

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128533.D
 Acq On : 28 May 2022 03:01
 Operator : CG\JU
 Sample : N2923-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS006-0006-01

Quant Time: May 28 03:34:20 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)

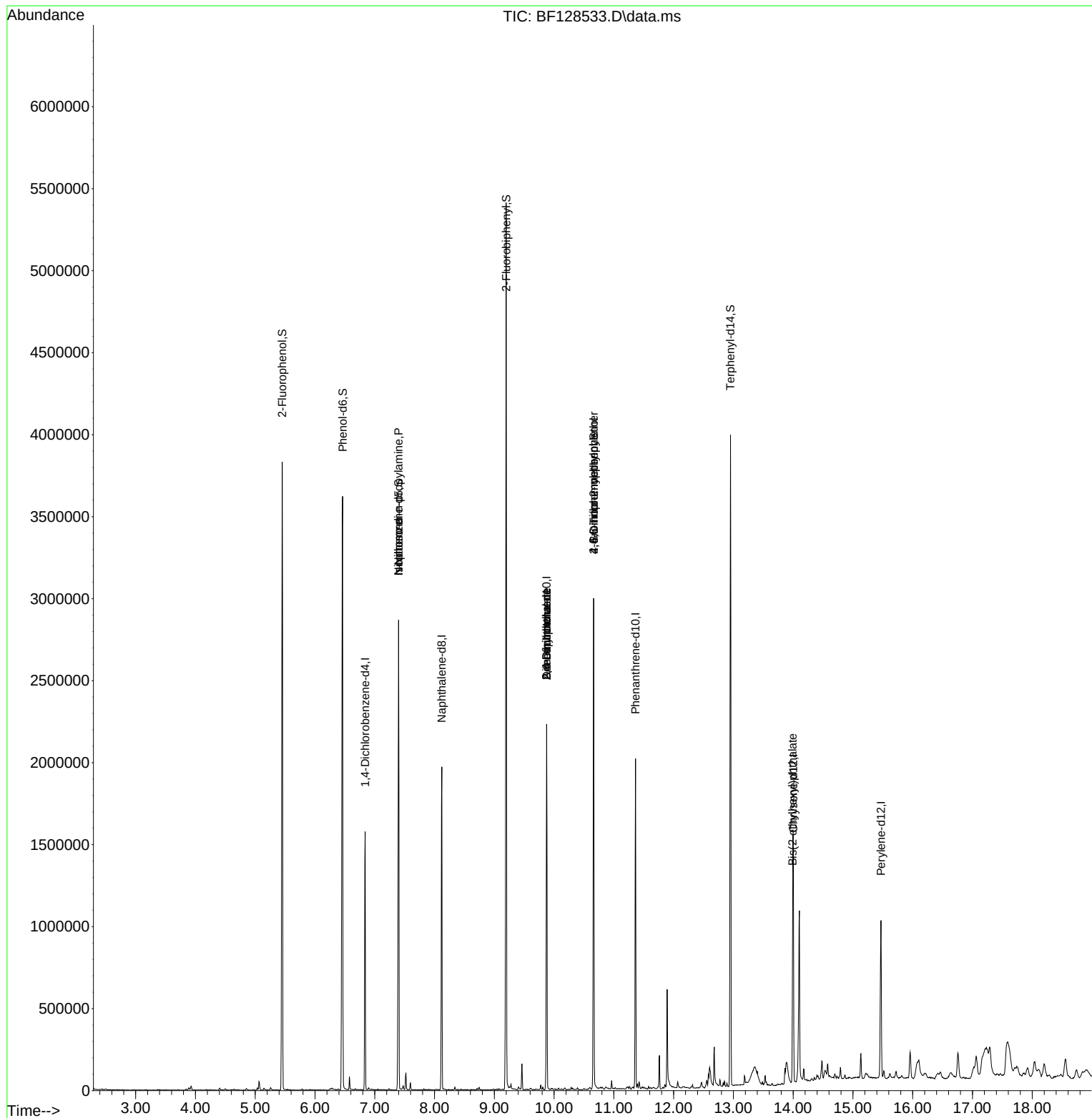
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	223951	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	838127	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	429759	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	696569	20.000	ng	0.00
76) Chrysene-d12	14.004	240	436341	20.000	ng	0.00
86) Perylene-d12	15.468	264	432851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1069899	79.133	ng	0.00
7) Phenol-d6	6.463	99	1377228	79.891	ng	0.00
23) Nitrobenzene-d5	7.398	82	906558	62.398	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	330550	80.808	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1654755	62.556	ng	0.00
79) Terphenyl-d14	12.951	244	1382030	61.191	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	335	Below Cal	#	58
19) n-Nitroso-di-n-propyla...	7.398	70	123438	11.678	ng	# 79
25) Isophorone	7.398	82	900811	33.611	ng	# 65
50) Dimethylphthalate	9.875	163	73825	2.648	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	54923	10.750	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	54923	8.986	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.663	198	980	5.772	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	21780	3.026	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.992	149	153357	9.145	ng	98

