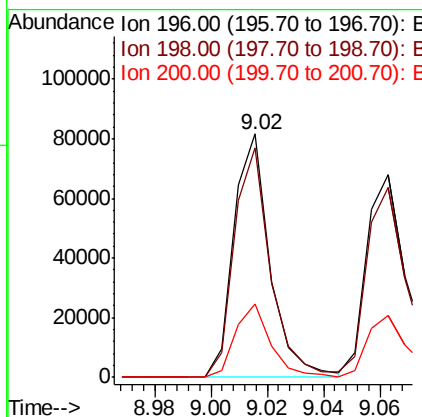
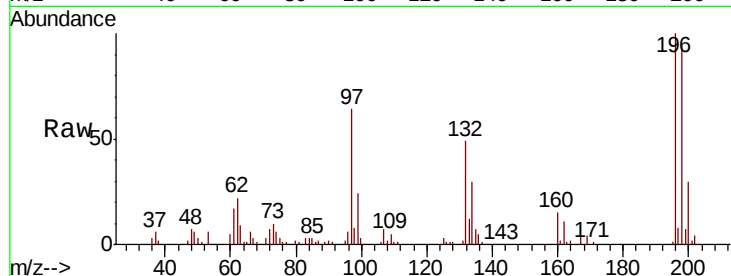
#43
 2,4,6-Trichlorophenol
 Concen: 29.718 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117464.D
 Acq: 21 Oct 2019 22:55

Instrument :
 BNA_F
 ClientSampleID :
 SPMS

Tot Ion:	196	Resp:	72833
Ion Ratio	Lower	Upper	
196	100		
198	94.3	74.1	111.1
200	29.9	23.9	35.9

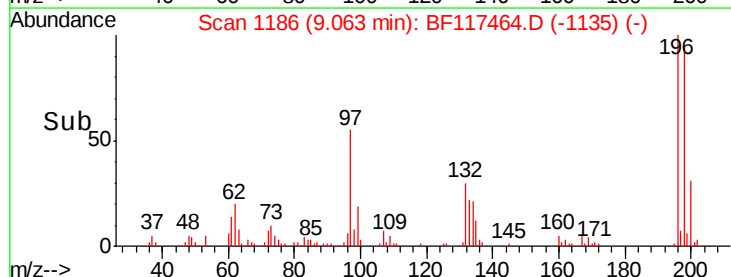
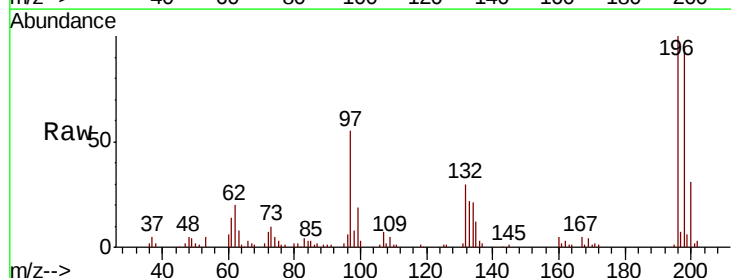
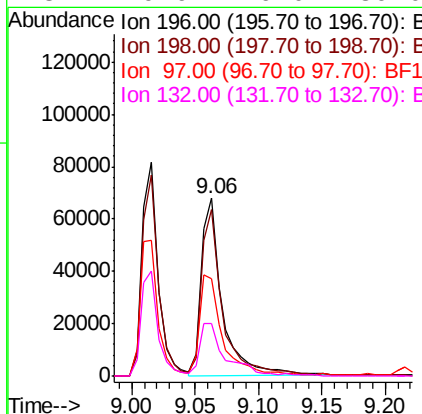
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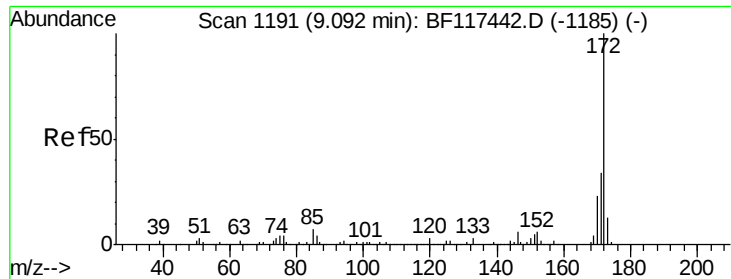
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 31.478 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117464.D
 Acq: 21 Oct 2019 22:55

Tgt Ion:	196	Resp:	78175
Ion Ratio	Lower	Upper	
196	100		
198	93.9	78.6	117.8
97	55.0	43.4	65.2
132	29.9	26.0	39.0





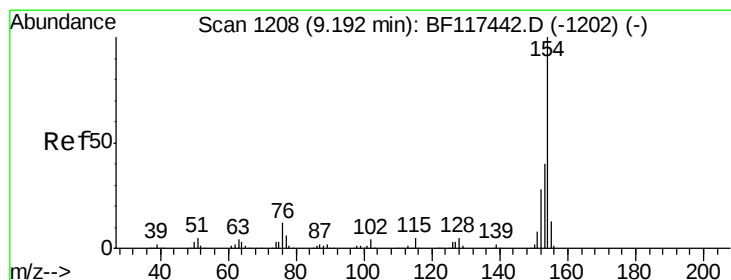
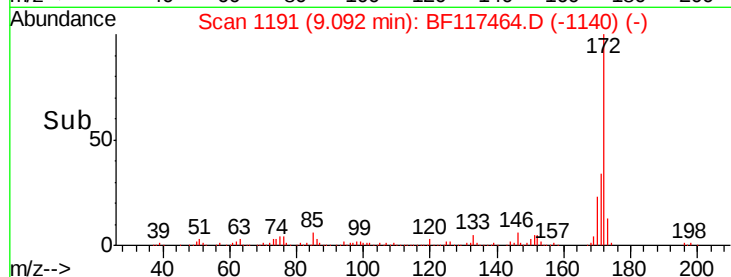
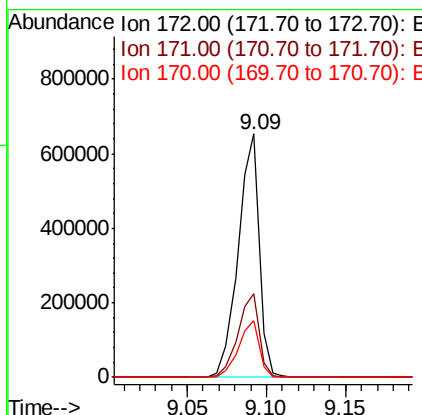
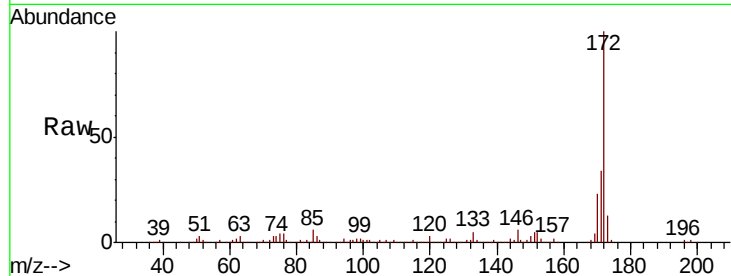
#45
2-Fluorobiphenyl
Concen: 58.086 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	23.2	18.6	27.8

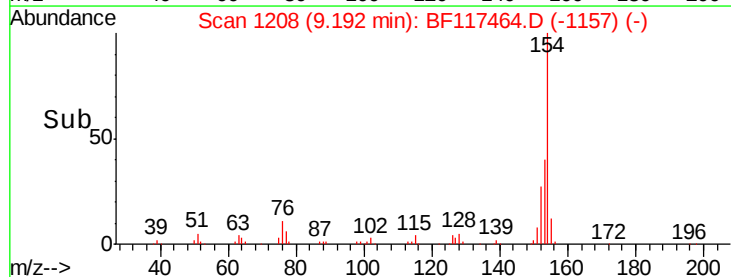
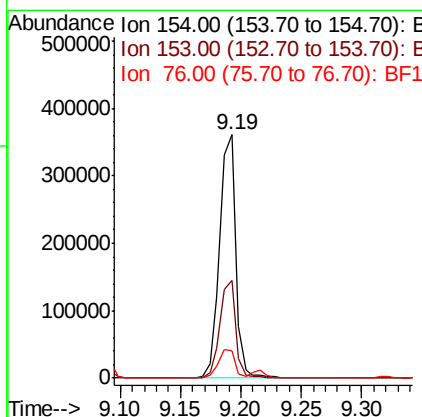
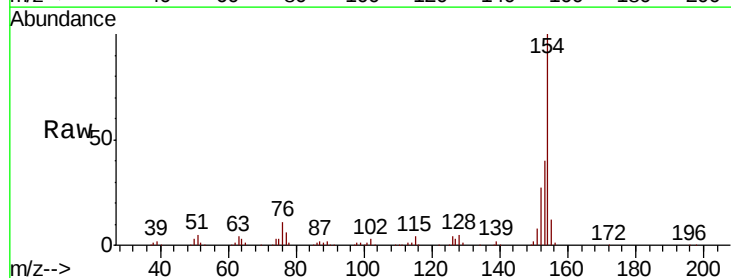
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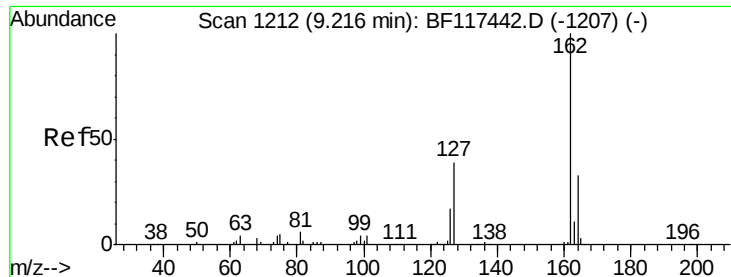
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#46
1,1'-Biphenyl
Concen: 27.685 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	11.1	0.0	32.1





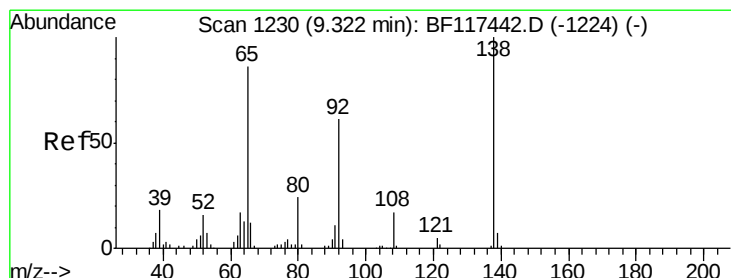
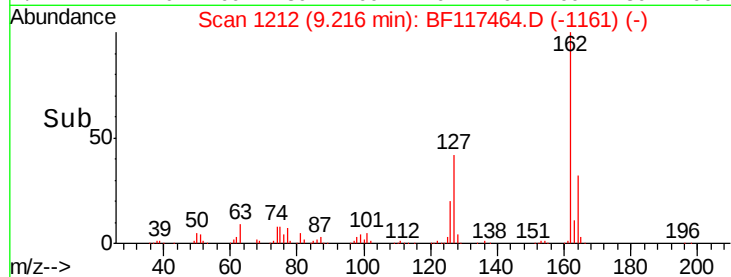
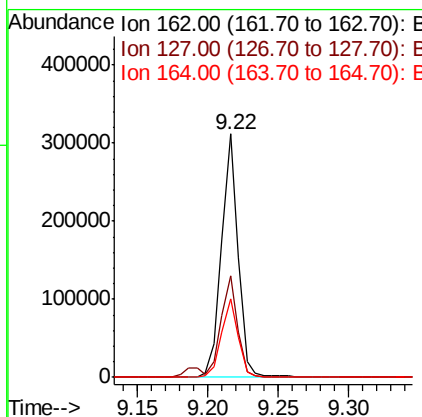
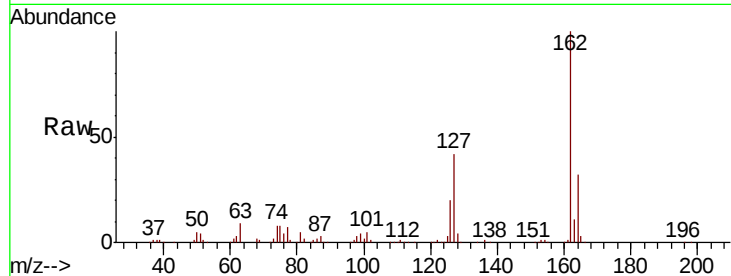
#47
2-Chloronaphthalene
Concen: 28.250 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	256227		
127	41.6		34.2	51.4
164	32.4		26.4	39.6

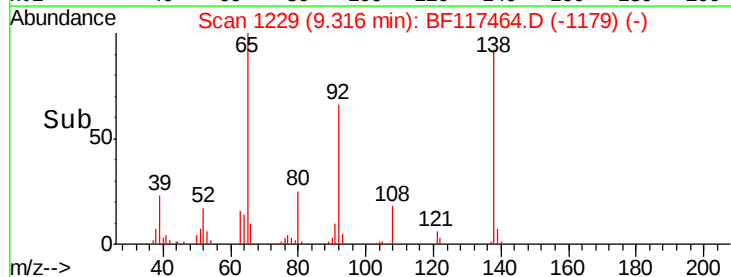
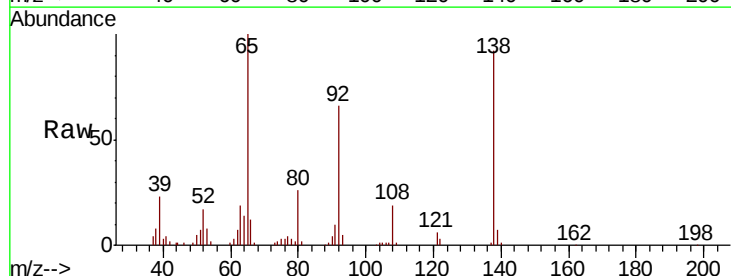
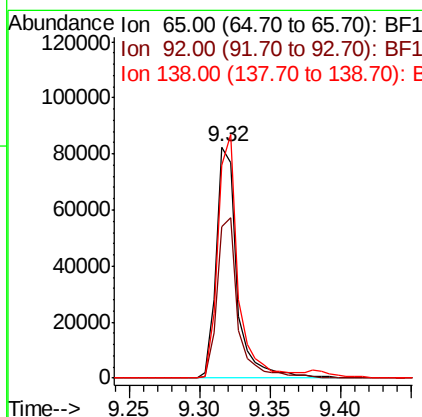
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#48
2-Nitroaniline
Concen: 28.564 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	85047		
92	65.7		57.3	85.9
138	92.2		93.3	139.9#





#49

Acenaphthylene

Concen: 29.978 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

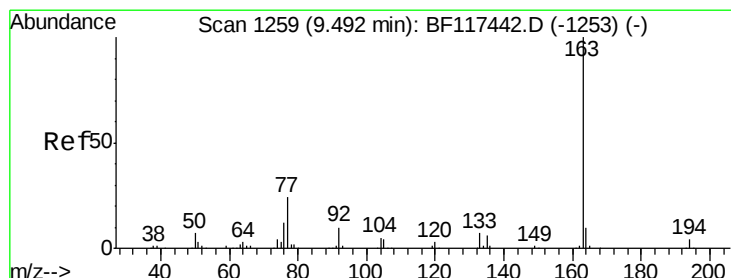
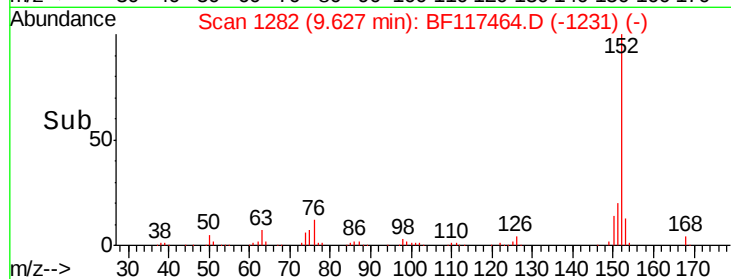
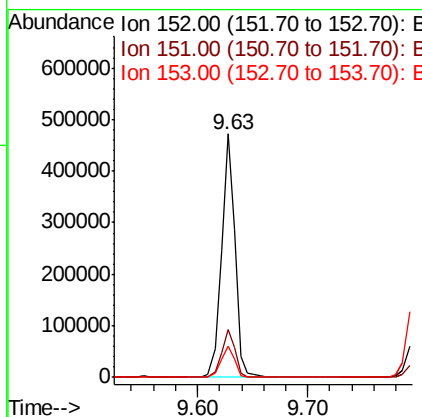
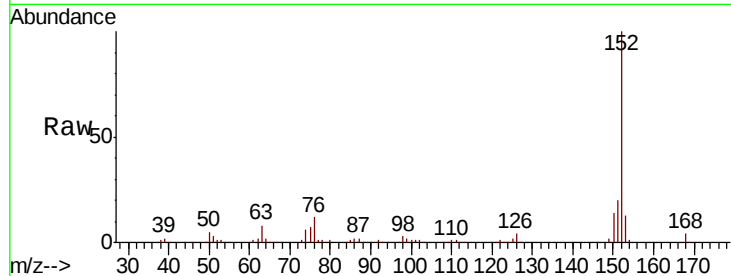
ClientSampleId :

