

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128519.D
 Acq On : 27 May 2022 19:57
 Operator : CG\JU
 Sample : N2922-25
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS004-0006-01

Quant Time: May 27 23:19:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

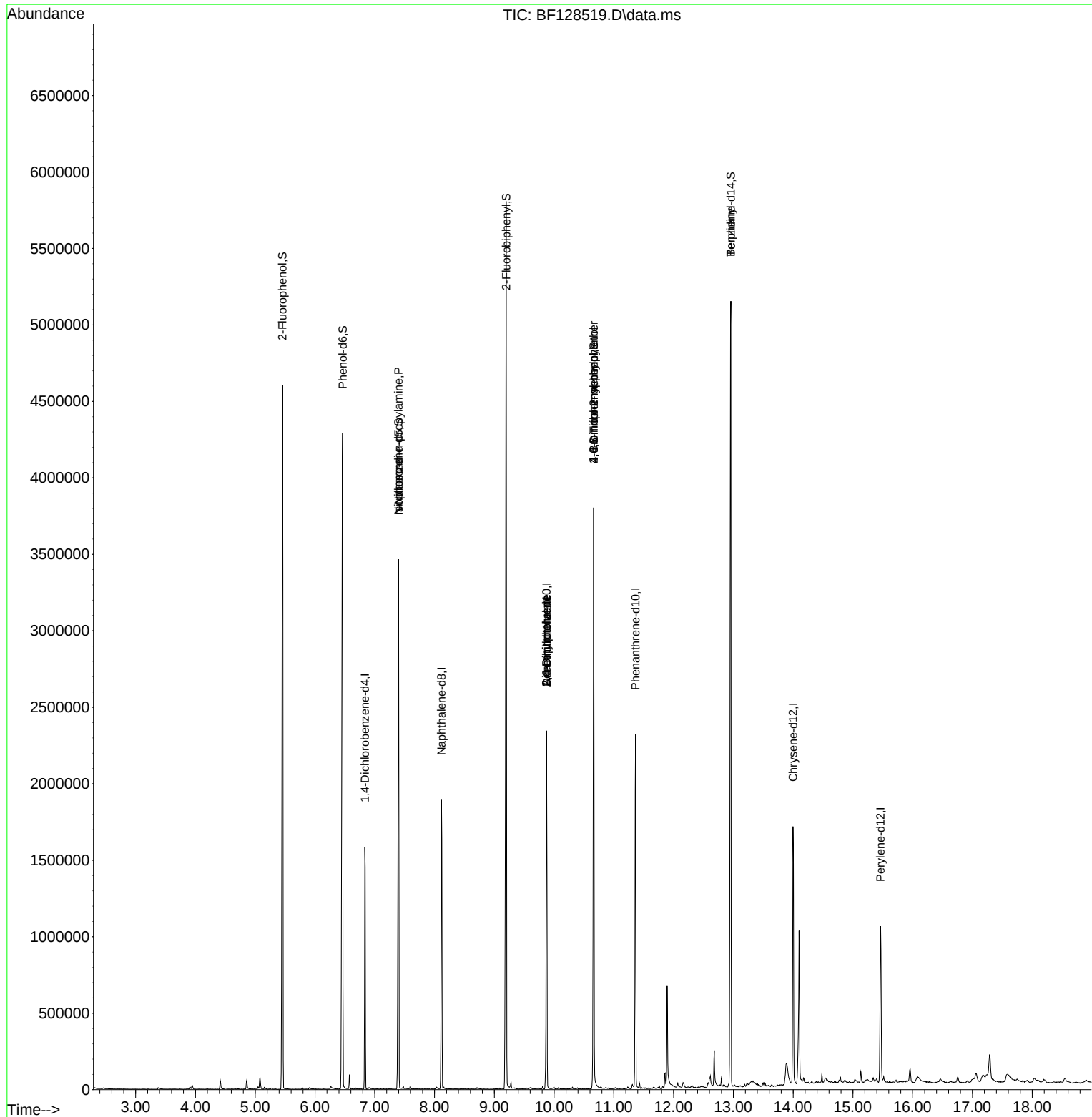
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	230277	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	885824	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	488220	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	857456	20.000	ng	0.00
76) Chrysene-d12	13.998	240	584092	20.000	ng	-0.01
86) Perylene-d12	15.463	264	456983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1346371	96.846	ng	0.00
7) Phenol-d6	6.463	99	1709966	96.468	ng	0.00
23) Nitrobenzene-d5	7.398	82	1136176	73.992	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	462564	99.540	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	2045734	68.076	ng	0.00
79) Terphenyl-d14	12.957	244	2016178	66.688	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	659	Below Cal	#	53
19) n-Nitroso-di-n-propyla...	7.398	70	156409	14.391	ng	# 78
25) Isophorone	7.398	82	1133342	40.010	ng	# 65
50) Dimethylphthalate	9.875	163	85712	2.706	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	62201	10.717	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	62201	8.958	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1188	5.767	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	31300	3.533	ng	# 1
77) Benzidine	12.957	184	27857	2.068	ng	# 96

