

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116928.D
 Acq On : 10 Sep 2019 18:27
 Operator : HP/JU
 Sample : K4656-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MSD

Manual Integrations
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mohammad
 9/16/2019 8:57:01 AM

Quant Time: Sep 11 01:13:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87576	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	341229	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	173565	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	280627	20.00	ng	0.00
76) Chrysene-d12	13.99	240	185705	20.00	ng	0.00
87) Perylene-d12	15.43	264	164589	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	639110	118.23	ng	0.02
7) Phenol-d6	6.48	99	798428	112.48	ng	0.00
23) Nitrobenzene-d5	7.40	82	594777	99.51	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	207715	179.02	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1013649	98.52	ng	0.00
79) Terphenyl-d14	12.93	244	1010287	100.64	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.73	88	88522	35.474	ng	# 82
3) Pyridine	3.46	79	150582	20.841	ng	92
4) n-Nitrosodimethylamine	3.38	42	95315	38.417	ng	91
6) Aniline	6.50	93	91956	9.353	ng	# 92
8) 2-Chlorophenol	6.63	128	270989	45.922	ng	98
9) Benzaldehyde	6.38	77	40991	8.765	ng	97
10) Phenol	6.49	94	303688	38.636	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	261834	42.781	ng	97
12) 1,3-Dichlorobenzene	6.78	146	264181	39.610	ng	97
13) 1,4-Dichlorobenzene	6.85	146	269200	40.542	ng	99
14) 1,2-Dichlorobenzene	7.01	146	256695	41.716	ng	97
15) Benzyl Alcohol	6.98	79	254164	44.111	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	248378	34.590	ng	82
17) 2-Methylphenol	7.09	107	222137	43.001	ng	98
18) Hexachloroethane	7.35	117	103316	40.049	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	202915	43.416	ng	93
20) 3+4-Methylphenols	7.25	107	276837	46.090	ng	# 72
22) Acetophenone	7.25	105	406368	49.466	ng	95
24) Nitrobenzene	7.42	77	319333	52.529	ng	98
25) Isophorone	7.66	82	559420	46.187	ng	98
26) 2-Nitrophenol	7.73	139	144827	64.079	ng	97
27) 2,4-Dimethylphenol	7.77	122	240507	52.690	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	333124	45.007	ng	99
29) 2,4-Dichlorophenol	7.97	162	229746	52.374	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	219934	46.225	ng	95
31) Naphthalene	8.14	128	792154	48.821	ng	99
32) Benzoic acid	7.89	122	97112	37.679	ng	100
33) 4-Chloroaniline	8.19	127	56000	7.582	ng	97
34) Hexachlorobutadiene	8.26	225	121031	46.654	ng	98
35) Caprolactam	8.56	113	54003m	32.895	ng	
36) 4-Chloro-3-methylphenol	8.67	107	270187	53.590	ng	98
37) 2-Methylnaphthalene	8.83	142	536503	49.695	ng	98
38) 1-Methylnaphthalene	8.93	142	494446	48.517	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	208794	50.183	ng	98

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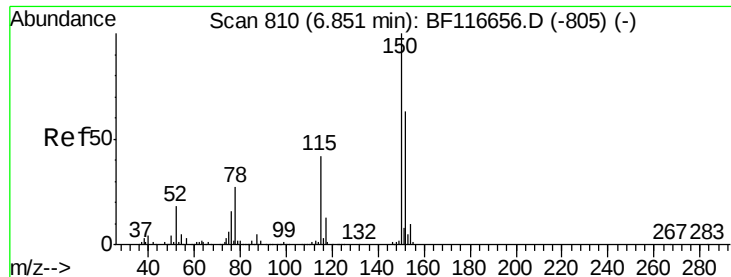
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	214924	89.453	nq	100
43) 2,4,6-Trichlorophenol	9.11	196	151908	53.261	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	167080	56.427	nq	98
46) 1,1'-Biphenyl	9.29	154	635103	48.222	nq	98
47) 2-Chloronaphthalene	9.32	162	502828	48.203	nq	97
48) 2-Nitroaniline	9.41	65	157475	52.218	nq	97
49) Acenaphthylene	9.73	152	789388	50.061	nq	99
50) Dimethylphthalate	9.59	163	644171	53.758	nq	99
51) 2,6-Dinitrotoluene	9.65	165	134223	58.709	nq	98
52) Acenaphthene	9.90	154	462660	47.753	nq	99
53) 3-Nitroaniline	9.82	138	75250	26.264	nq	93
54) 2,4-Dinitrophenol	9.93	184	85614	102.651	nq	96
55) Dibenzofuran	10.07	168	686627	50.272	nq	96
56) 4-Nitrophenol	9.99	139	204820	104.258	nq	94
57) 2,4-Dinitrotoluene	10.06	165	182839	65.404	nq	96
58) Fluorene	10.42	166	559782	53.789	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	128625	60.190	nq	95
60) Diethylphthalate	10.29	149	600664	50.042	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	240667	52.810	nq	98
62) 4-Nitroaniline	10.44	138	140693	50.600	nq	95
63) Azobenzene	10.57	77	615939	49.212	nq	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	66304	61.645	nq	84
66) n-Nitrosodiphenylamine	10.53	169	495476	51.039	nq	96
67) 4-Bromophenyl-phenylether	10.90	248	142066	49.834	nq	95
68) Hexachlorobenzene	10.97	284	145902	48.917	nq	93
69) Atrazine	11.05	200	121319	44.620	nq	98
70) Pentachlorophenol	11.16	266	169293	117.332	nq	99
71) Phenanthrene	11.38	178	800499	51.243	nq	99
72) Anthracene	11.43	178	823718	52.382	nq	100
73) Carbazole	11.58	167	772236	51.554	nq	100
74) Di-n-butylphthalate	11.91	149	946583	49.293	nq	99
75) Fluoranthene	12.56	202	809620	52.737	nq	98
77) Benzidine	12.69	184	6627	0.910	nq	# 1
78) Pyrene	12.79	202	806587	48.861	nq	99
80) Butylbenzylphthalate	13.40	149	392823	48.933	nq	99
81) Benzo(a)anthracene	13.98	228	593408	50.489	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	63528	15.994	nq	98
83) Chrysene	14.02	228	587724	48.537	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	549236	55.424	nq	100
85) Di-n-octyl phthalate	14.57	149	851924	52.533	nq	# 95
86) Indeno(1,2,3-cd)pyrene	16.89	276	509680	52.404	nq	97
88) Benzo(b)fluoranthene	15.02	252	517638	52.020	nq	99
89) Benzo(k)fluoranthene	15.04	252	441313	48.641	nq	99
90) Benzo(a)pyrene	15.38	252	448288	51.781	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	424174	55.976	nq	99
92) Benzo(g,h,i)perylene	17.33	276	429131	55.527	nq	98

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



#1

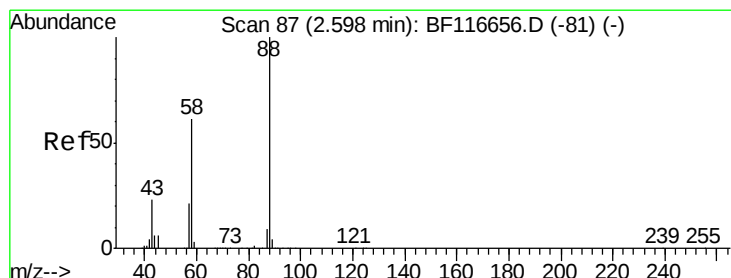
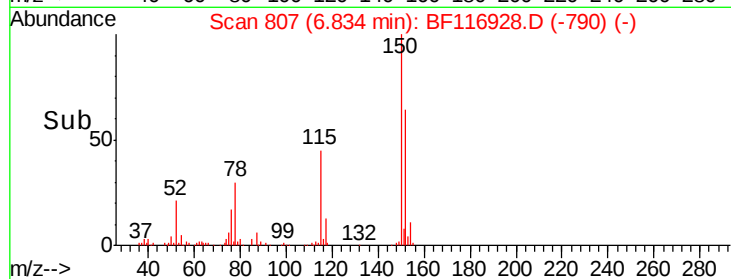
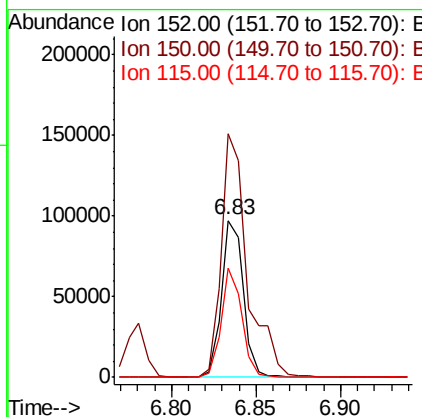
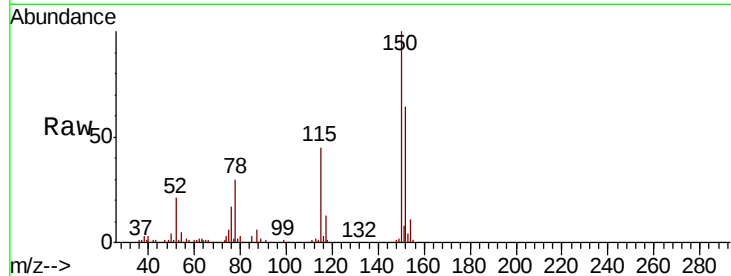
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.4	186.6
115	69.5	49.9	74.9

Manual Integrations
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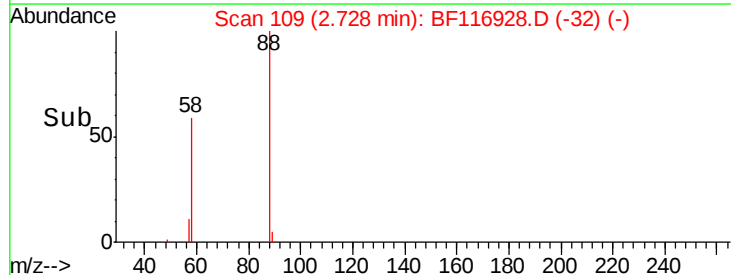
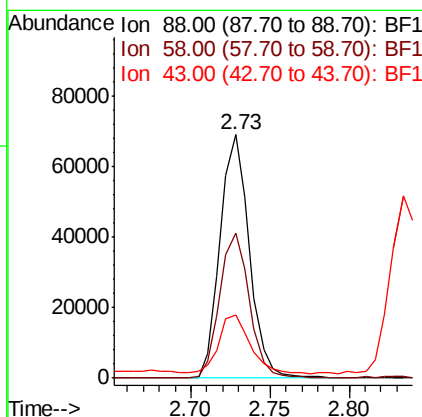
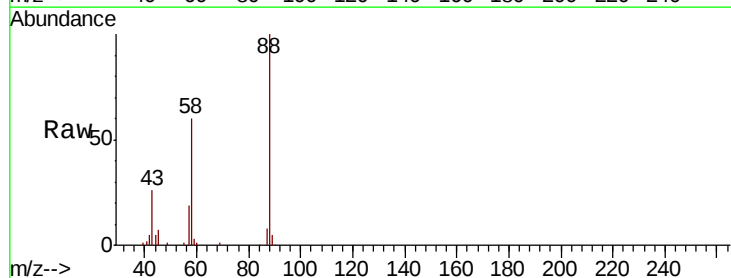
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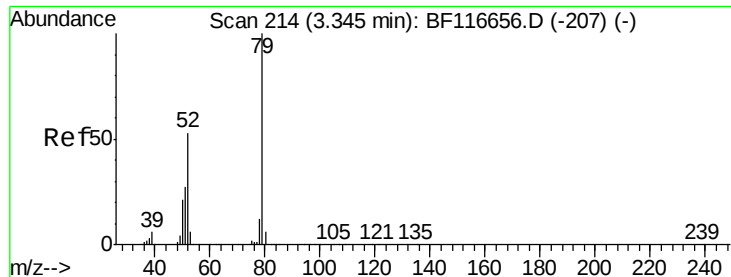


#2

1,4-Dioxane
Concen: 35.474 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.15 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.5	51.7	77.5
43	0.0	19.8	29.8





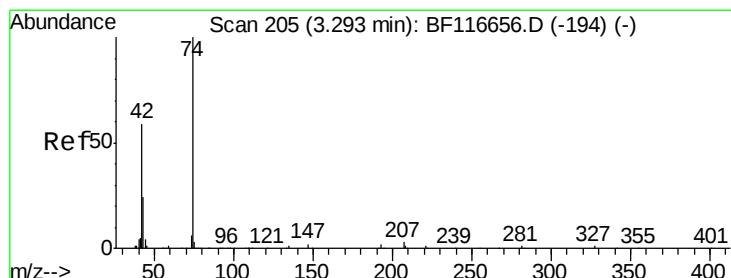
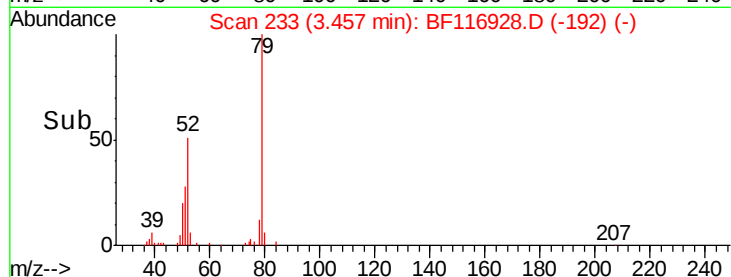
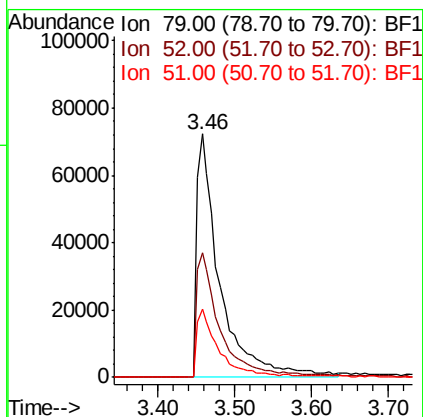
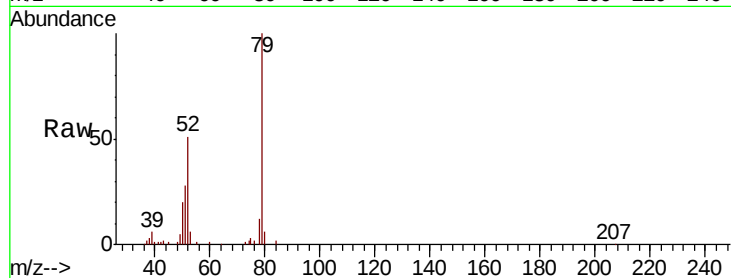
#3
 Pvridine
 Concen: 20.841 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.14 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MSD

Tot Ion:	79	Resp:	150582
Ion Ratio	Lower	Upper	
79	100		
52	51.4	47.4	71.0
51	28.1	24.1	36.1

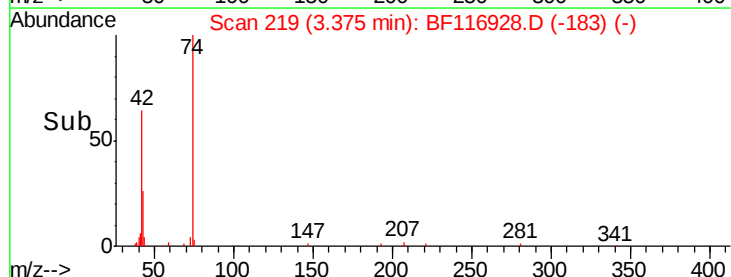
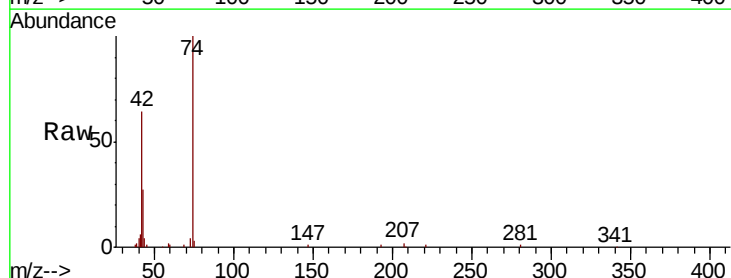
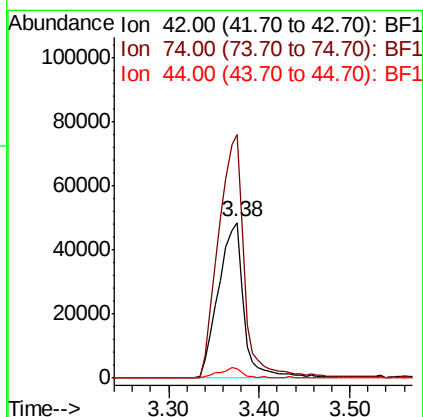
Manual Integrations
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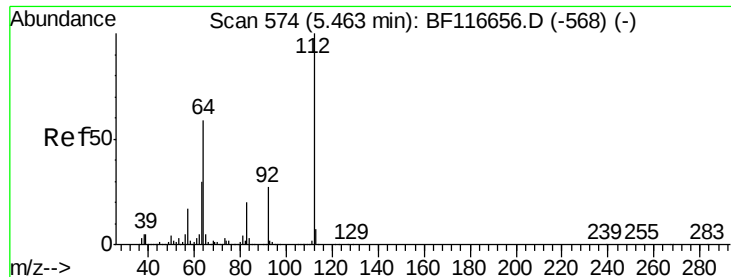
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#4
 n-Nitrosodimethylamine
 Concen: 38.417 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.11 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Tgt Ion:	42	Resp:	95315
Ion Ratio	Lower	Upper	
42	100		
74	156.7	115.6	173.4
44	5.8	4.6	7.0





#5

2-Fluorophenol

Concen: 118.228 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.02 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Instrument :

BNA_F

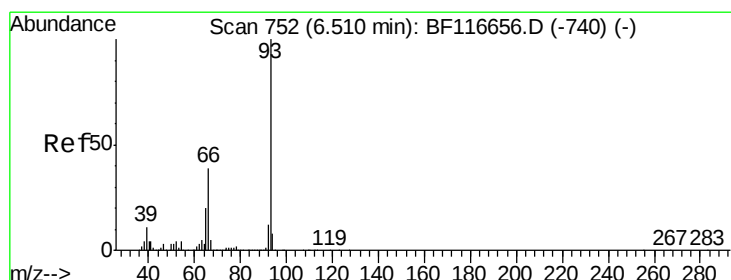
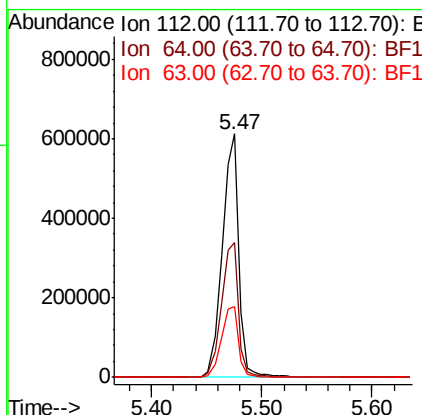
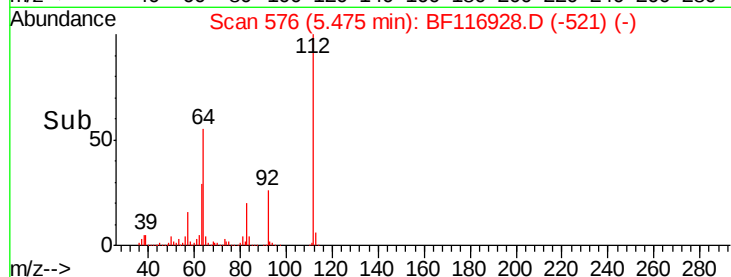
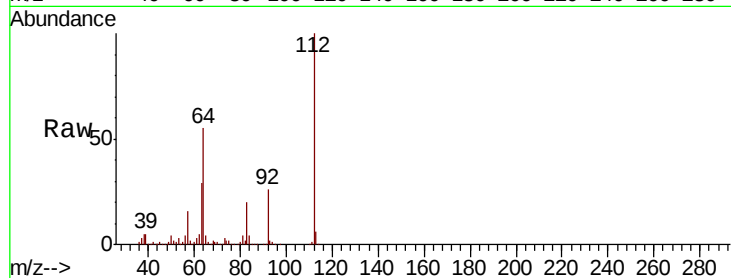
ClientSampleId :

AU-06-090519MSD

Tot Ion:	112	Resp:	639110
Ion Ratio	Lower	Upper	
112	100		
64	55.4	47.1	70.7
63	29.2	24.9	37.3

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#6

Aniline

Concen: 9.353 ng

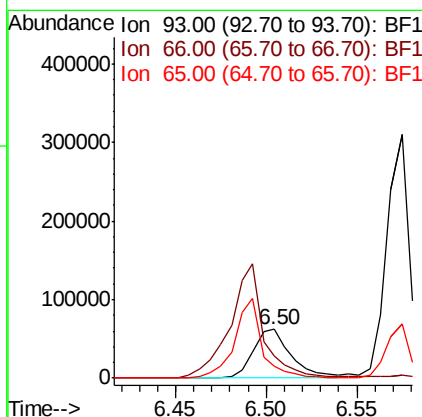
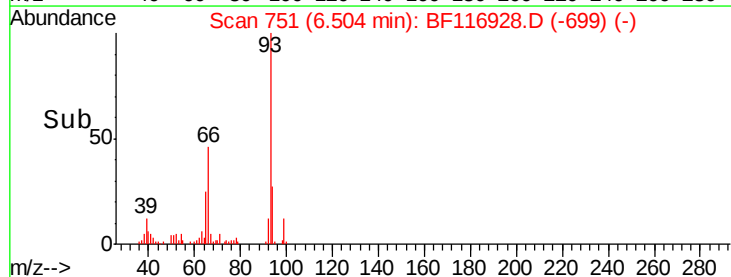
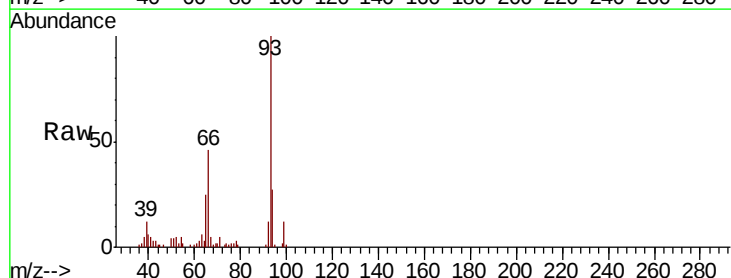
RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Tgt Ion:	93	Resp:	91956
Ion Ratio	Lower	Upper	
93	100		
66	45.9	32.7	49.1
65	24.7	16.3	24.5#





#7

Phenol-d6

Concen: 112.481 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Instrument :

BNA_F

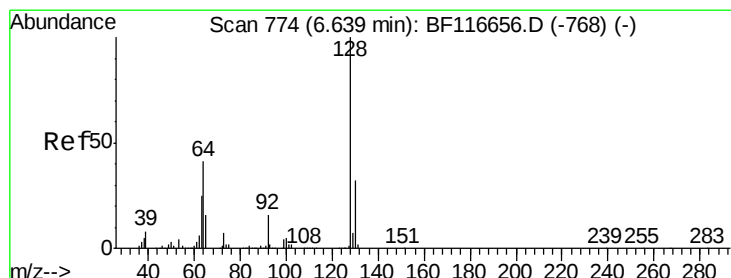
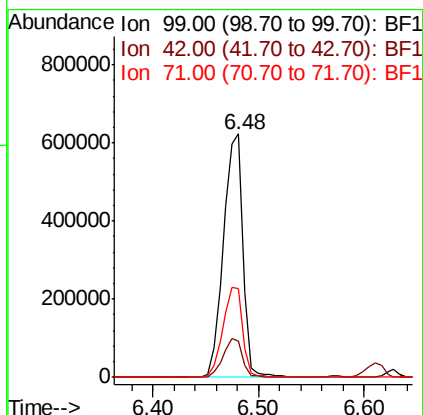
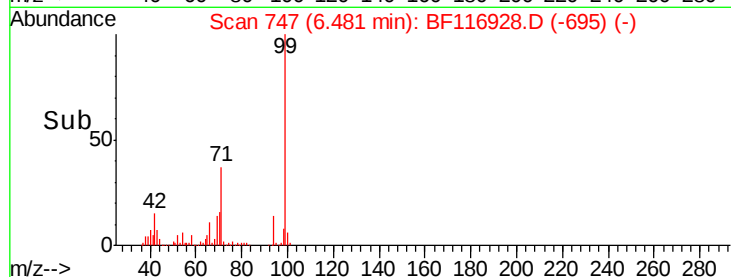
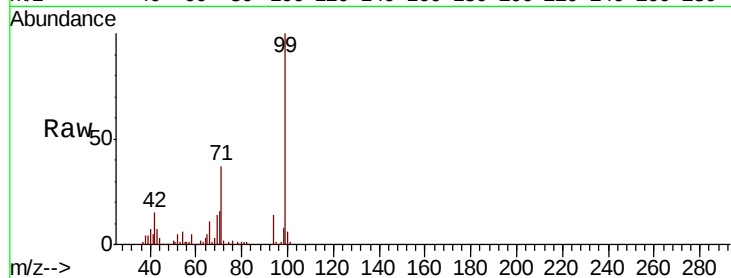
ClientSampleId :

AU-06-090519MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		798428		
42	14.9	13.7	20.5		
71	36.6	30.8	46.2		

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#8

2-Chlorophenol

Concen: 45.922 ng

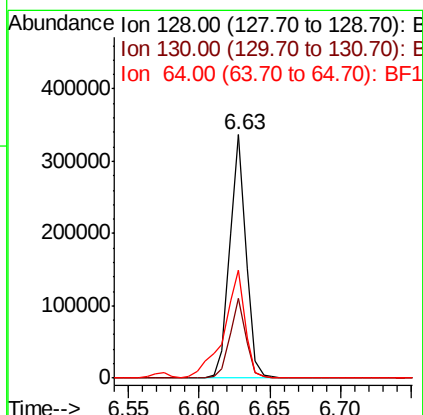
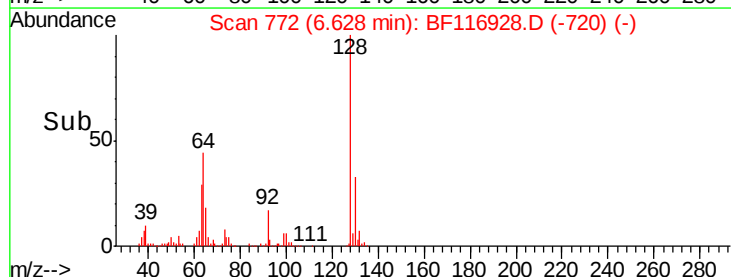
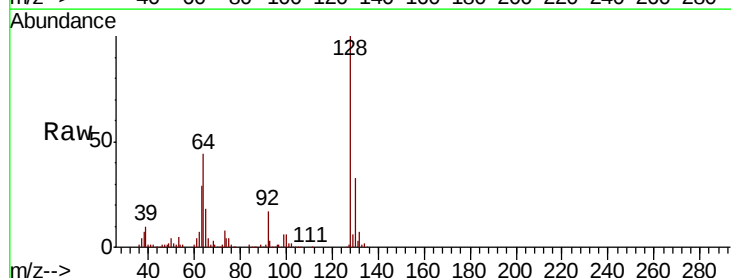
RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		270989		
130	32.9	12.3	52.3		
64	44.5	22.5	62.5		





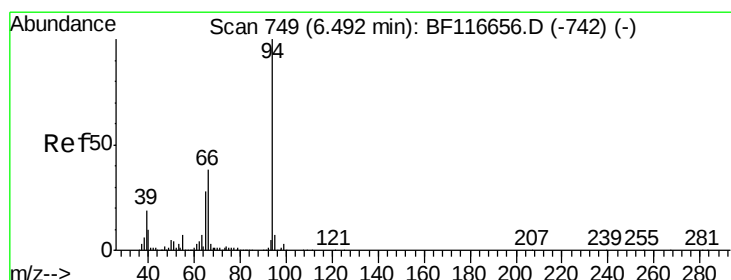
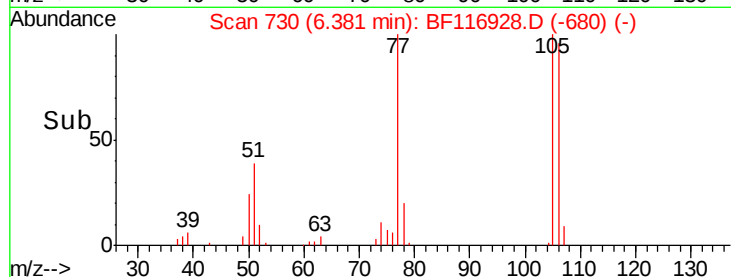
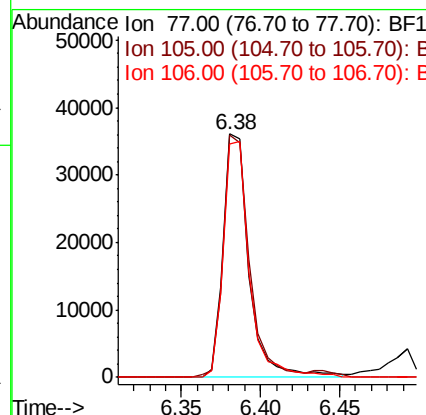
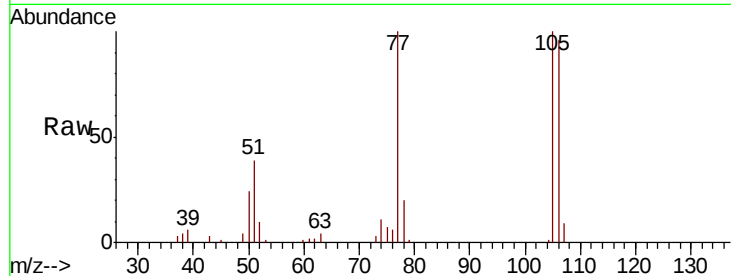
#9
Benzaldehyde
Concen: 8.765 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.6	76.7	116.7
106	95.7	73.1	113.1