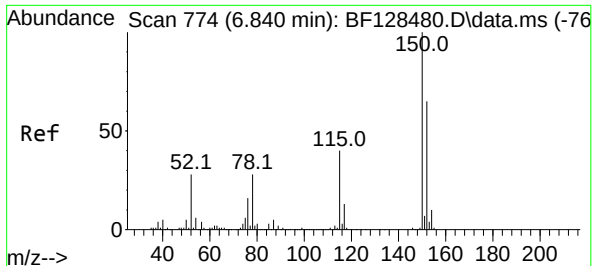
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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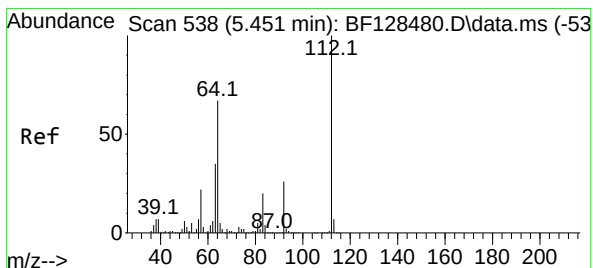
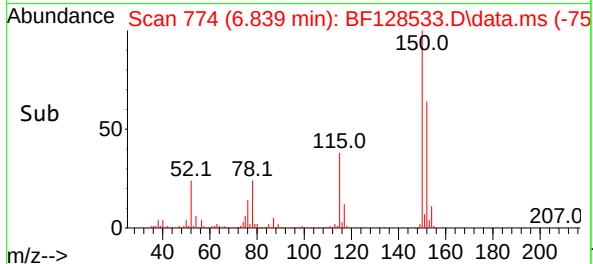
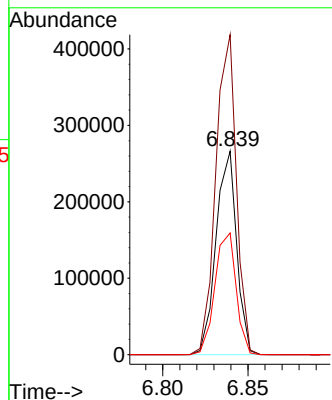
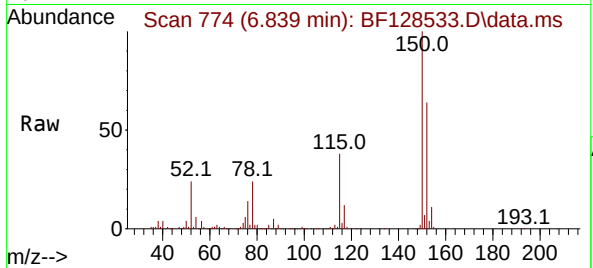