SPMS

Tot Ion:	152	Resp:	399370
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.4	23.0
153	12.8	10.3	15.5

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#50

Dimethylphthalate

Concen: 41.218 ng

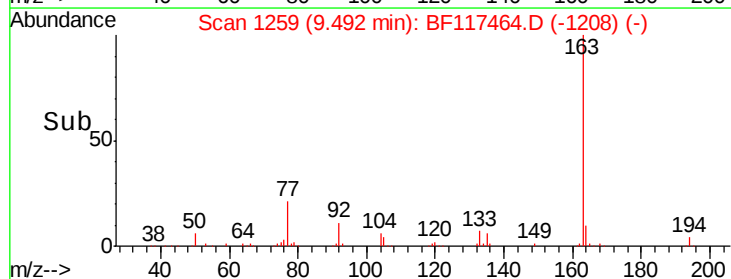
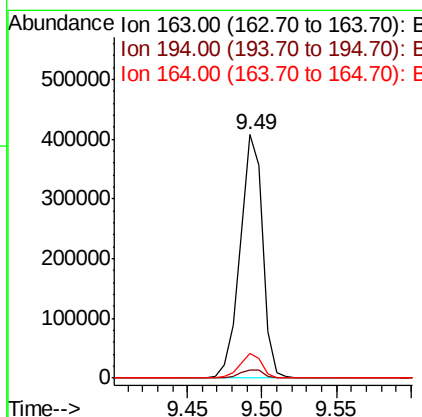
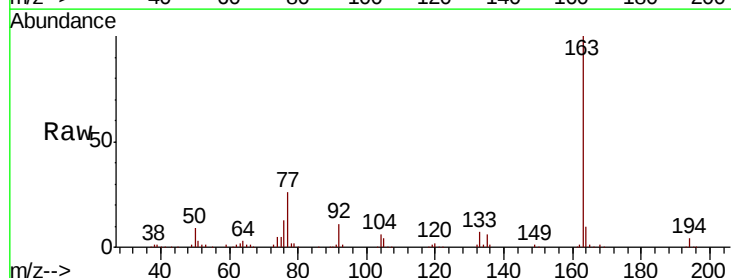
RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Tgt Ion:	163	Resp:	426960
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.9	4.3
164	10.1	8.2	12.2





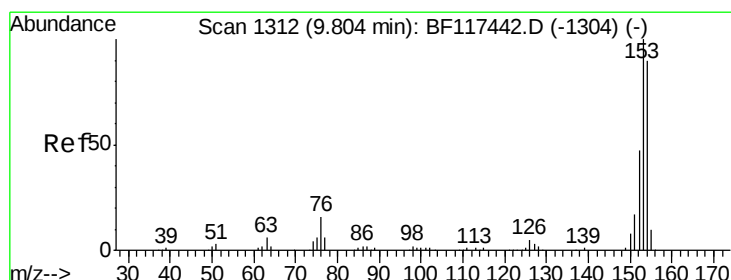
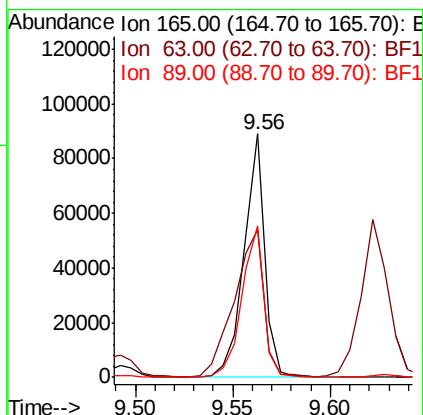
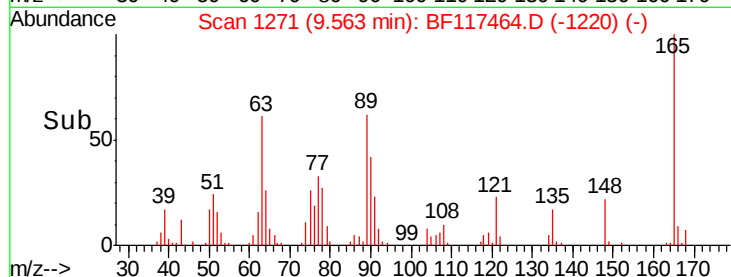
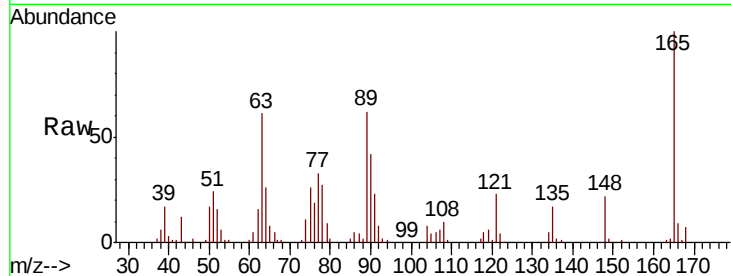
#51
2,6-Dinitrotoluene
Concen: 30.265 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.6	43.8	65.8
89	62.1	47.6	71.4

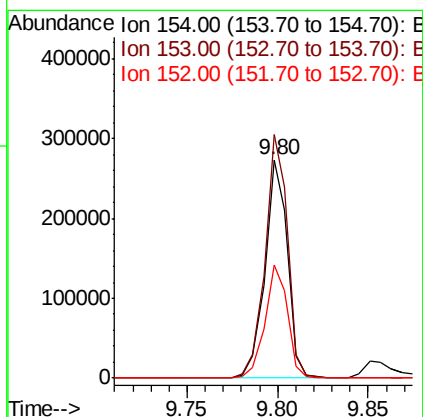
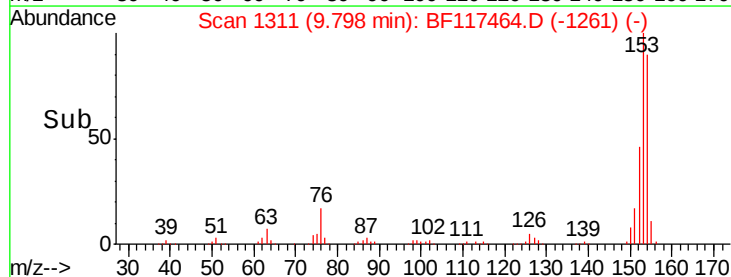
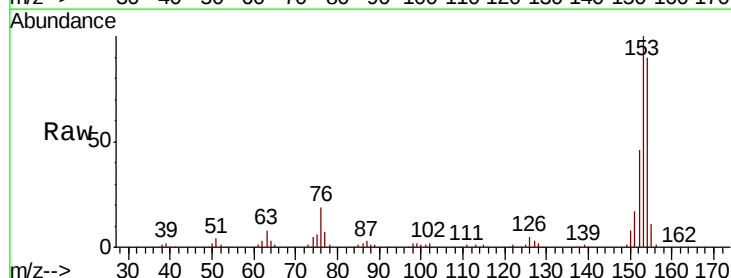
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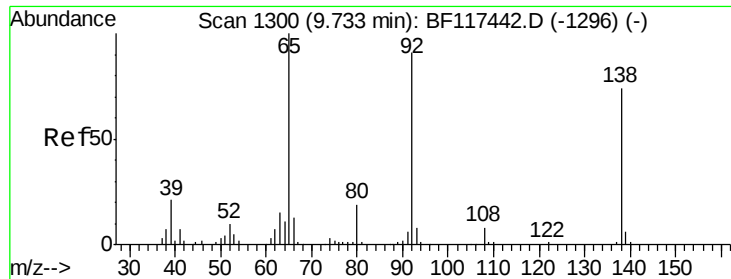
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#52
Acenaphthene
Concen: 28.885 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.2	133.8
152	51.8	41.8	62.6





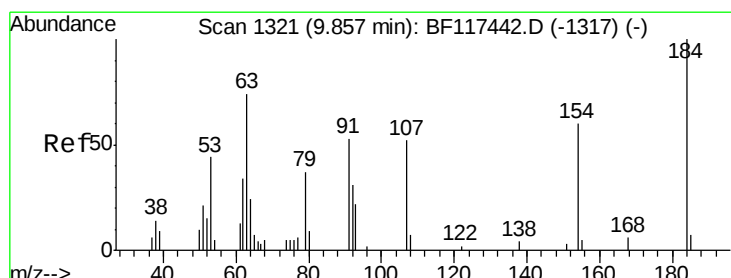
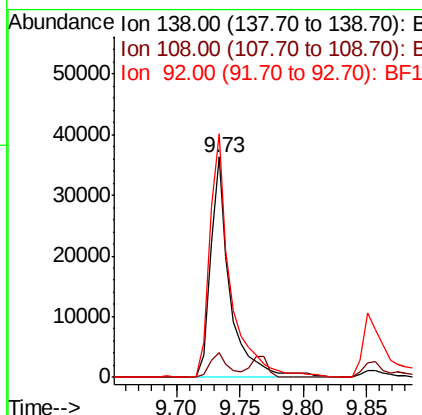
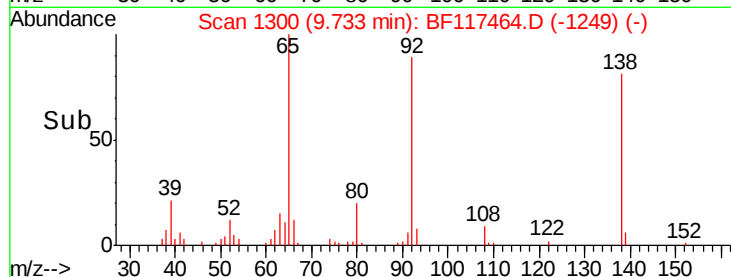
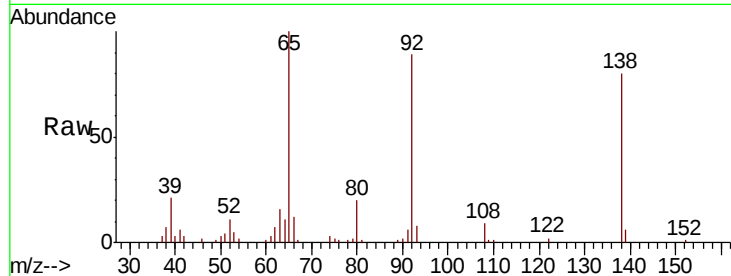
#53
3-Nitroaniline
Concen: 14.725 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	110.6	98.4	147.6

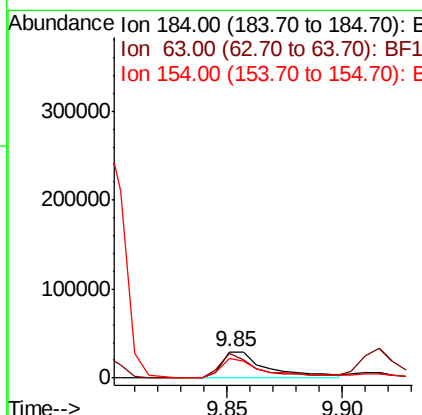
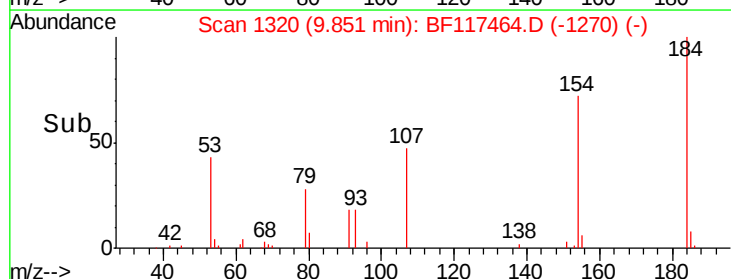
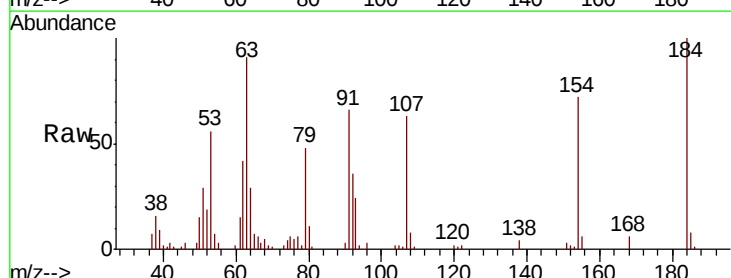
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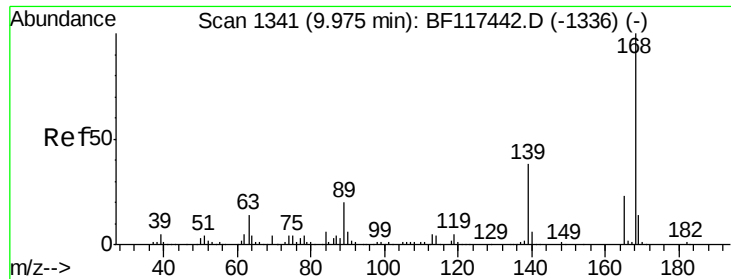
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#54
2,4-Dinitrophenol
Concen: 47.866 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	91.3	59.2	88.8#
154	72.3	53.4	80.0





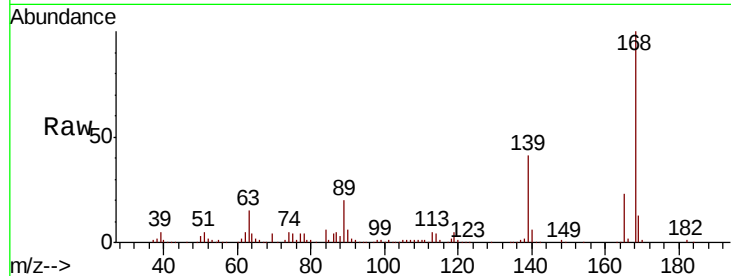
#55
Dibenzenofuran
Concen: 30.206 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	31.8	47.6
169	13.3	11.2	16.8

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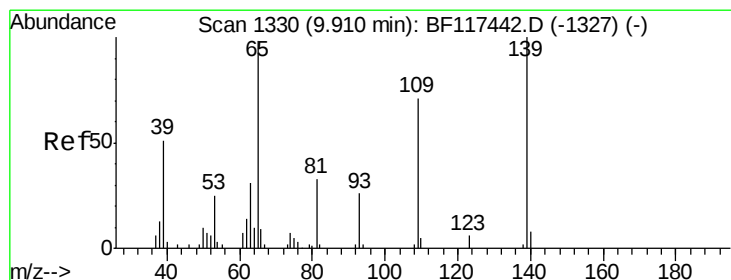
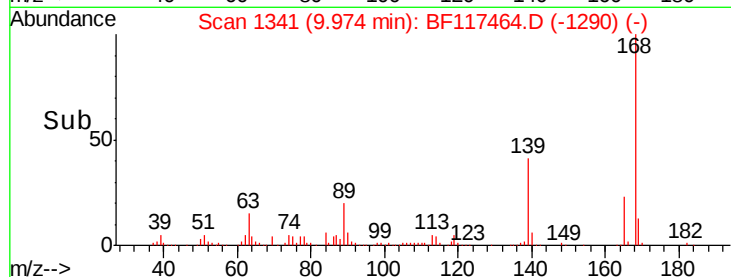
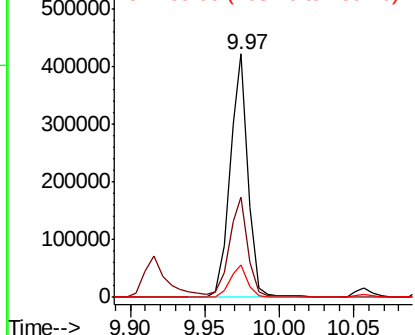