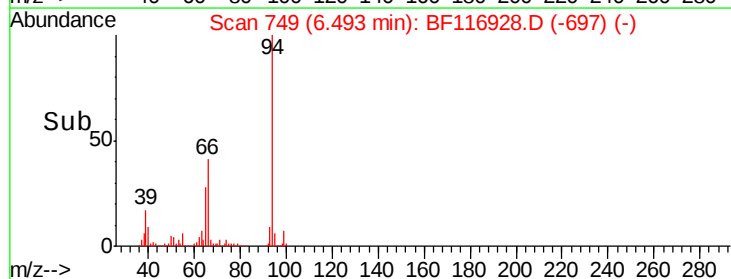
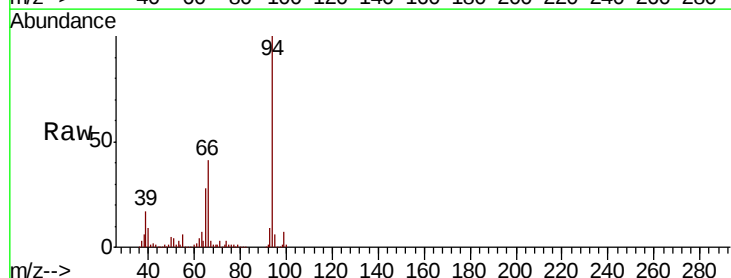
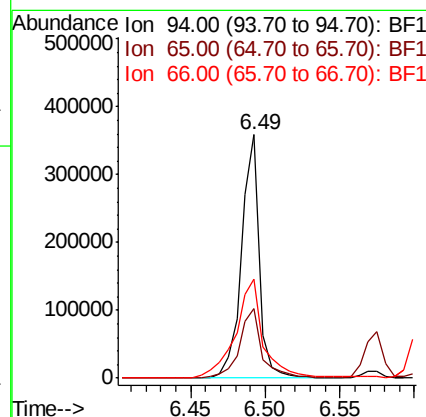
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#10
Phenol
Concen: 38.636 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	10.8	50.8
66	40.6	21.1	61.1





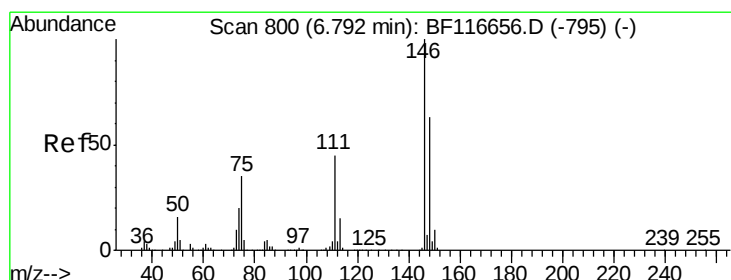
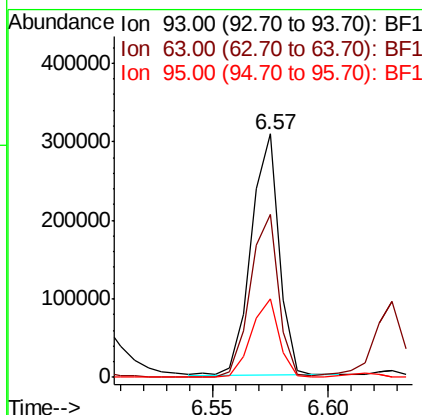
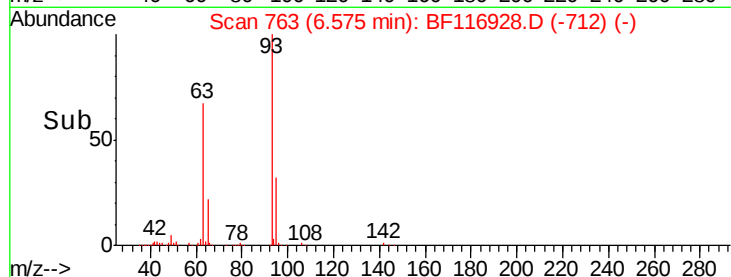
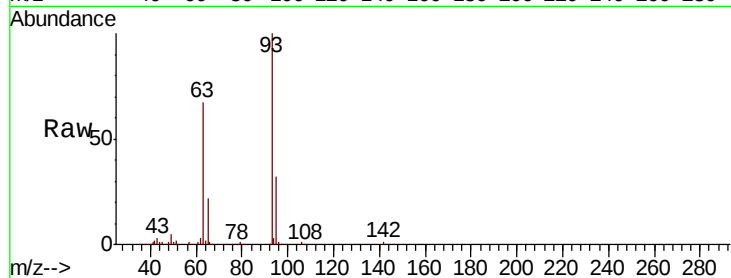
#11
bis(2-Chloroethyl)ether
Concen: 42.781 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.8	49.9	89.9
95	32.4	12.7	52.7

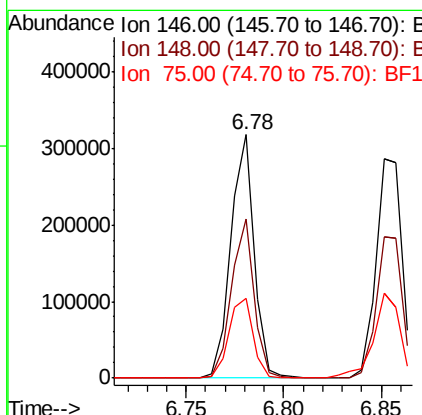
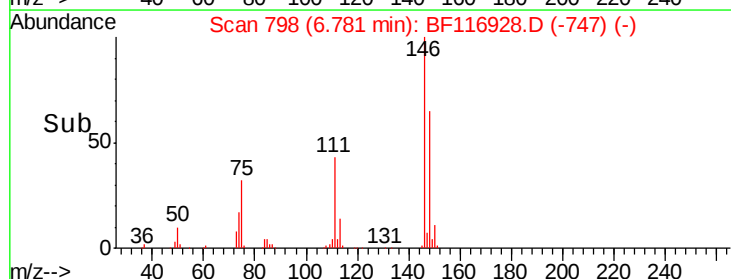
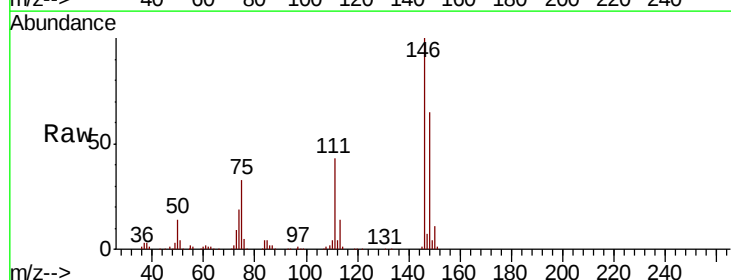
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#12
1,3-Dichlorobenzene
Concen: 39.610 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.0
75	32.6	29.6	44.4





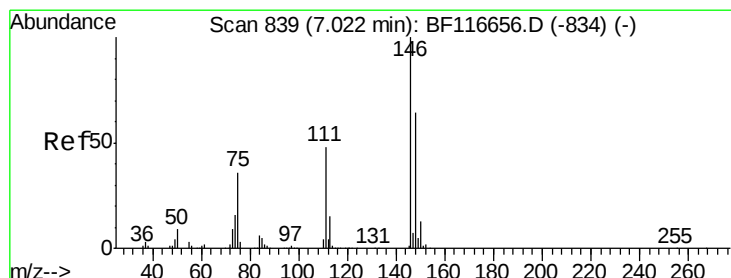
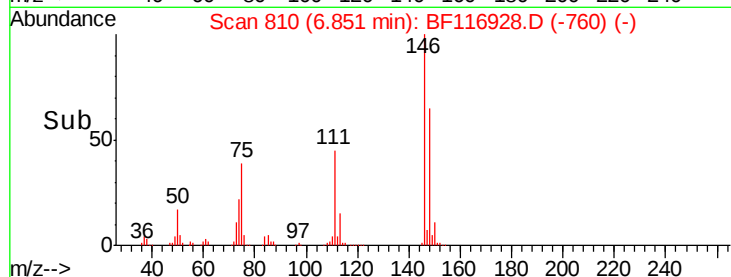
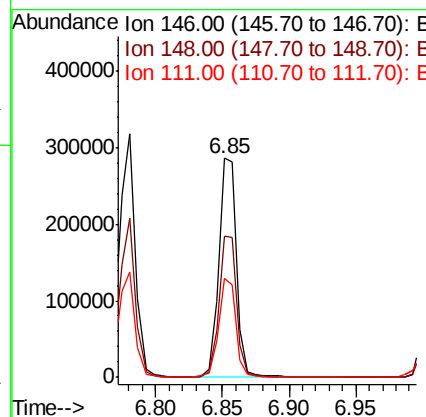
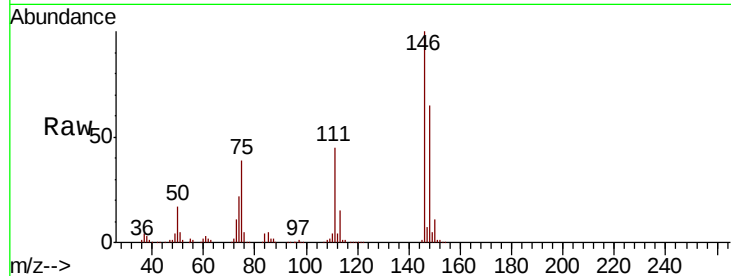
#13
1,4-Dichlorobenzene
Concen: 40.542 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	45.1	34.8	52.2

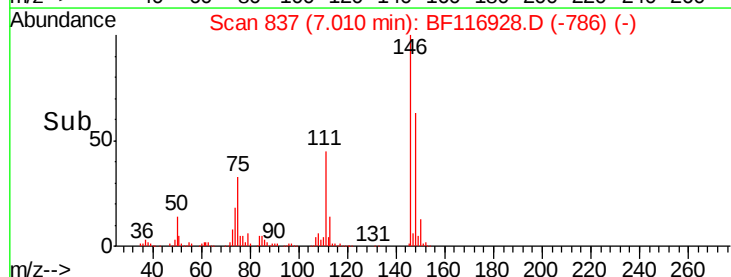
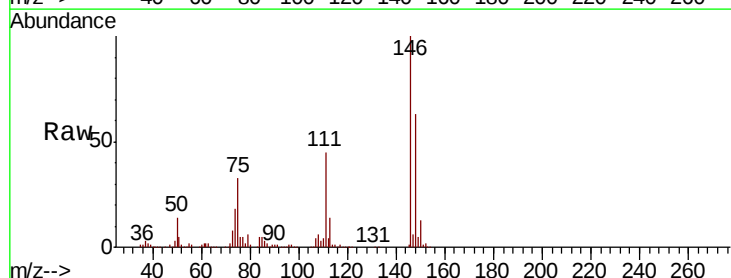
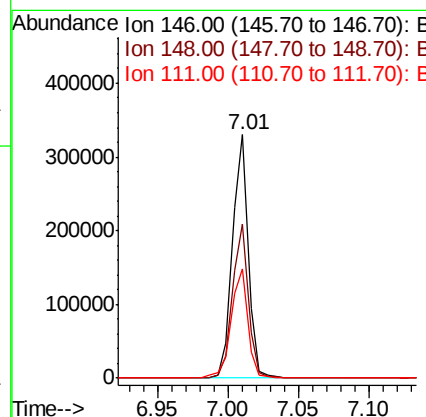
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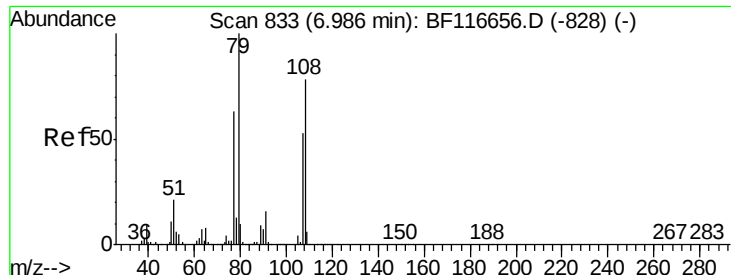
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#14
1,2-Dichlorobenzene
Concen: 41.716 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.6	78.8
111	44.9	34.2	51.4





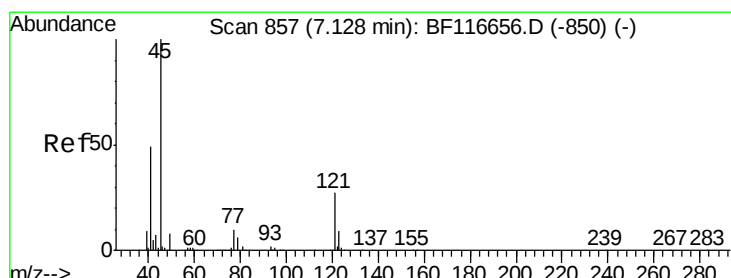
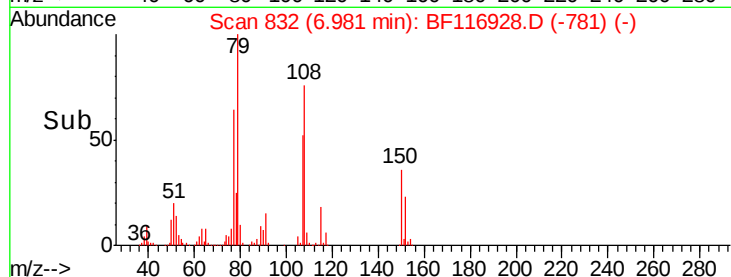
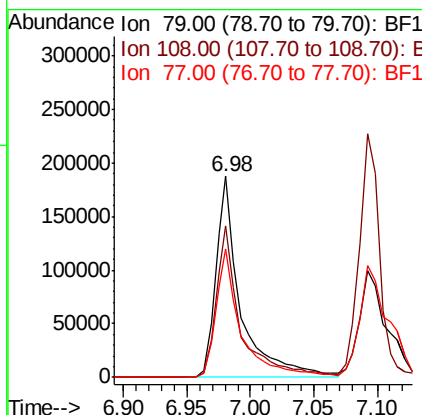
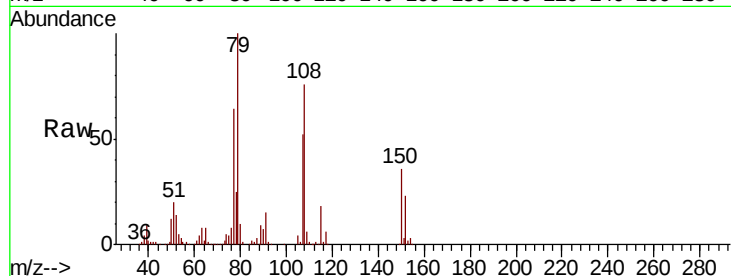
#15
Benzyl Alcohol
Concen: 44.111 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.7	59.2	88.8
77	63.7	53.0	79.4

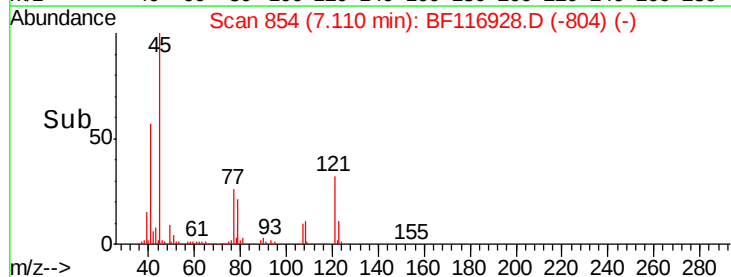
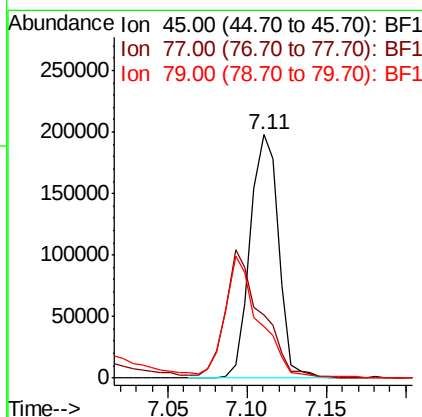
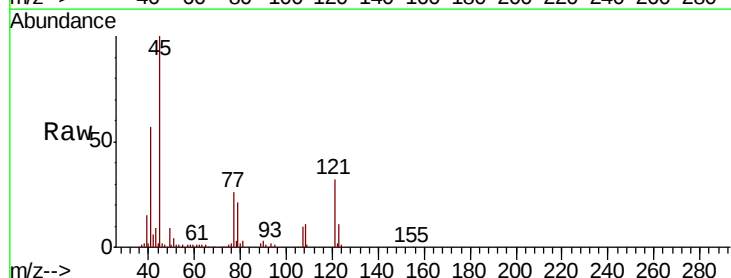
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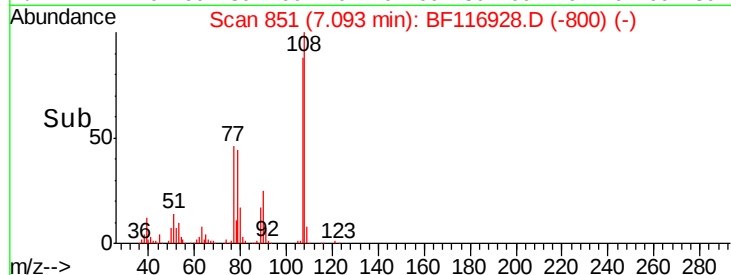
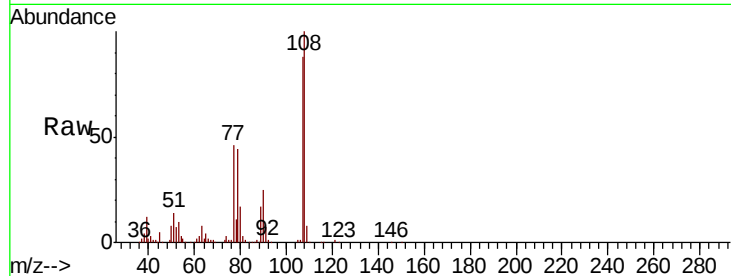
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.590 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.1	0.0	38.2
79	20.9	0.0	33.9





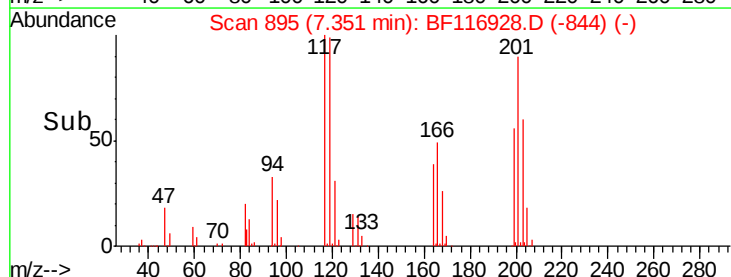
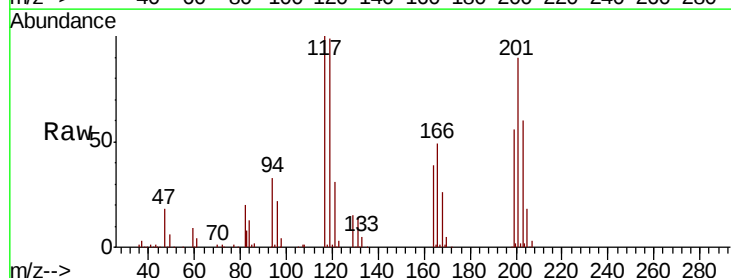
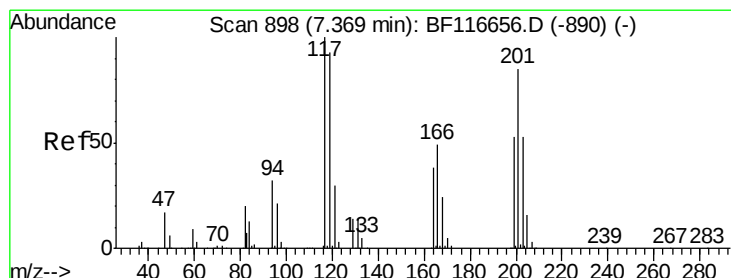
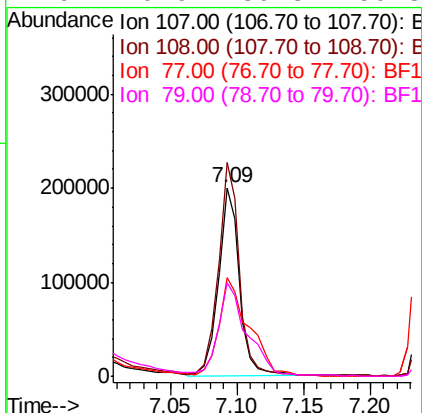
#17
2-Methylphenol
Concen: 43.001 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	88.3	132.5	
77	52.0	39.9	59.9	
79	49.6	39.8	59.8	

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

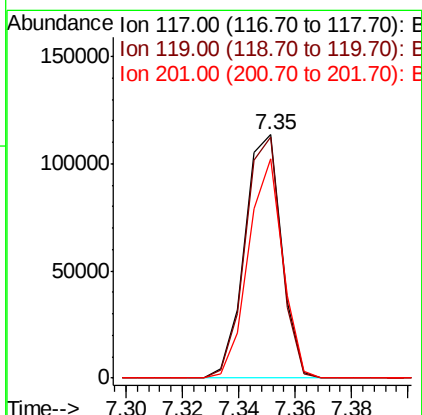
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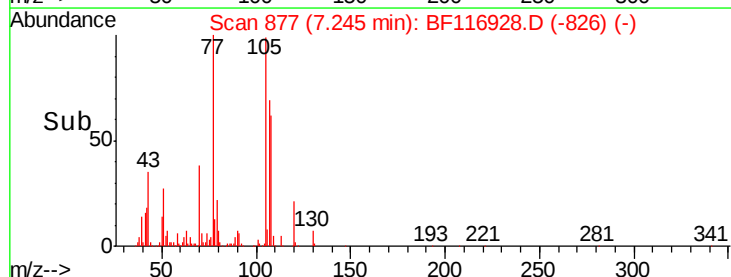
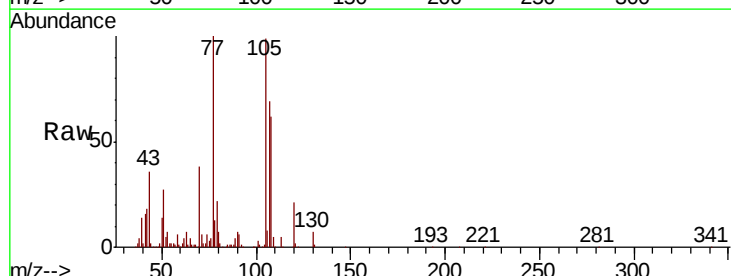
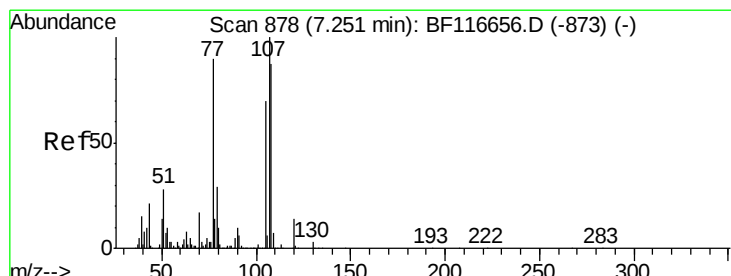
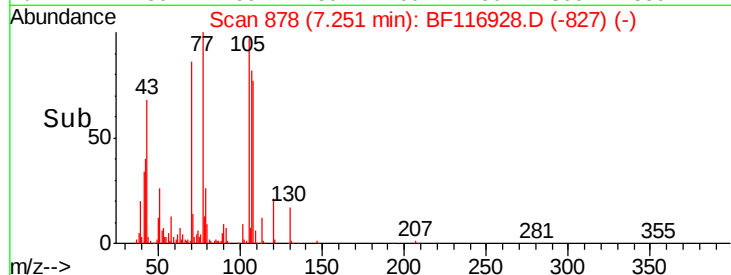
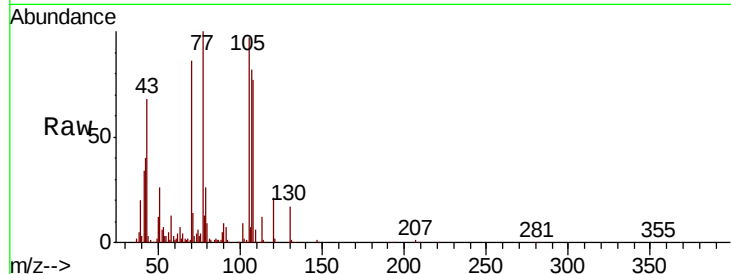
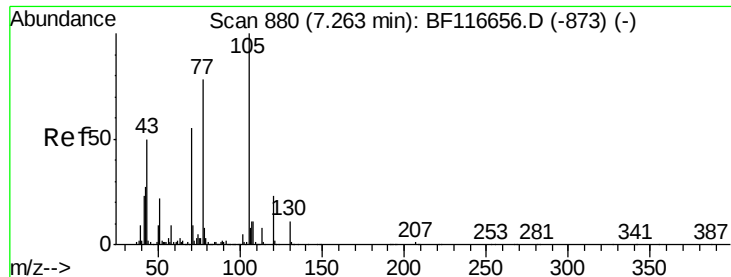
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#18
Hexachloroethane
Concen: 40.049 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.8	76.9	115.3	
201	89.9	79.4	119.0	





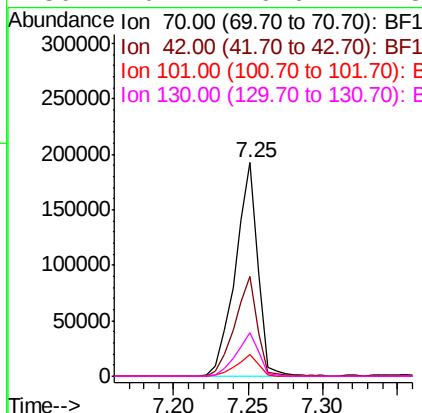
#19
n-Nitroso-di-n-propylamine
Concen: 43.416 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.7	43.5	65.3	
101	10.3	7.8	11.6	
130	20.2	16.6	24.8	

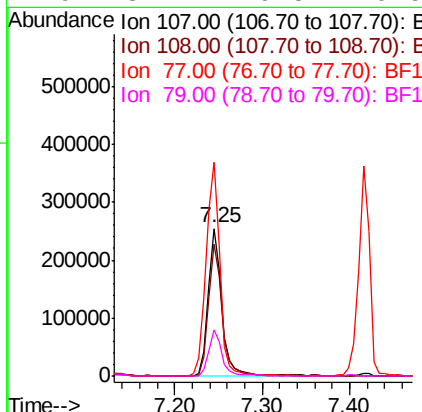
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#20
3+4-Methylphenols
Concen: 46.090 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	65.5	105.5	
77	144.4	69.4	109.4#	
79	31.2	9.5	49.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Instrument :

BNA_F

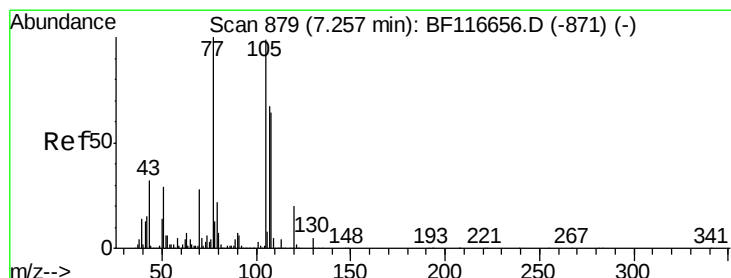
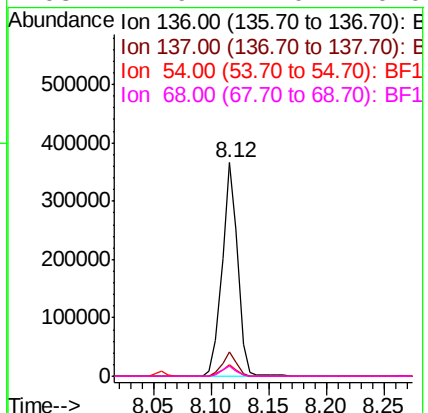
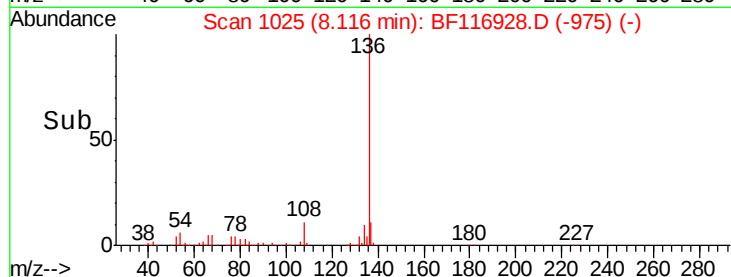
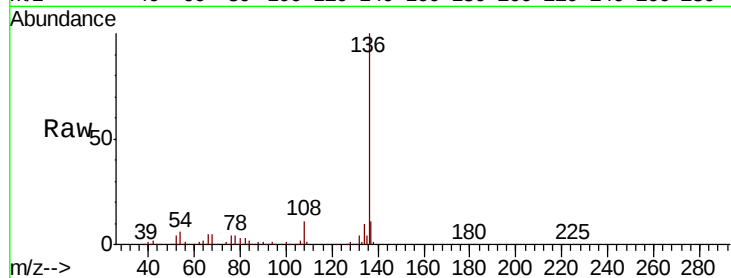
ClientSampleId :