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

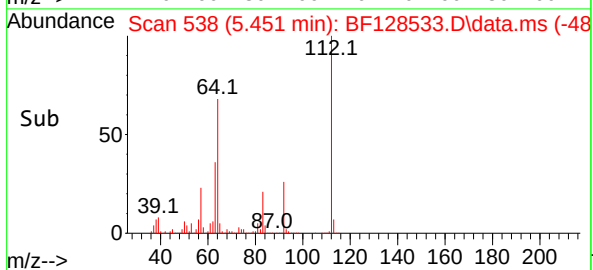
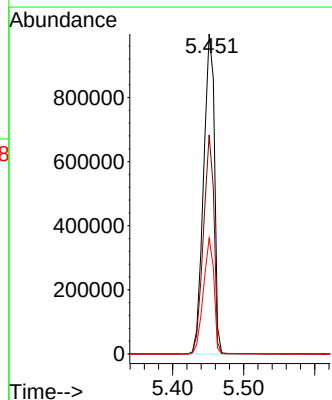
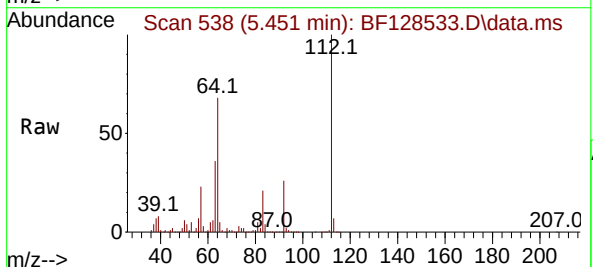
Instrument :
BNA_F
ClientSampleId :
P024-SS006-0006-01

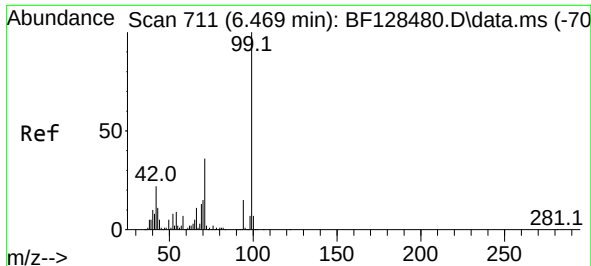
Tgt Ion:152 Resp: 223951
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 59.8 49.9 74.9



#5
2-Fluorophenol
Concen: 79.133 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

Tgt Ion:112 Resp: 1069899
Ion Ratio Lower Upper
112 100
64 68.4 53.3 79.9
63 36.2 28.0 42.0



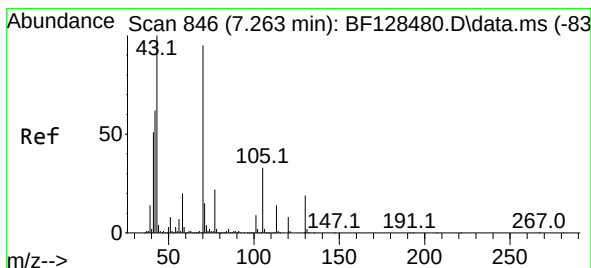
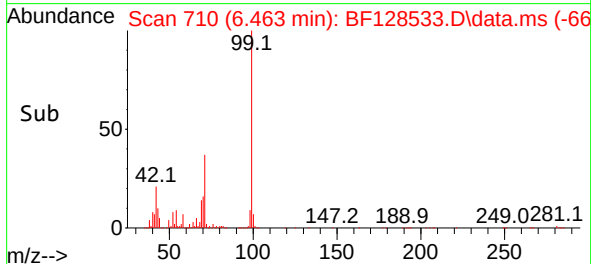
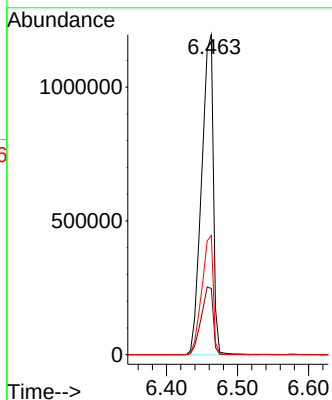
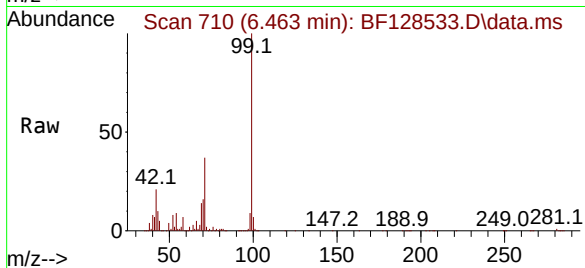


#7
Phenol-d6
Concen: 79.891 ng
RT: 6.463 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