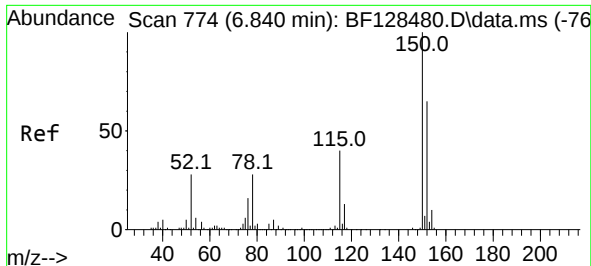
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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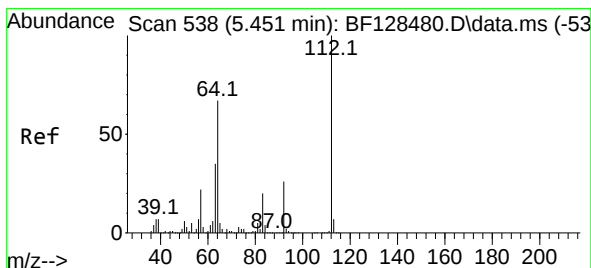
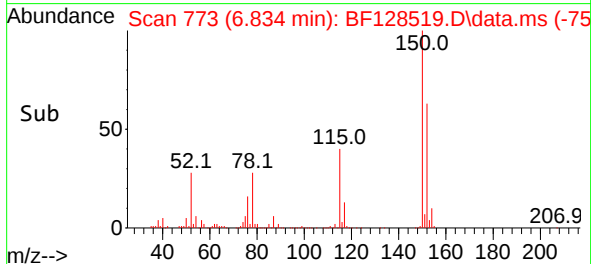
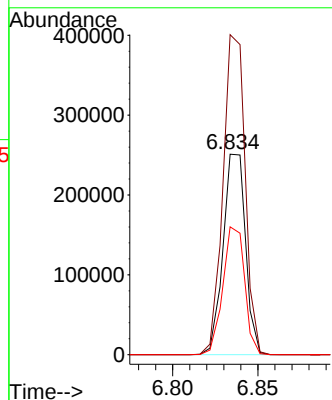
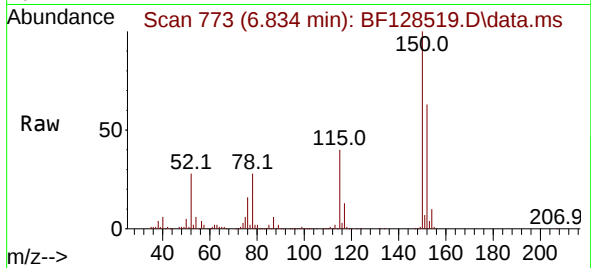




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

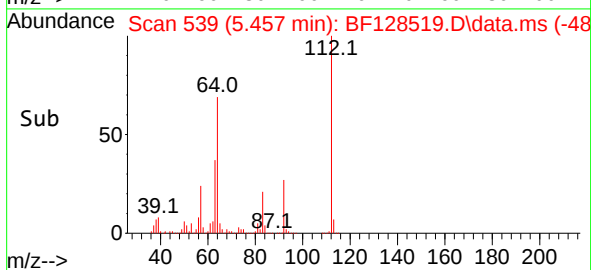
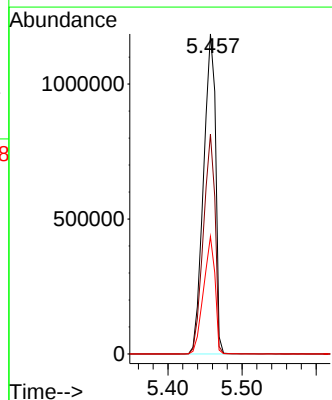
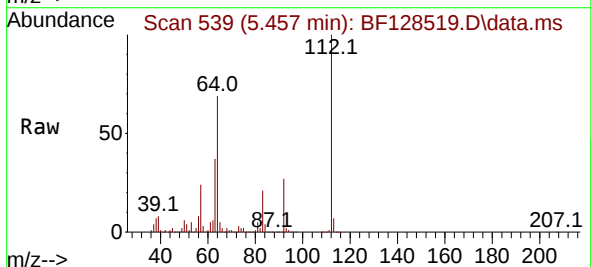
Instrument :
BNA_F
ClientSampleId :
P024-SS004-0006-01

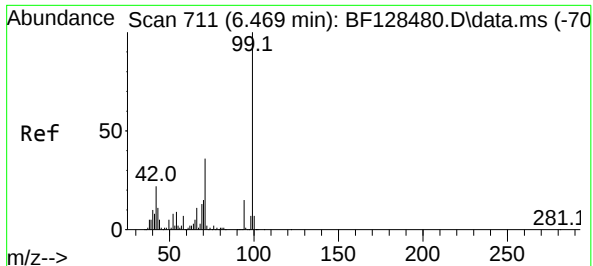
Tgt Ion:152 Resp: 230277
Ion Ratio Lower Upper
152 100
150 159.6 123.7 185.5
115 63.7 49.9 74.9



#5
2-Fluorophenol
Concen: 96.846 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

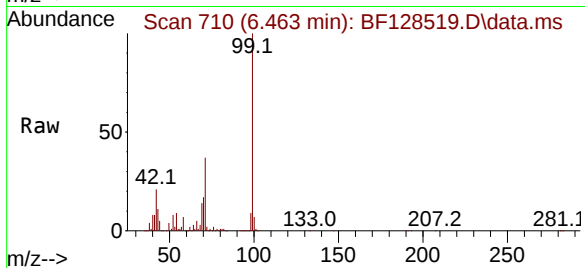
Tgt Ion:112 Resp: 1346371
Ion Ratio Lower Upper
112 100
64 68.7 53.3 79.9
63 36.7 28.0 42.0





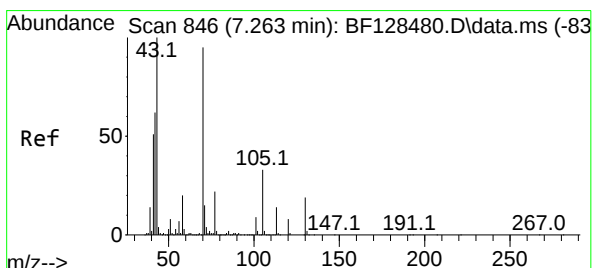
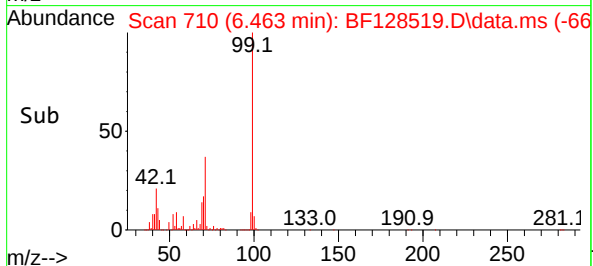
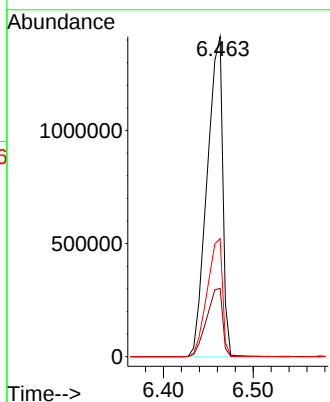
#7
Phenol-d6
Concen: 96.468 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