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 64.568 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

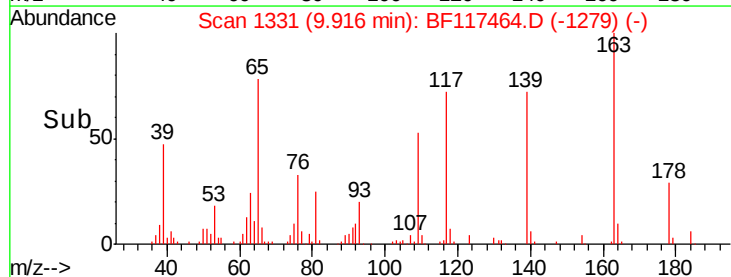
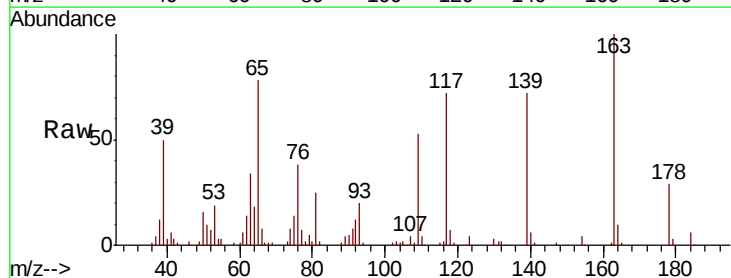
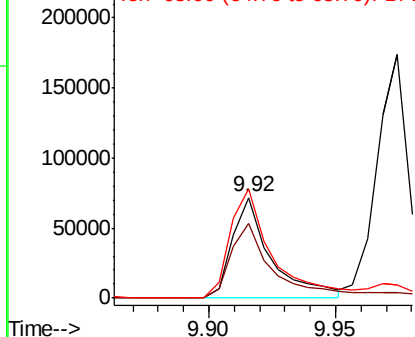
Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.9	51.4	91.4
65	108.4	79.4	119.4

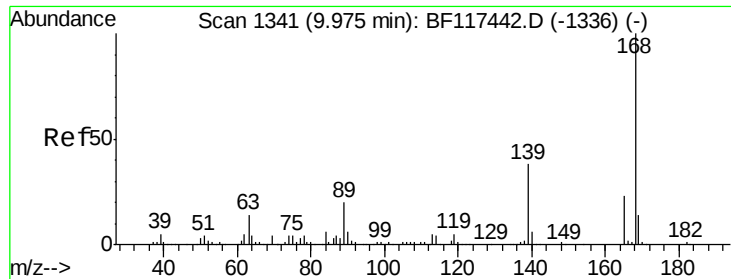
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





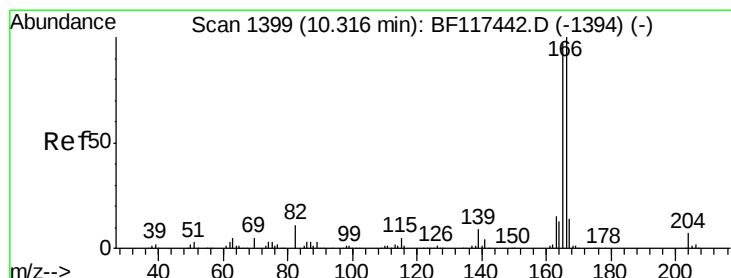
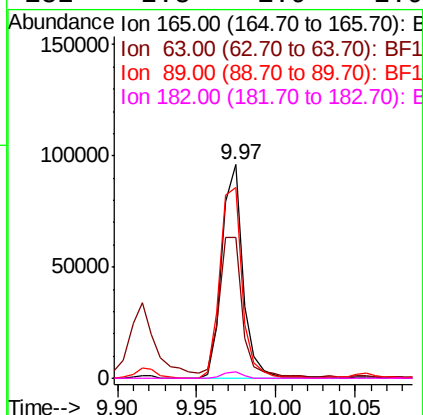
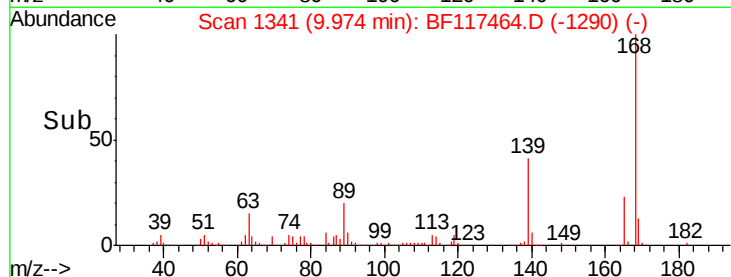
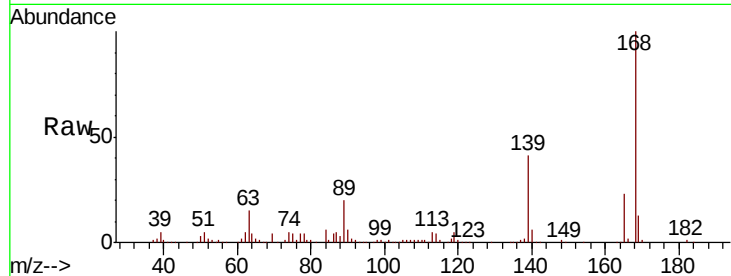
#57
2,4-Dinitrotoluene
Concen: 30.839 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampled :
SPMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	88629		
63	66.2		51.4	77.0
89	89.0		69.9	104.9
182	2.8		1.9	2.9

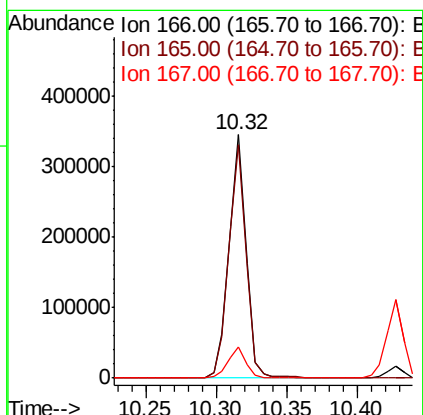
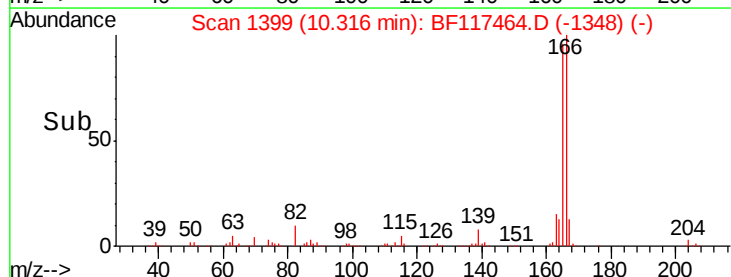
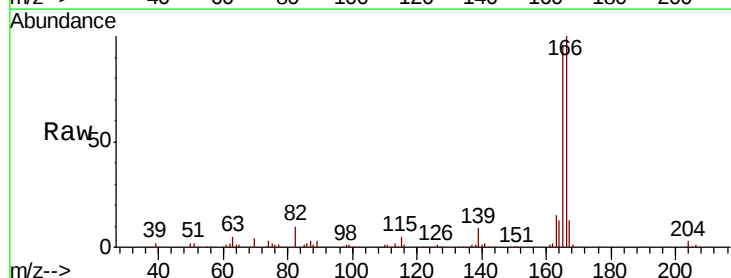
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#58
Fluorene
Concen: 30.098 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	294741		
165	96.0		77.6	116.4
167	13.0		11.0	16.4





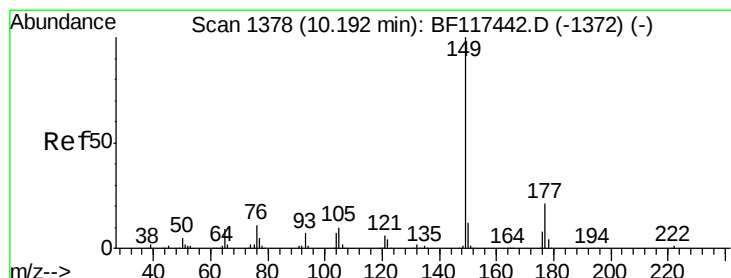
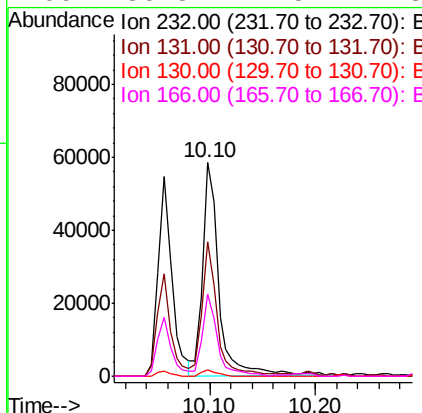
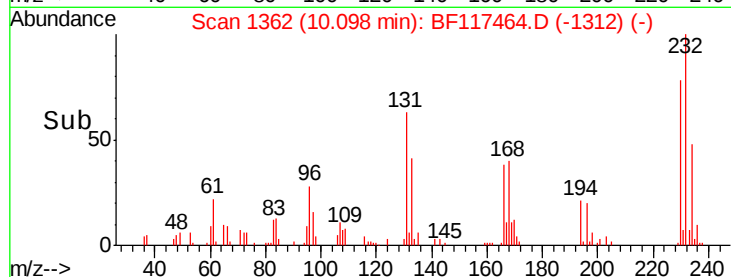
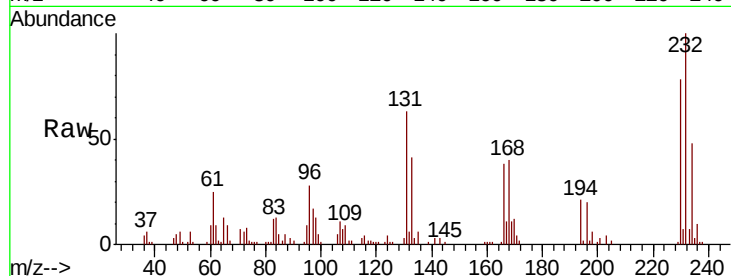
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.666 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	56.0	42.6	63.8
130	2.6	2.2	3.4
166	36.3	27.5	41.3

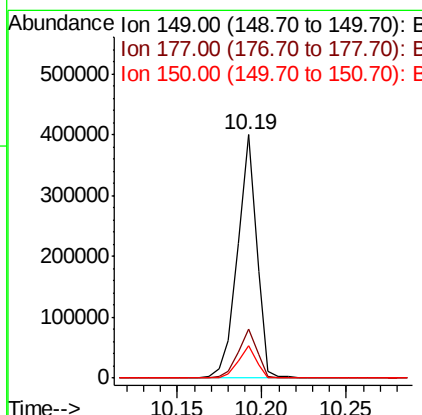
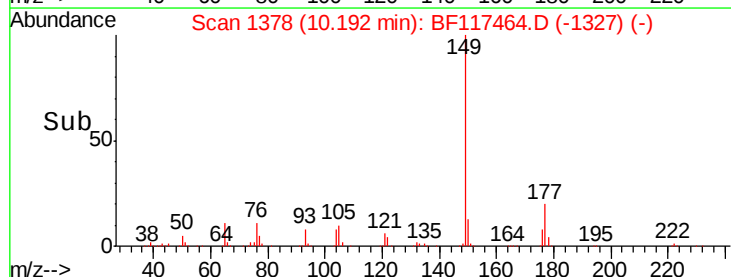
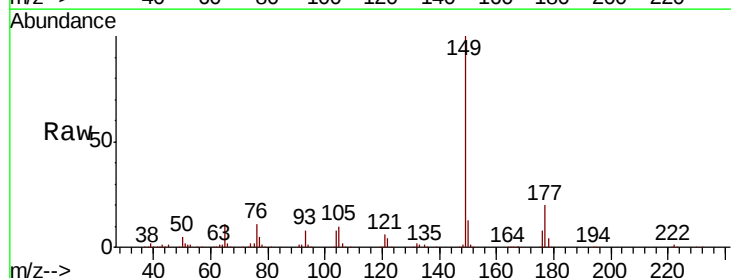
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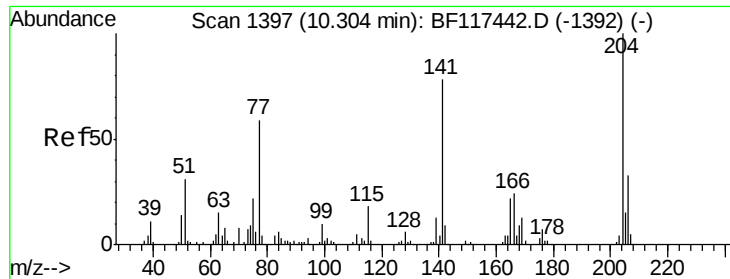
mohammad
10/22/2019 3:29:25 PM



#60
Diethylphthalate
Concen: 30.218 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	17.0	25.4
150	13.1	9.8	14.6





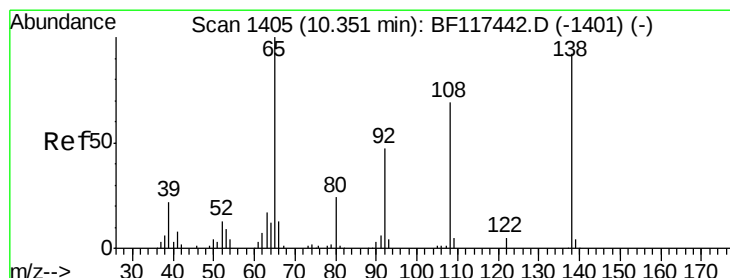
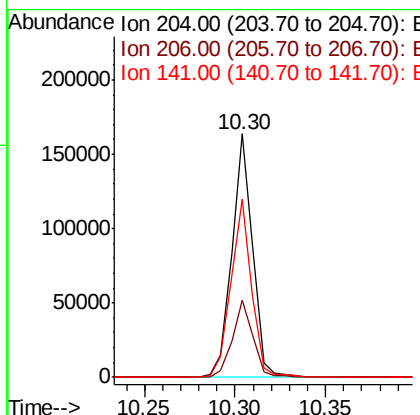
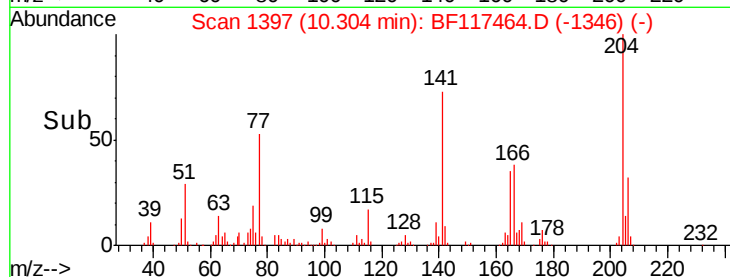
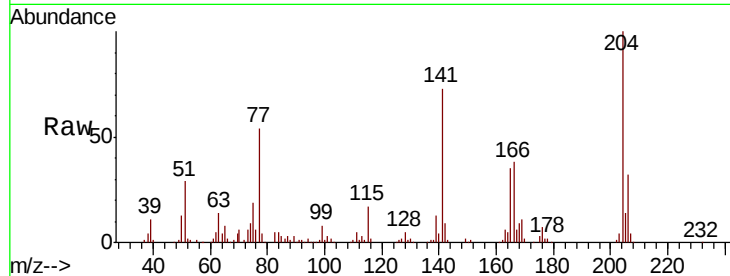
#61
 4-Chlorophenyl-phenylether
 Concen: 29.826 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF117464.D
 Acq: 21 Oct 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :
 SPMS

Tot Ion:	204	Resp:	131042
Ion Ratio	Lower	Upper	
204	100		
206	31.7	26.3	39.5
141	73.5	62.2	93.4