AU-06-090519MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	341229		
137	11.2	8.9	13.3	
54	5.5	4.8	7.2	
68	4.9	4.0	6.0	

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#22

Acetophenone

Concen: 49.466 ng

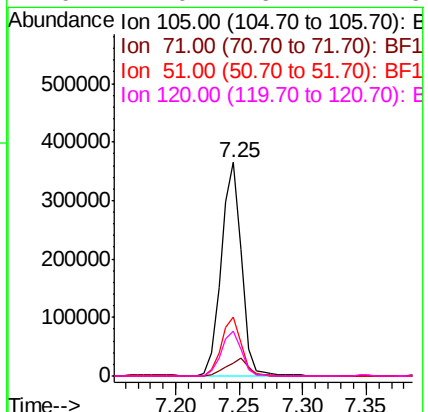
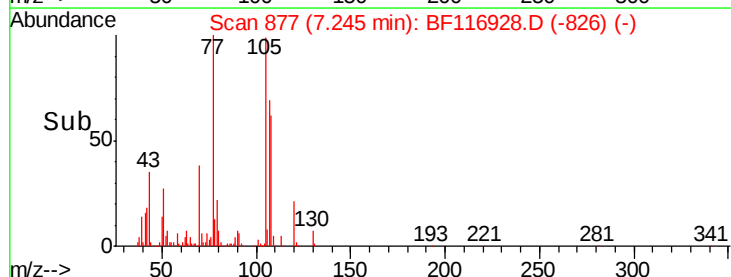
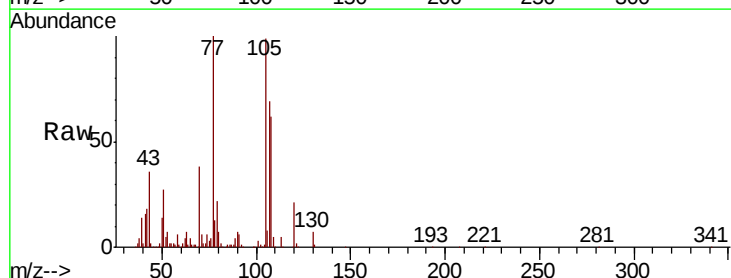
RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	406368		
71	6.0	4.2	6.4	
51	27.6	25.8	38.8	
120	21.0	16.4	24.6	





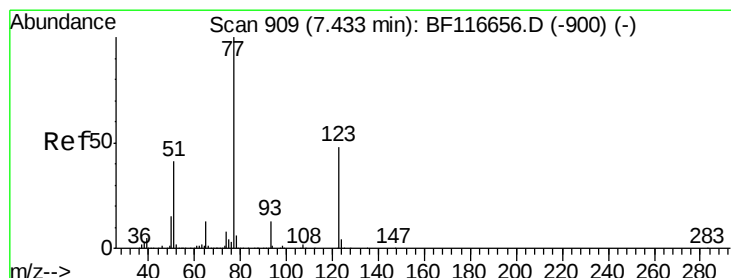
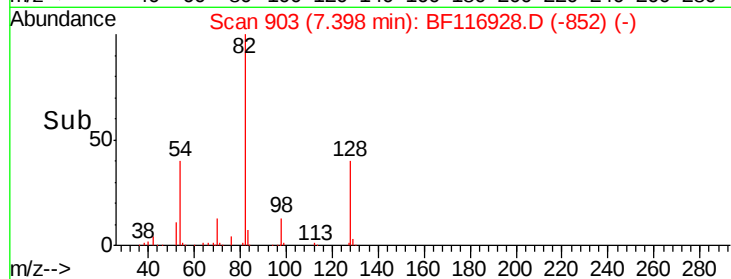
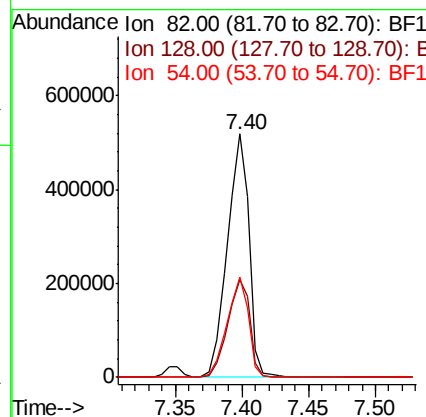
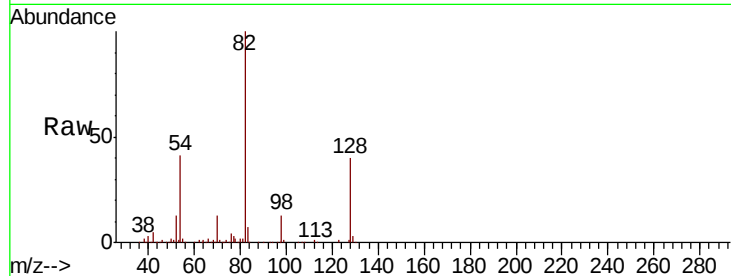
#23
 Nitrobenzene-d5
 Concen: 99.506 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.8	49.2
54	41.3	36.9	55.3

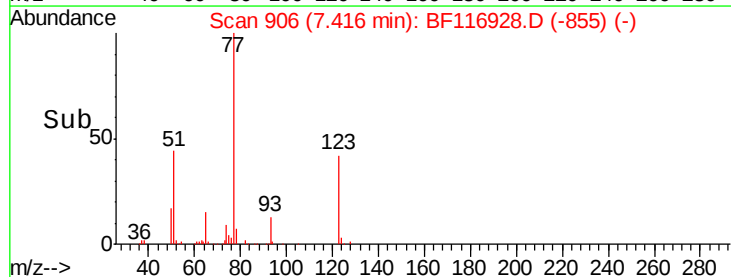
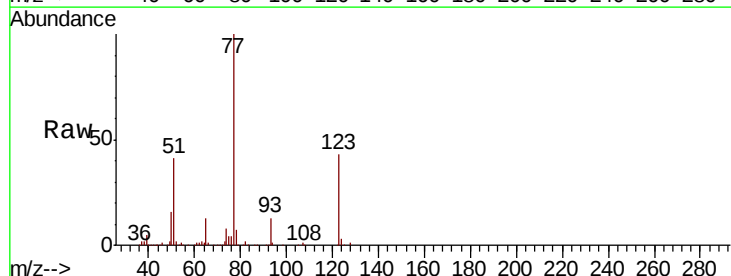
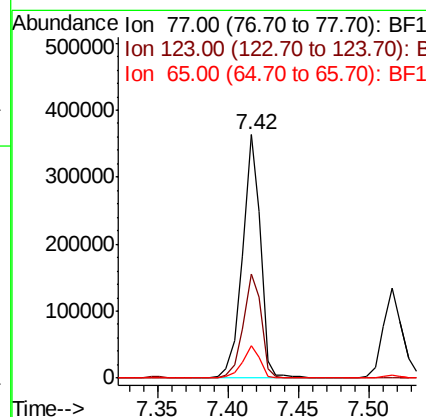
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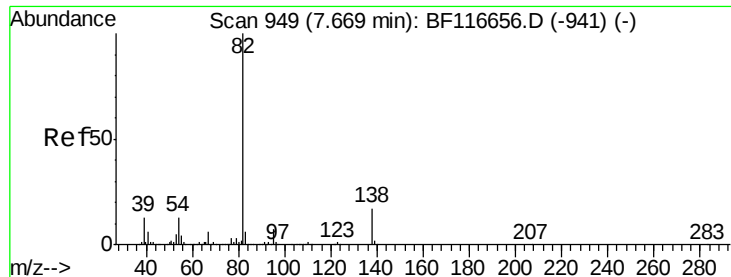
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#24
 Nitrobenzene
 Concen: 52.529 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	33.1	49.7
65	13.5	10.6	15.8





#25

Isophorone

Concen: 46.187 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Instrument :

BNA_F

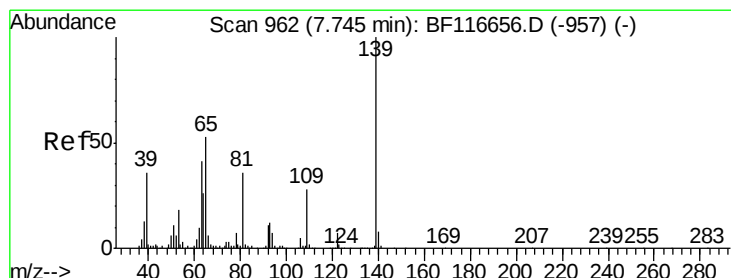
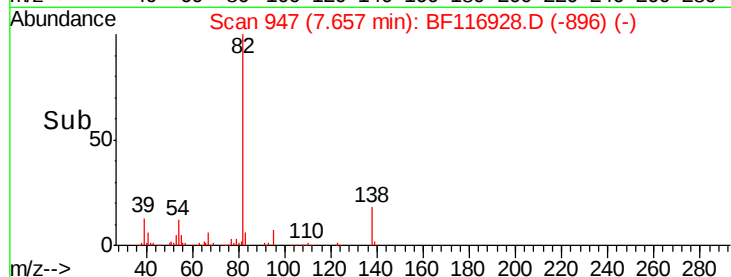
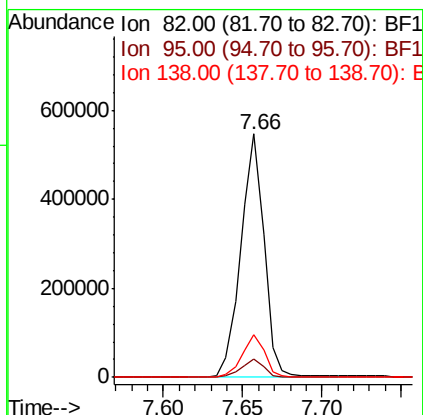
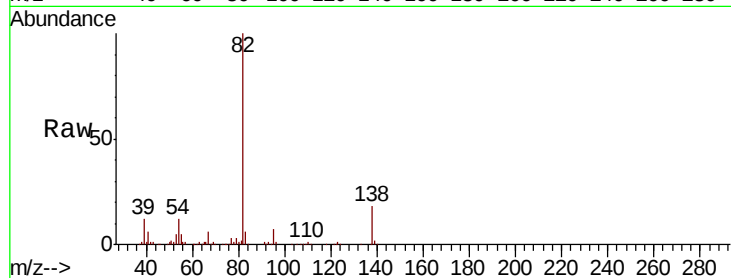
ClientSampleId :

AU-06-090519MSD

Tot Ion:	82	Resp:	559420
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.8	8.6
138	17.7	13.5	20.3

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#26

2-Nitrophenol

Concen: 64.079 ng

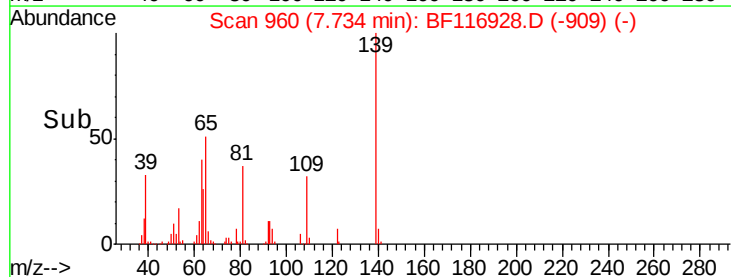
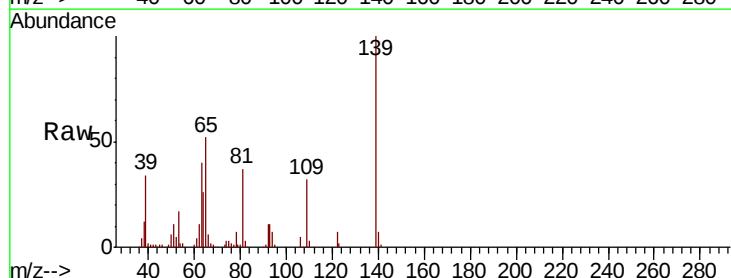
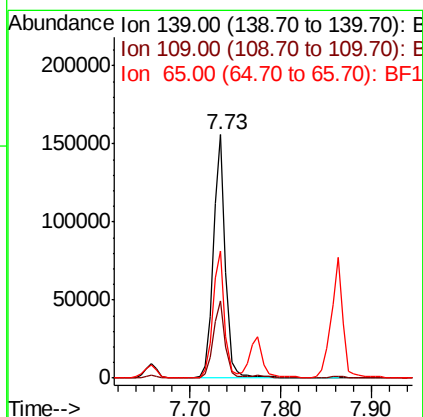
RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Tgt Ion:	139	Resp:	144827
Ion Ratio	Lower	Upper	
139	100		
109	31.8	27.1	40.7
65	52.0	43.0	64.6





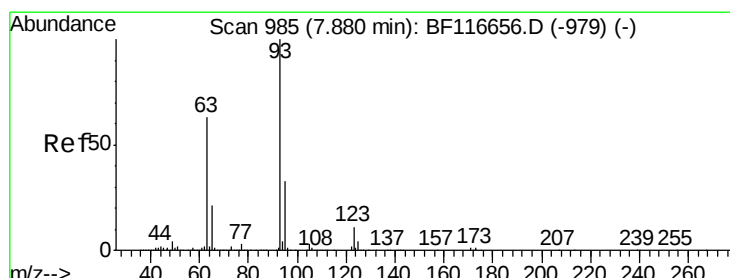
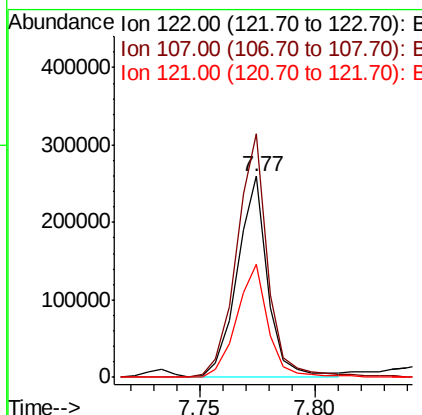
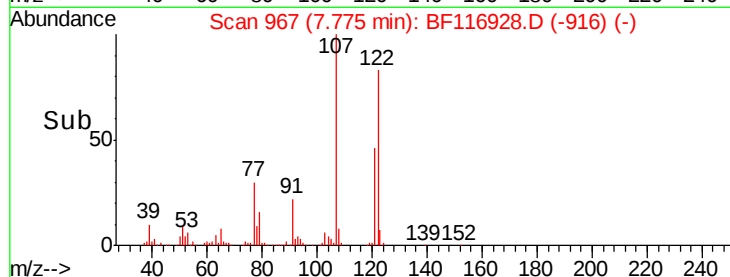
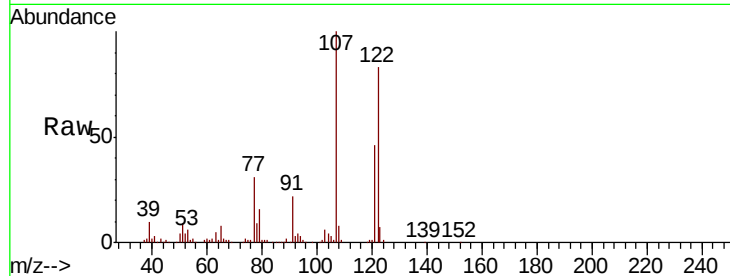
#27
 2,4-Dimethylphenol
 Concen: 52.690 ng
 RT: 7.77 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	98.1	147.1
121	55.9	47.3	70.9

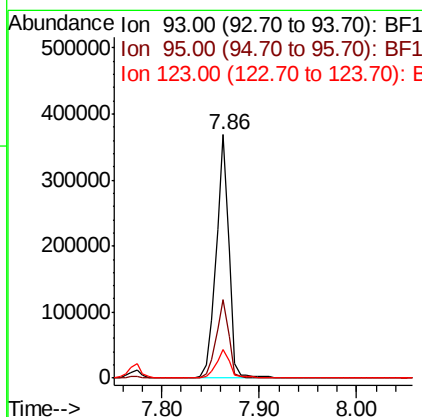
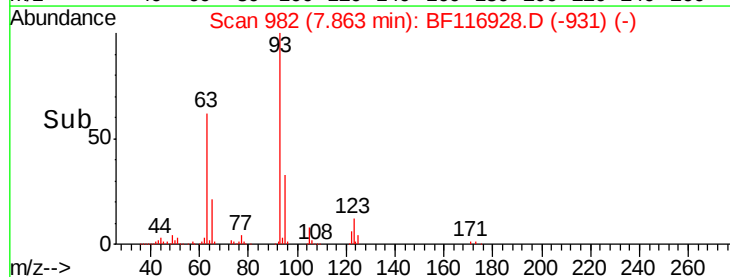
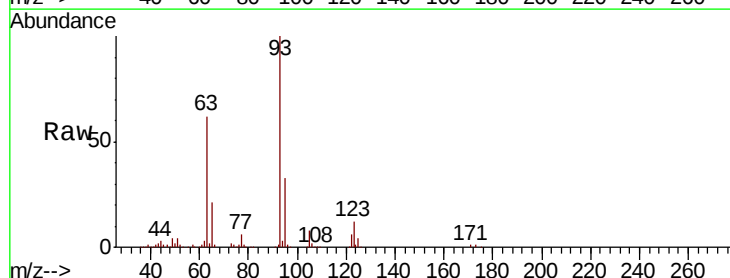
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.007 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	11.8	9.8	14.8





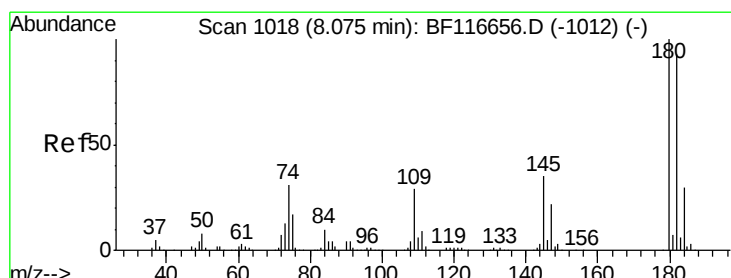
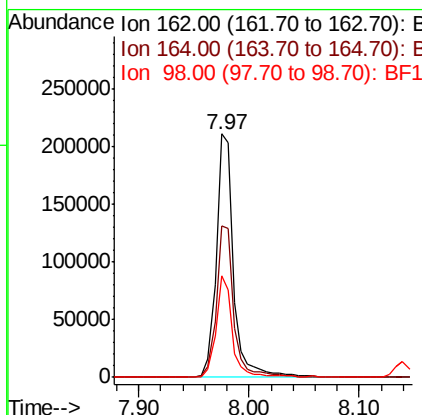
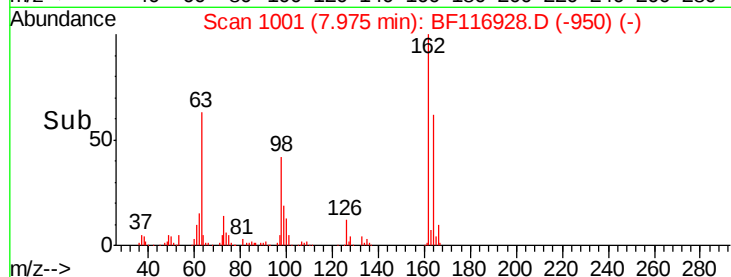
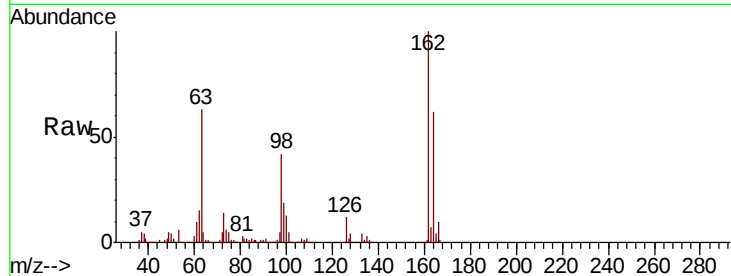
#29
 2,4-Dichlorophenol
 Concen: 52.374 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MSD

Tot Ion:	162	Resp:	229746
Ion Ratio	Lower	Upper	
162	100		
164	62.1	43.4	83.4
98	41.6	18.1	58.1

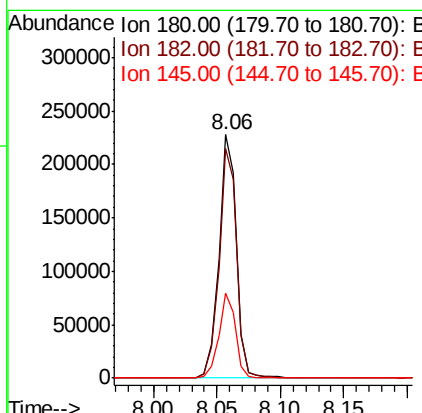
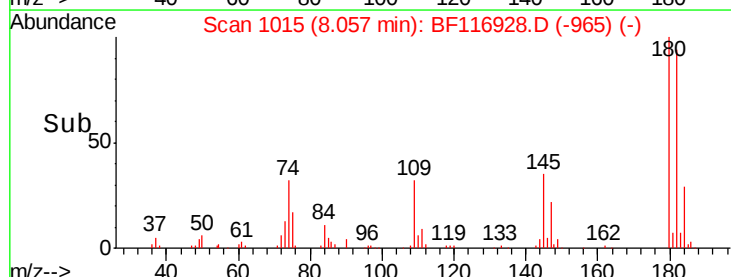
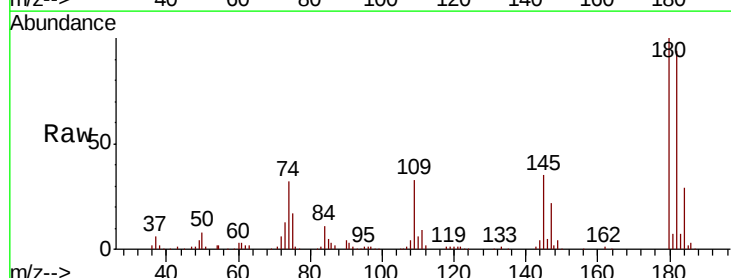
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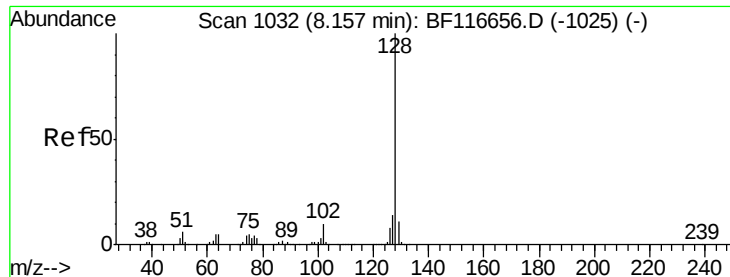
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.225 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Tgt Ion:	180	Resp:	219934
Ion Ratio	Lower	Upper	
180	100		
182	94.1	78.6	118.0
145	35.1	25.7	38.5





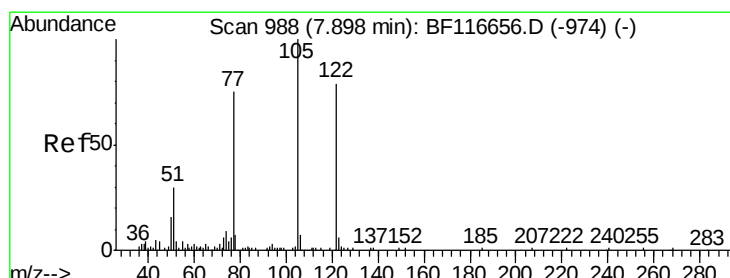
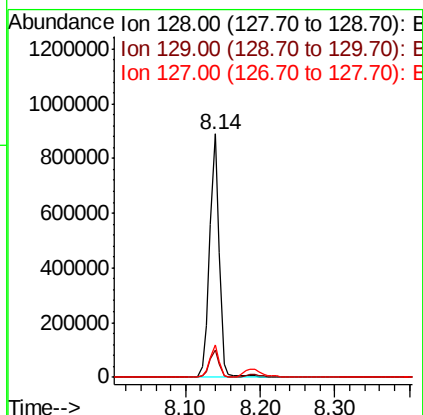
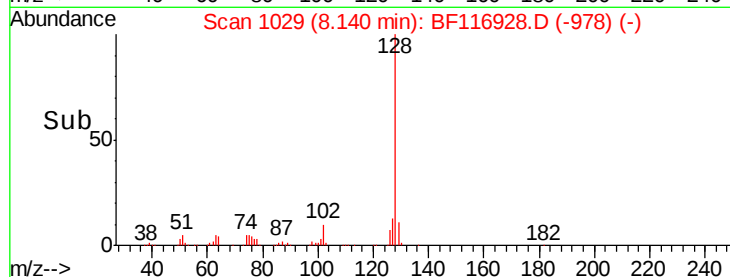
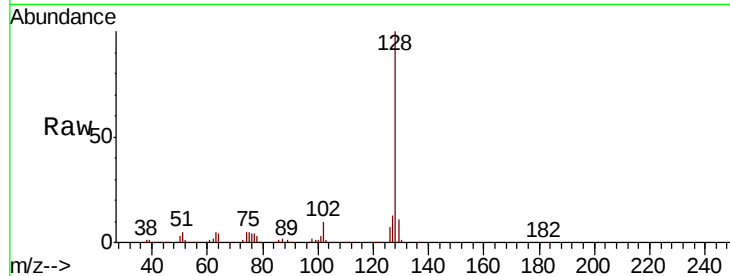
#31
Naphthalene
Concen: 48.821 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.4	10.4	15.6

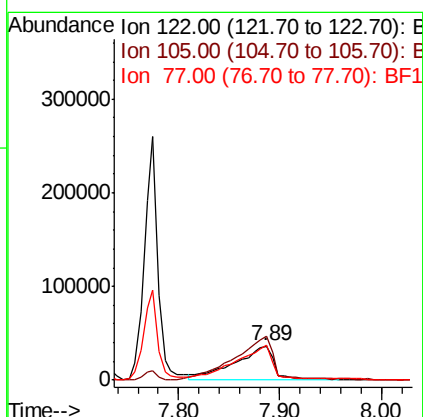
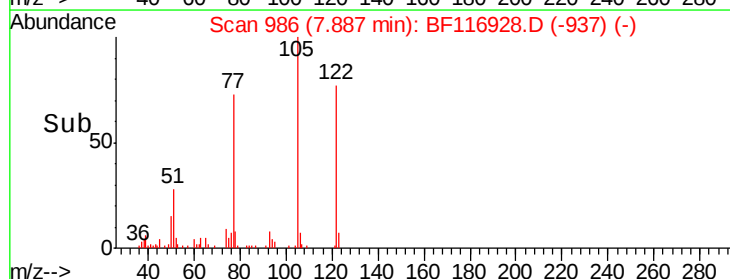
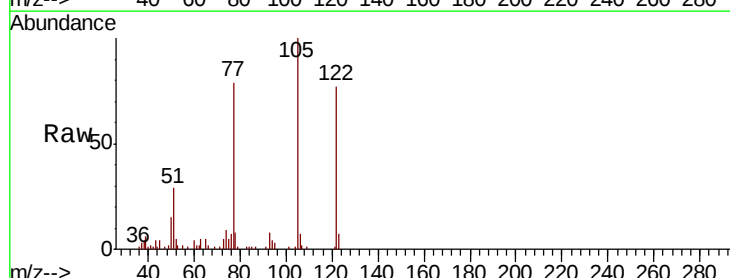
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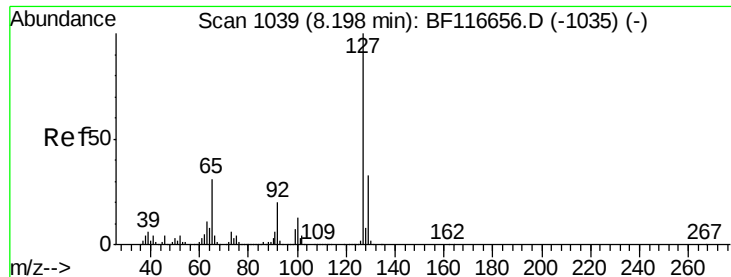
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#32
Benzoic acid
Concen: 37.679 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.6	110.0	150.0
77	102.1	81.7	121.7





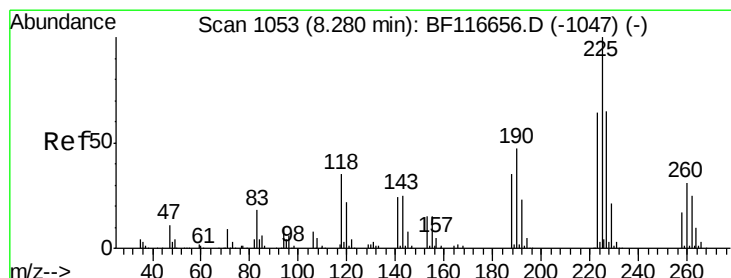
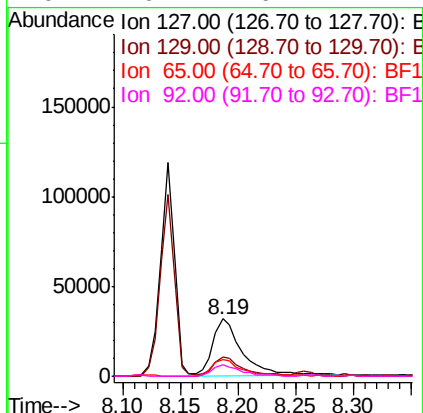
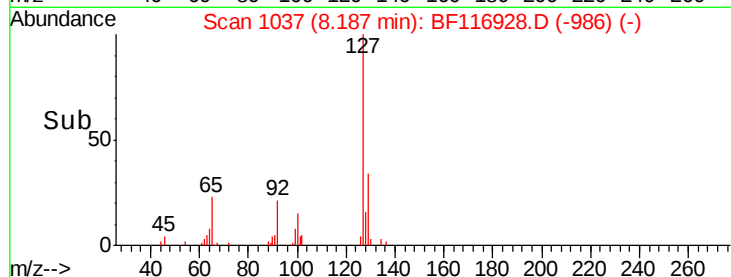
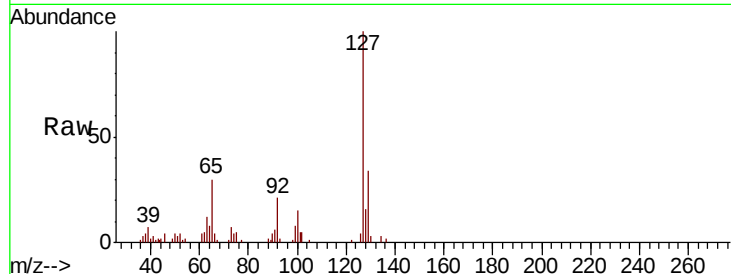
#33
4-Chloroaniline
Concen: 7.582 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		56000		
129	33.6	26.2	39.2		
65	29.8	26.0	39.0		
92	20.7	16.1	24.1		