Instrument :
BNA_F
ClientSampleId :
P024-SS006-0006-01

Tgt Ion: 99 Resp: 1377228

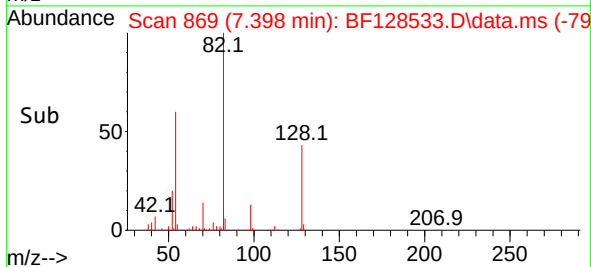
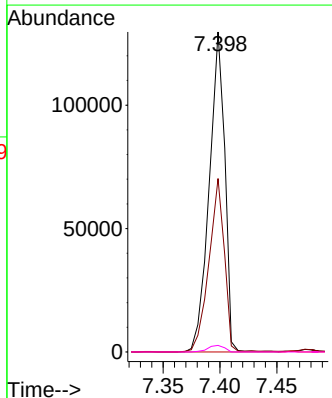
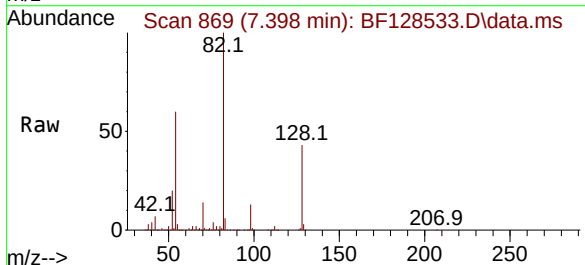
Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.3	25.9
71	37.2	28.9	43.3

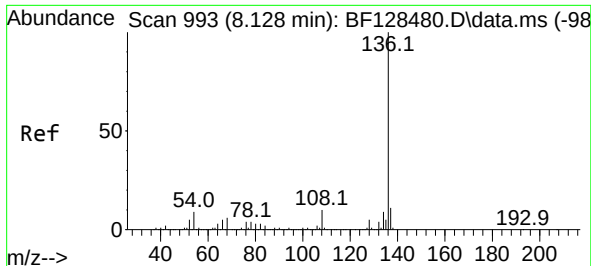


#19
n-Nitroso-di-n-propylamine
Concen: 11.678 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

Tgt Ion: 70 Resp: 123438

Ion	Ratio	Lower	Upper
70	100		
42	54.2	52.3	78.5
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#

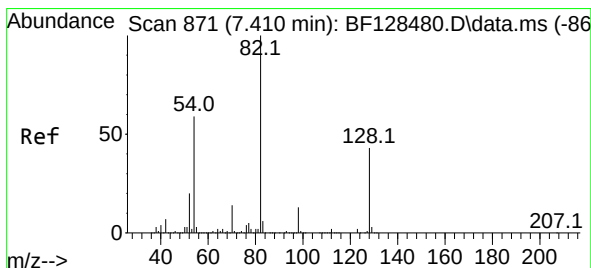
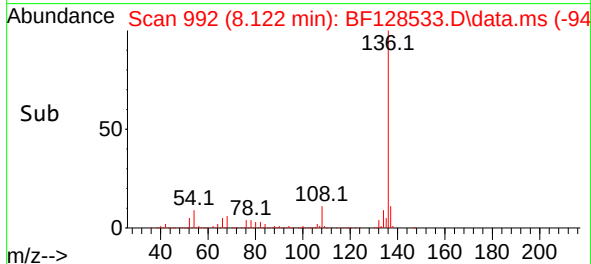
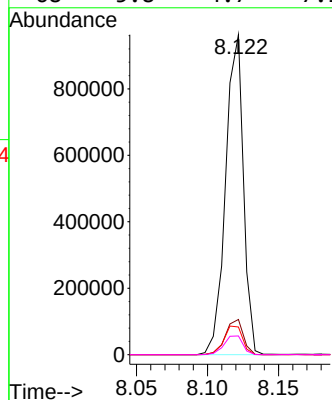
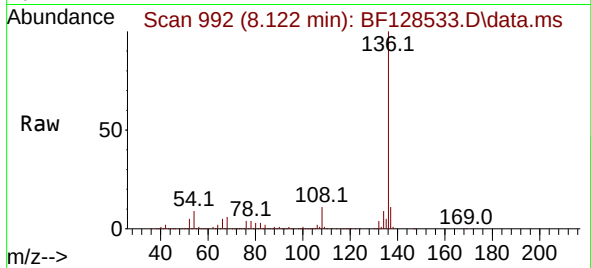