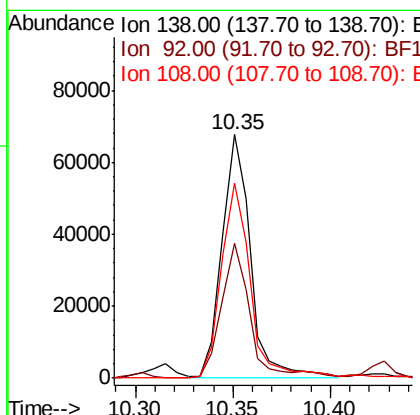
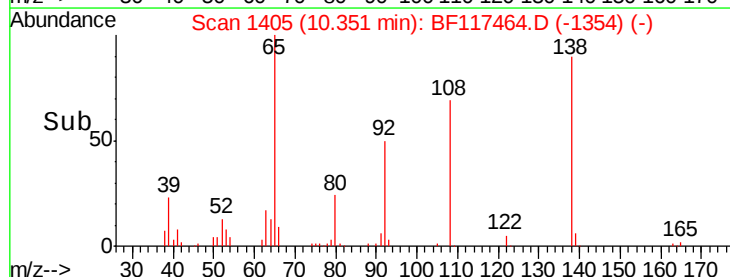
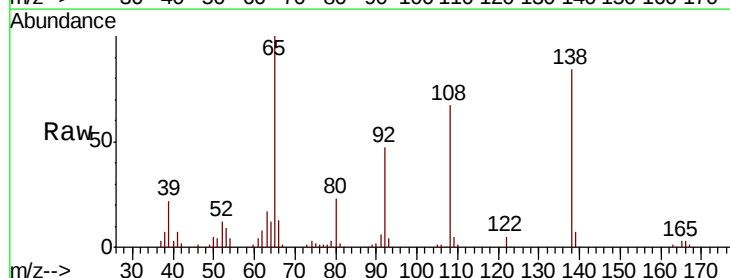
Manual Integrations
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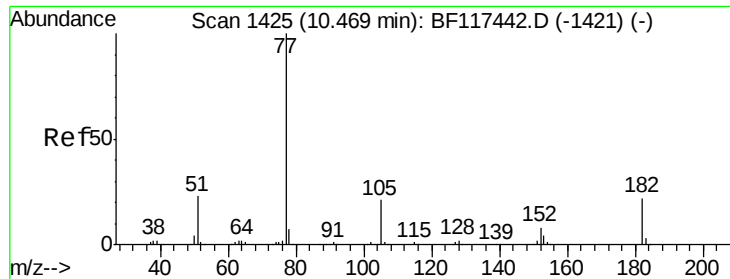
mohammad
 10/22/2019 3:29:25 PM



#62
 4-Nitroaniline
 Concen: 27.893 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF117464.D
 Acq: 21 Oct 2019 22:55

Tgt Ion:	138	Resp:	68954
Ion Ratio	Lower	Upper	
138	100		
92	55.6	30.3	70.3
108	79.8	54.9	94.9





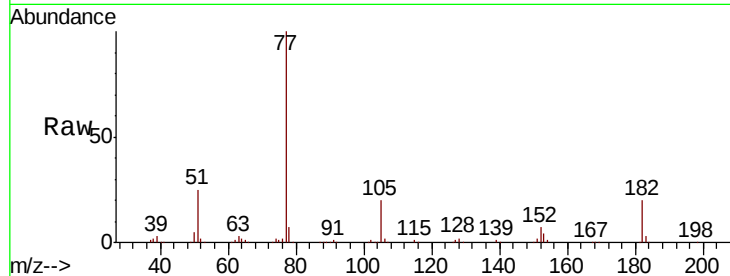
#63
Azobenzene
Concen: 30.975 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	19.7	2.3	42.3	
105	20.4	1.3	41.3	
51	25.3	3.5	43.5	

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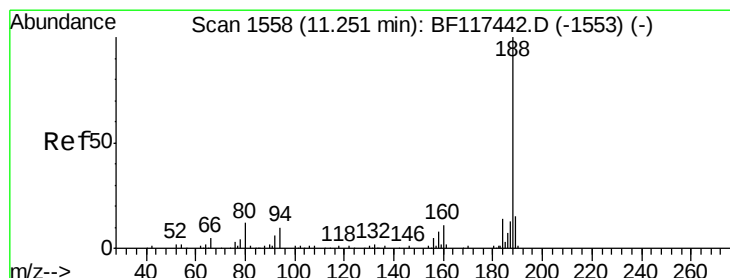
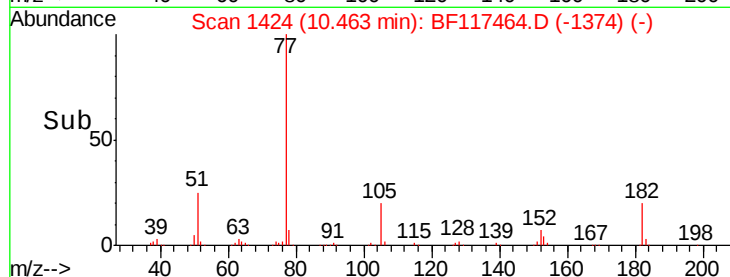
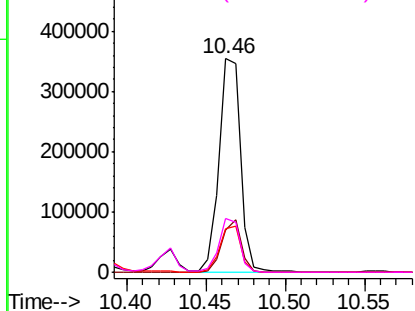
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

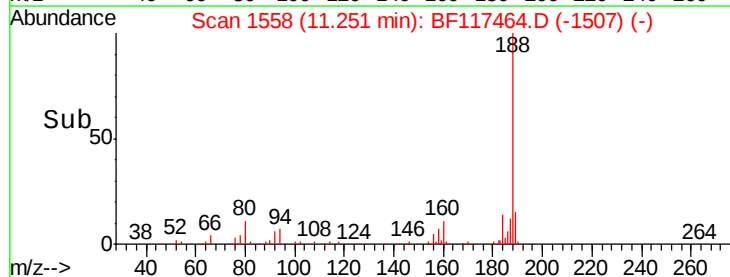
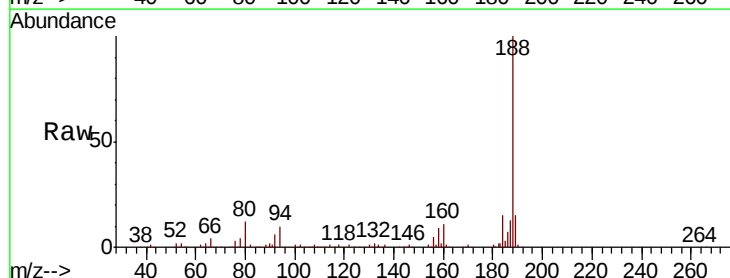
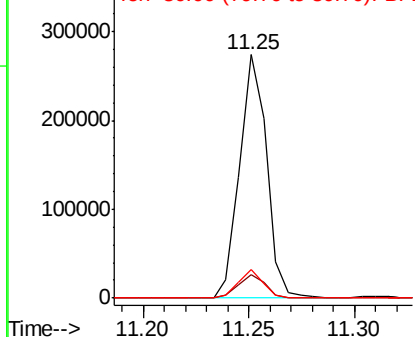
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	8.0	12.0	
80	11.8	9.5	14.3	

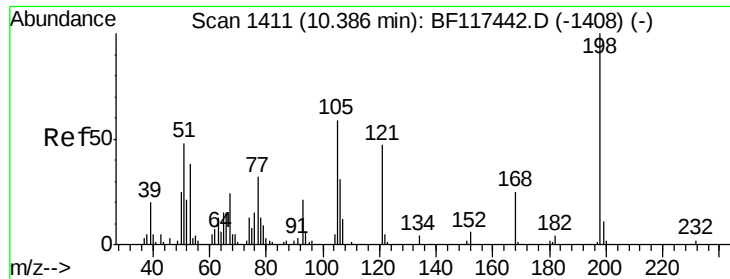
Abundance

Ion 188.00 (187.70 to 188.70): BF1

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: 29.375 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

ClientSampleId :

SPMS

Tot Ion:198 Resp: 36284

Ion Ratio Lower Upper

198 100

51 58.4 29.1 69.1

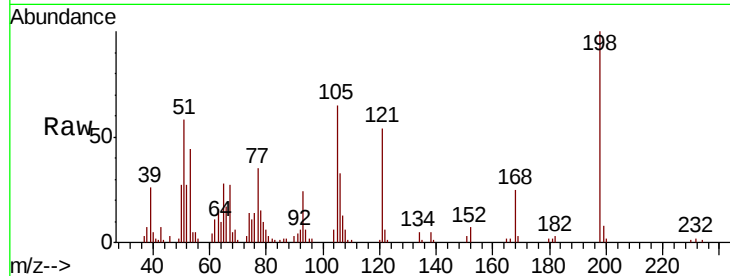
105 65.4 39.4 79.4

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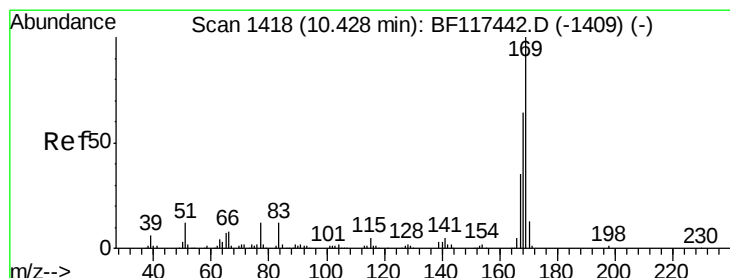
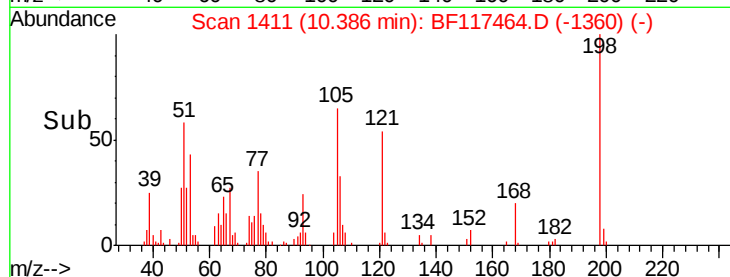
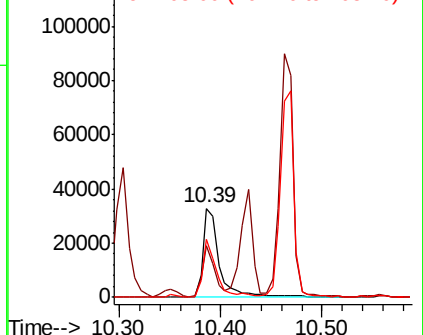
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 29.012 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Tgt Ion:169 Resp: 257681

Ion Ratio Lower Upper

169 100

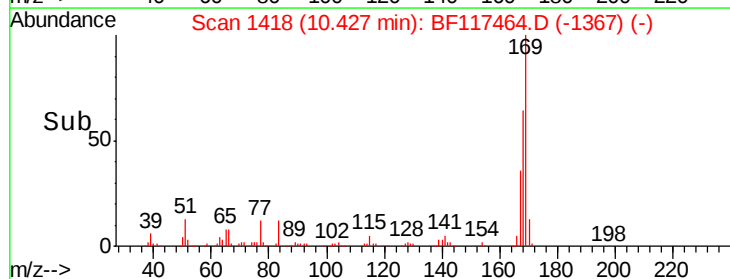
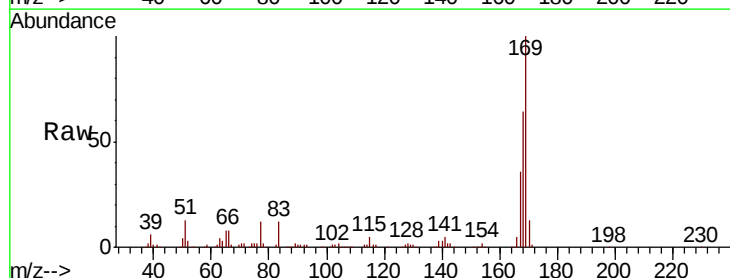
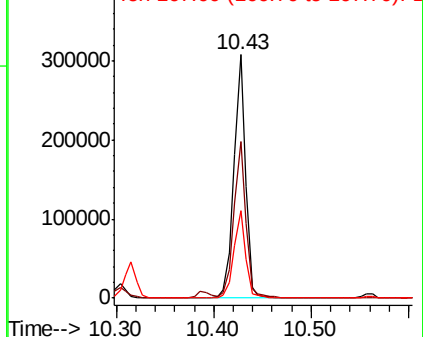
168 64.2 51.3 76.9

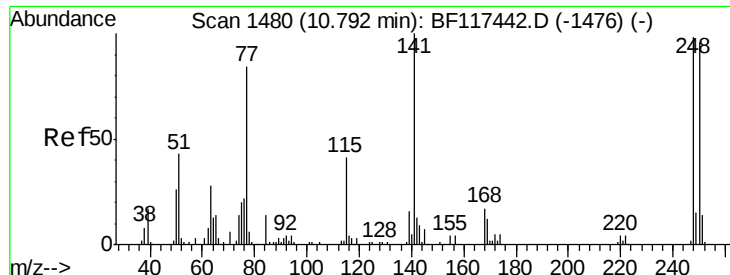
167 35.9 28.2 42.4

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





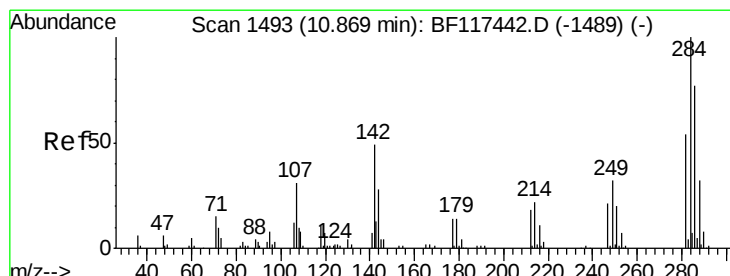
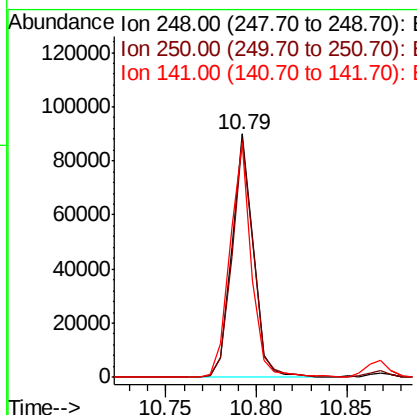
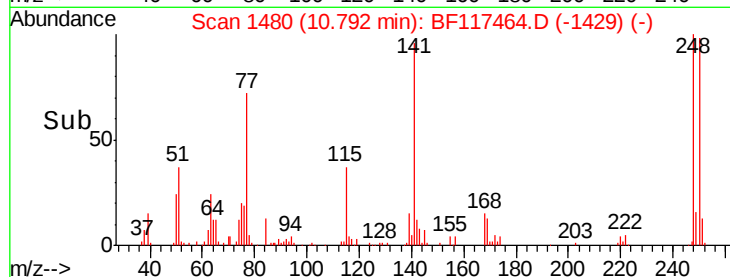
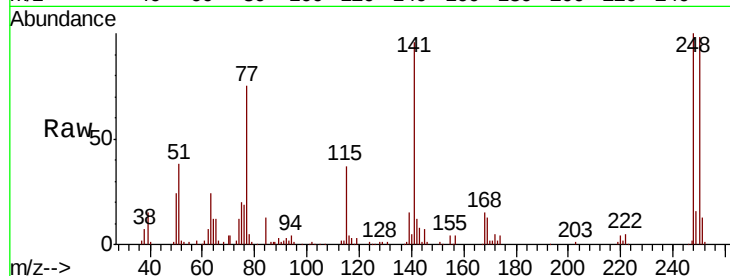
#67
 4-Bromophenyl-phenylether
 Concen: 28.499 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF117464.D
 Acq: 21 Oct 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :
 SPMS

Tot Ion:	248	Resp:	74578
Ion Ratio	Lower	Upper	
248	100		
250	98.0	78.0	117.0
141	96.3	81.7	122.5