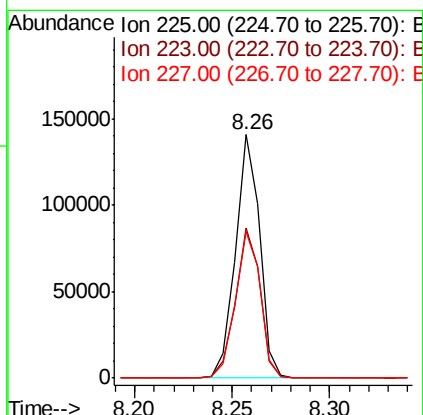
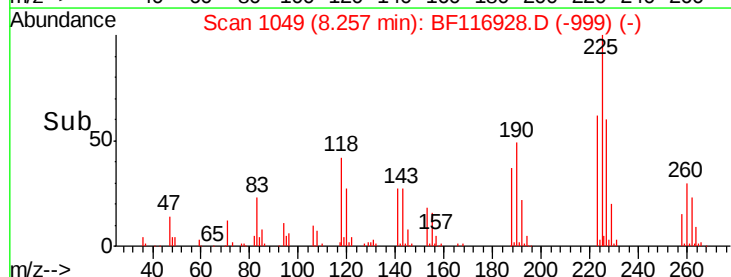
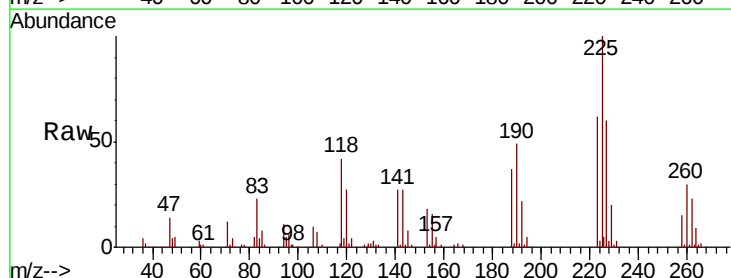
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#34
Hexachlorobutadiene
Concen: 46.654 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		121031		
223	61.5	49.4	74.2		
227	60.3	51.0	76.4		





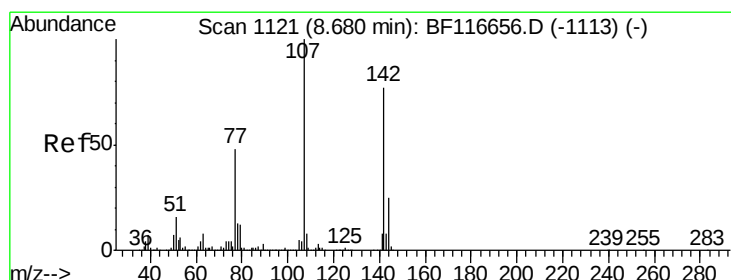
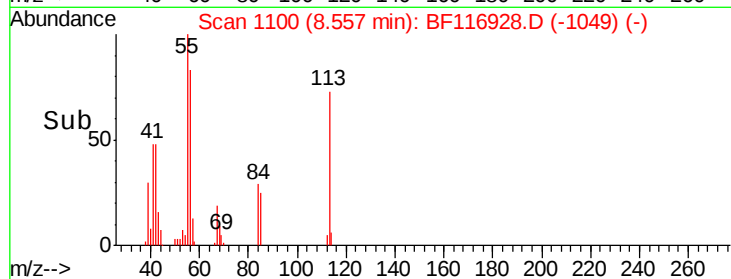
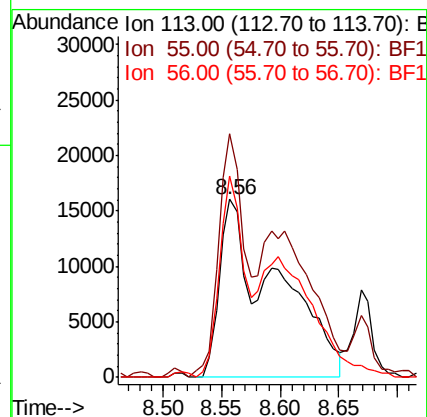
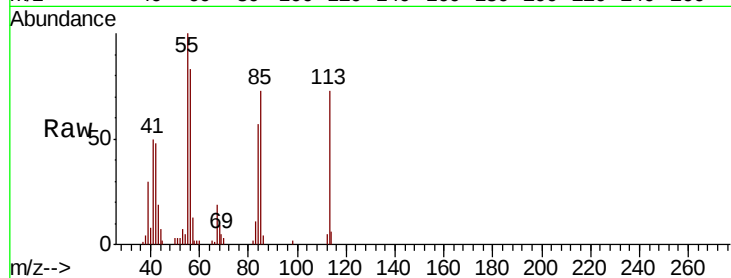
#35
Caprolactam
Concen: 32.895 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	137.0	124.3	164.3		
56	113.5	94.6	134.6		

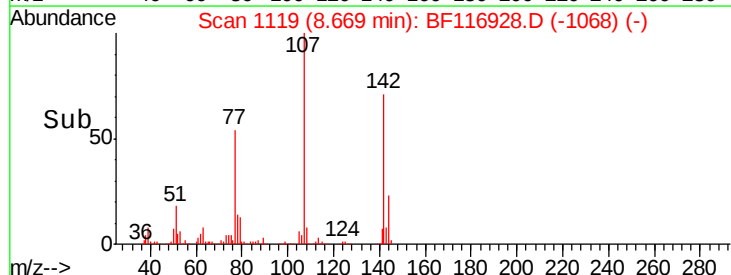
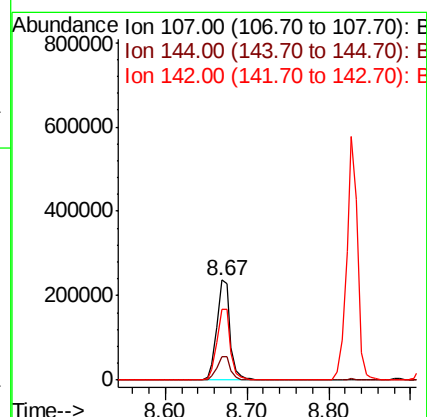
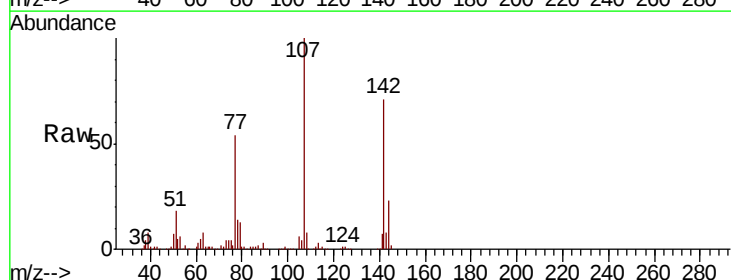
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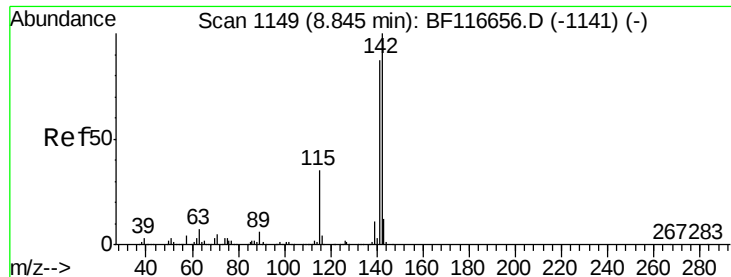
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#36
4-Chloro-3-methylphenol
Concen: 53.590 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.9	18.6	27.8		
142	70.7	58.5	87.7		





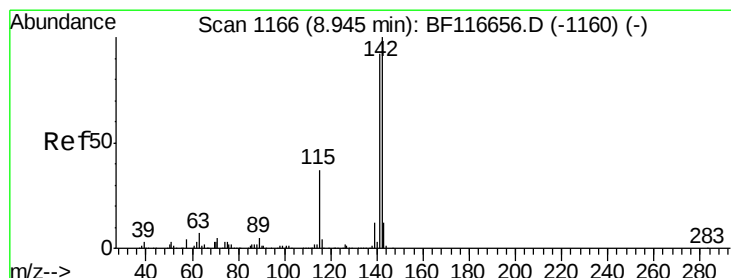
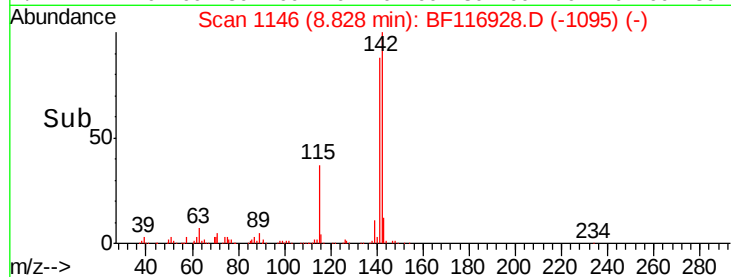
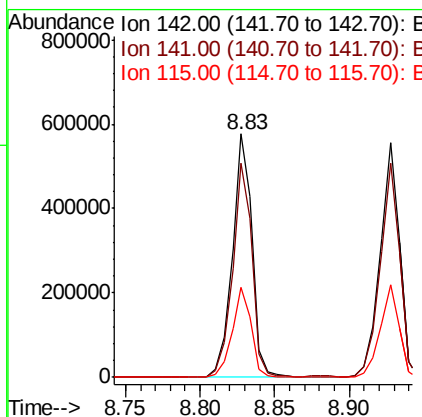
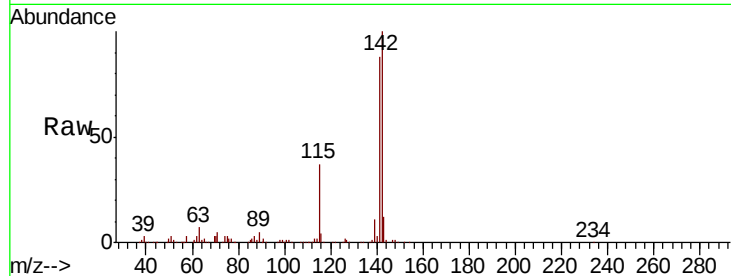
#37
2-Methylnaphthalene
Concen: 49.695 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	536503		
141	87.8	72.6	109.0	
115	37.0	29.8	44.6	

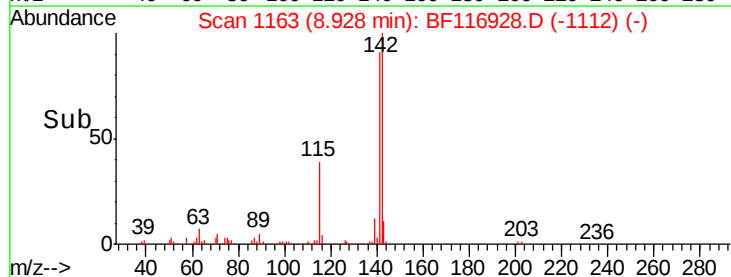
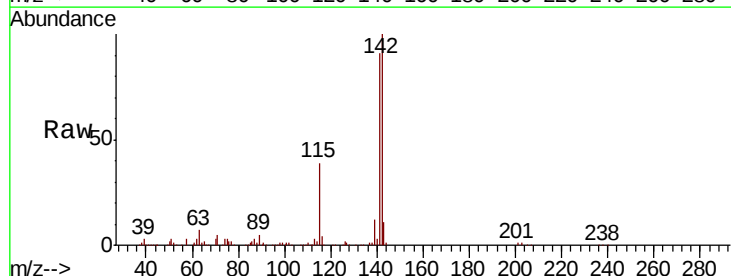
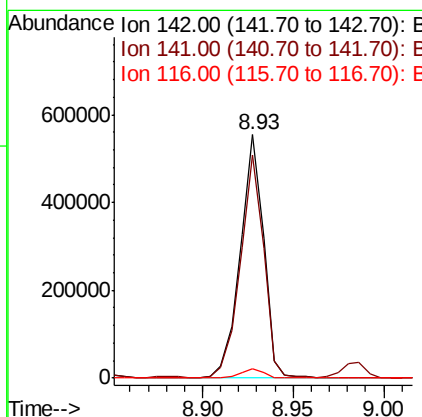
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#38
1-Methylnaphthalene
Concen: 48.517 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	494446		
141	91.5	73.9	110.9	
116	4.0	3.0	4.6	





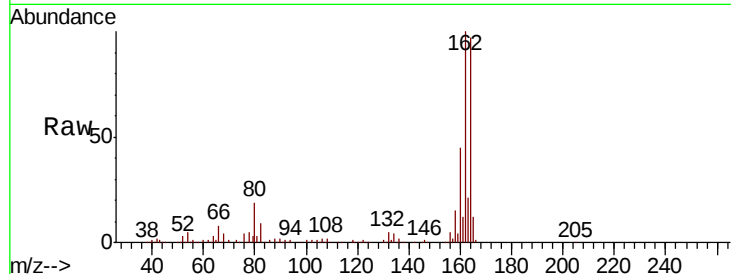
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.4	122.0
160	46.2	35.4	53.2

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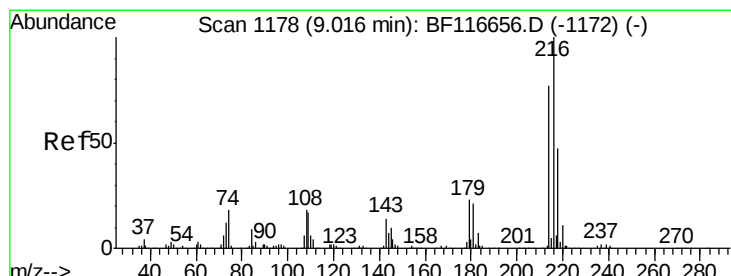
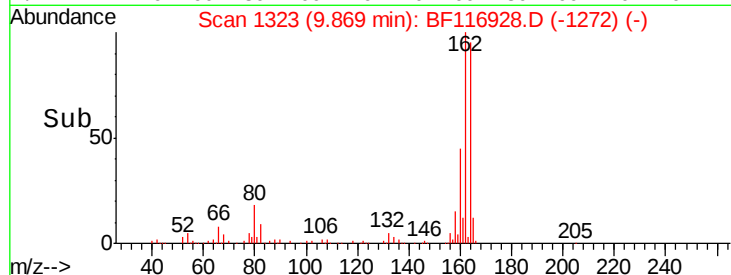
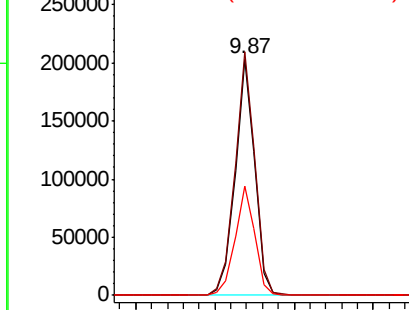


Abundance

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: 50.183 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.7	94.1
179	23.8	19.3	28.9
108	24.6	16.6	25.0

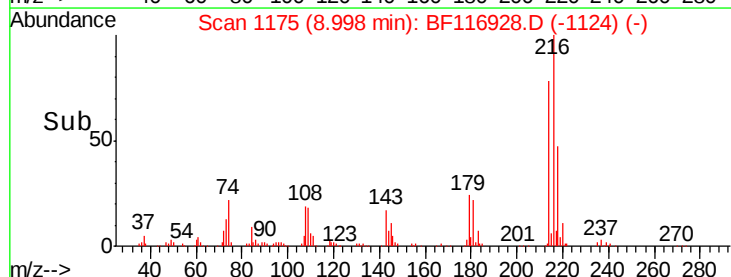
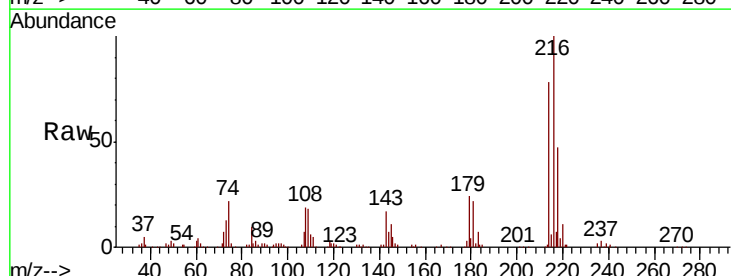
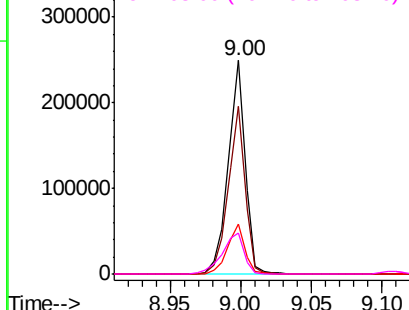
Abundance

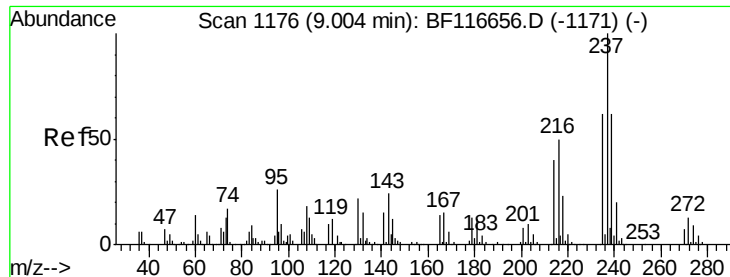
Ion 216.00 (215.70 to 216.70): E

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: 89.453 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Instrument :

BNA_F

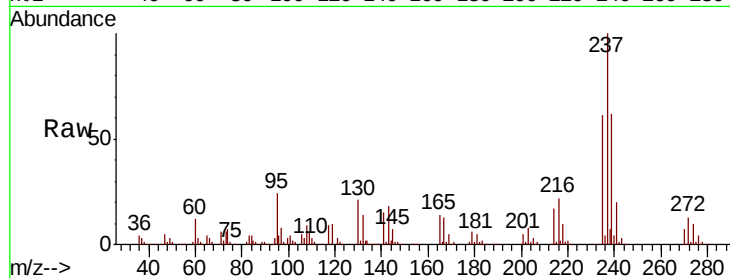
ClientSampleId :

AU-06-090519MSD

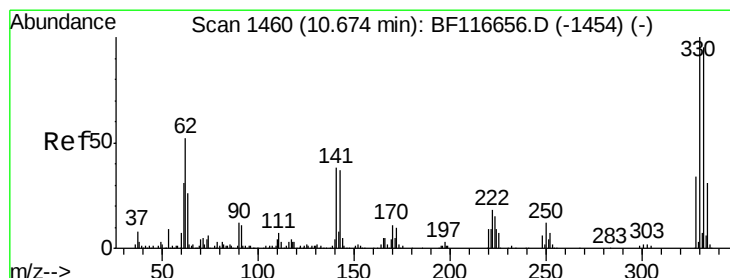
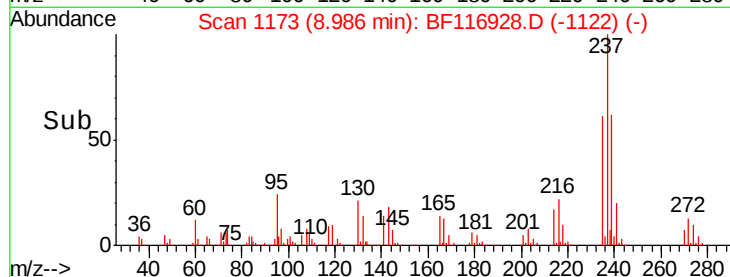
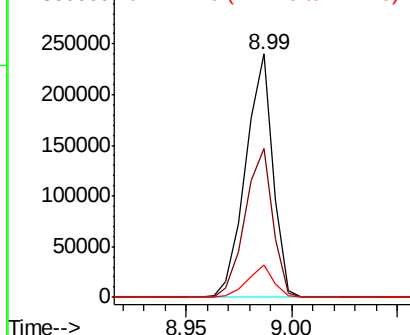
Tot Ion:	237	Resp:	214924
Ion Ratio	Lower	Upper	
237	100		
235	61.2	41.4	81.4
272	13.1	0.0	32.8

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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: 179.015 ng

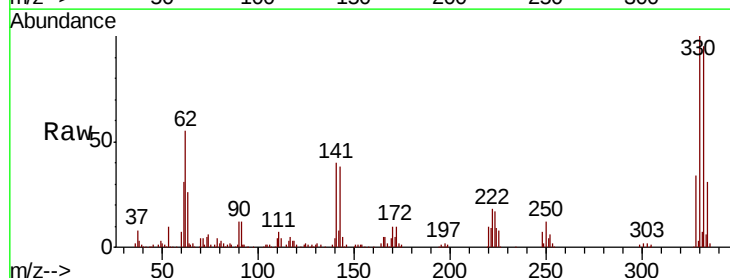
RT: 10.66 min Scan# 1458

Delta R.T. 0.01 min

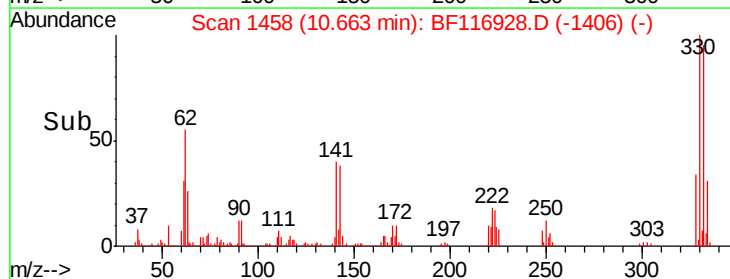
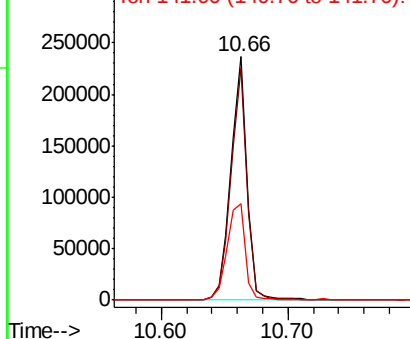
Lab File: BF116928.D

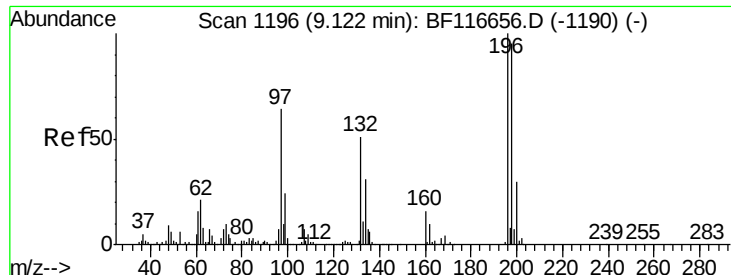
Acq: 10 Sep 2019 18:27

Tgt Ion:	330	Resp:	207715
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.9	115.3
141	45.1	31.4	47.2



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





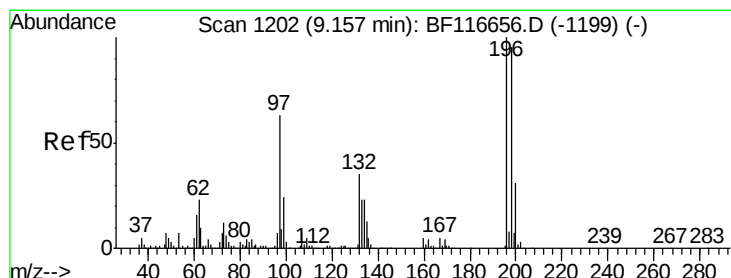
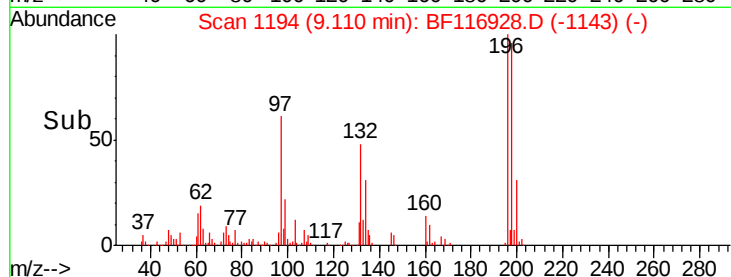
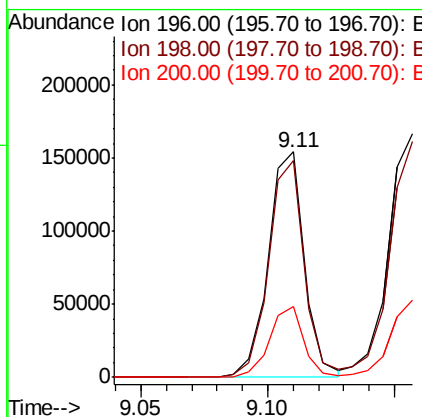
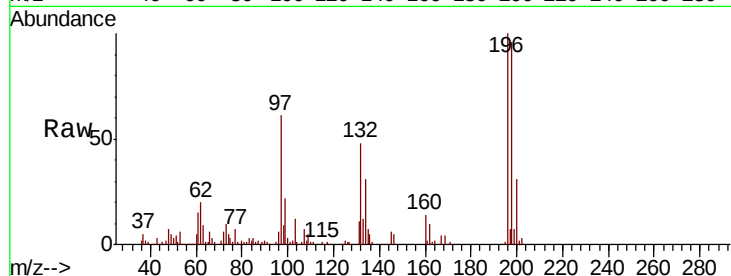
#43
 2,4,6-Trichlorophenol
 Concen: 53.261 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	151908		
198	96.2	79.1	118.7	
200	31.3	24.0	36.0	

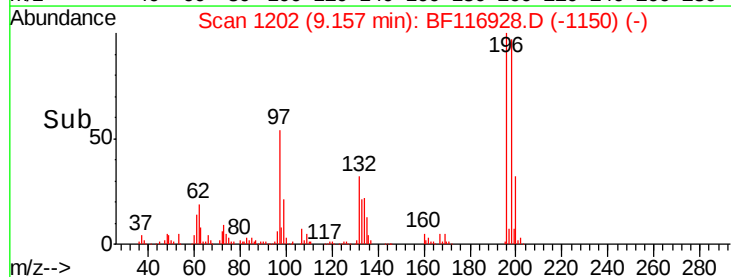
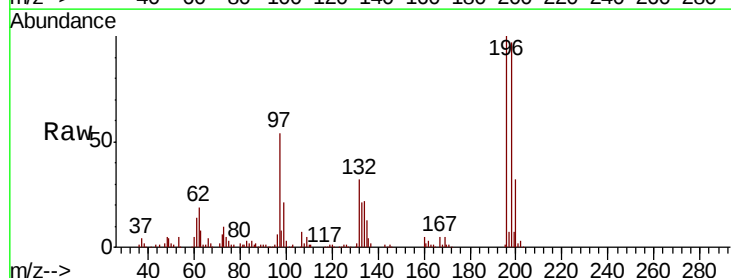
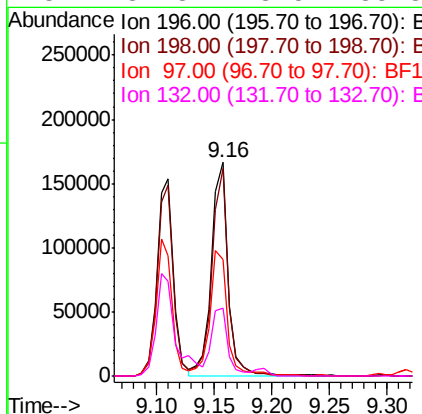
Manual Integrations
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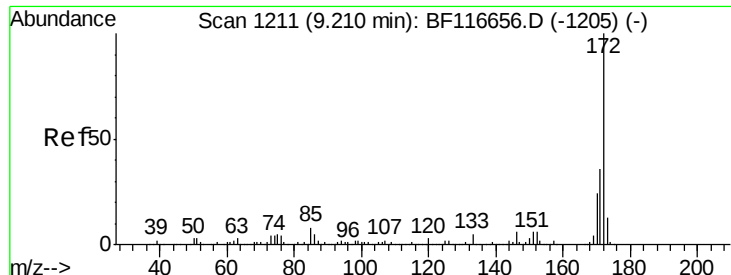
mohammad
 9/16/2019 8:57:01 AM



#44
 2,4,5-Trichlorophenol
 Concen: 56.427 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167080		
198	97.0	78.1	117.1	
97	54.4	41.6	62.4	
132	31.8	23.5	35.3	