Instrument :
BNA_F
ClientSampleId :
P024-SS004-0006-01



Tgt Ion: 99 Resp: 1709966

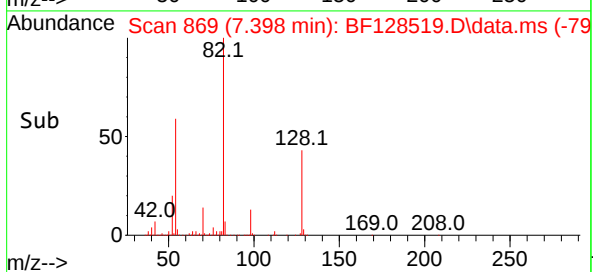
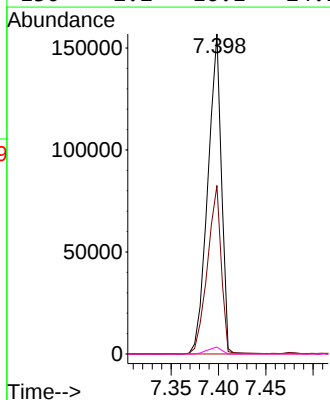
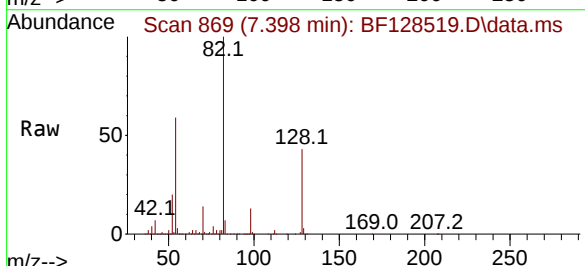
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.3	25.9
71	36.9	28.9	43.3

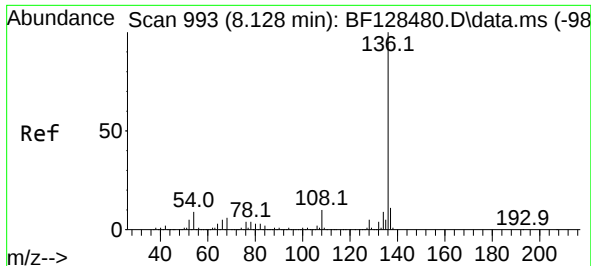


#19
n-Nitroso-di-n-propylamine
Concen: 14.391 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

Tgt Ion: 70 Resp: 156409

Ion	Ratio	Lower	Upper
70	100		
42	52.7	52.3	78.5
101	0.0	7.5	11.3#
130	2.2	16.1	24.1#

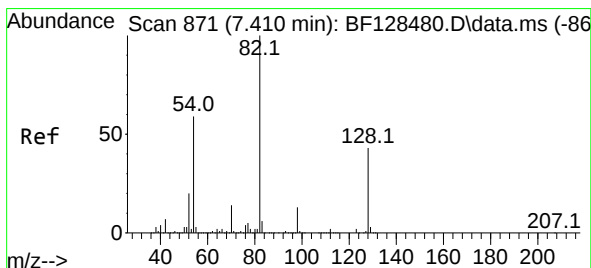
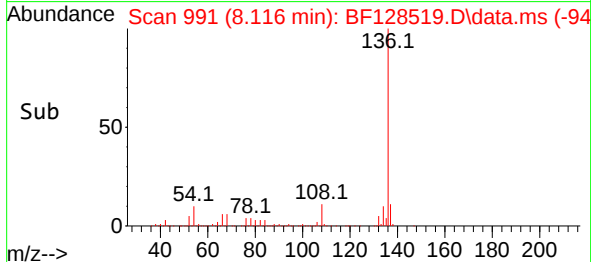
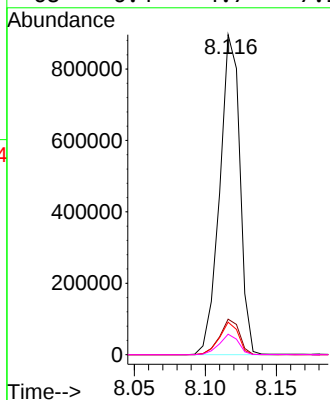
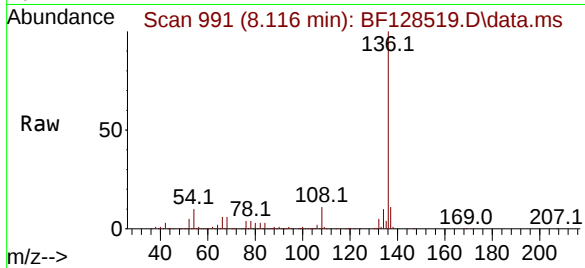




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

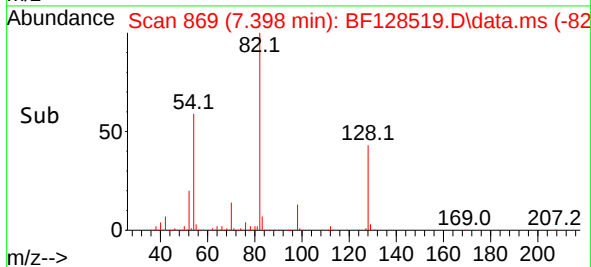
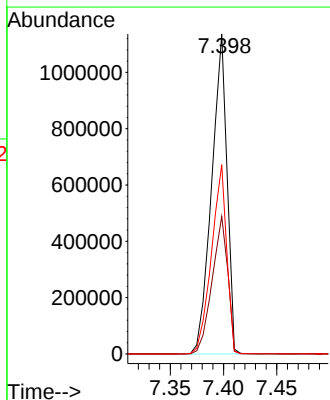
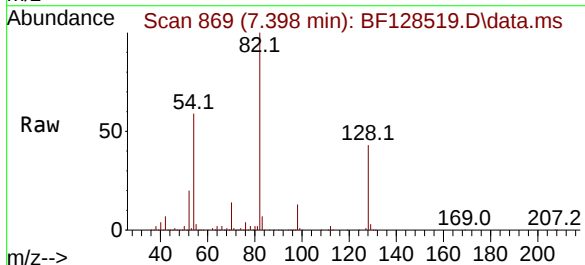
Instrument :
BNA_F
ClientSampleId :
P024-SS004-0006-01