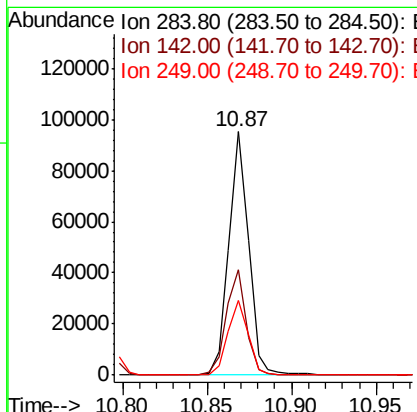
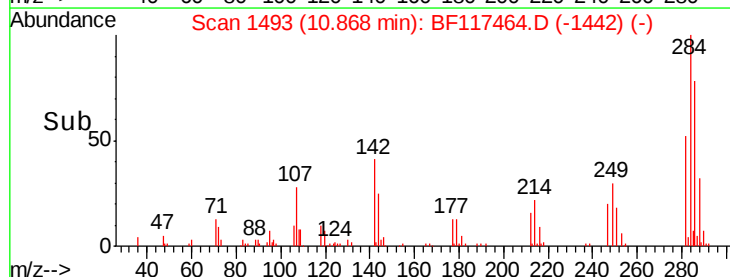
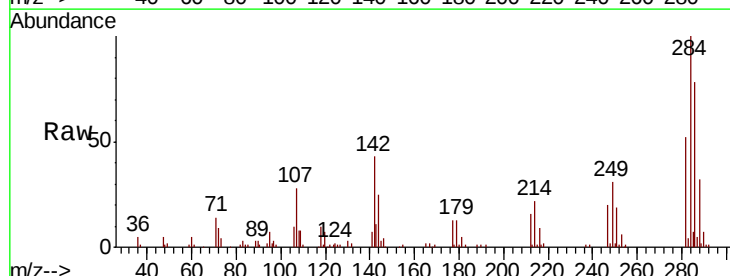
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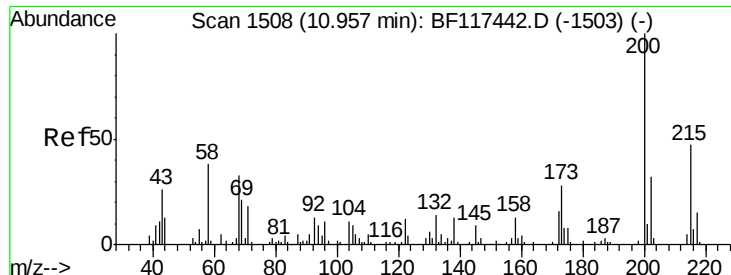
mohammad
 10/22/2019 3:29:25 PM



#68
 Hexachlorobenzene
 Concen: 27.636 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF117464.D
 Acq: 21 Oct 2019 22:55

Tgt Ion:	284	Resp:	77450
Ion Ratio	Lower	Upper	
284	100		
142	43.1	39.0	58.6
249	30.9	25.7	38.5





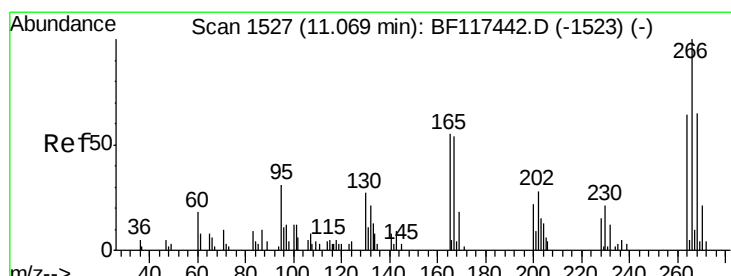
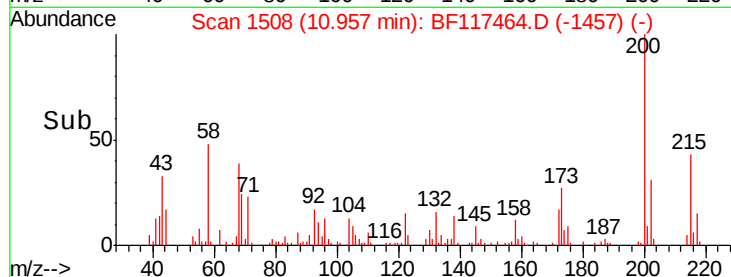
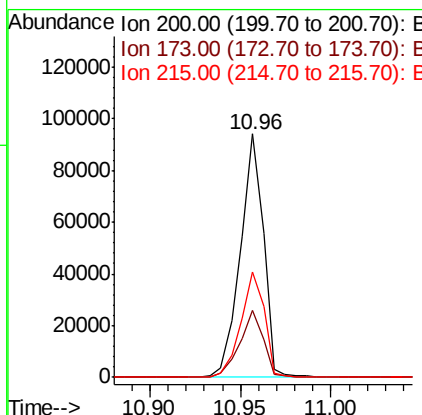
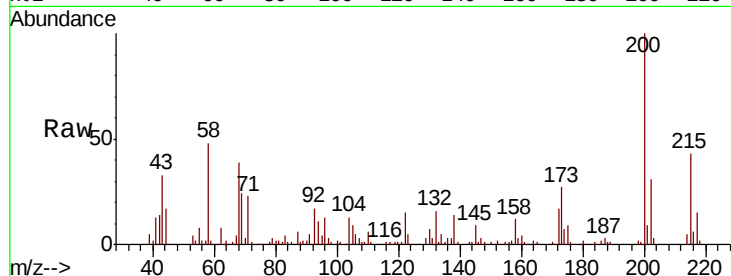
#69
Atrazine
Concen: 36.813 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.2	48.2
215	43.1	26.8	66.8

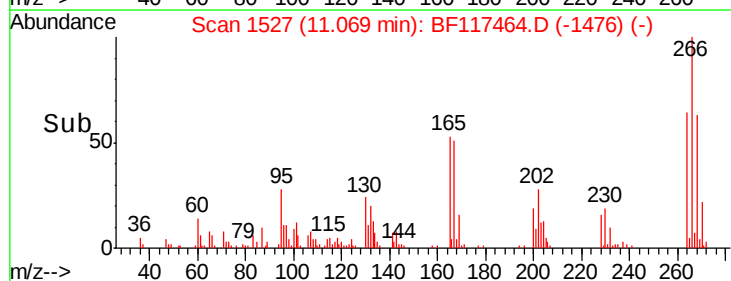
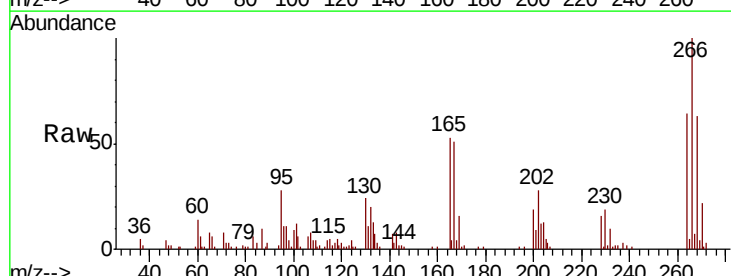
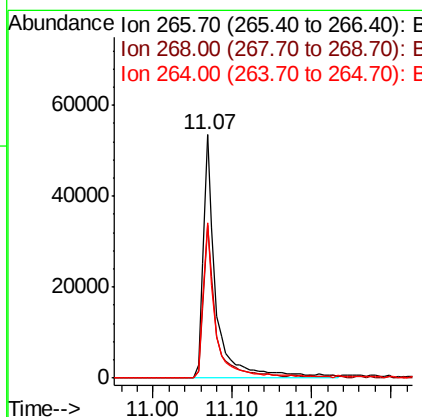
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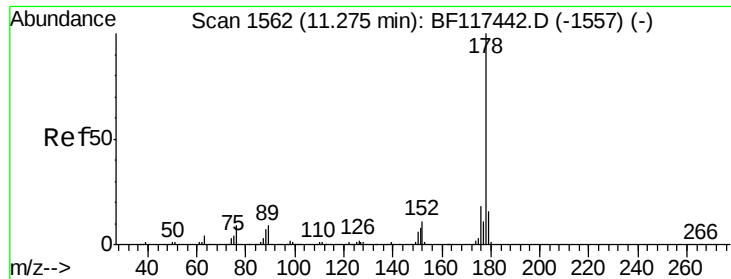
mohammad
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#70
Pentachlorophenol
Concen: 74.015 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.6	77.4
264	63.6	51.4	77.2





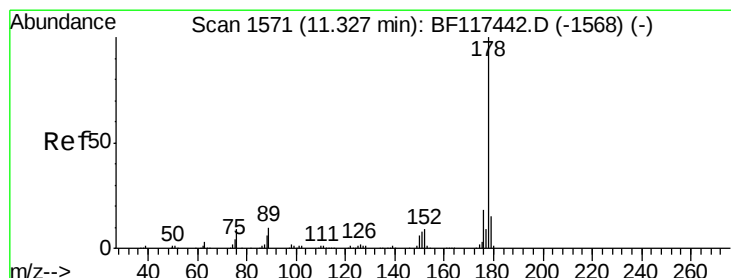
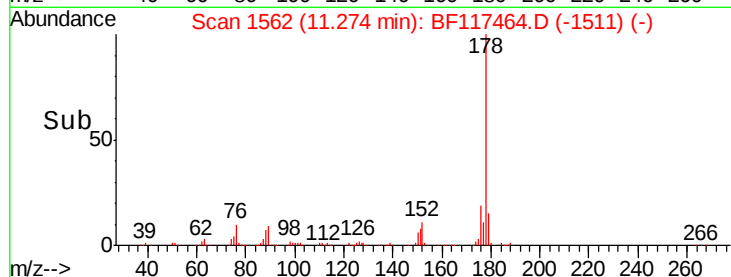
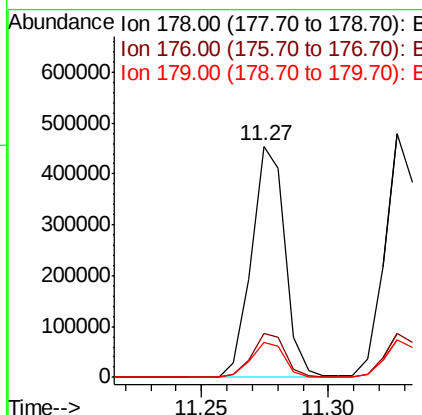
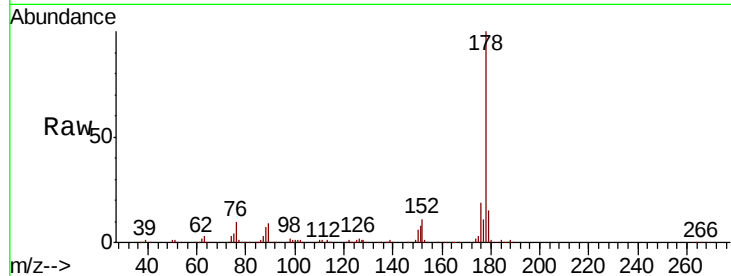
#71
Phenanthrene
Concen: 29.684 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	14.9	12.6	19.0

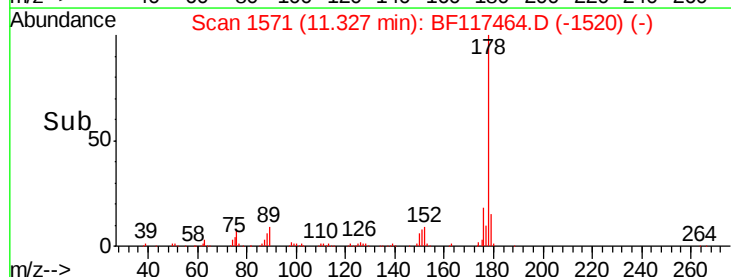
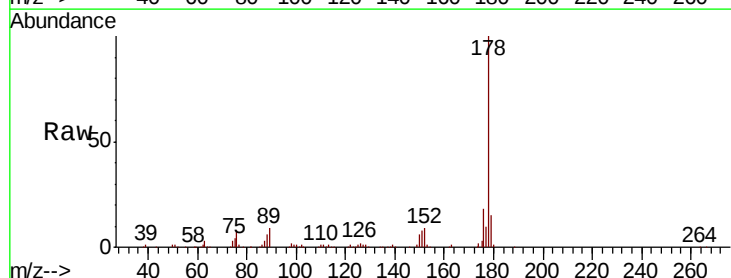
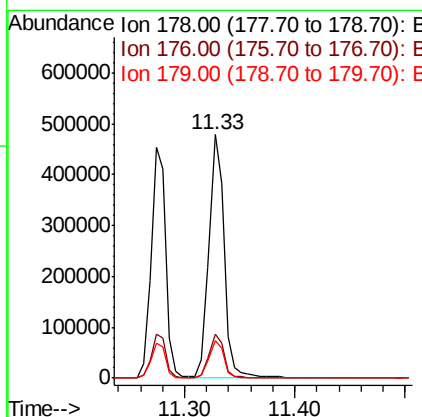
Manual Integrations
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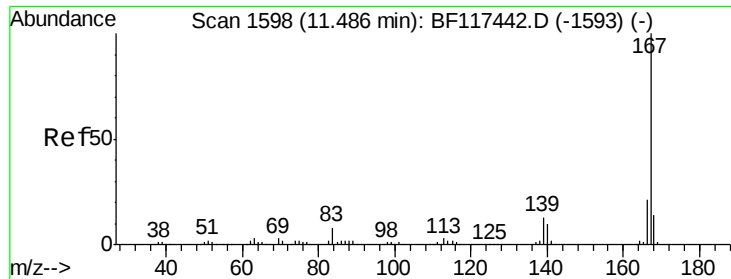
mohammad
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#72
Anthracene
Concen: 30.750 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.4	12.2	18.2





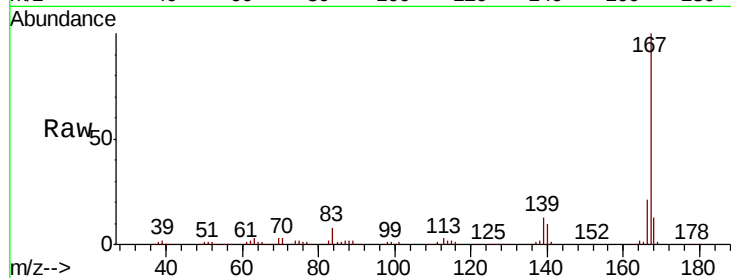
#73
 Carbazole
 Concen: 30.943 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117464.D
 Acq: 21 Oct 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :
 SPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.6
139	13.2	10.6	16.0

Manual Integrations
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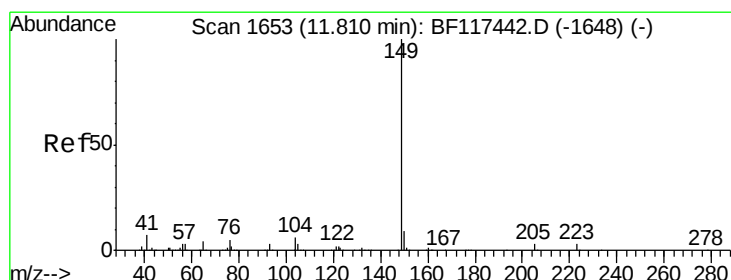
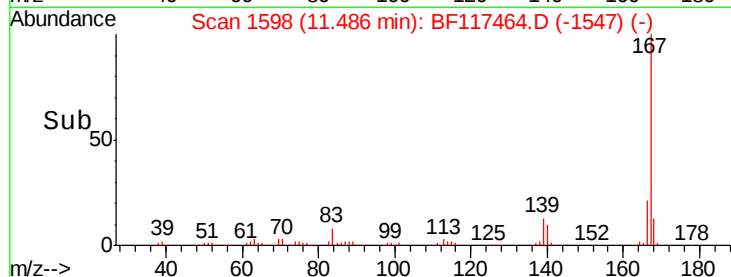
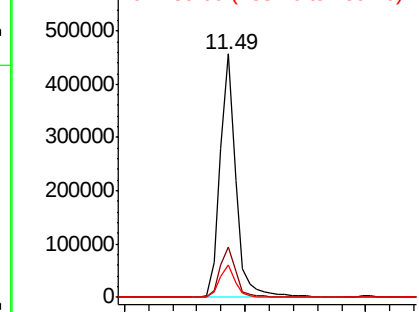