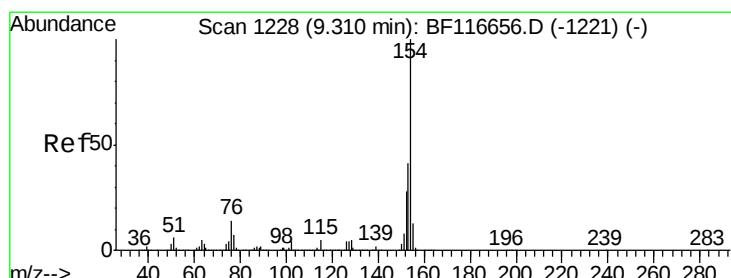
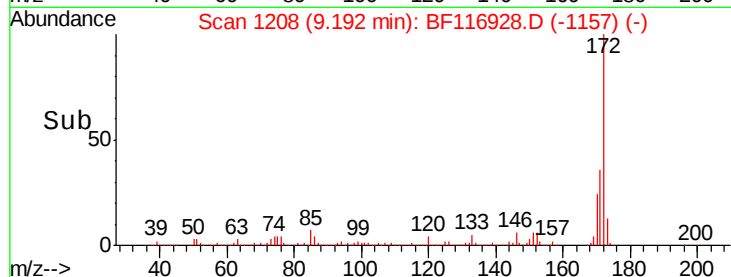
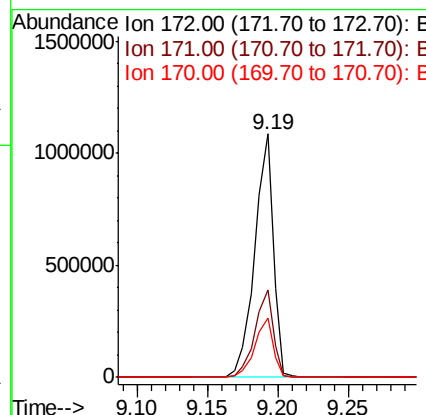
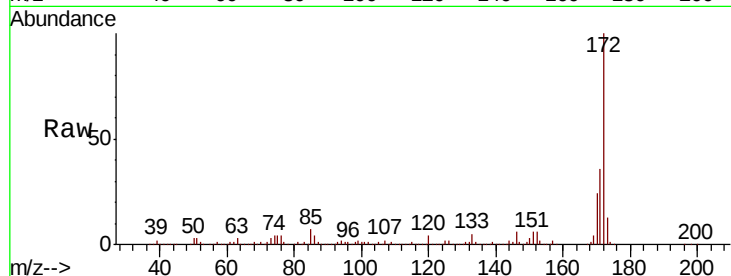
#45
2-Fluorobiphenyl
Concen: 98.517 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	24.1	18.9	28.3

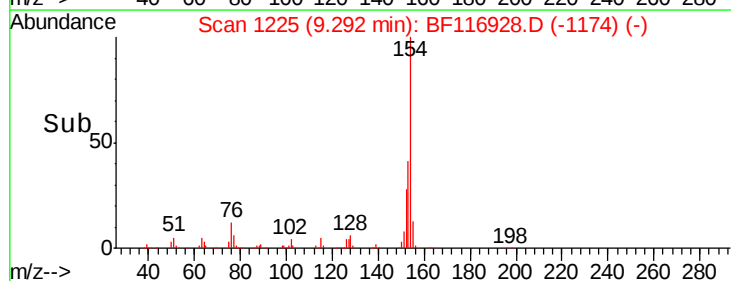
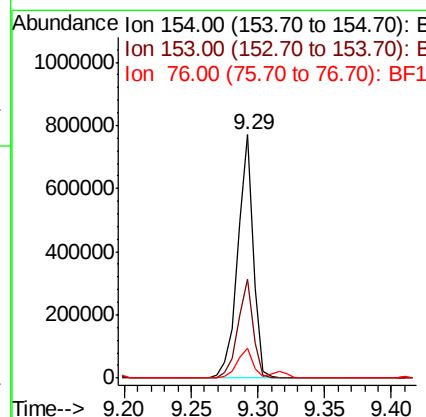
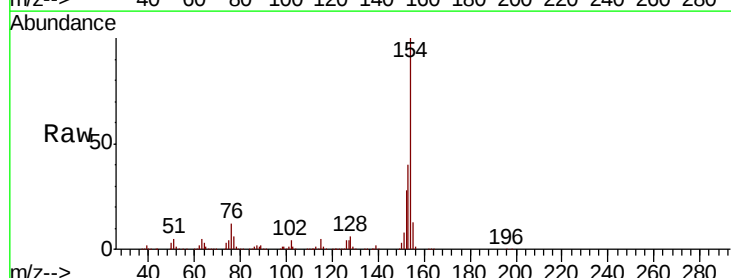
Manual Integrations
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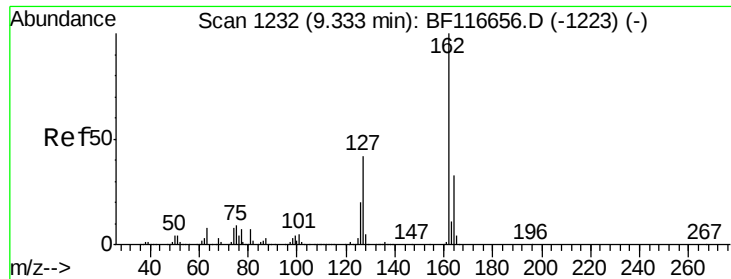
mohammad
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#46
1,1'-Biphenyl
Concen: 48.222 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.2	61.2
76	12.1	0.0	30.9





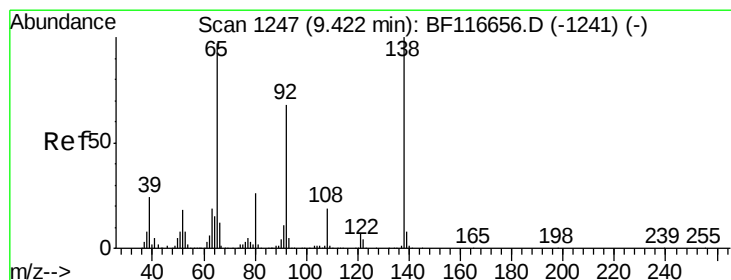
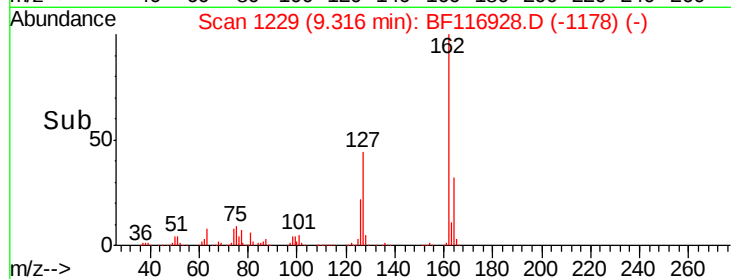
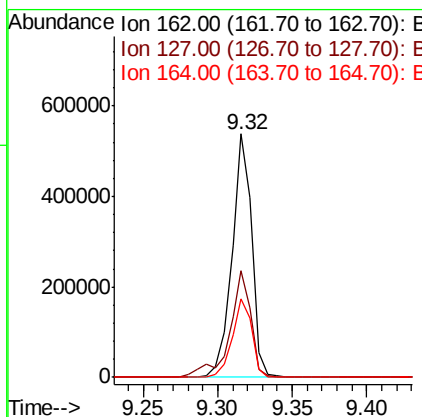
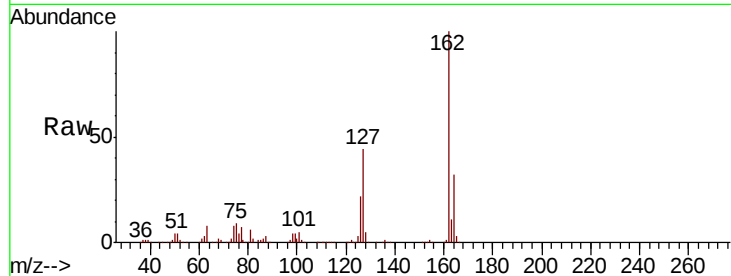
#47
 2-Chloronaphthalene
 Concen: 48.203 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MSD

Tot Ion:	162	Resp:	502828
Ion Ratio	Lower	Upper	
162	100		
127	43.9	33.4	50.2
164	32.3	26.6	39.8

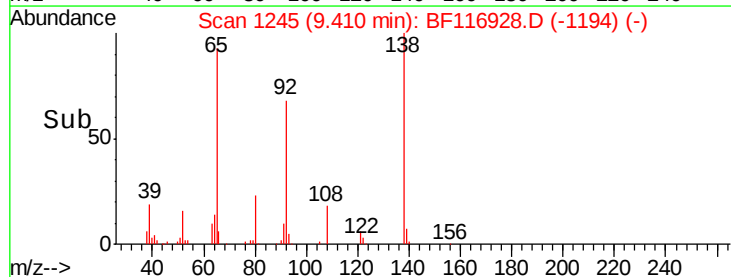
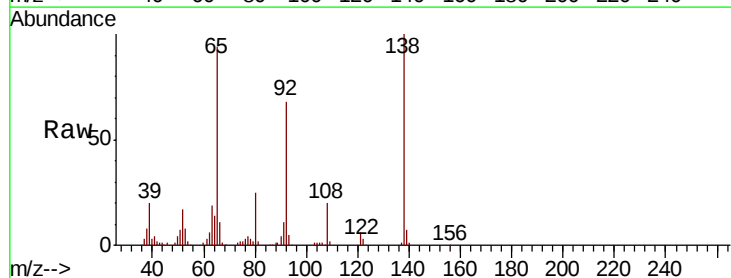
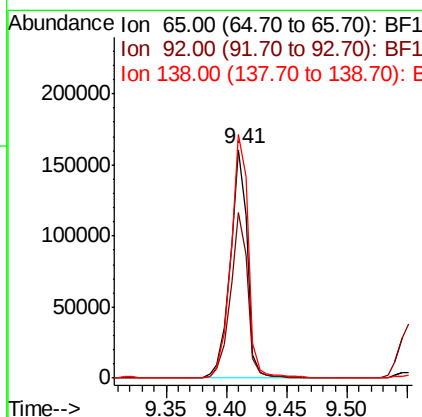
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#48
 2-Nitroaniline
 Concen: 52.218 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Tgt Ion:	65	Resp:	157475
Ion Ratio	Lower	Upper	
65	100		
92	72.4	57.1	85.7
138	106.7	88.2	132.2





#49

Acenaphthylene

Concen: 50.061 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Instrument :

BNA_F

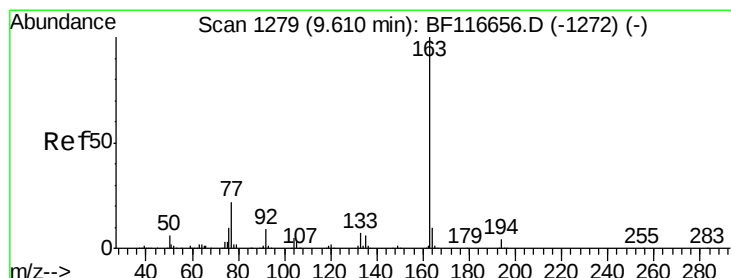
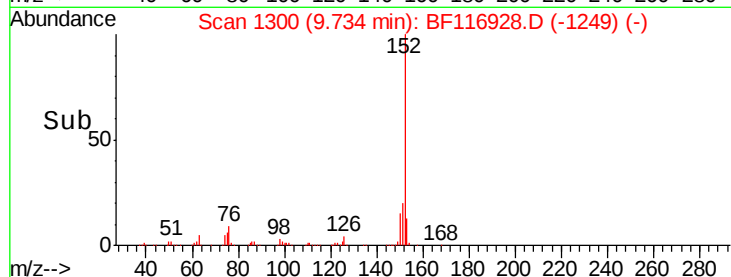
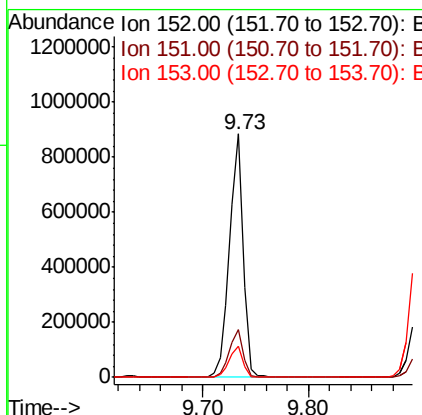
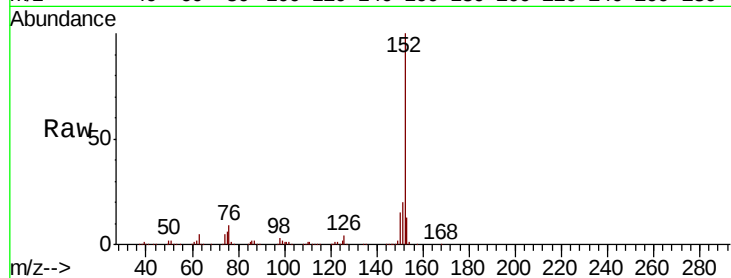
ClientSampleId :

AU-06-090519MSD

Tot Ion:	152	Resp:	789388
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	13.0	10.9	16.3

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#50

Dimethylphthalate

Concen: 53.758 ng

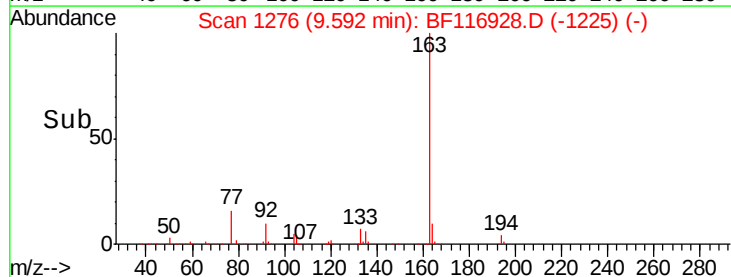
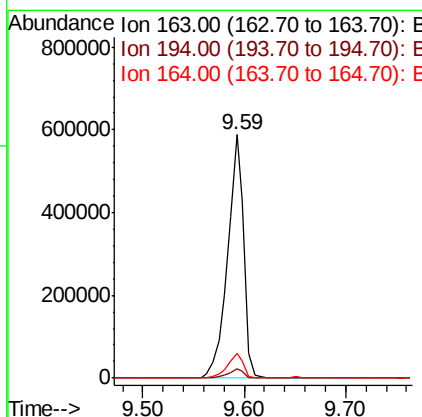
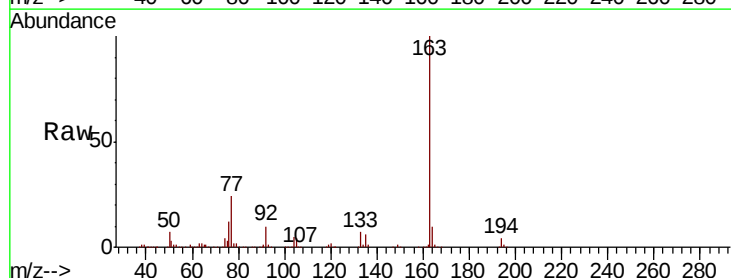
RT: 9.59 min Scan# 1276

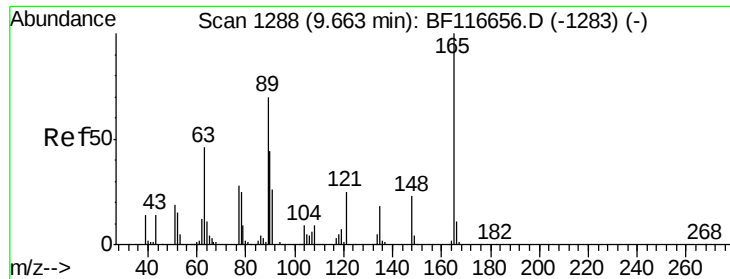
Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Tgt Ion:	163	Resp:	644171
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.8	4.2
164	10.4	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 58.709 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Instrument :

BNA_F

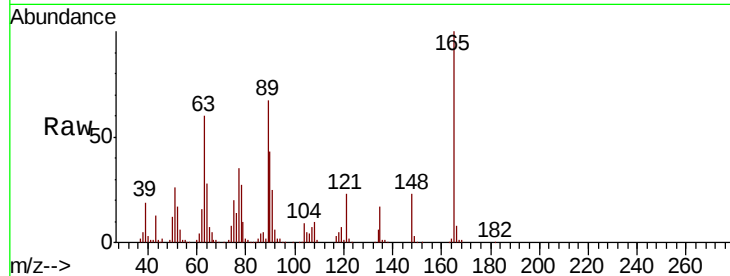
ClientSampleId :

AU-06-090519MSD

Tot Ion:	165	Resp:	134223
Ion Ratio	Lower	Upper	
165	100		
63	60.4	47.3	70.9
89	66.8	52.5	78.7

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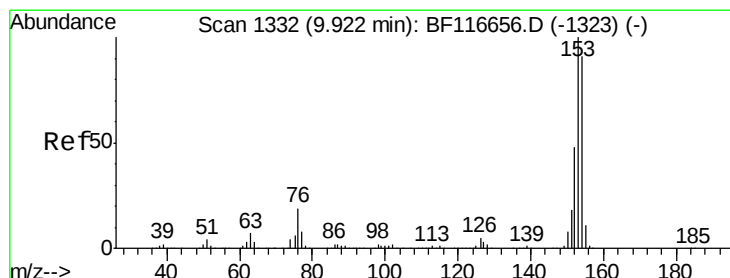
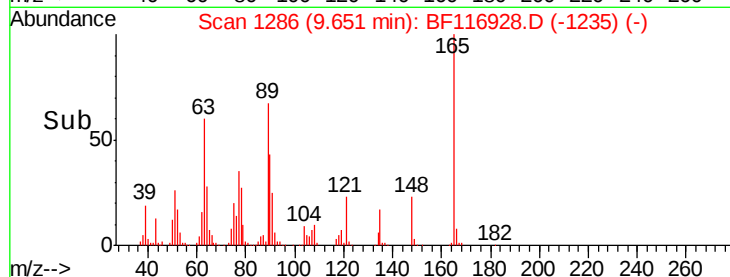
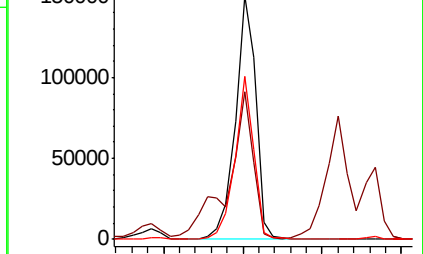
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 47.753 ng

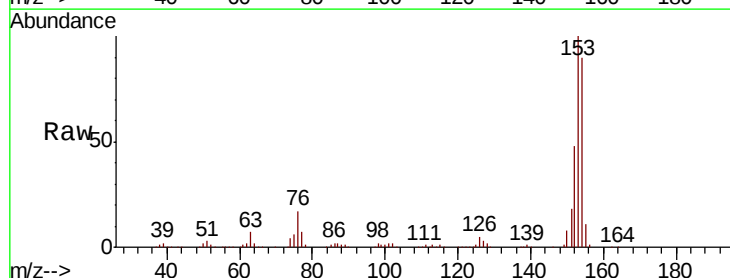
RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

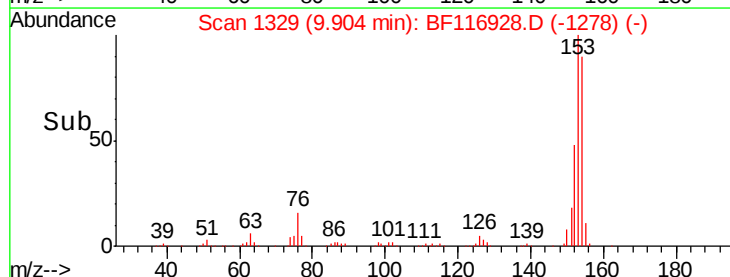
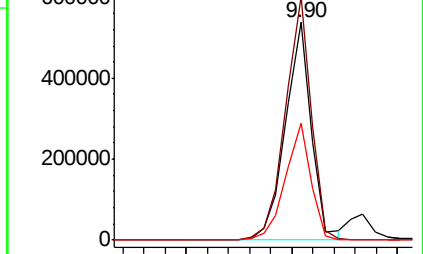
Tgt Ion:	154	Resp:	462660
Ion Ratio	Lower	Upper	
154	100		
153	111.7	89.5	134.3
152	53.6	41.9	62.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





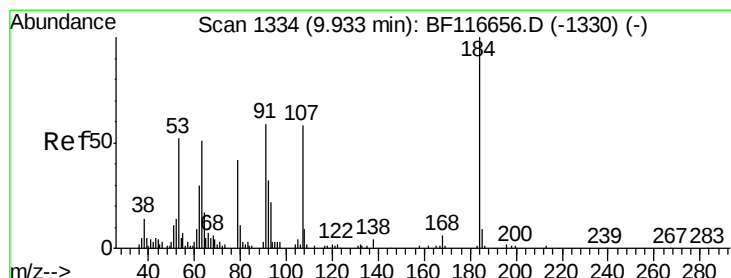
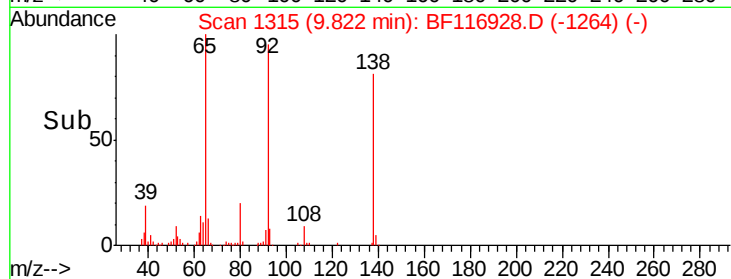
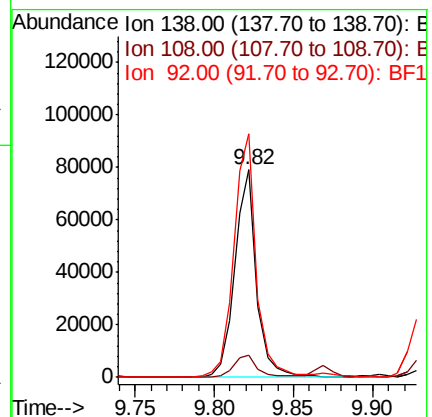
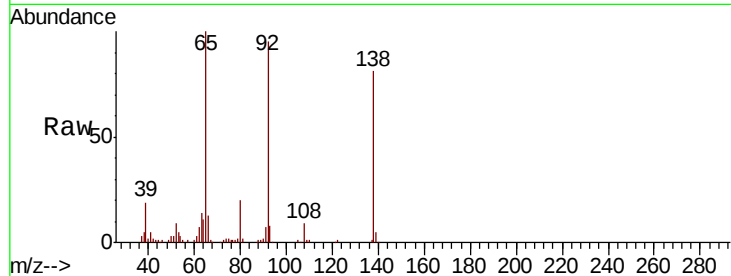
#53
3-Nitroaniline
Concen: 26.264 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.5	12.7
92	117.2	87.2	130.8

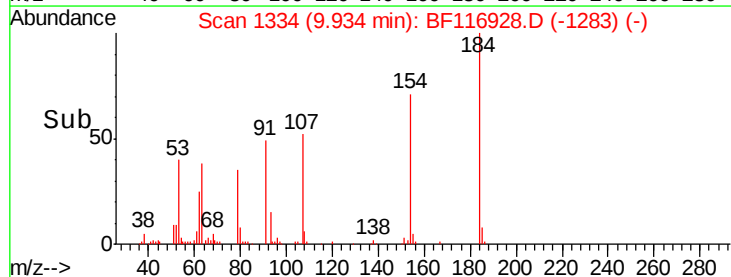
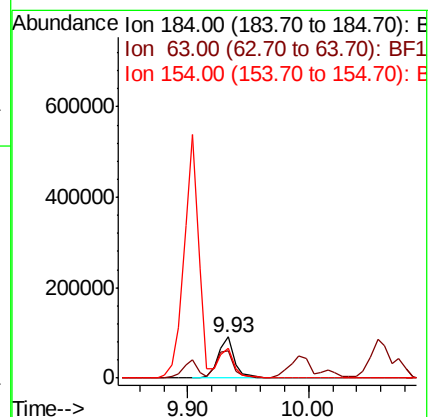
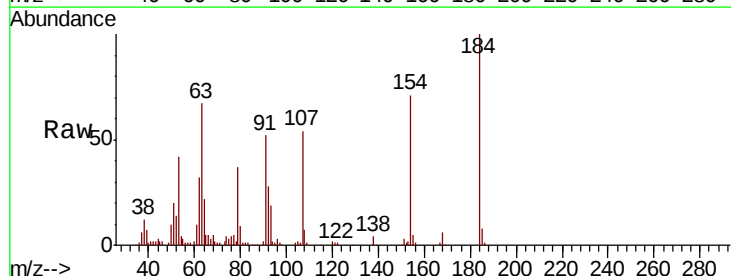
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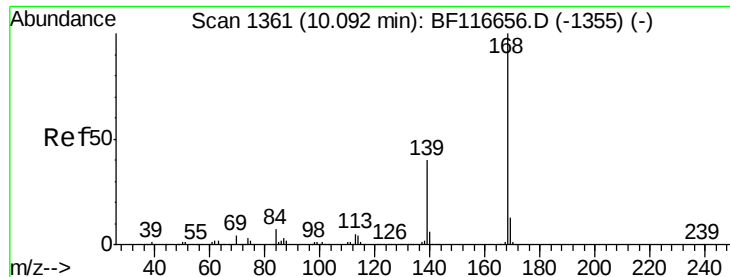
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#54
2,4-Dinitrophenol
Concen: 102.651 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.0	52.2	78.2
154	71.4	60.8	91.2





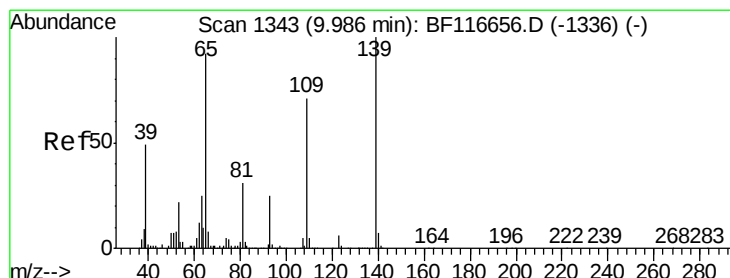
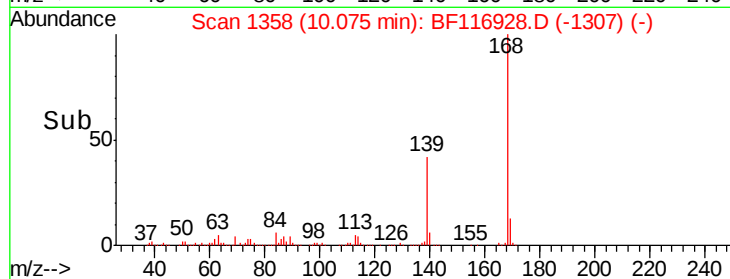
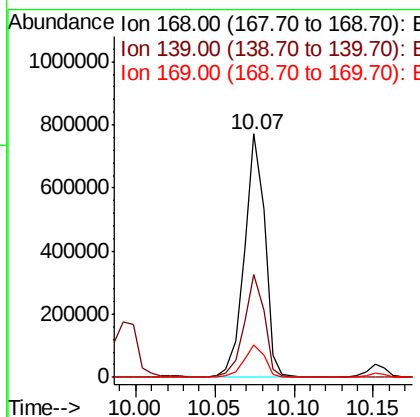
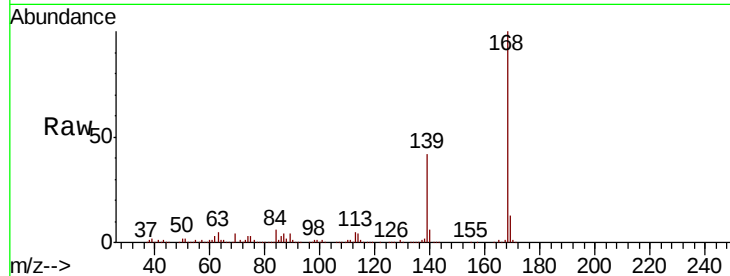
#55
Dibenzofuran
Concen: 50.272 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	31.5	47.3
169	13.3	10.3	15.5

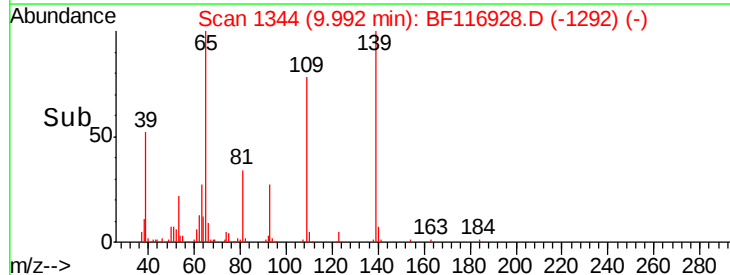
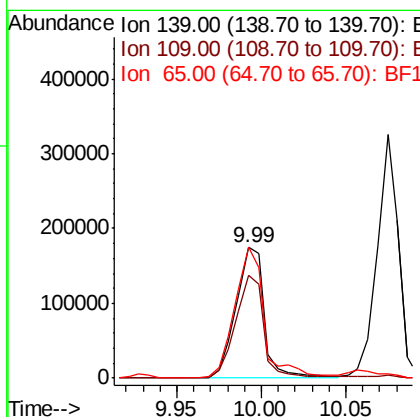
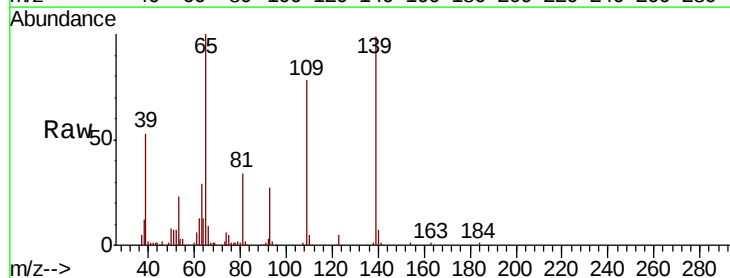
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#56
4-Nitrophenol
Concen: 104.258 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.5	61.7	101.7
65	100.7	89.1	129.1