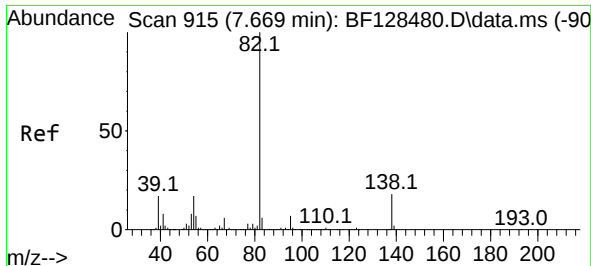
Tgt Ion:136	Resp: 885824
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 10.2	7.5 11.3
68 6.4	4.7 7.1



#23
Nitrobenzene-d5
Concen: 73.992 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

Tgt Ion: 82		Resp: 1136176	
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.0	51.0
54	59.2	46.9	70.3

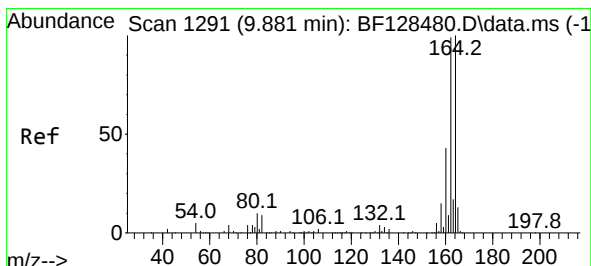
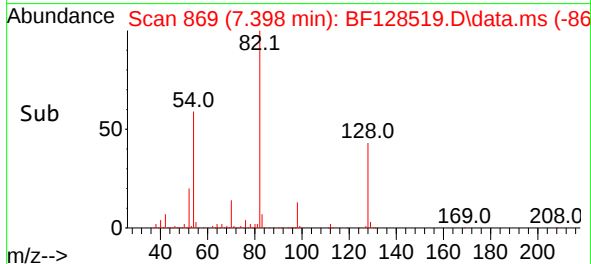
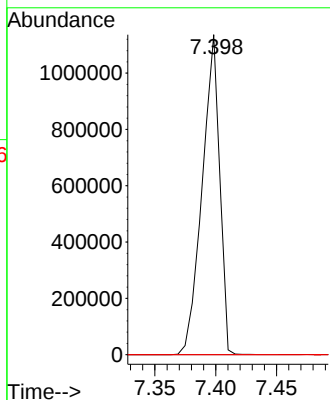
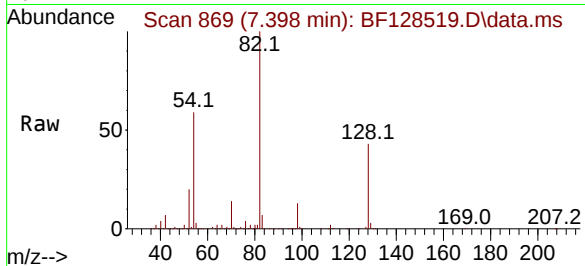




#25
Isophorone
Concen: 40.010 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

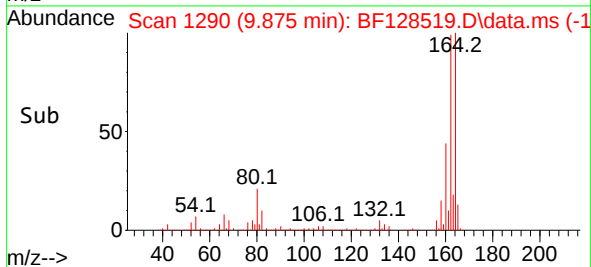
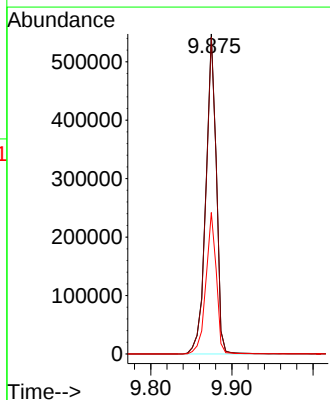
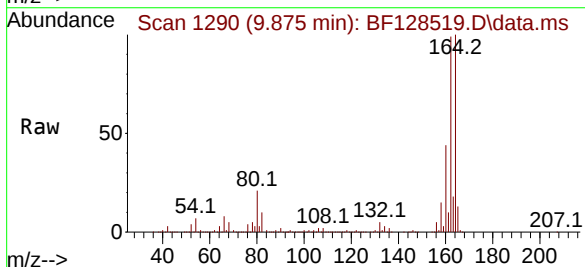
Instrument :
BNA_F
ClientSampleId :
P024-SS004-0006-01

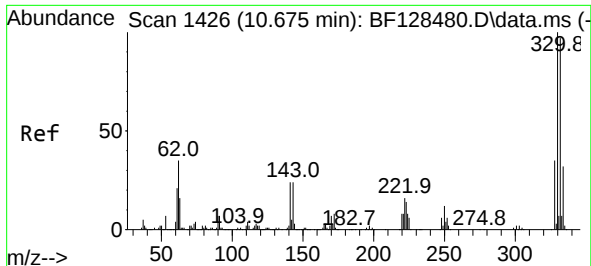
Tgt Ion: 82 Resp: 1133342
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

Tgt Ion:164 Resp: 488220
Ion Ratio Lower Upper
164 100
162 99.1 79.5 119.3
160 44.2 34.2 51.4