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

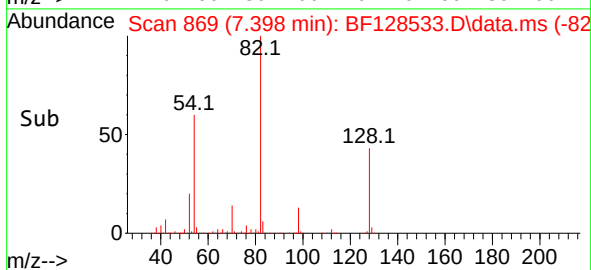
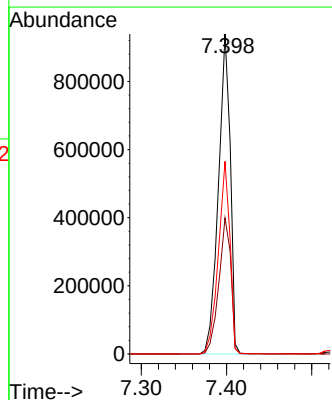
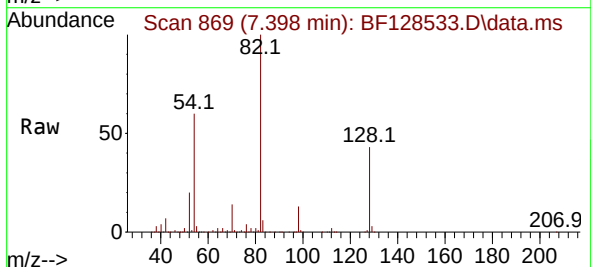
Instrument :
BNA_F
ClientSampleId :
P024-SS006-0006-01

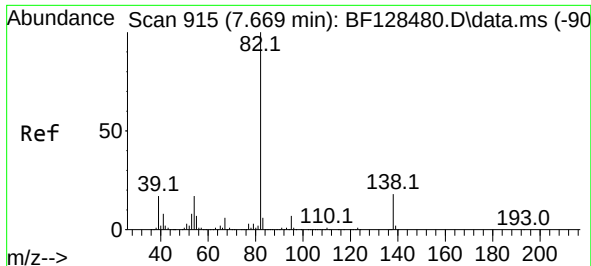
Tgt Ion:136 Resp: 838127
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.7 7.5 11.3
68 5.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 62.398 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

Tgt Ion: 82 Resp: 906558
Ion Ratio Lower Upper
82 100
128 42.5 34.0 51.0
54 60.2 46.9 70.3

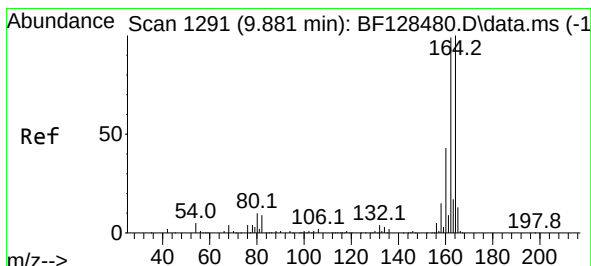
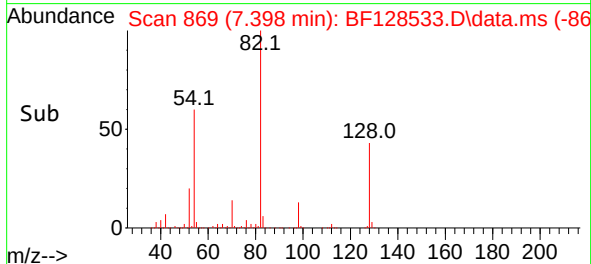
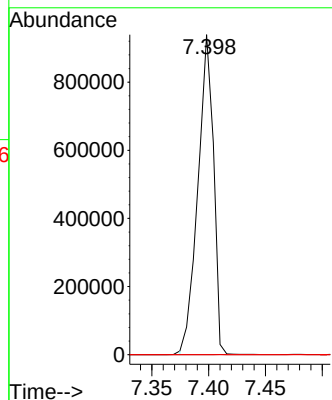
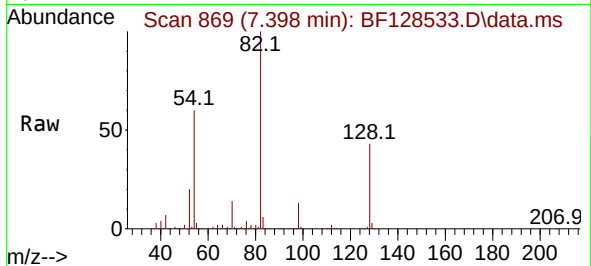