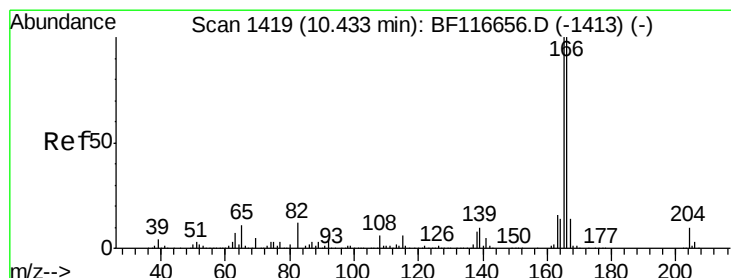
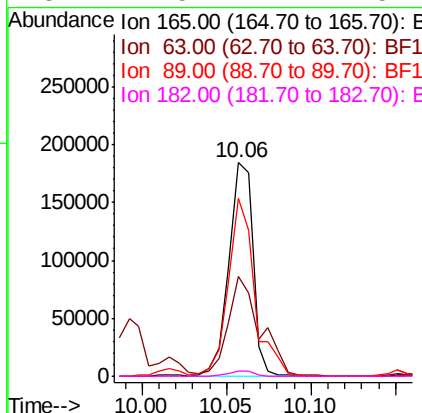
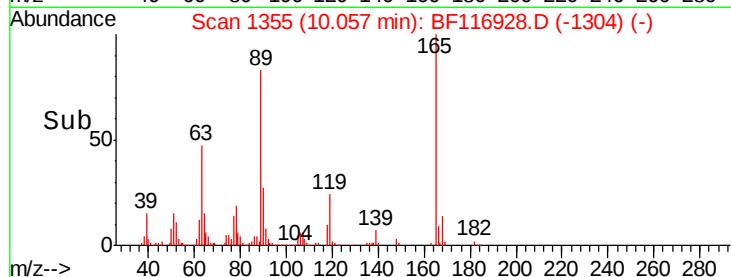
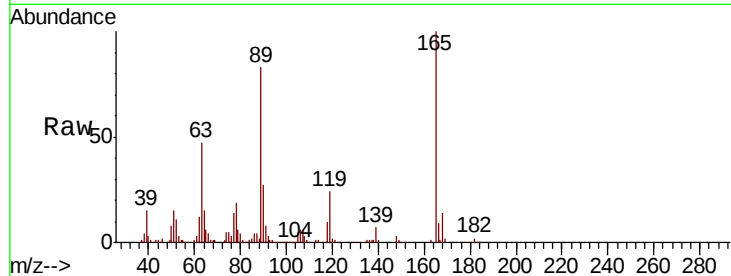
#57
2,4-Dinitrotoluene
Concen: 65.404 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		182839		
63	47.0	36.4	54.6		
89	83.1	62.6	94.0		
182	2.5	2.1	3.1		

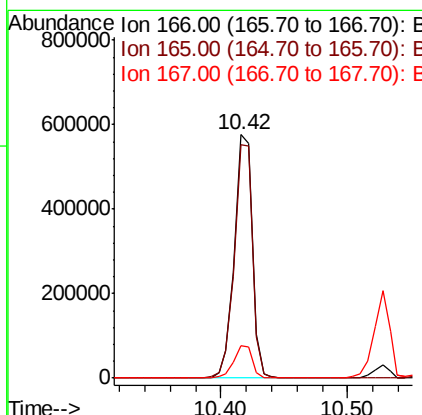
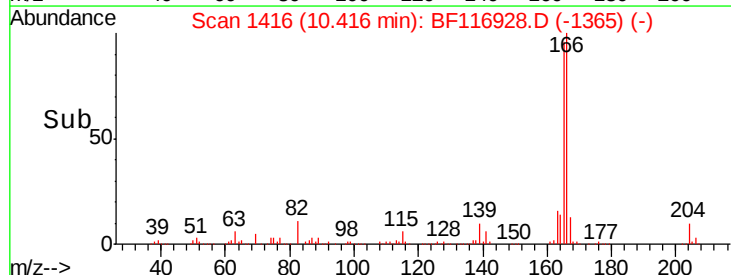
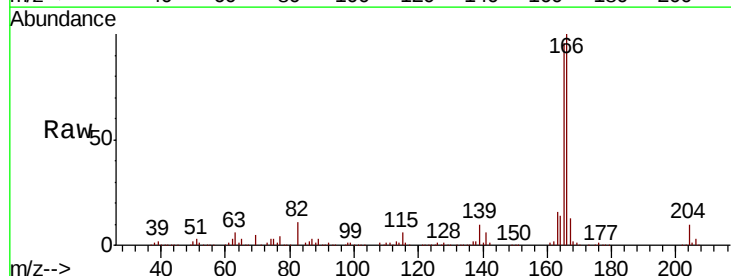
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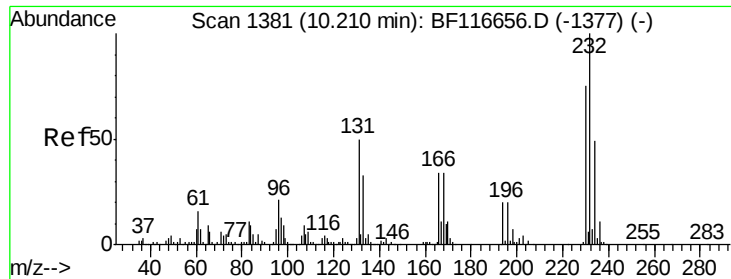
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#58
Fluorene
Concen: 53.789 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		559782		
165	95.7	78.8	118.2		
167	13.3	10.0	15.0		





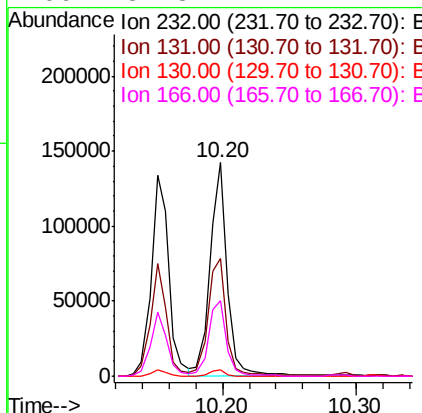
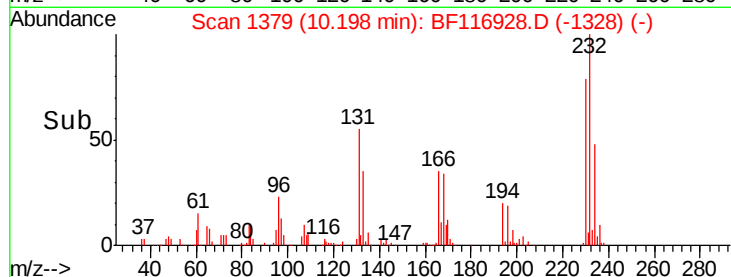
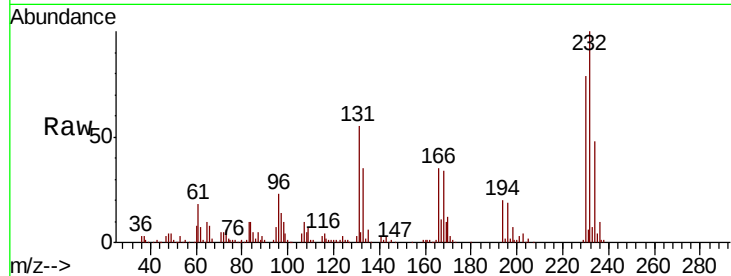
#59
2,3,4,6-Tetrachlorophenol
Concen: 60.190 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	128625		
131	56.9	42.7	64.1	
130	2.5	1.9	2.9	
166	37.3	27.4	41.2	

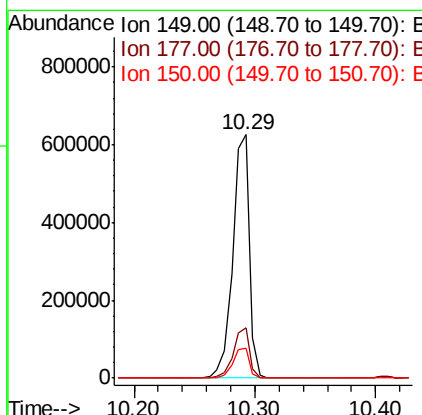
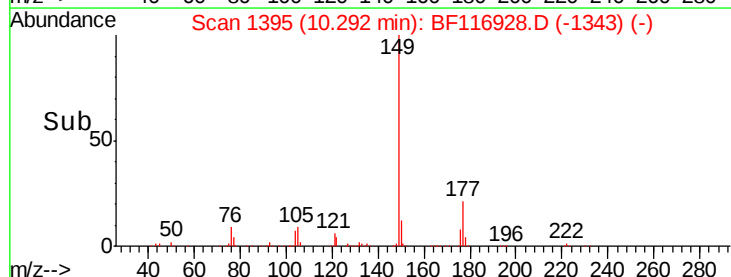
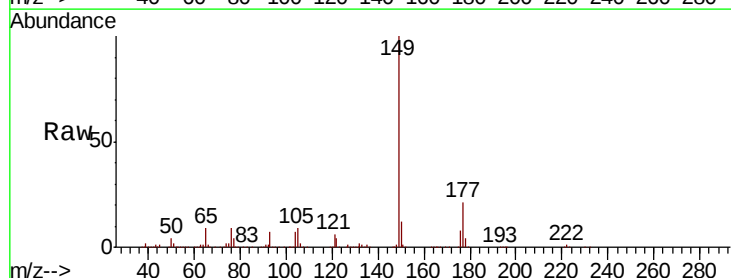
Manual Integrations
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#60
Diethylphthalate
Concen: 50.042 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	600664		
177	20.8	17.2	25.8	
150	12.3	9.7	14.5	





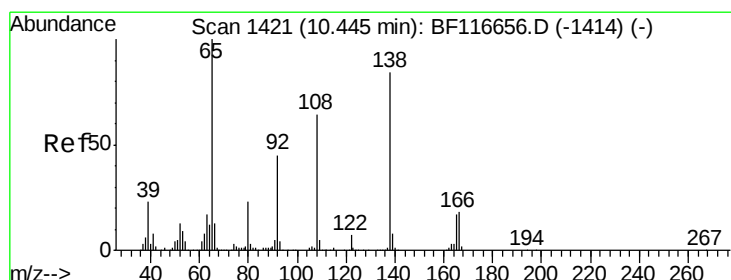
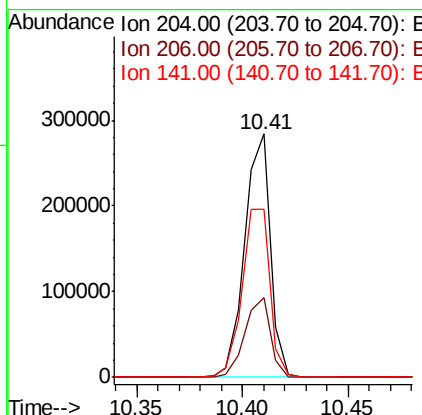
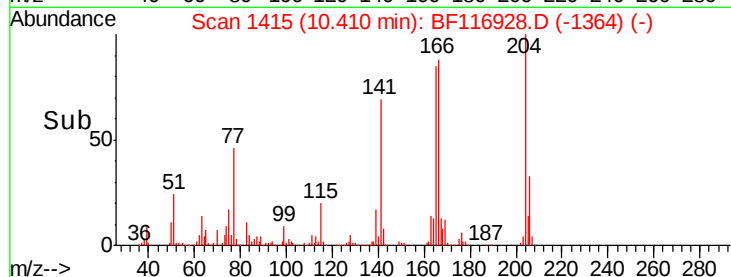
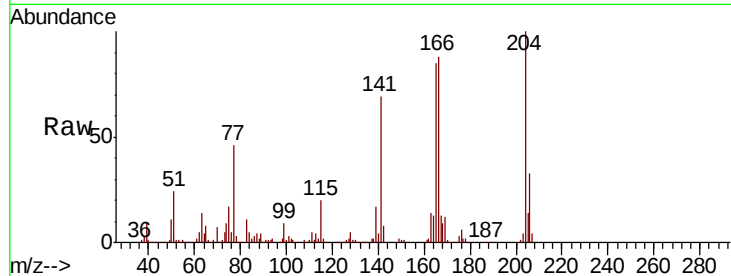
#61
4-Chlorophenyl-phenylether
Concen: 52.810 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	240667		
206	32.9	25.4	38.2	
141	69.2	53.8	80.8	

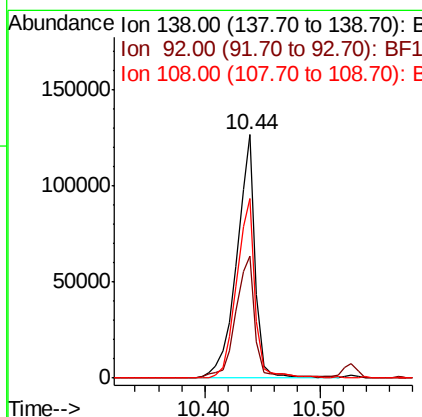
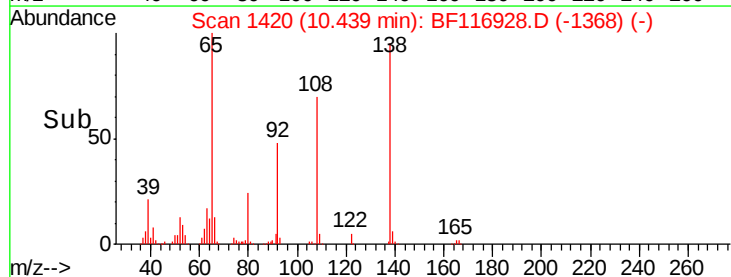
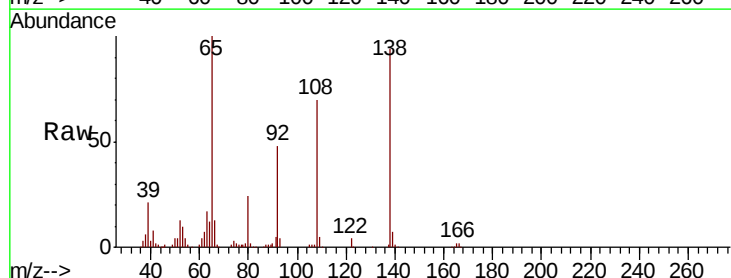
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#62
4-Nitroaniline
Concen: 50.600 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	140693		
92	50.3	28.7	68.7	
108	74.0	60.4	100.4	





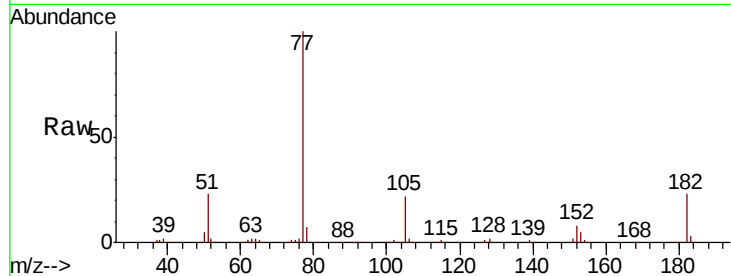
#63
Azobenzene
Concen: 49.212 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

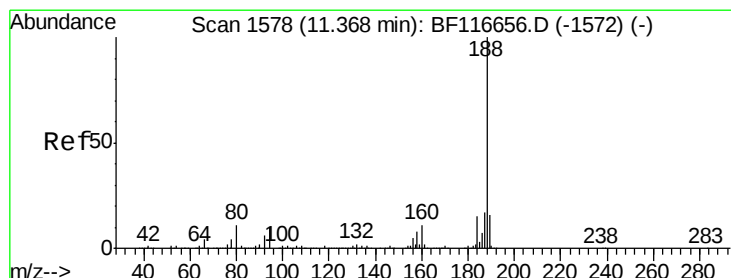
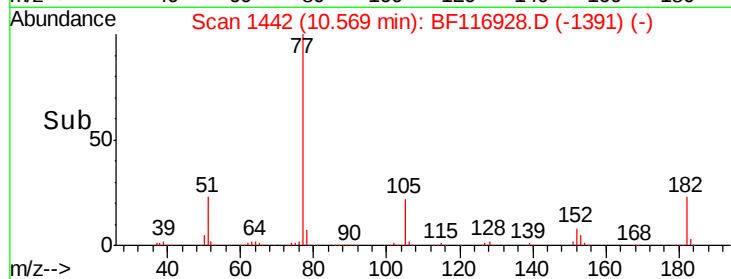
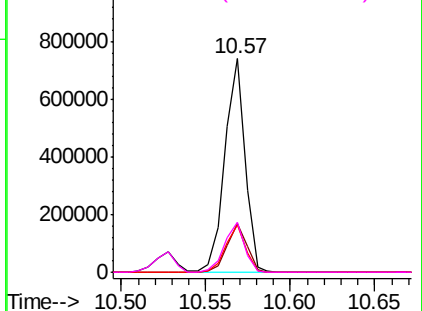
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		615939		
182	22.6	1.2	41.2		
105	22.3	0.6	40.6		
51	23.4	8.2	48.2		

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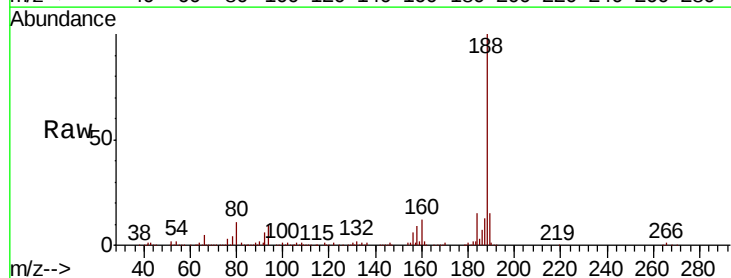


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

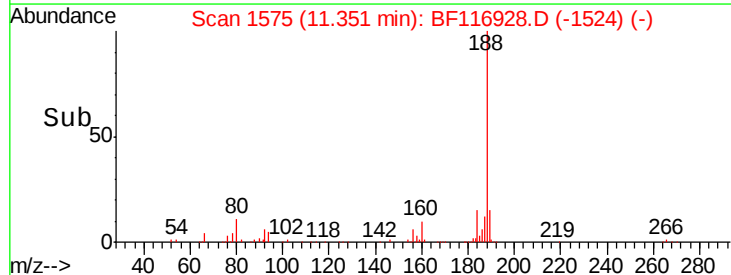
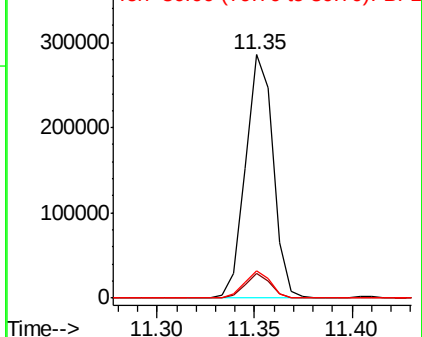


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		280627		
94	10.0	7.3	10.9		
80	11.3	8.4	12.6		



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





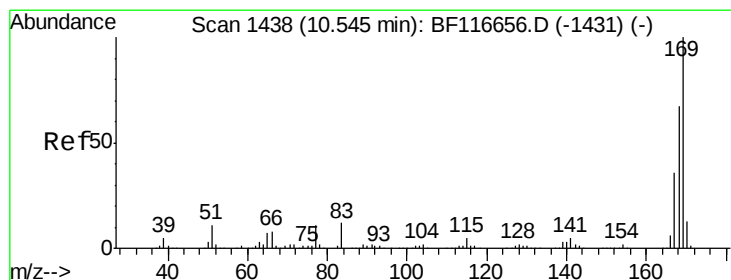
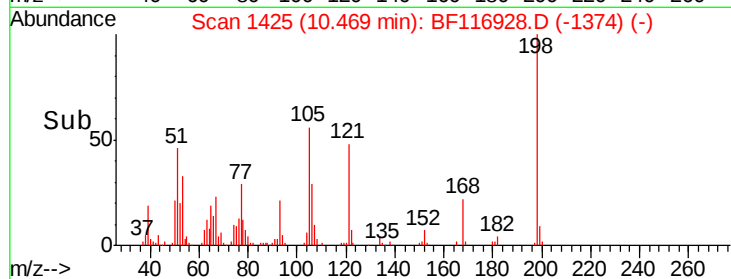
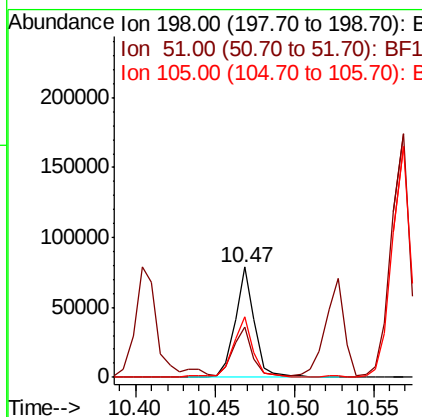
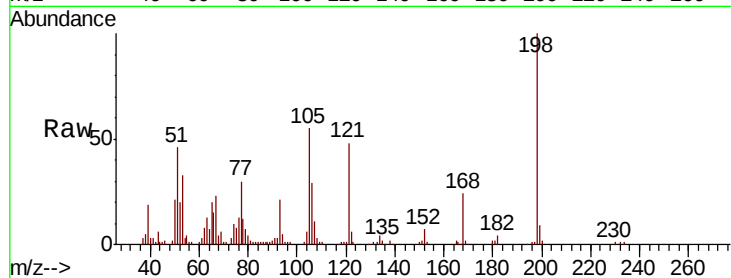
#65
4,6-Dinitro-2-methylphenol
Concen: 61.645 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.9	18.4	58.4
105	55.0	22.9	62.9

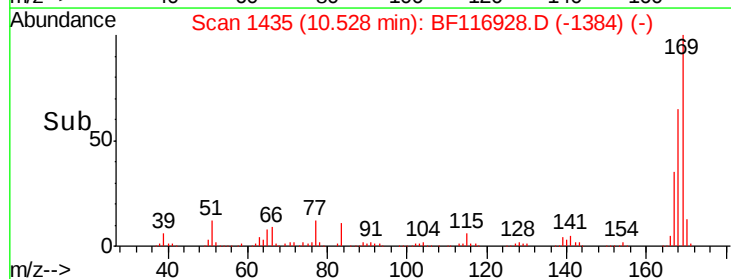
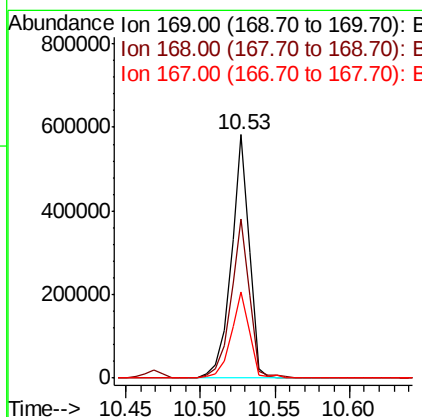
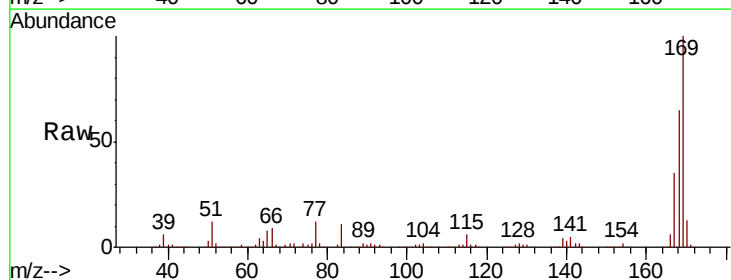
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#66
n-Nitrosodiphenylamine
Concen: 51.039 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.3	55.8	83.6
167	35.5	29.4	44.2





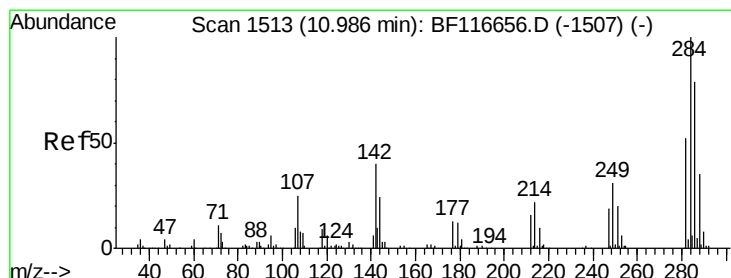
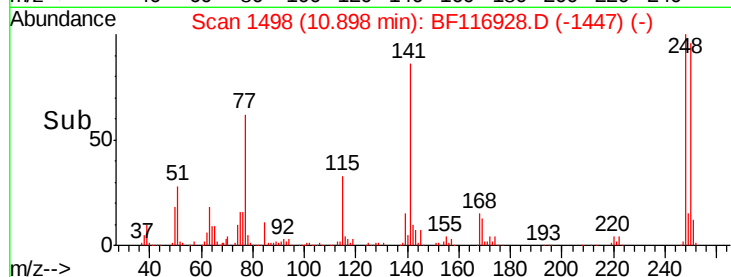
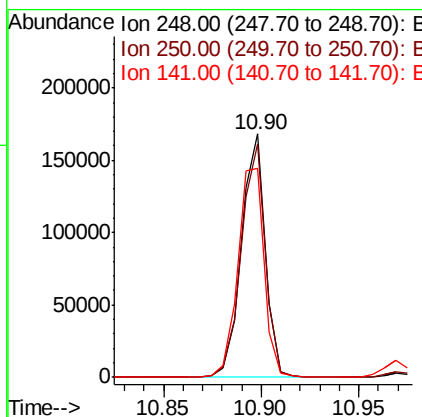
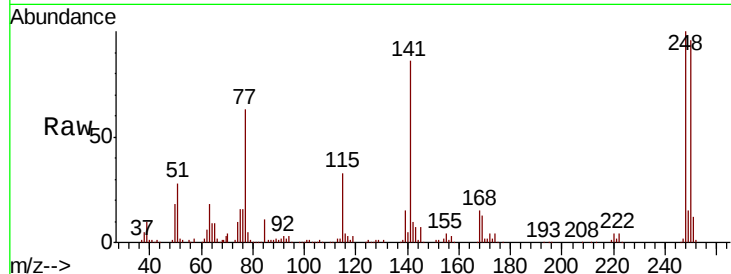
#67
4-Bromophenyl-phenylether
Concen: 49.834 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.8	116.8
141	85.9	75.9	113.9

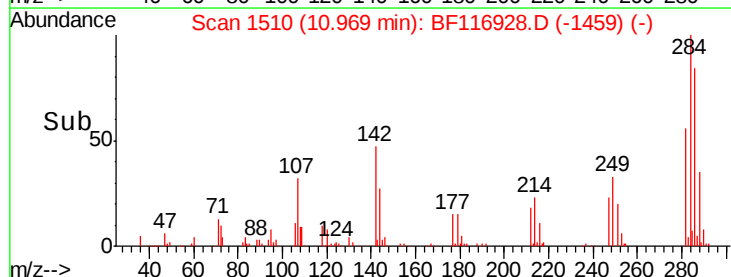
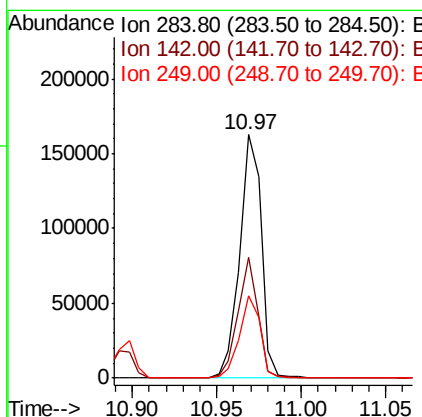
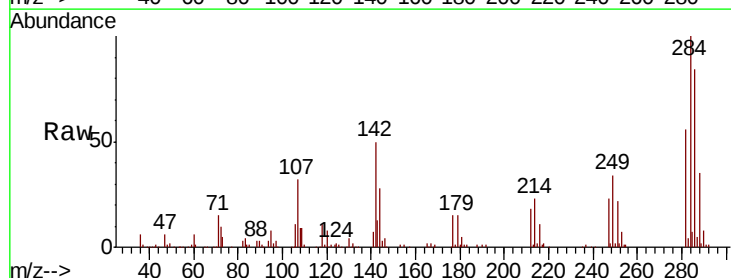
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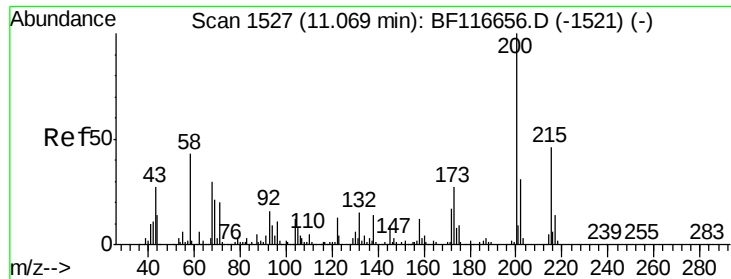
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#68
Hexachlorobenzene
Concen: 48.917 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	49.5	34.0	51.0
249	33.6	26.4	39.6