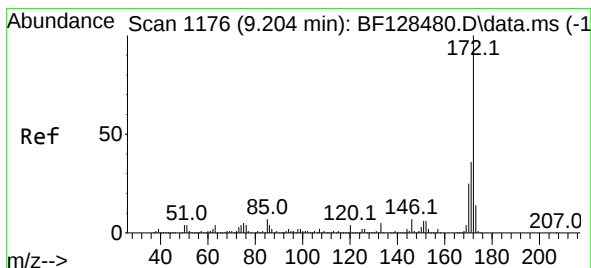
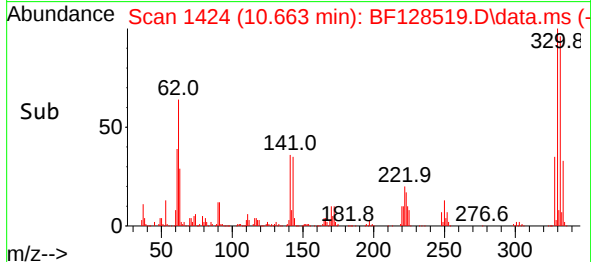
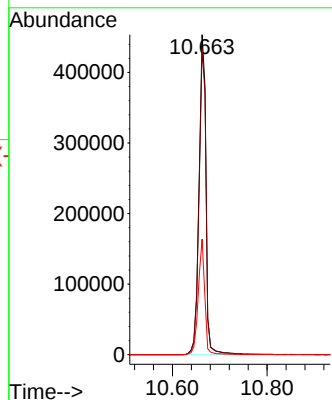
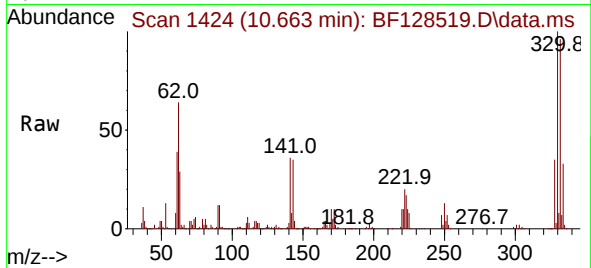




#42
2,4,6-Tribromophenol
Concen: 99.540 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

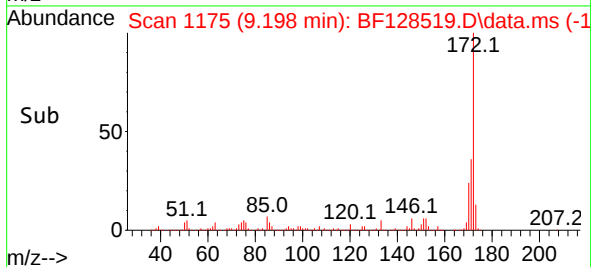
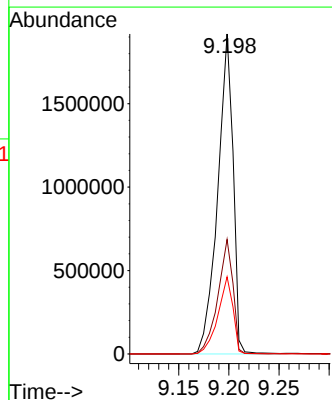
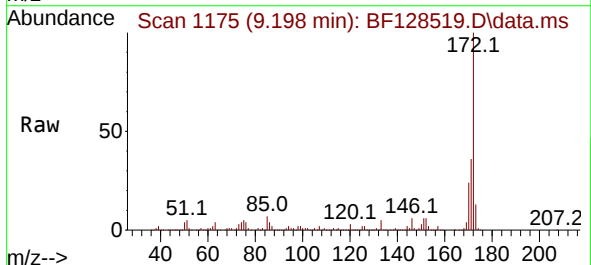
Instrument :
BNA_F
ClientSampleId :
P024-SS004-0006-01

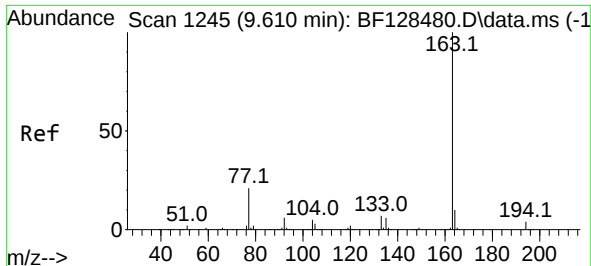
Tgt Ion:330 Resp: 462564
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 33.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 68.076 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

Tgt Ion:172 Resp: 2045734
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.1 19.8 29.8

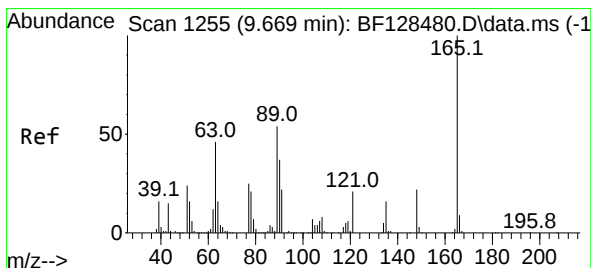
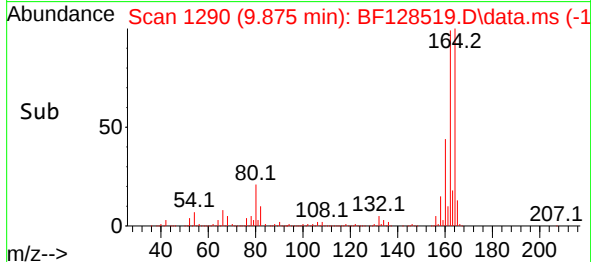
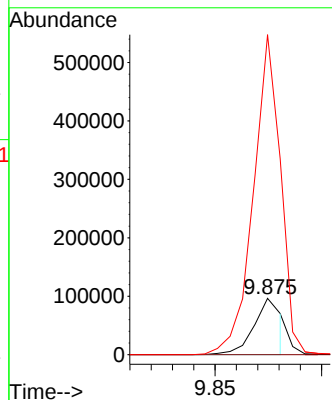
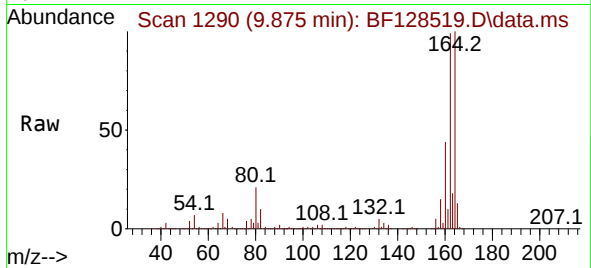