Abundance

Ion 167.00 (166.70 to 167.70): E

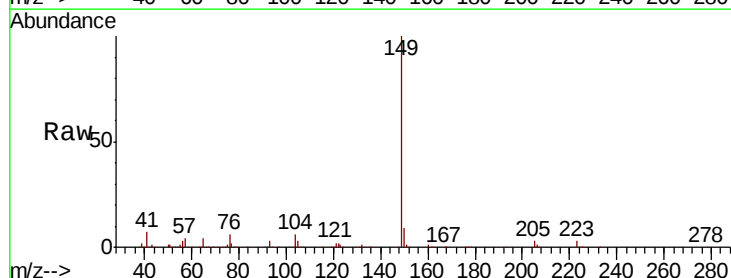
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 30.169 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117464.D
 Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.5	4.6	6.8

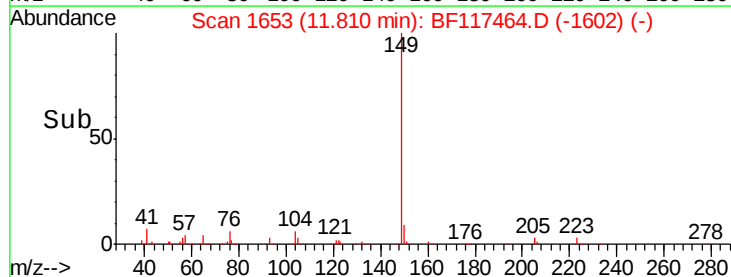
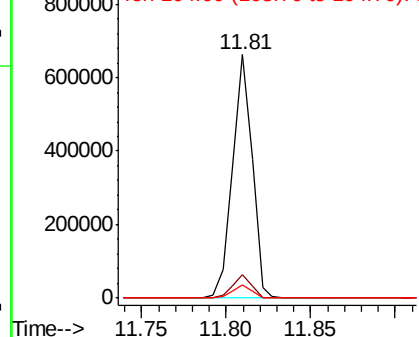


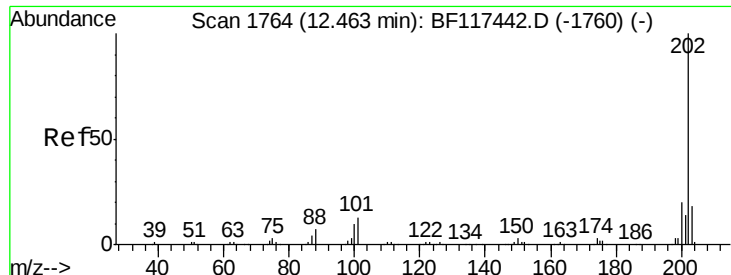
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 30.685 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

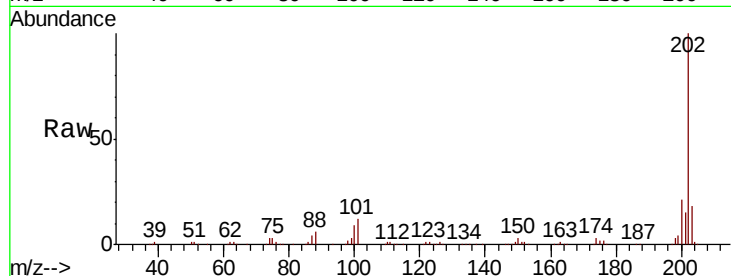
ClientSampleId :

SPMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	433342		
101	12.3		0.0	32.7
203	17.8		0.0	37.6

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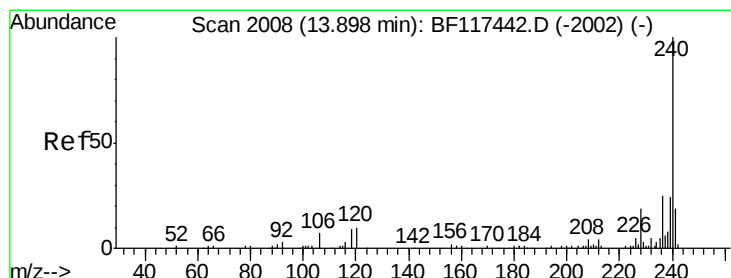
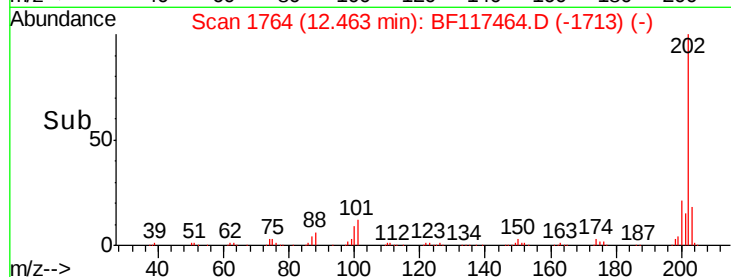
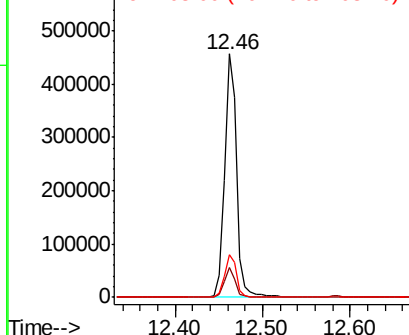


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

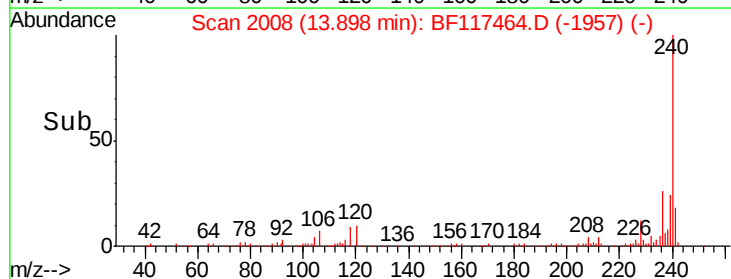
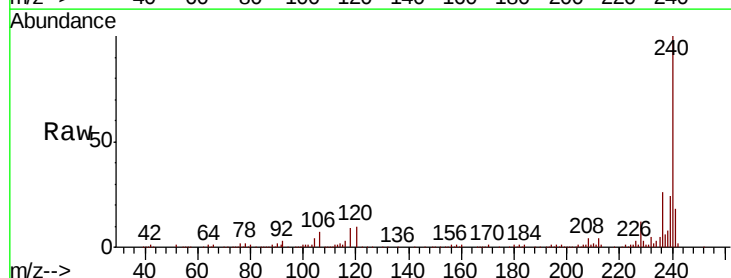
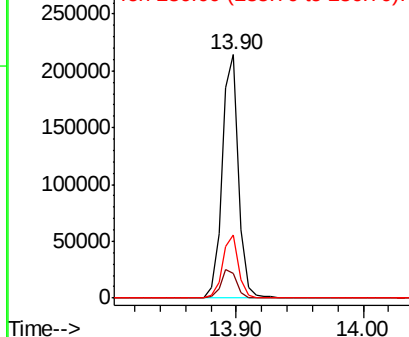
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	192331		
120	10.1		8.4	12.6
236	25.7		20.0	30.0

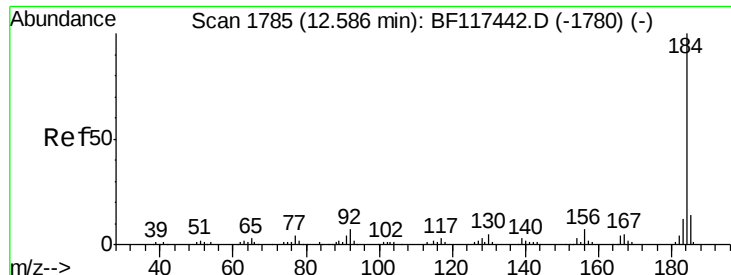
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.251 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

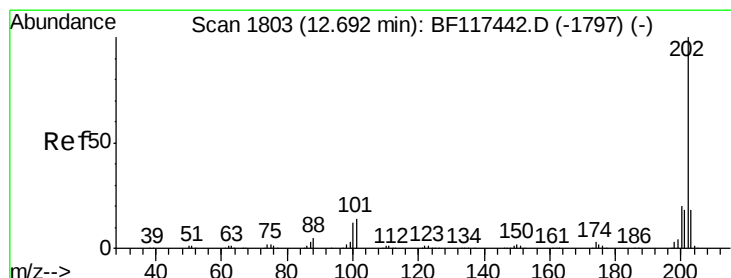
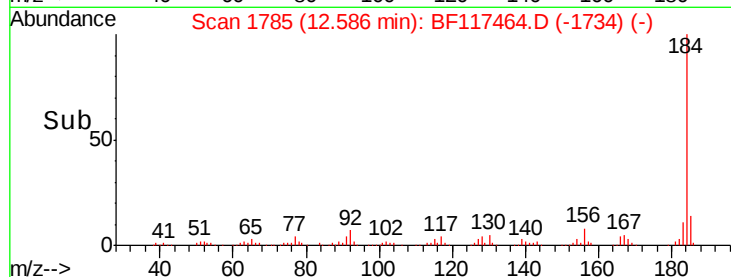
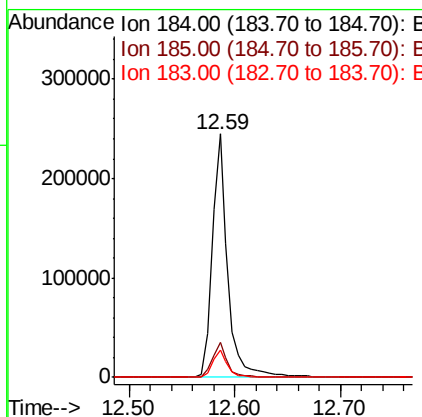
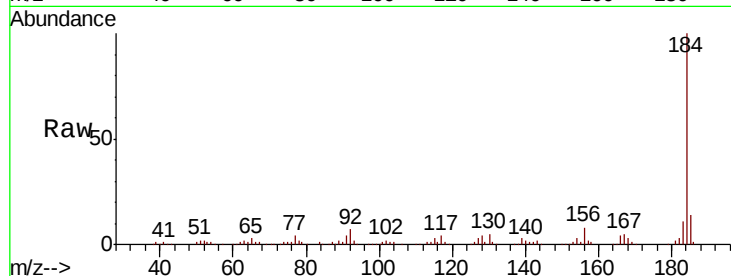
ClientSampleId :

SPMS

Tot Ion:	184	Resp:	251831
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.4	17.0
183	11.3	9.6	14.4

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#78

Pyrene

Concen: 27.144 ng

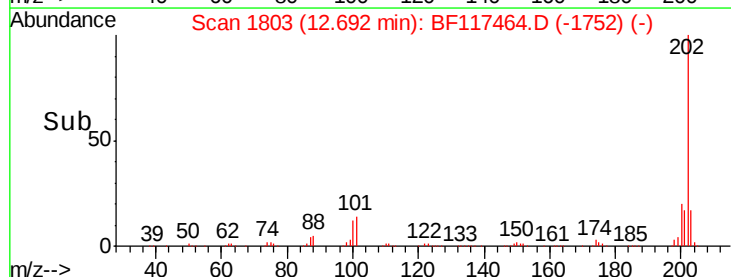
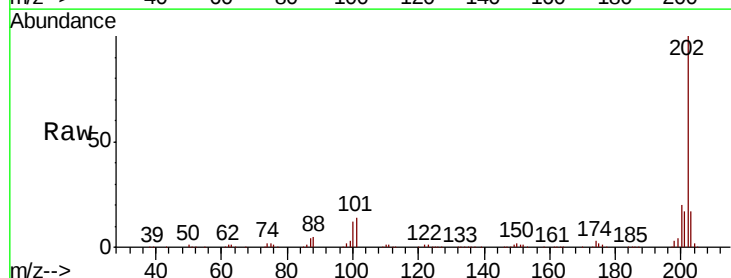
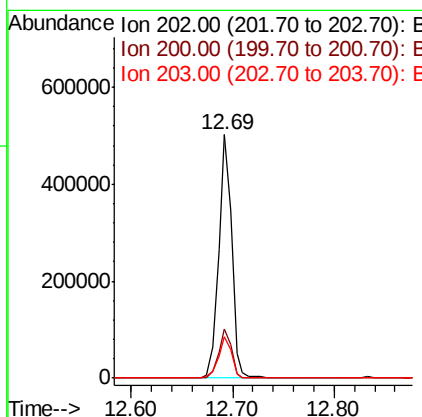
RT: 12.69 min Scan# 1803

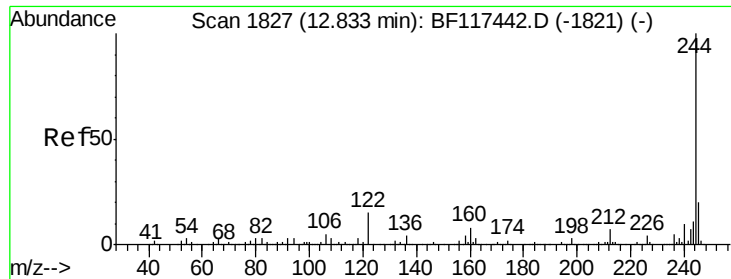
Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Tgt Ion:	202	Resp:	448422
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.2	24.2
203	17.2	14.0	21.0





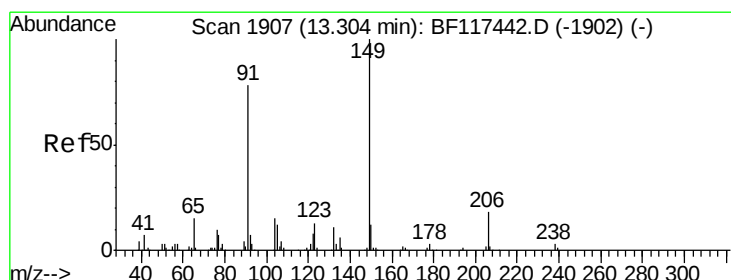
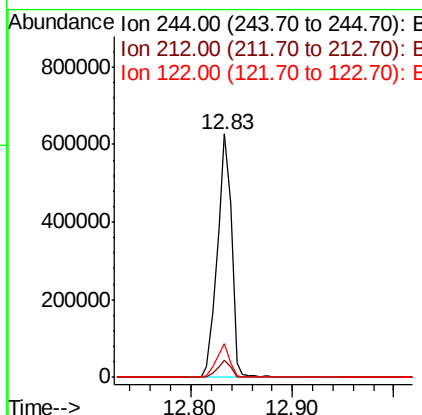
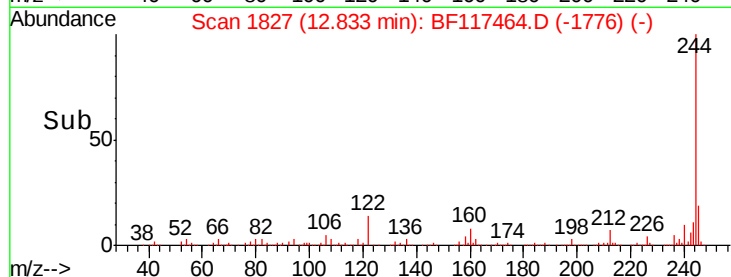
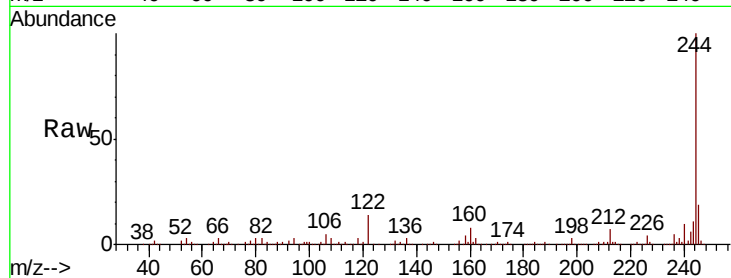
#79
 Terphenyl-d14
 Concen: 51.740 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117464.D
 Acq: 21 Oct 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :
 SPMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	13.7	11.8	17.8