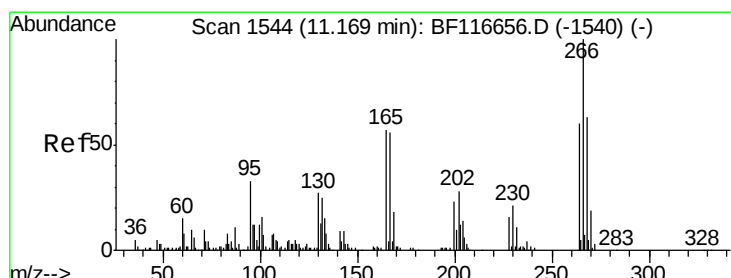
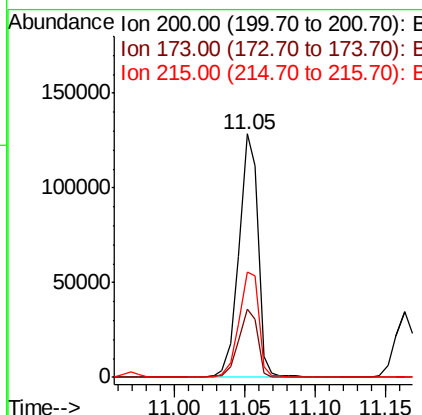
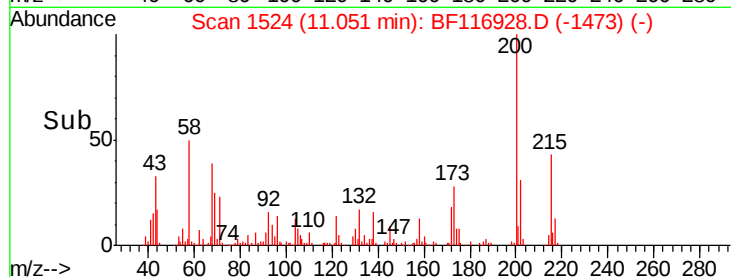
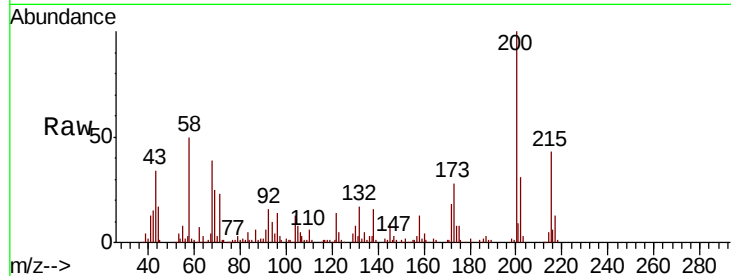
#69
Atrazine
Concen: 44.620 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	121319		
173	27.8	6.2	46.2	
215	43.0	24.3	64.3	

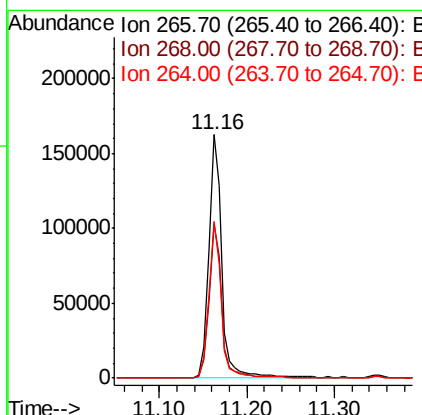
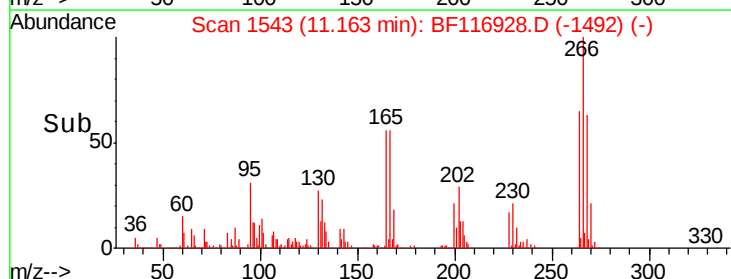
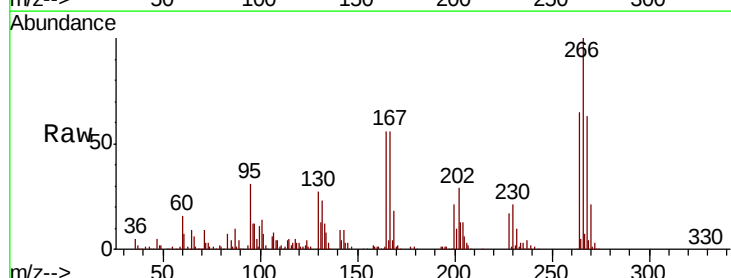
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#70
Pentachlorophenol
Concen: 117.332 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	169293		
268	63.1	51.2	76.8	
264	64.6	51.9	77.9	





#71

Phenanthrene

Concen: 51.243 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Instrument :

BNA_F

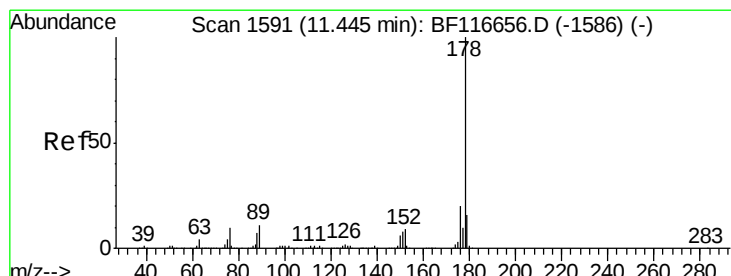
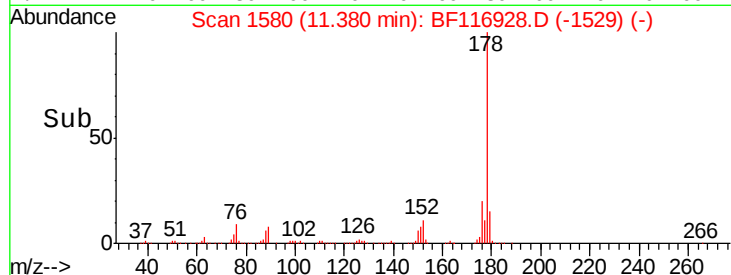
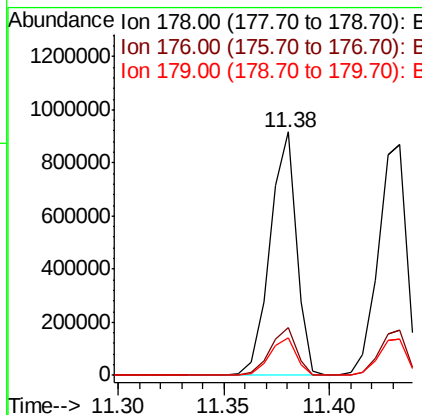
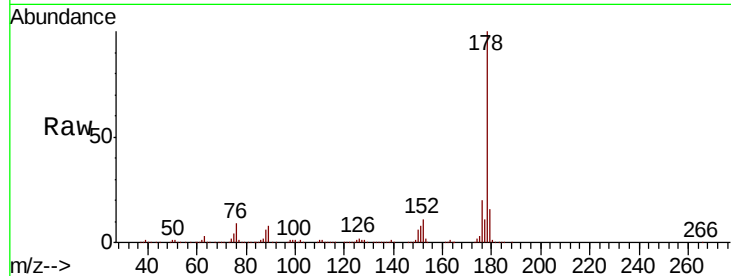
ClientSampleId :

AU-06-090519MSD

Tot Ion:178	Resp:	800499
Ion Ratio	Lower	Upper
178	100	
176	19.6	15.4 23.0
179	15.6	12.2 18.2

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#72

Anthracene

Concen: 52.382 ng

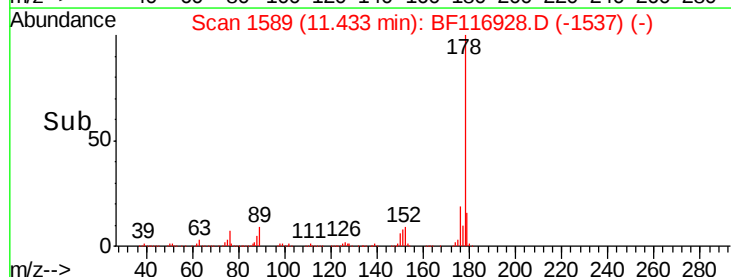
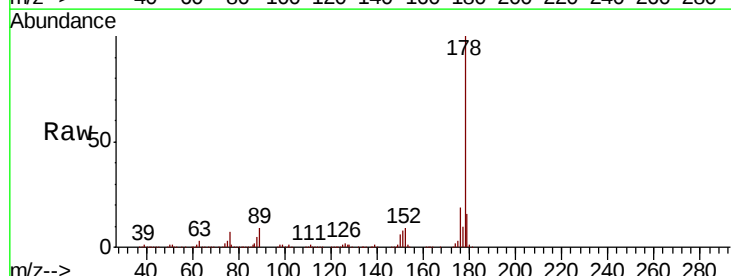
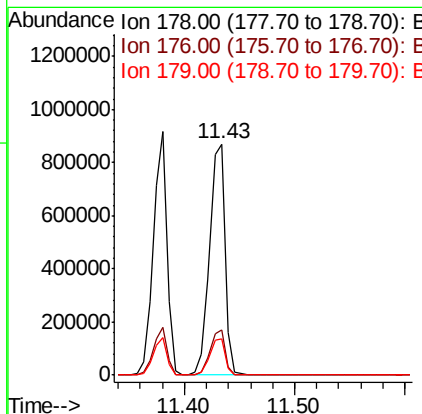
RT: 11.43 min Scan# 1589

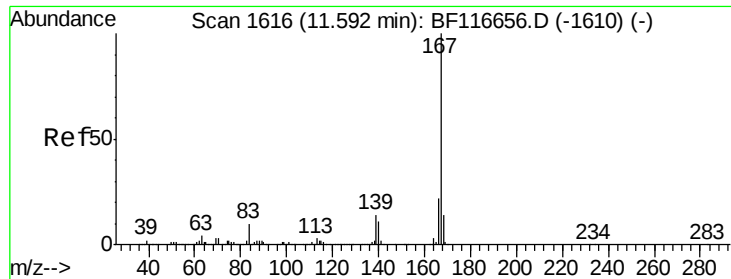
Delta R.T. 0.01 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Tgt Ion:178	Resp:	823718
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.4 23.0
179	15.5	12.5 18.7





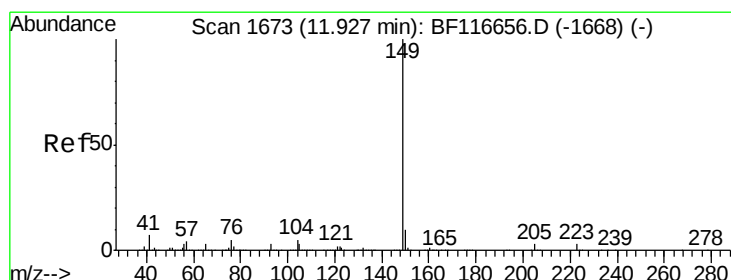
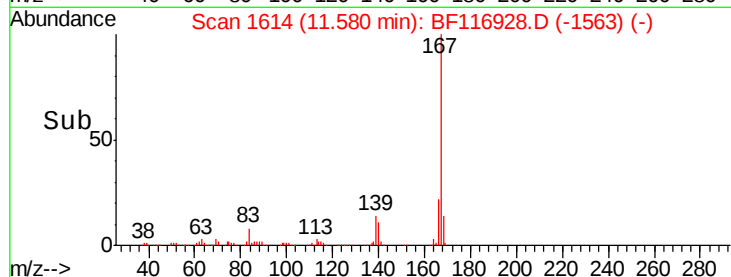
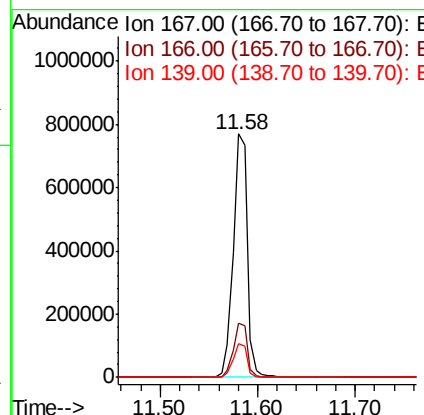
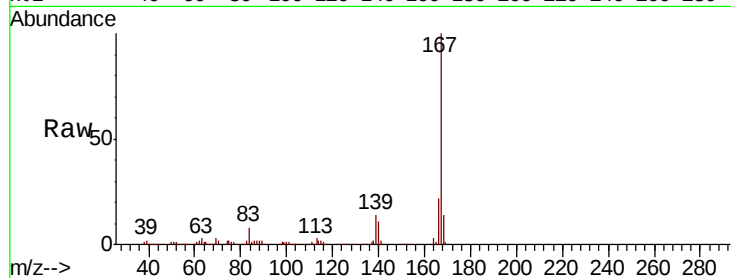
#73
 Carbazole
 Concen: 51.554 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	14.0	11.1	16.7

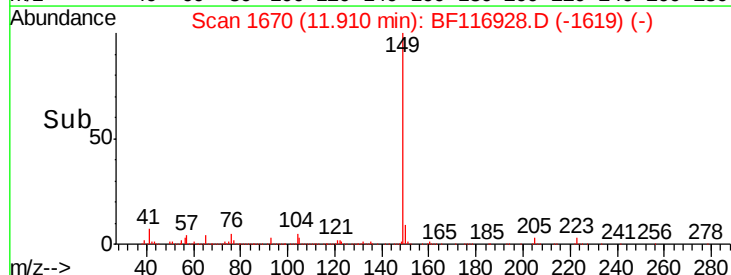
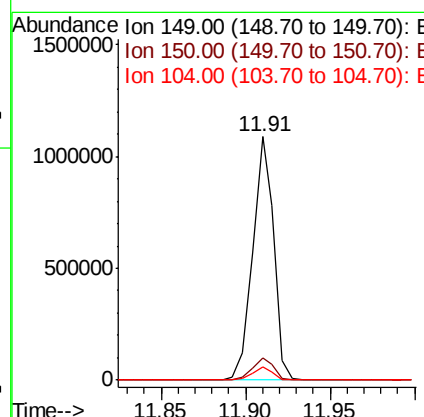
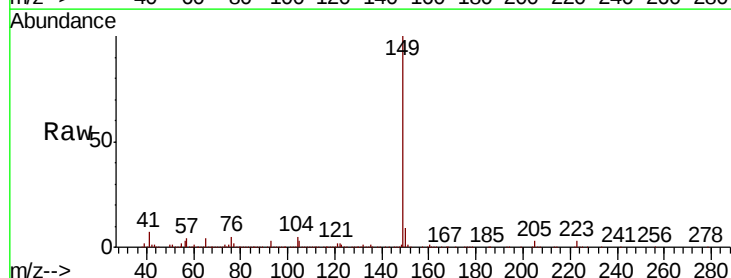
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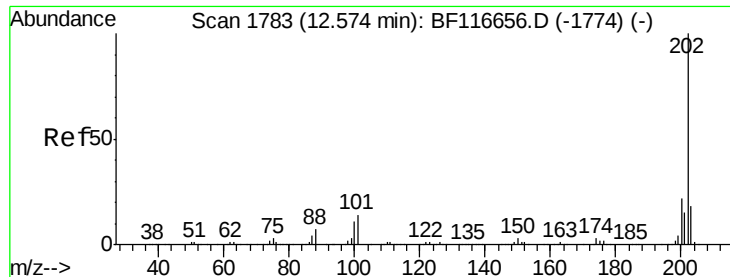
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#74
 Di-n-butylphthalate
 Concen: 49.293 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.5	4.2	6.2





#75

Fluoranthene

Concen: 52.737 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Instrument :

BNA_F

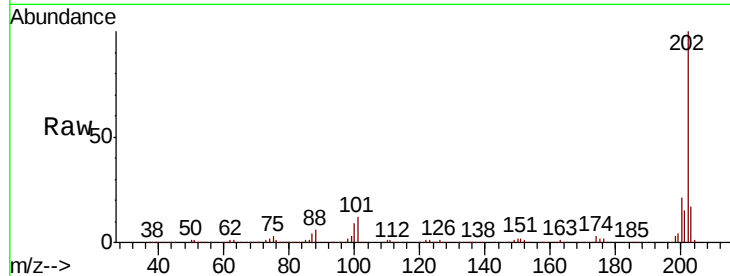
ClientSampleId :

AU-06-090519MSD

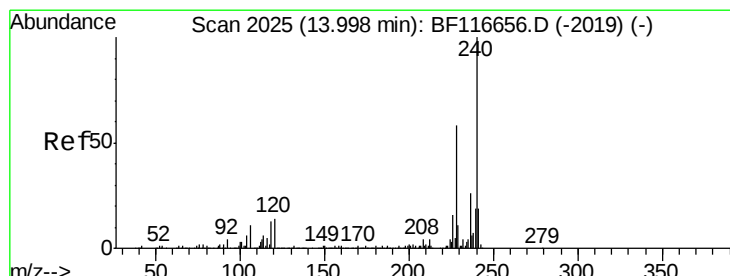
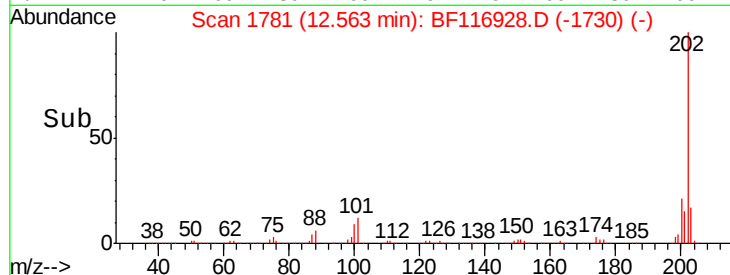
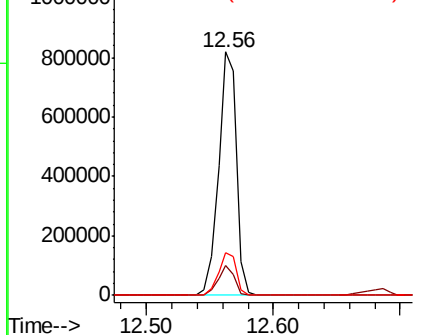
Tot Ion	Ratio	Resp	Lower	Upper
202	100	809620		
101	12.4	0.0	31.3	
203	17.3	0.0	37.6	

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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

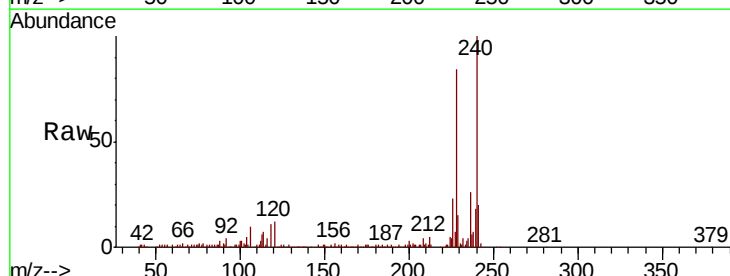
RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

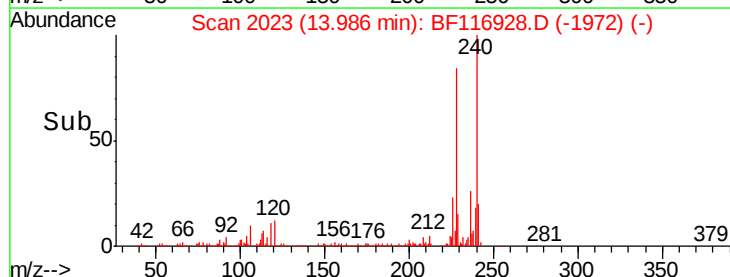
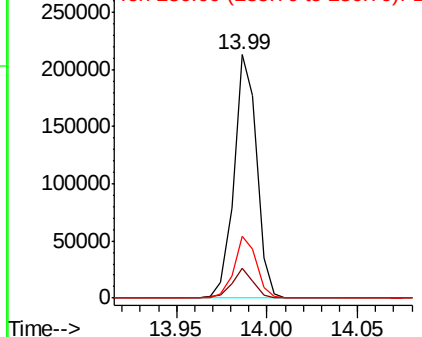
Lab File: BF116928.D

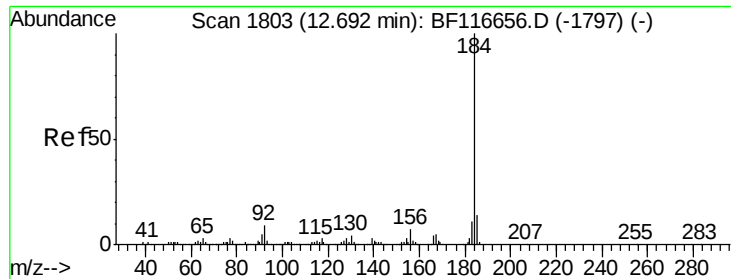
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	185705		
120	12.4	9.1	13.7	
236	25.6	21.1	31.7	



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: 0.910 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Instrument :

BNA_F

ClientSampleId :

AU-06-090519MSD

Tot Ion:184 Resp: 6627

Ion Ratio Lower Upper

184 100

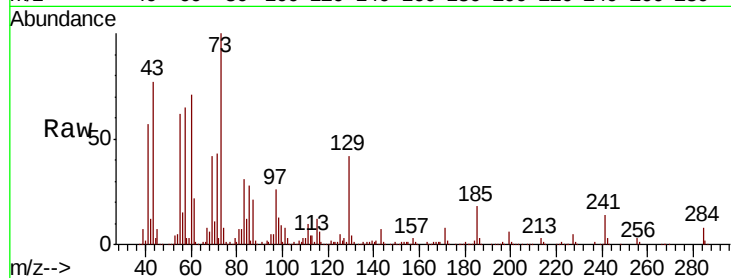
185 1120.4 11.3 16.9

183 27.7 9.2 13.8

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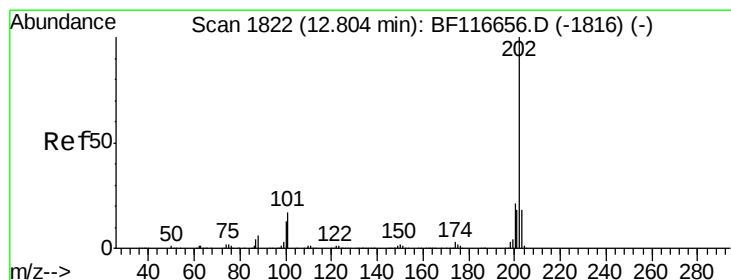
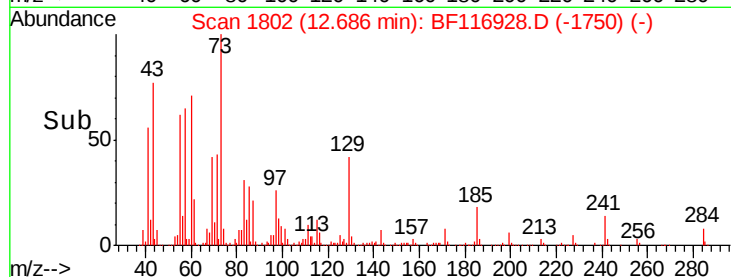
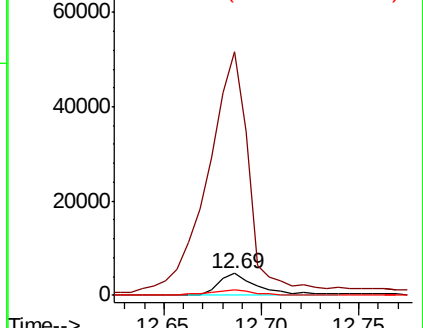
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.861 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

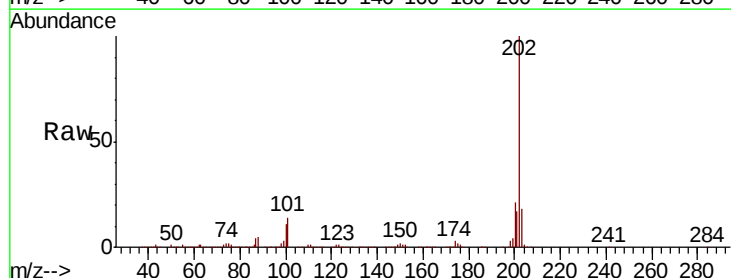
Tgt Ion:202 Resp: 806587

Ion Ratio Lower Upper

202 100

200 21.0 16.5 24.7

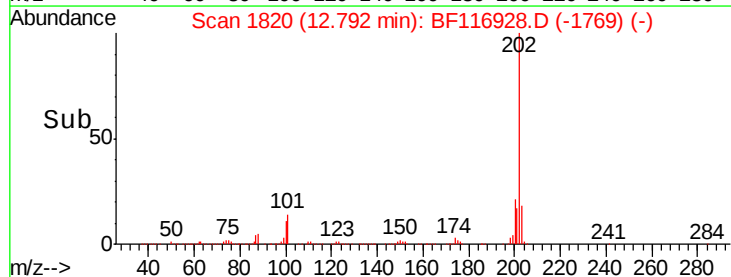
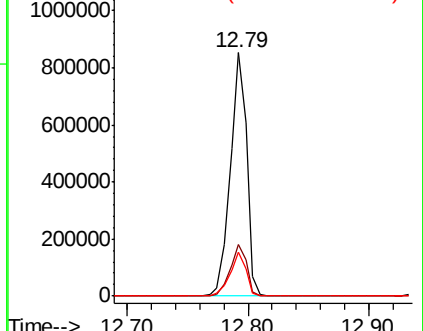
203 17.9 13.7 20.5

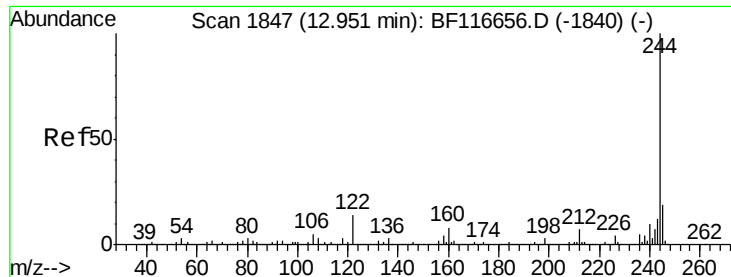


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





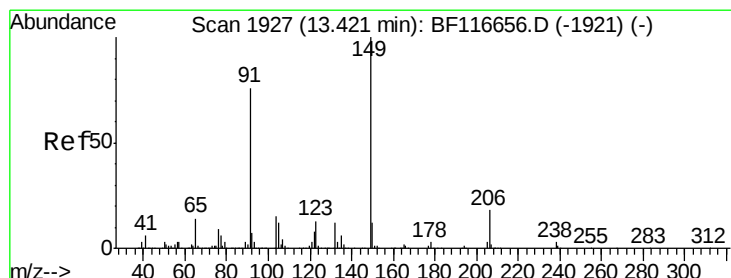
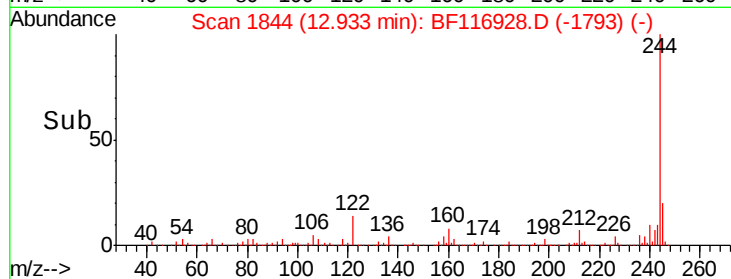
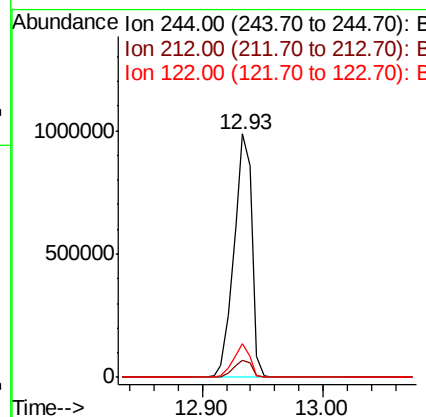
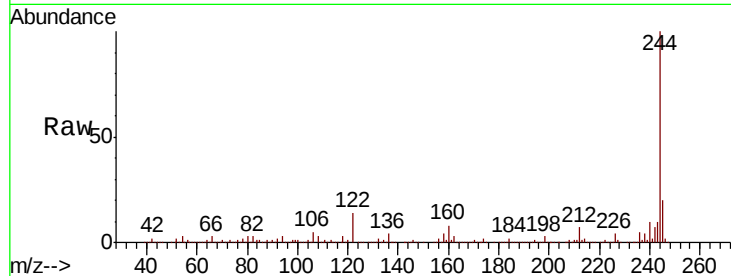
#79
 Terphenyl-d14
 Concen: 100.642 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	14.0	10.2	15.4

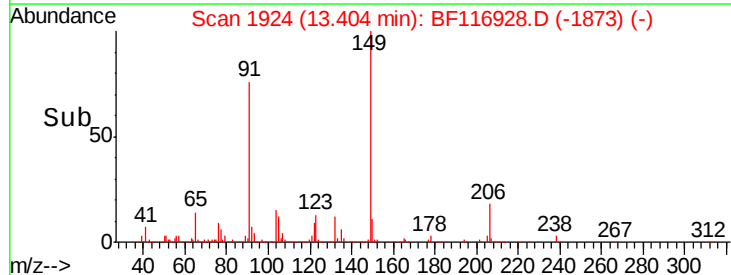
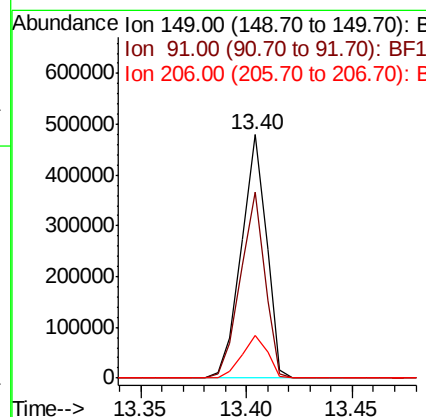
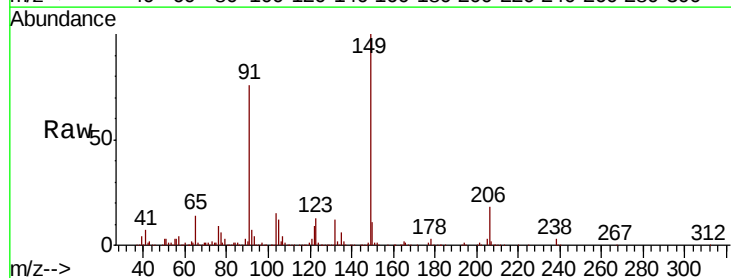
Manual Integrations
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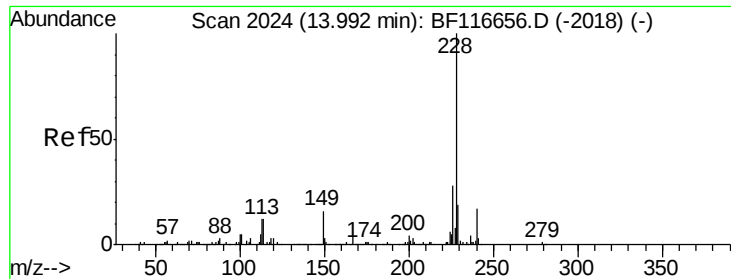
mohammad
 9/16/2019 8:57:01 AM