#50
Dimethylphthalate
Concen: 2.706 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

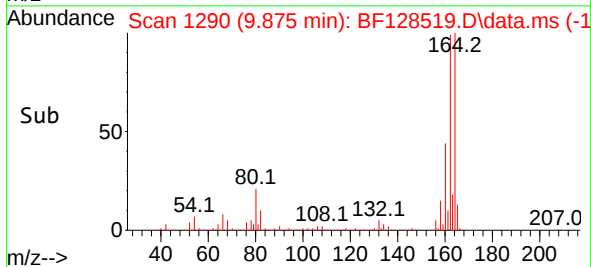
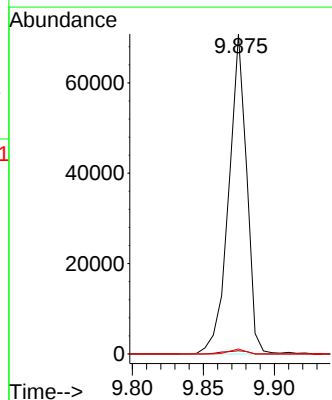
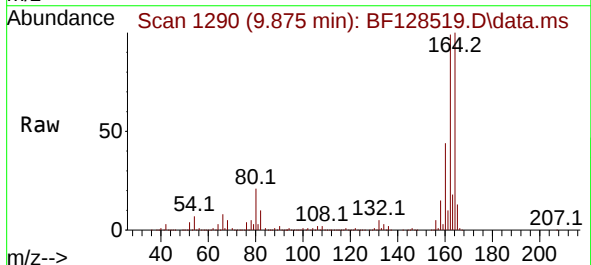
Instrument :
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P024-SS004-0006-01

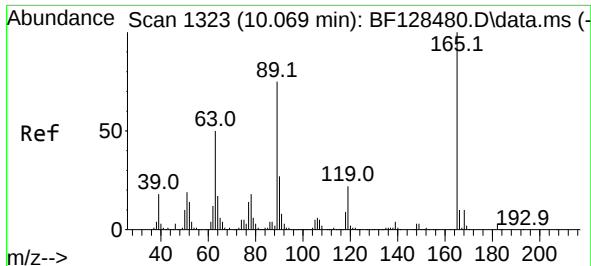
Tgt Ion:163 Resp: 85712
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 568.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.717 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

Tgt Ion:165 Resp: 62201
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.5 43.6 65.4#

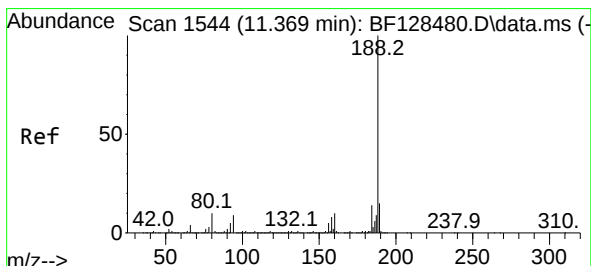
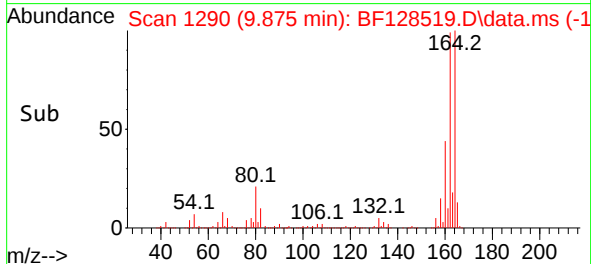
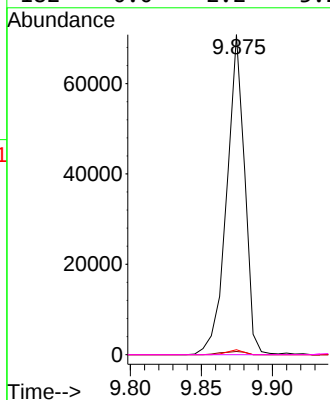
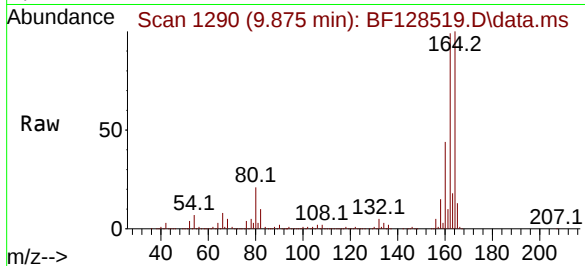




#57
2,4-Dinitrotoluene
Concen: 8.958 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

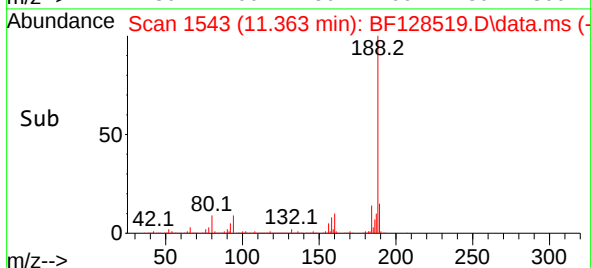
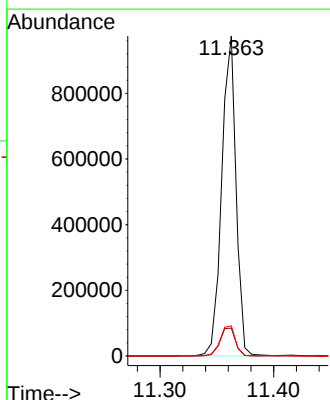
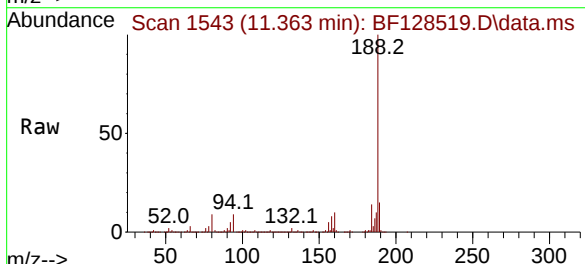
Instrument :
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P024-SS004-0006-01