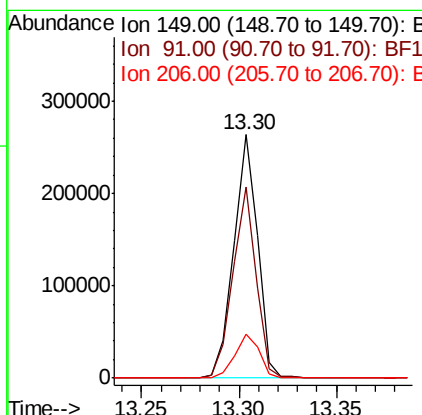
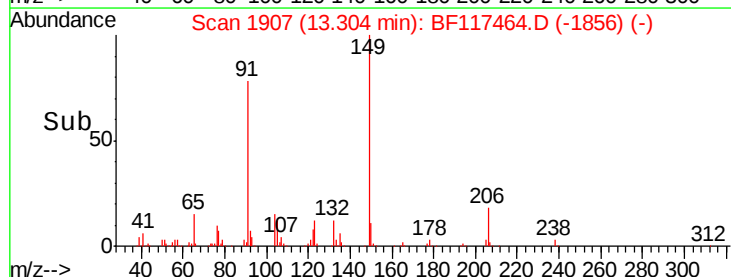
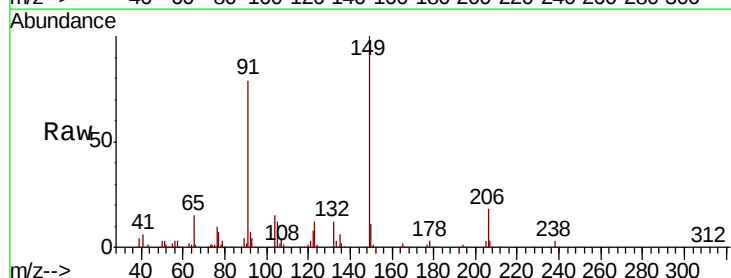
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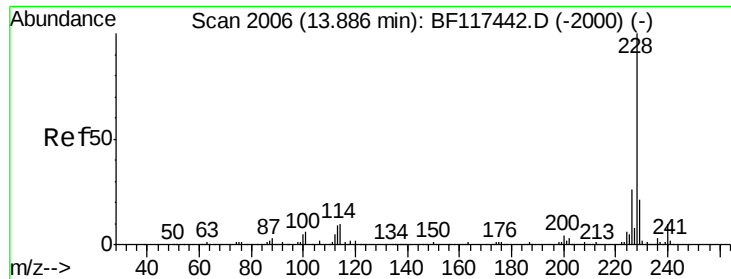
mohammad
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#80
 Butylbenzylphthalate
 Concen: 27.286 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117464.D
 Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.6	62.1	93.1
206	18.1	14.3	21.5





#81

Benzo(a)anthracene

Concen: 29.293 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Instrument :

BNA_F

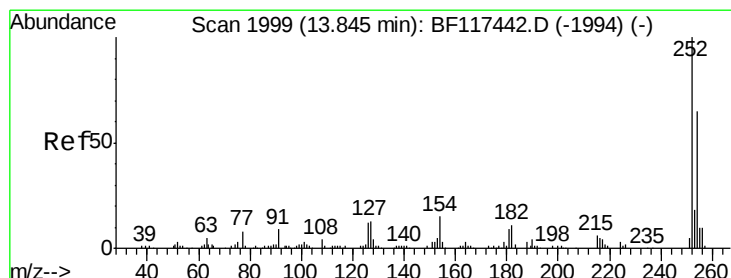
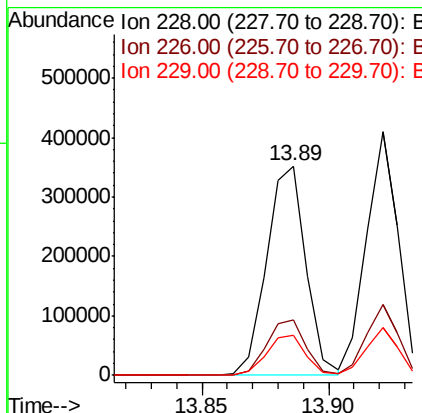
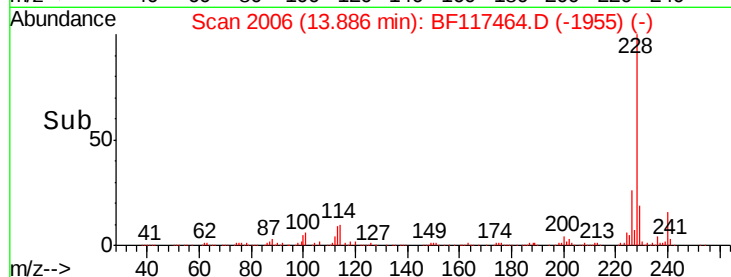
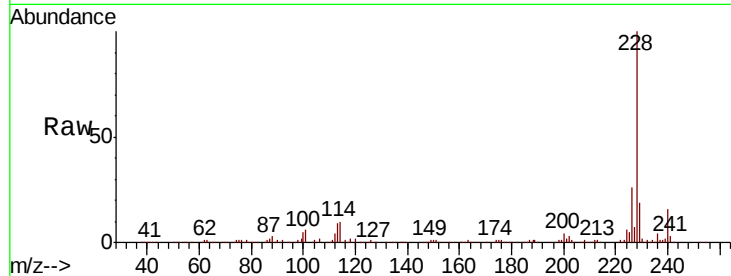
ClientSampled :

SPMS

Tot Ion:	228	Resp:	380030
Ion Ratio	Lower	Upper	
228	100		
226	26.4	21.0	31.4
229	19.3	16.4	24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 14.608 ng

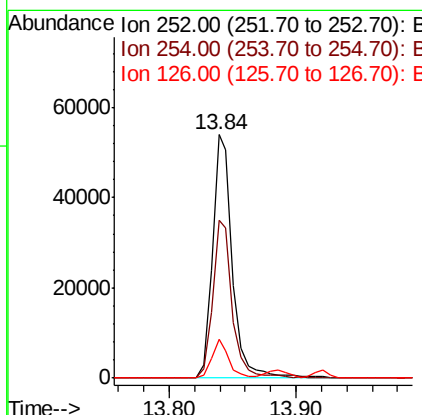
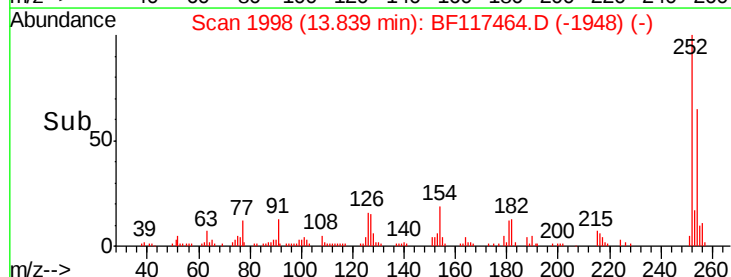
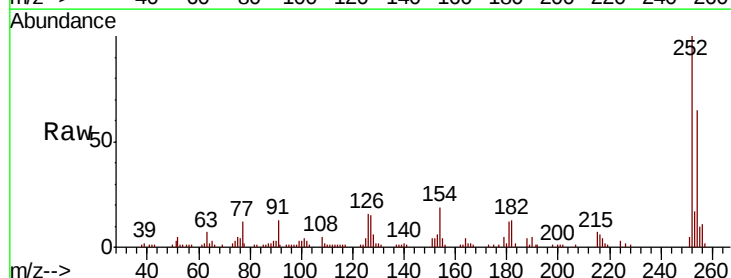
RT: 13.84 min Scan# 1998

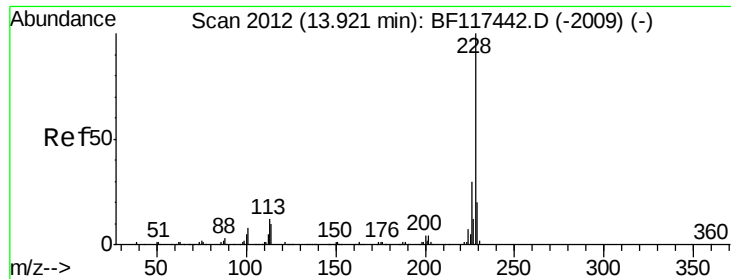
Delta R.T. -0.01 min

Lab File: BF117464.D

Acq: 21 Oct 2019 22:55

Tgt Ion:	252	Resp:	59471
Ion Ratio	Lower	Upper	
252	100		
254	64.9	52.2	78.4
126	15.8	9.2	13.8#





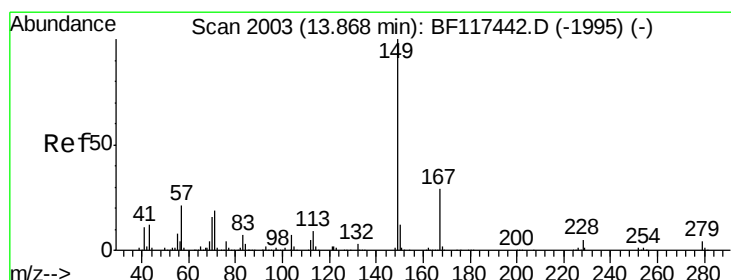
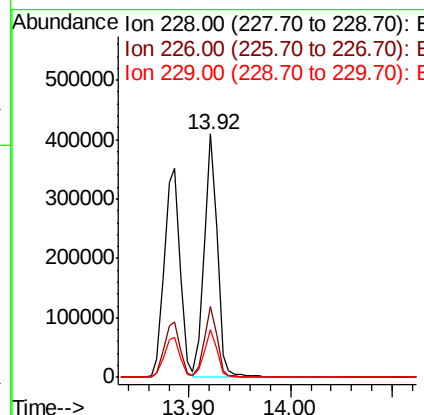
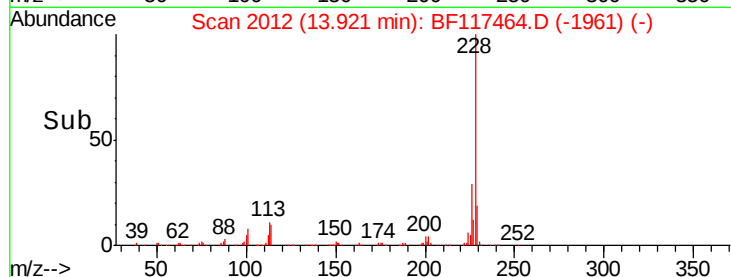
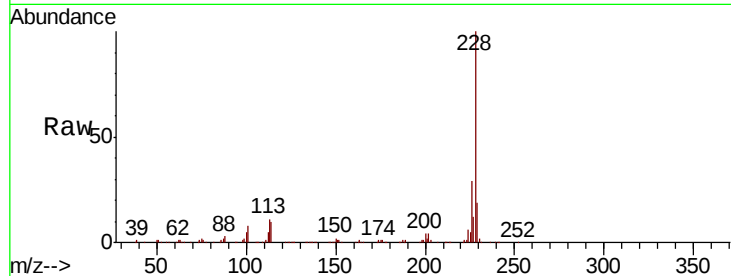
#83
Chrysene
Concen: 29.152 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	19.4	15.8	23.6

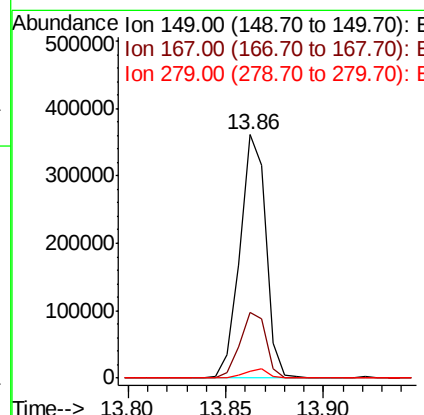
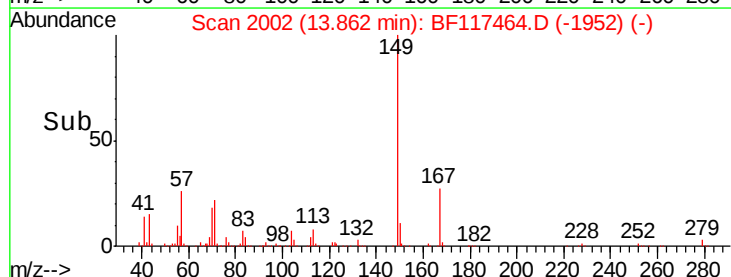
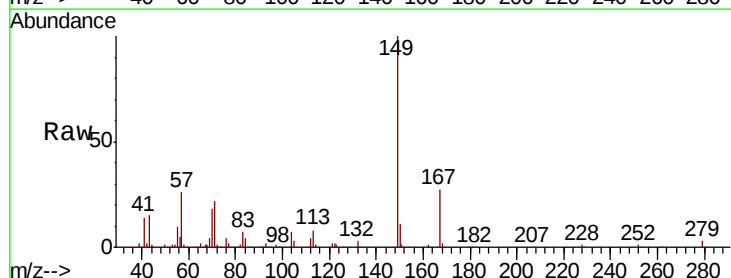
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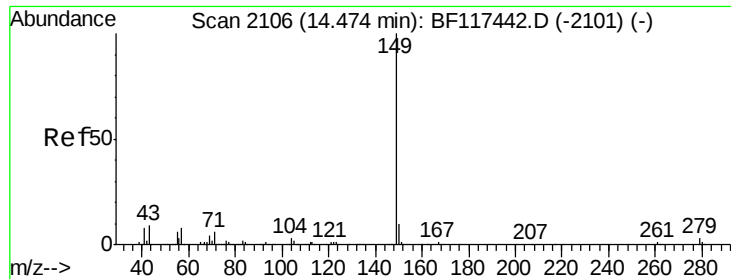
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#84
Bis(2-ethylhexyl)phthalate
Concen: 29.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.3	34.9
279	2.9	3.2	4.8#





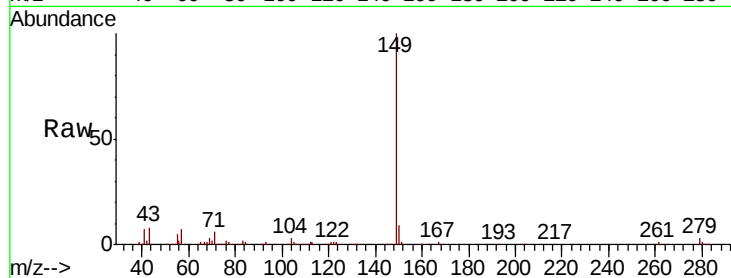
#85
Di-n-octyl phthalate
Concen: 32.452 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

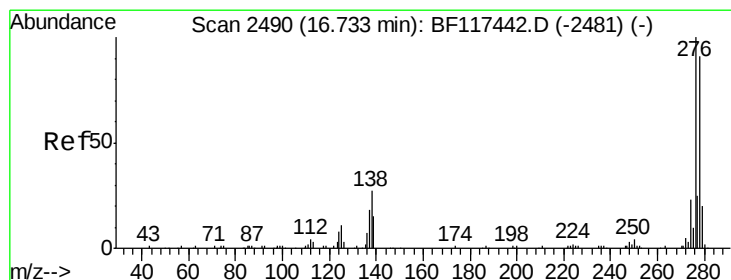
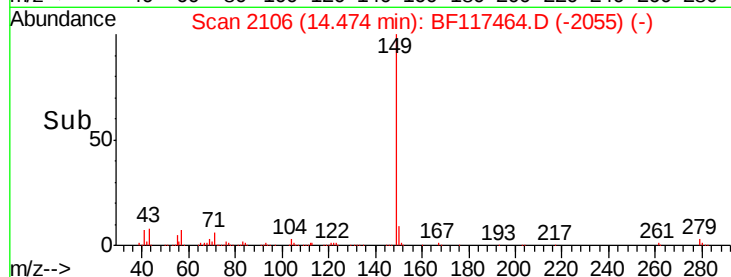
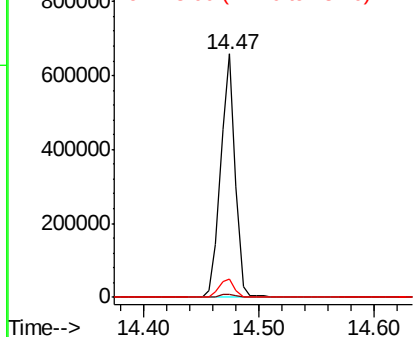
Tot Ion	Ratio	Resp	Lower	Upper
149	100	574577		
167	1.5		1.2	1.8
43	8.0		6.8	10.2