#80
 Butylbenzylphthalate
 Concen: 48.933 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.5	61.0	91.4
206	17.6	14.8	22.2





#81

Benzo(a)anthracene

Concen: 50.489 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Instrument :

BNA_F

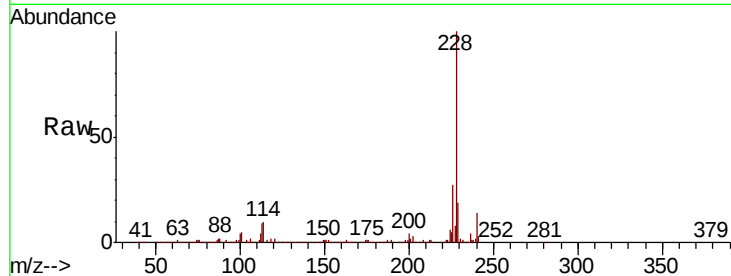
ClientSampleId :

AU-06-090519MSD

Tot Ion:	228	Resp:	593408
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.0	33.0
229	19.3	16.4	24.6

Manual Integrations
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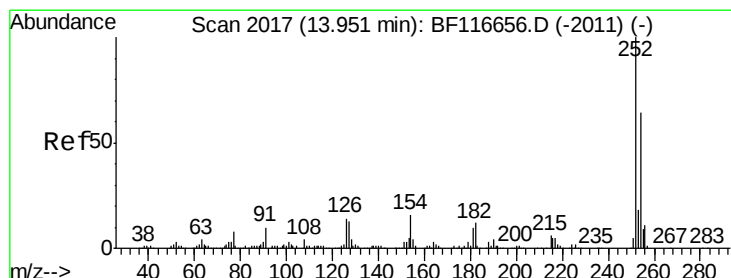
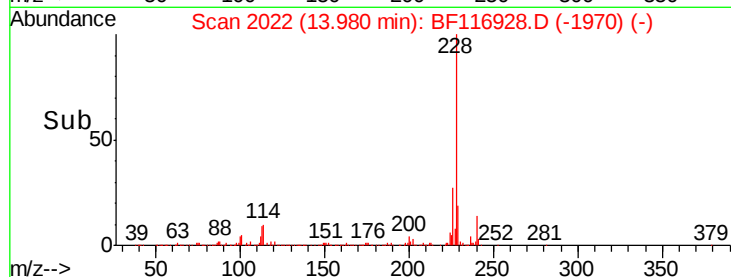
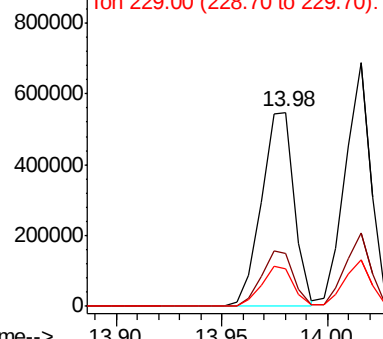


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.994 ng

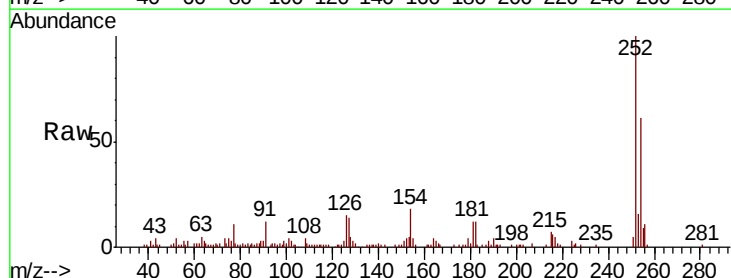
RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Tgt Ion:	252	Resp:	63528
Ion Ratio	Lower	Upper	
252	100		
254	61.5	50.1	75.1
126	14.8	10.6	16.0

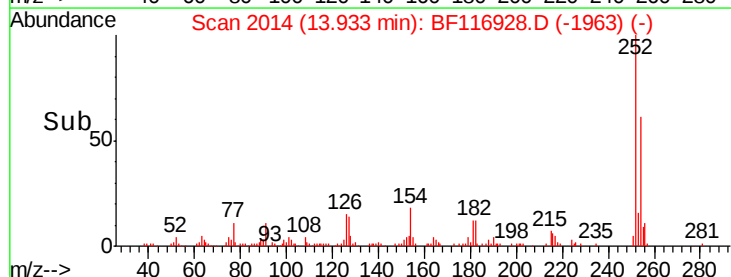
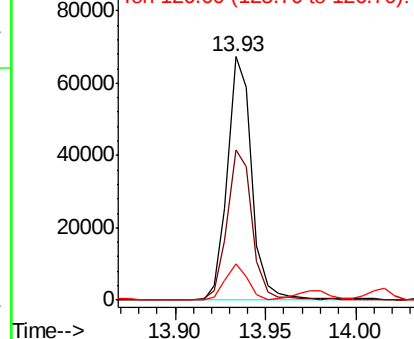


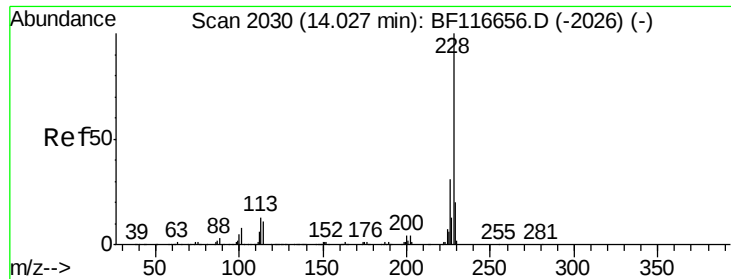
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





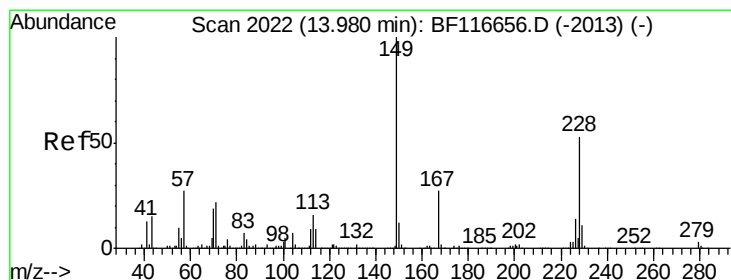
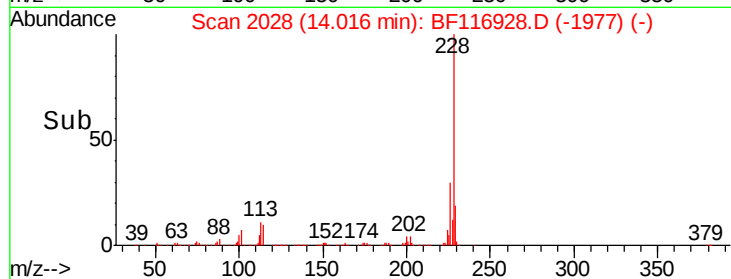
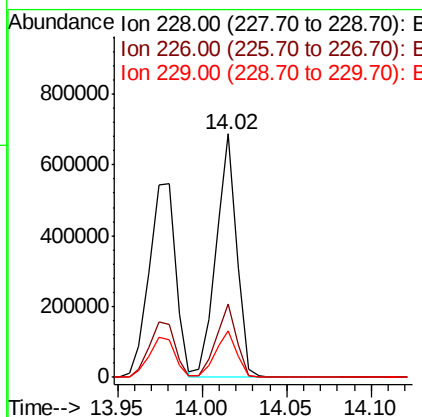
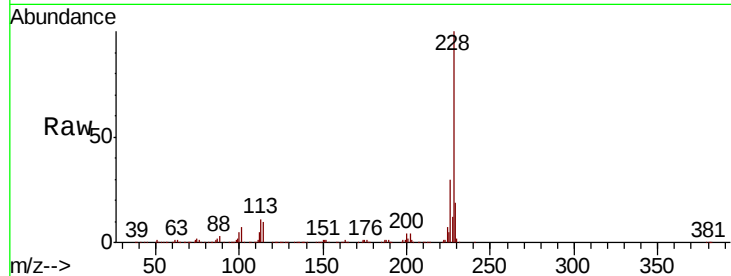
#83
 Chrvsene
 Concen: 48.537 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	19.3	15.4	23.0

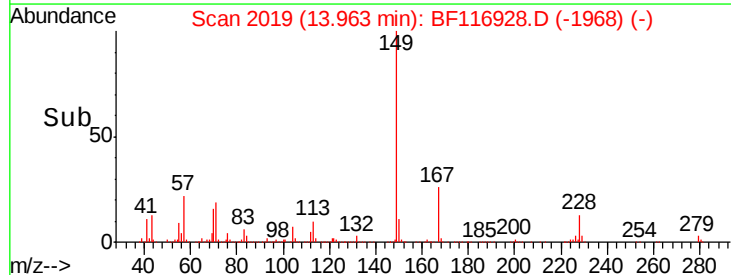
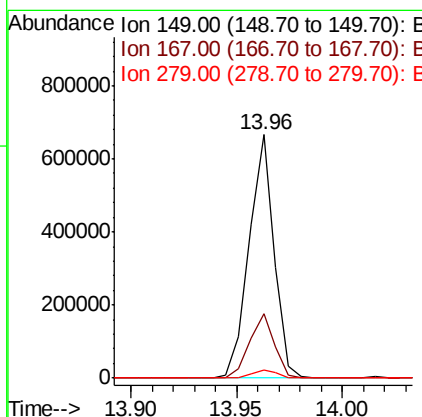
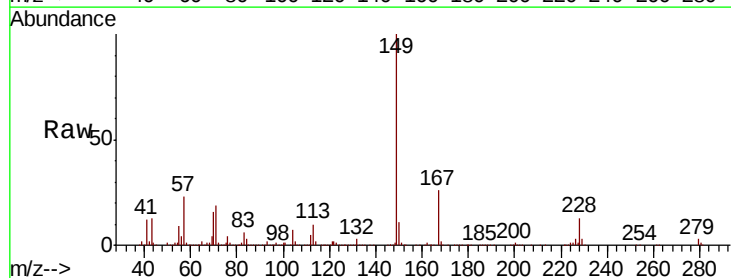
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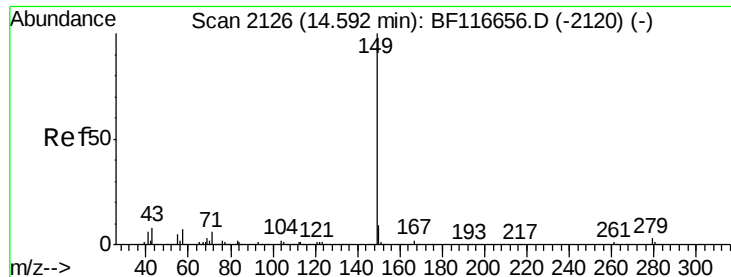
mohammad
 9/16/2019 8:57:01 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.424 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF116928.D
 Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	3.4	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 52.533 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

Instrument :

BNA_F

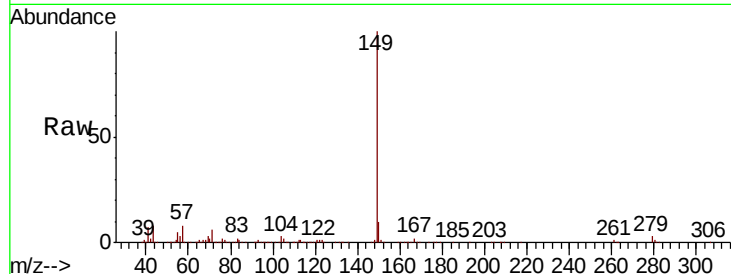
ClientSampleId :

AU-06-090519MSD

Tot Ion:	149	Resp:	851924
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.7	7.8	11.8#

Manual Integrations
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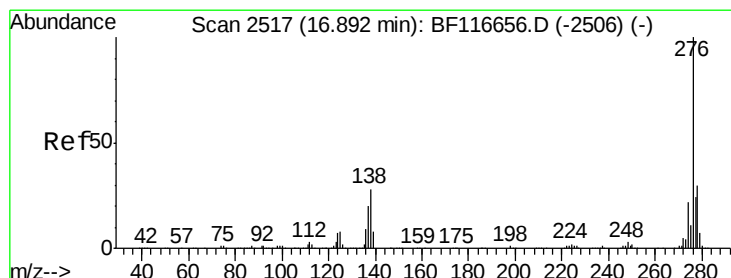
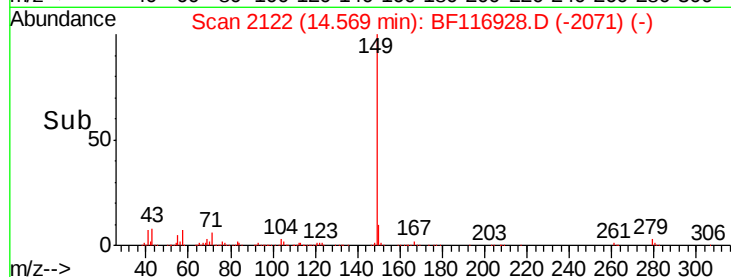
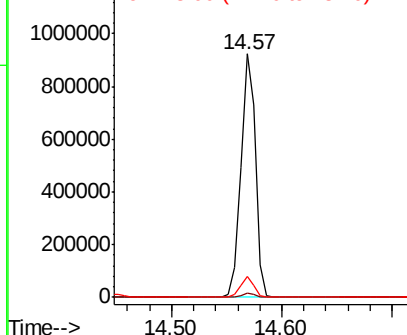


Abundance

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: 52.404 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BF116928.D

Acq: 10 Sep 2019 18:27

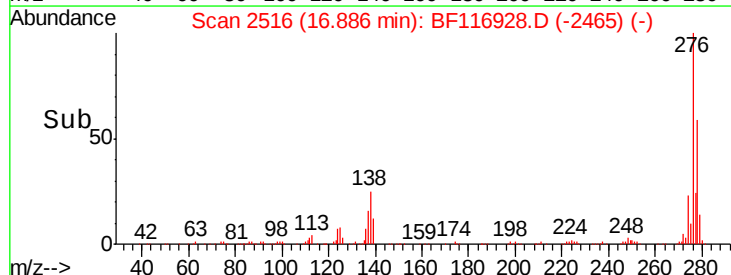
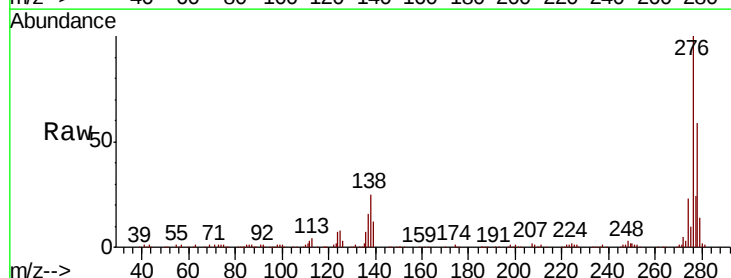
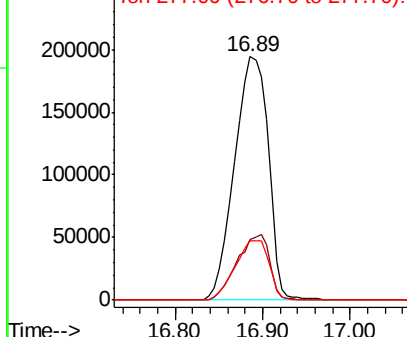
Tgt Ion:	276	Resp:	509680
Ion Ratio	Lower	Upper	
276	100		
138	26.0	19.4	29.2
277	24.6	20.5	30.7

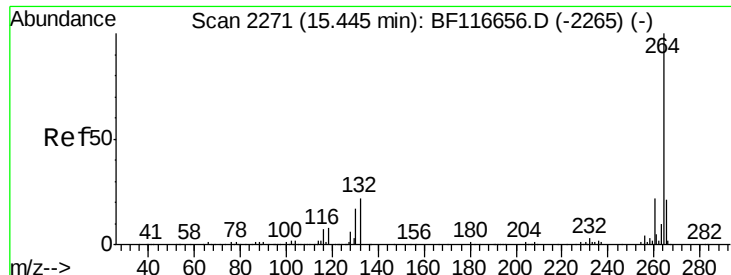
Abundance

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





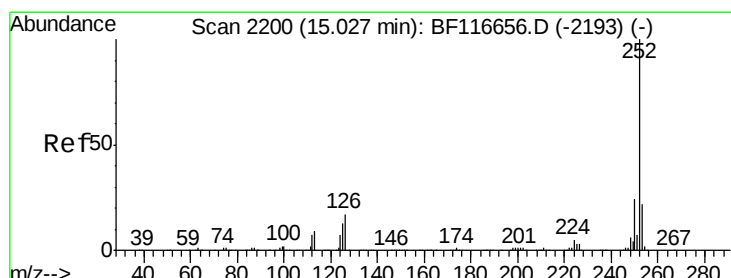
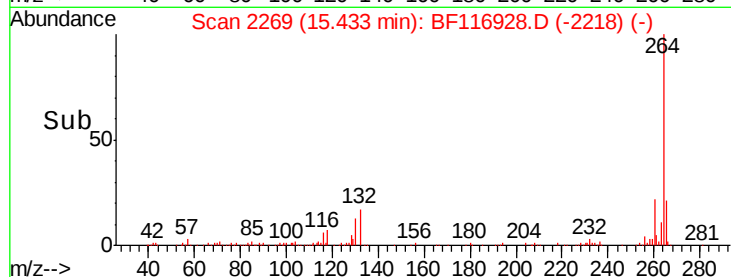
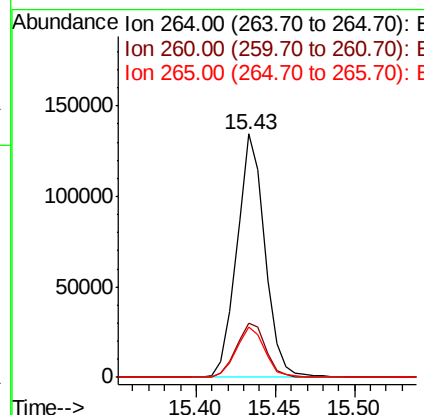
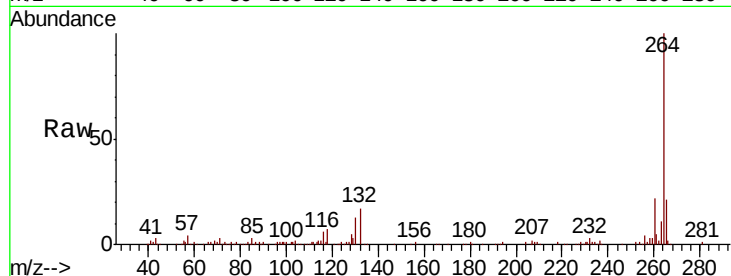
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.3	27.5
265	20.8	16.5	24.7

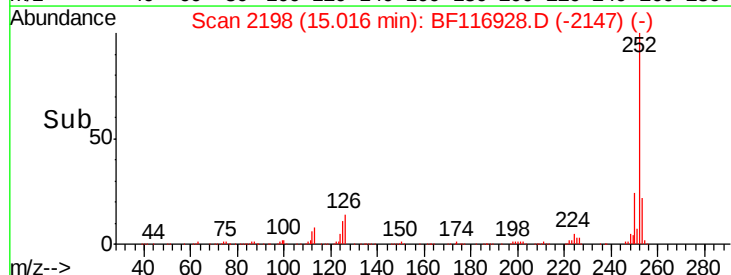
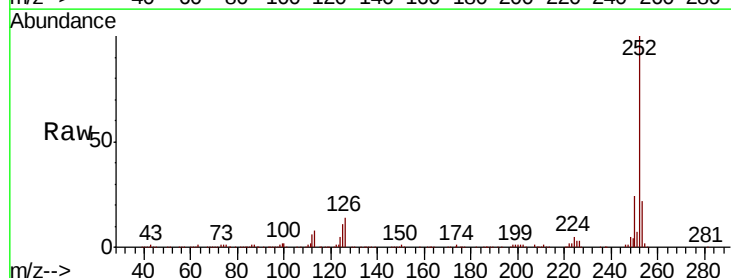
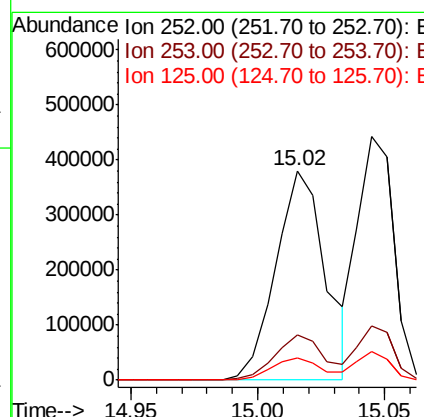
Manual Integrations
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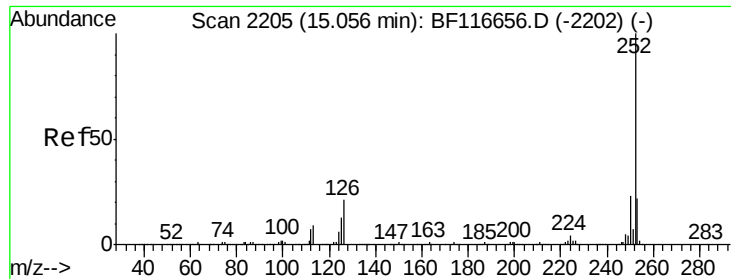
mohammad
9/16/2019 8:57:01 AM



#88
Benzo(b)fluoranthene
Concen: 52.020 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.7	8.2	12.2





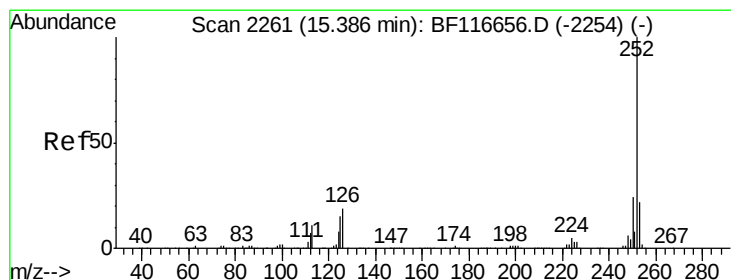
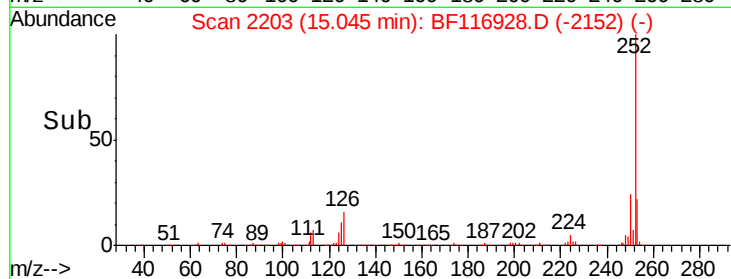
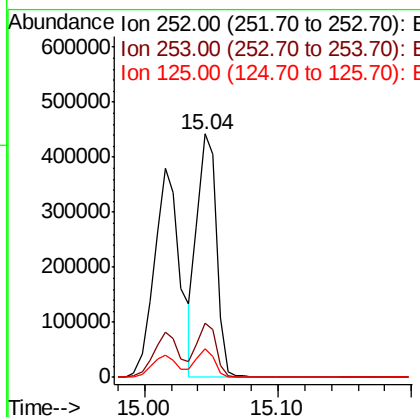
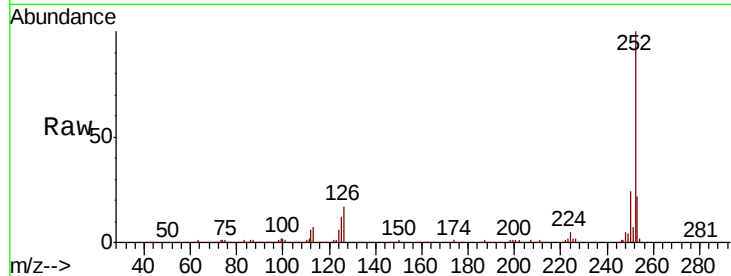
#89
Benzo(k)fluoranthene
Concen: 48.641 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.6	8.6	13.0

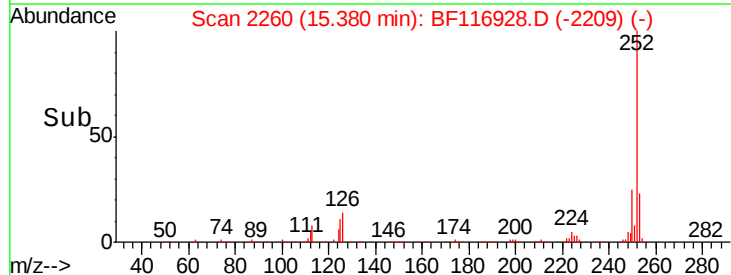
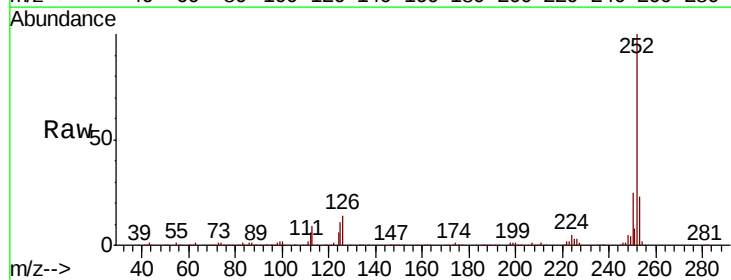
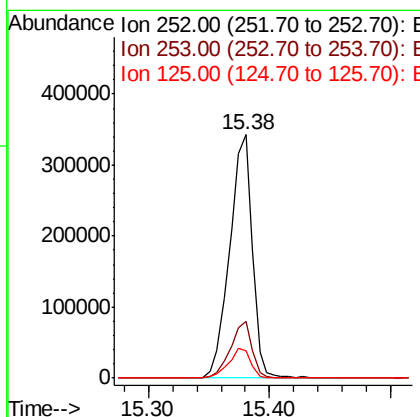
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#90
Benzo(a)pyrene
Concen: 51.781 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.3	9.8	14.8





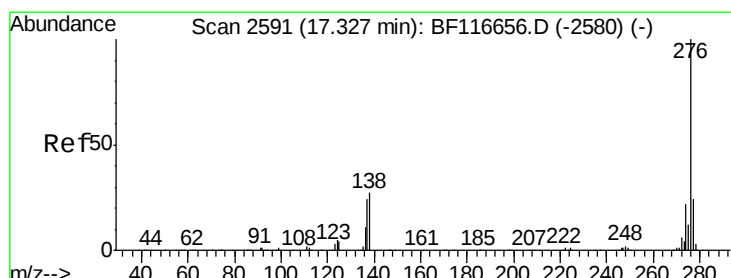
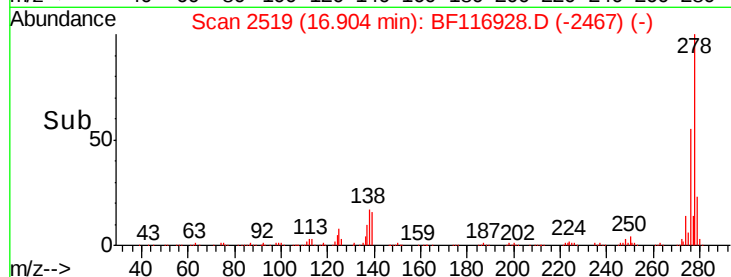
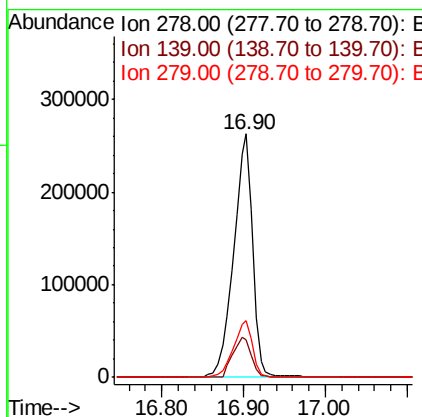
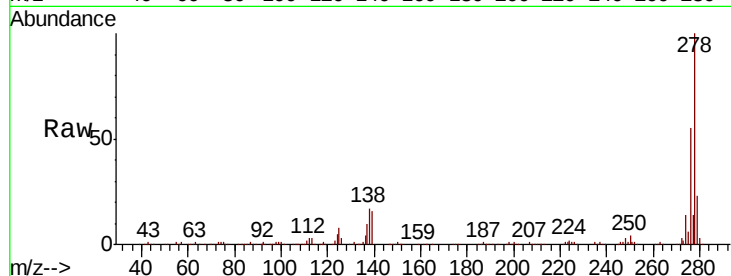
#91
Dibenzo(a,h)anthracene
Concen: 55.976 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.4	18.6
279	23.1	18.2	27.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 55.527 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF116928.D
Acq: 10 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	22.1	16.2	24.2