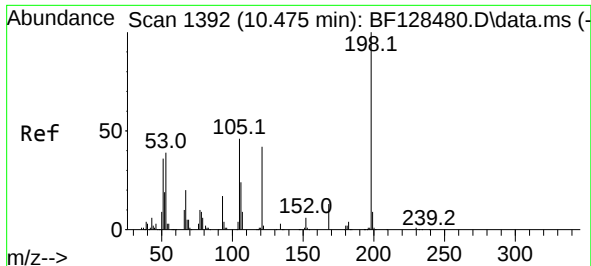
Tgt Ion:165 Resp: 62201
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

Tgt Ion:188 Resp: 857456
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.4 7.6 11.4

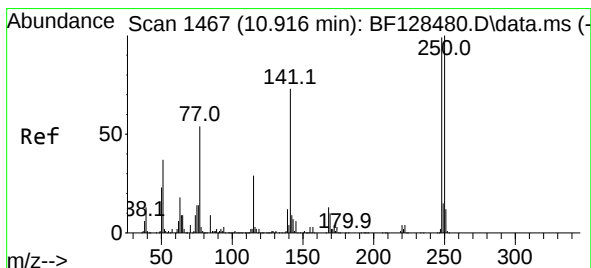
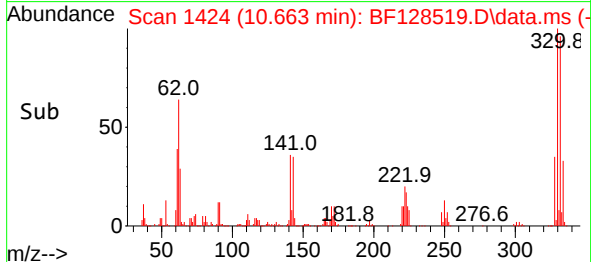
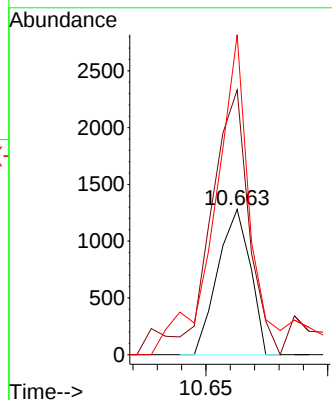
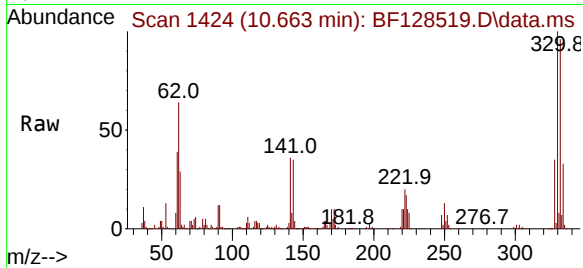




#65
4,6-Dinitro-2-methylphenol
Concen: 5.767 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

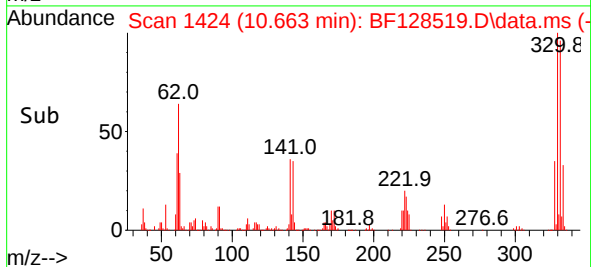
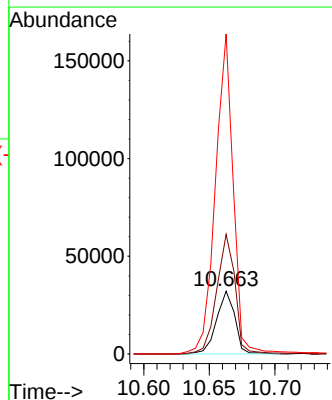
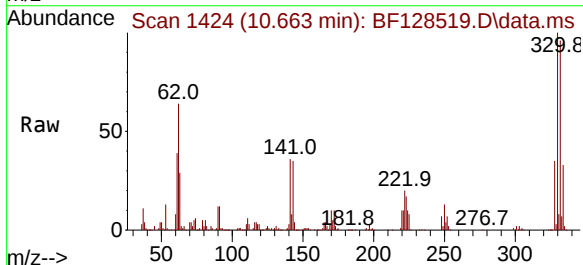
Instrument :
BNA_F
ClientSampleId :
P024-SS004-0006-01

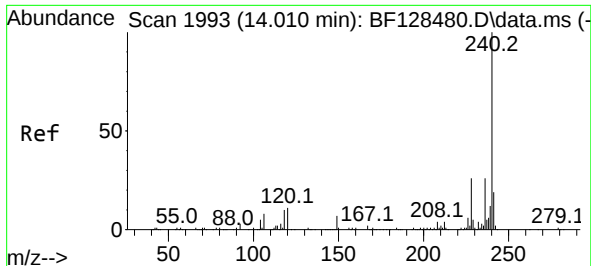
Tgt Ion:198 Resp: 1188
Ion Ratio Lower Upper
198 100
51 182.4 37.6 77.6#
105 220.4 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.533 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

Tgt Ion:248 Resp: 31300
Ion Ratio Lower Upper
248 100
250 190.4 80.6 120.8#
141 509.8 58.9 88.3#