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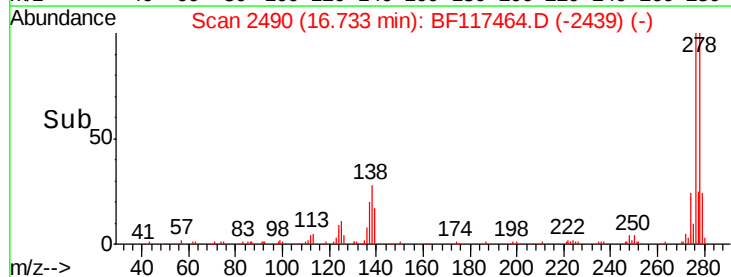
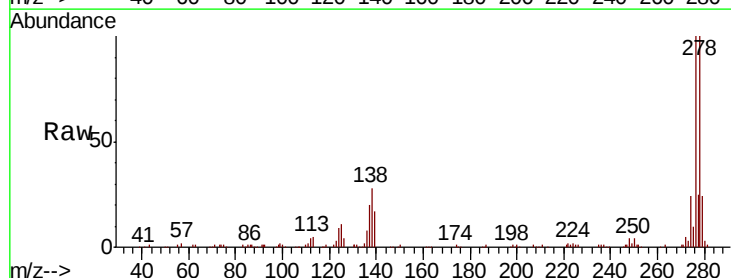
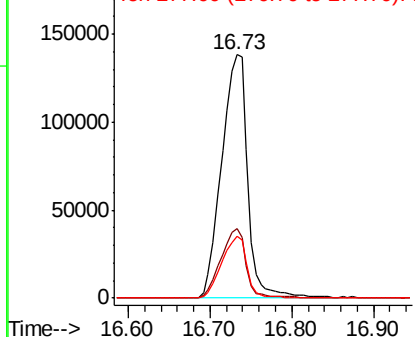
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

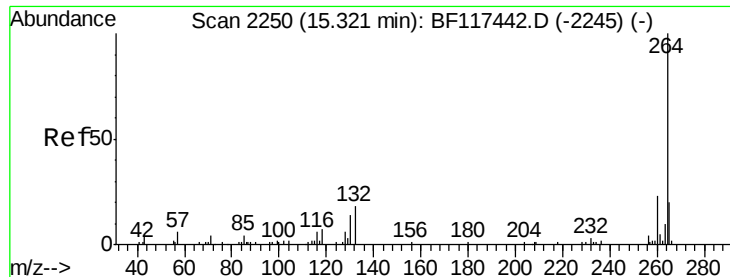


#86
Indeno(1,2,3-cd)pyrene
Concen: 32.446 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	308007		
138	27.4		21.8	32.8
277	24.7		20.0	30.0

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





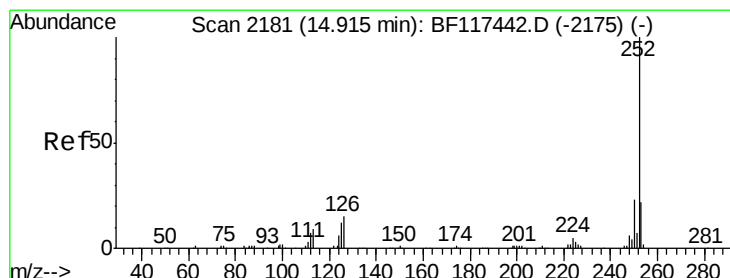
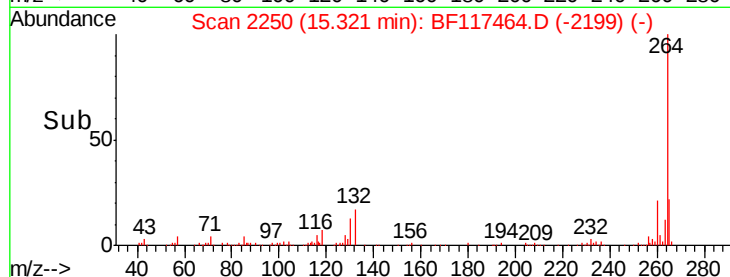
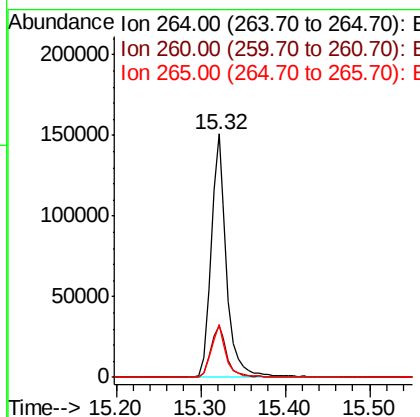
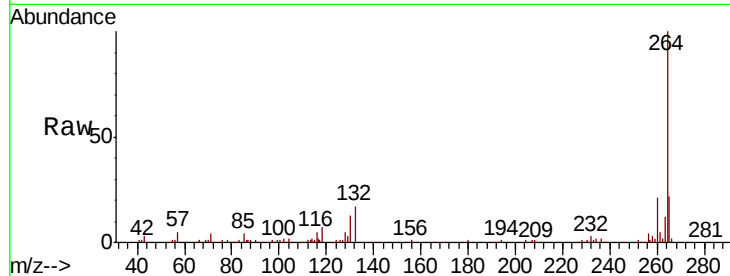
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.4	27.6
265	21.6	16.1	24.1

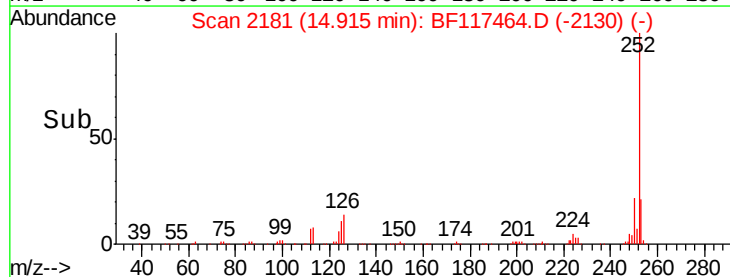
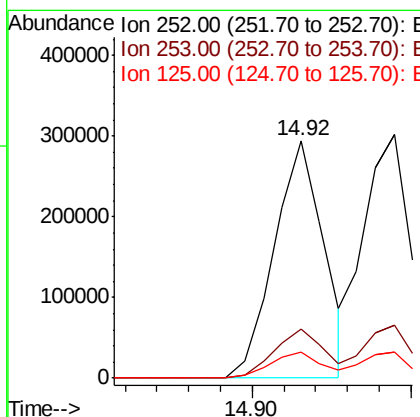
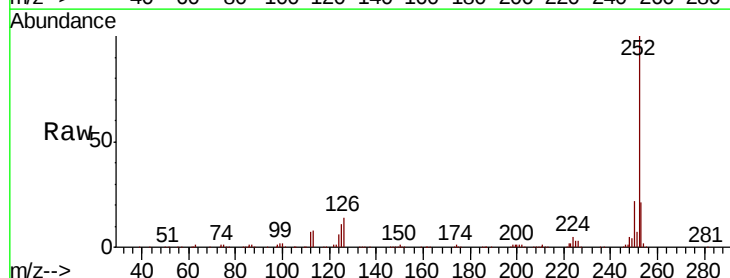
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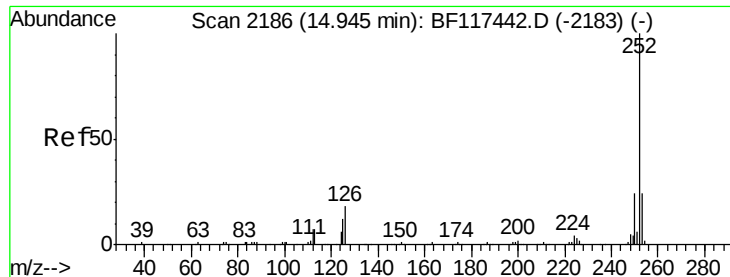
mohammad
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#88
Benzo(b)fluoranthene
Concen: 27.982 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.8	26.6
125	10.8	9.9	14.9





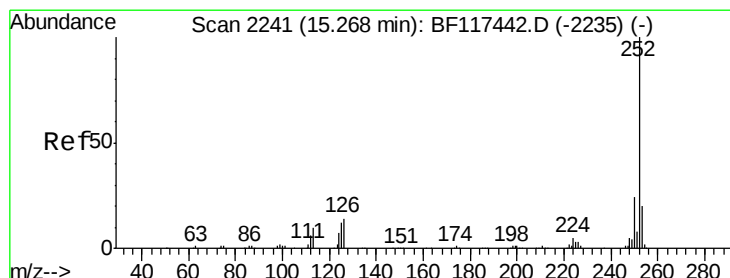
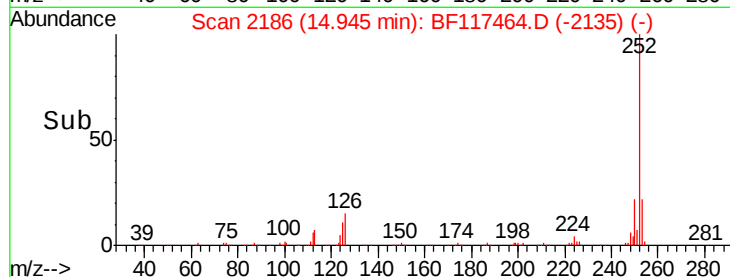
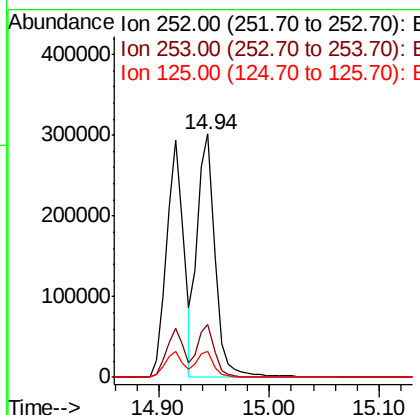
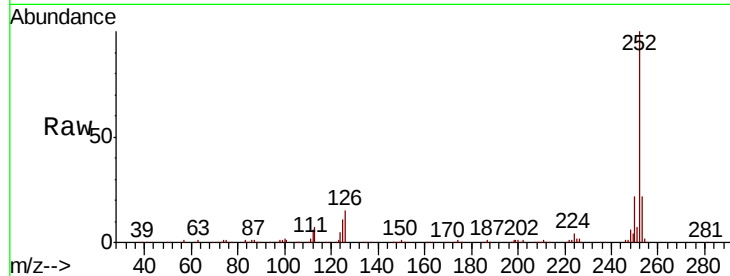
#89
Benzo(k)fluoranthene
Concen: 28.157 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	10.8	8.9	13.3

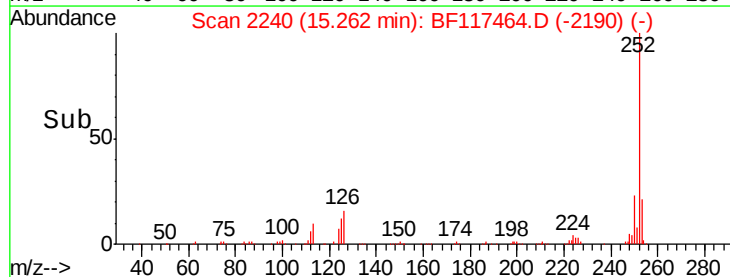
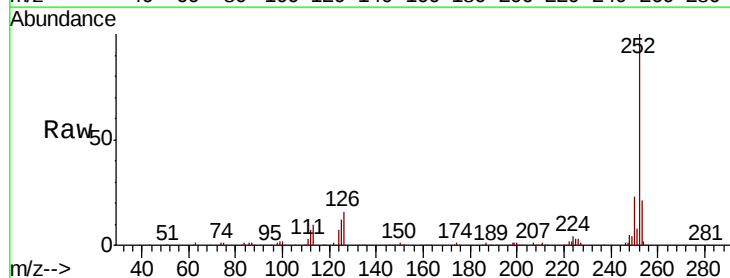
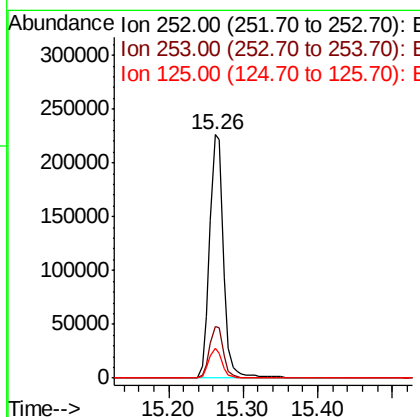
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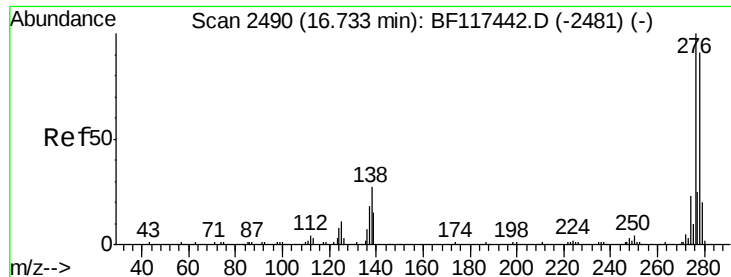
mohammad
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#90
Benzo(a)pyrene
Concen: 28.060 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.3	24.5
125	12.3	9.2	13.8





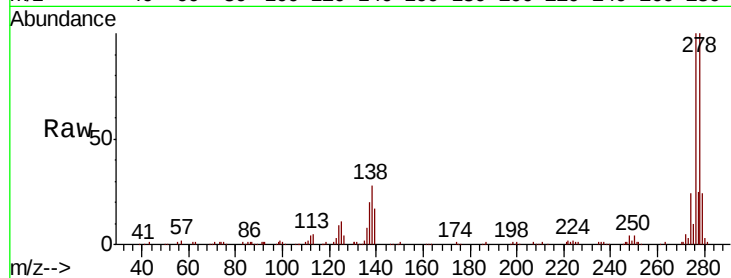
#91
Dibenzo(a,h)anthracene
Concen: 28.933 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.4	20.0
279	23.8	17.8	26.6

Manual Integrations
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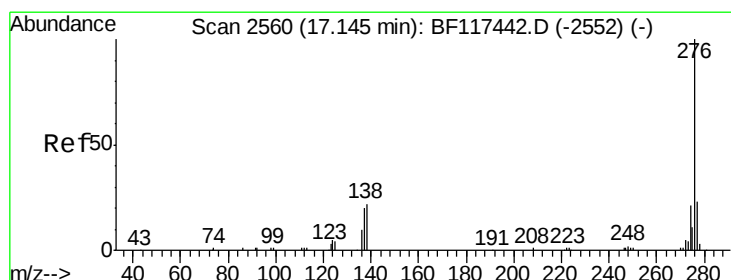
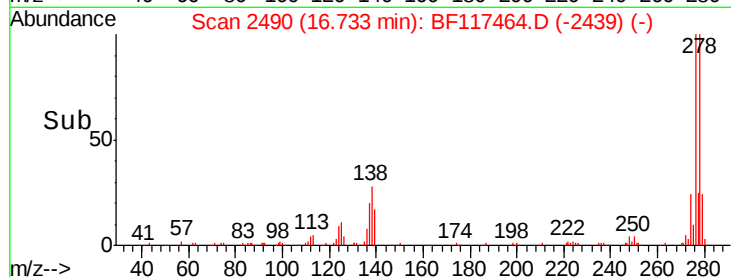
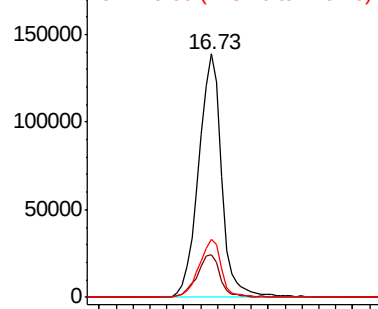


Abundance

Ion 278.00 (277.70 to 278.70): E

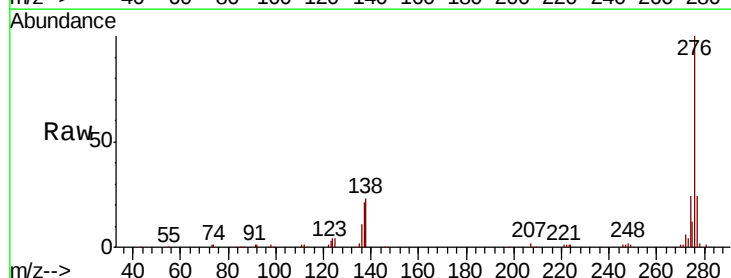
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 29.085 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF117464.D
Acq: 21 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	22.6	17.8	26.6



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