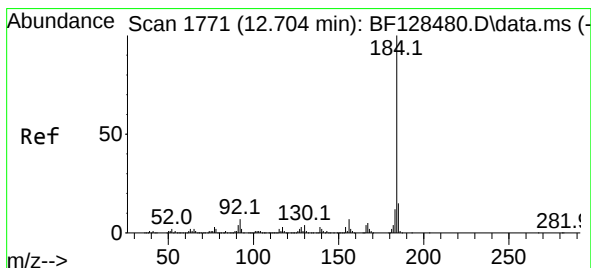
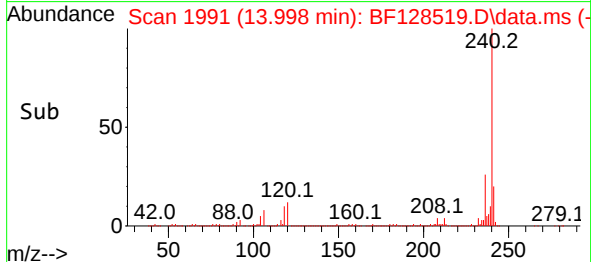
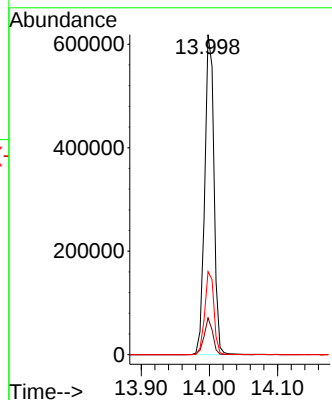
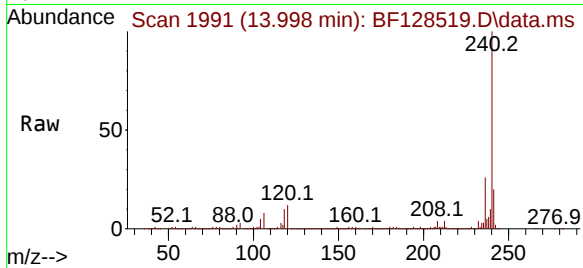




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

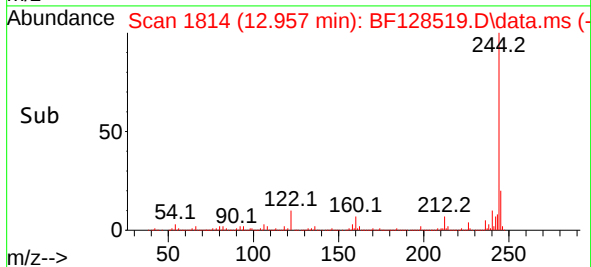
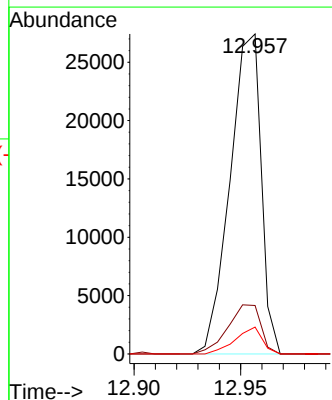
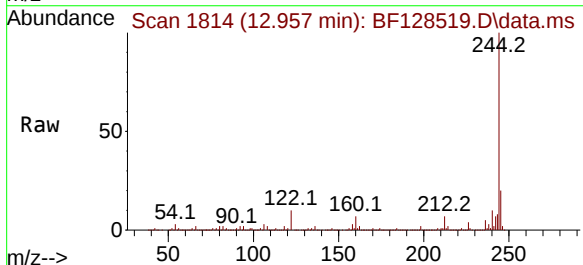
Instrument :
BNA_F
ClientSampleId :
P024-SS004-0006-01

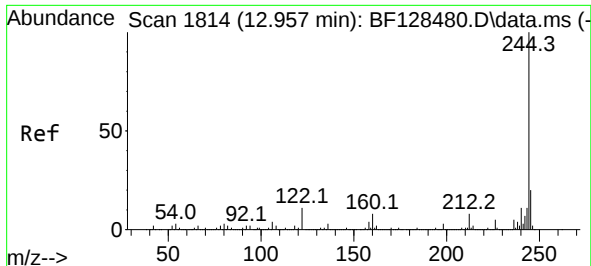
Tgt Ion:240 Resp: 584092
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.0 20.8 31.2



#77
Benzidine
Concen: 2.068 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128519.D
Acq: 27 May 2022 19:57

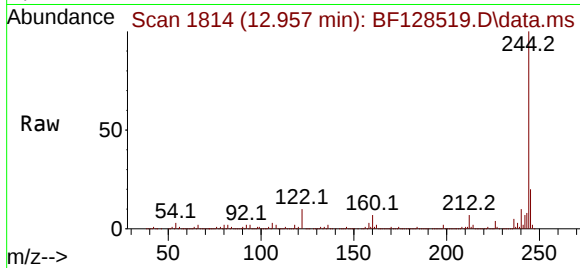
Tgt Ion:184 Resp: 27857
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 8.4 9.3 13.9#





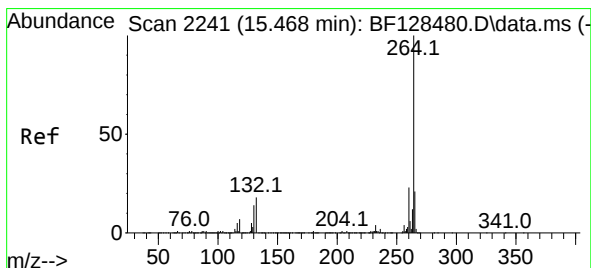
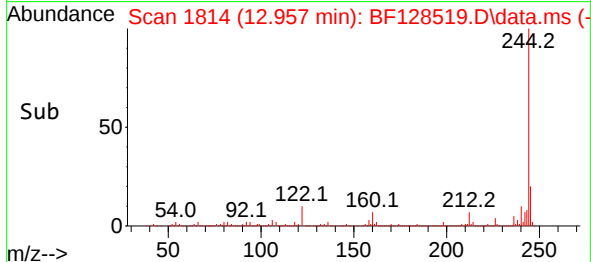
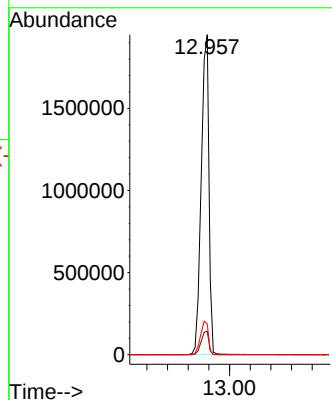
#79
 Terphenyl-d14
 Concen: 66.688 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128519.D
 Acq: 27 May 2022 19:57

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS004-0006-01



Tgt Ion:244 Resp: 2016178

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	9.7	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128519.D
 Acq: 27 May 2022 19:57

Tgt Ion:264 Resp: 456983

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	21.5	17.2	25.8