#25
Isophorone
Concen: 33.611 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

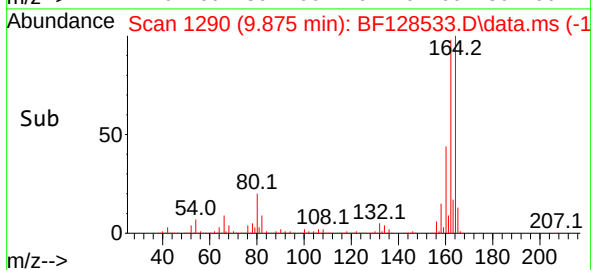
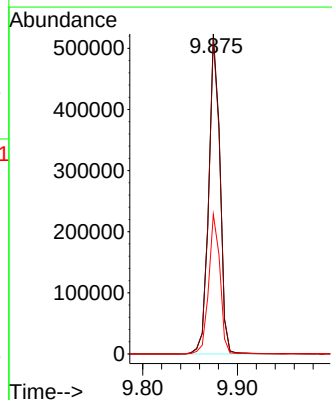
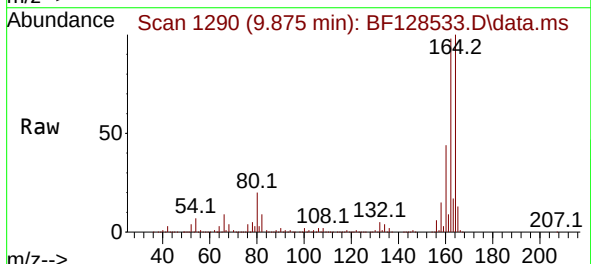
Instrument :
BNA_F
ClientSampleId :
P024-SS006-0006-01

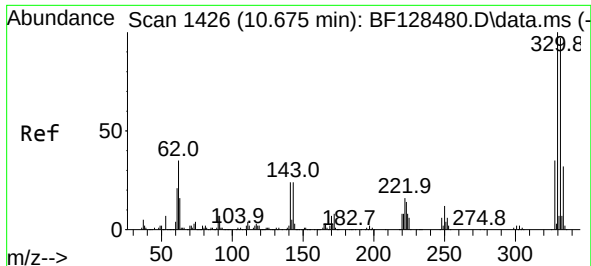
Tgt Ion: 82 Resp: 900811
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

Tgt Ion:164 Resp: 429759
Ion Ratio Lower Upper
164 100
162 98.3 79.5 119.3
160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 80.808 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128533.D

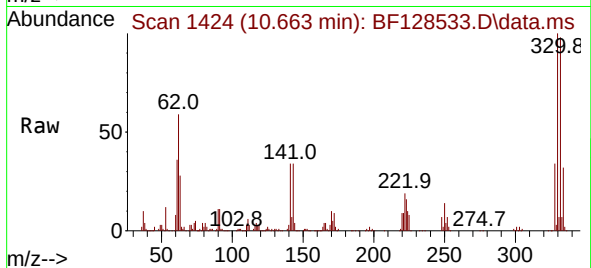
Acq: 28 May 2022 03:01

Instrument :

BNA_F

ClientSampleId :

P024-SS006-0006-01



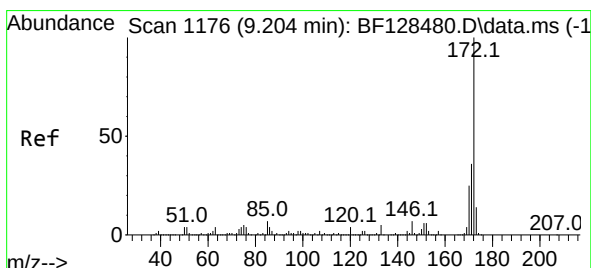
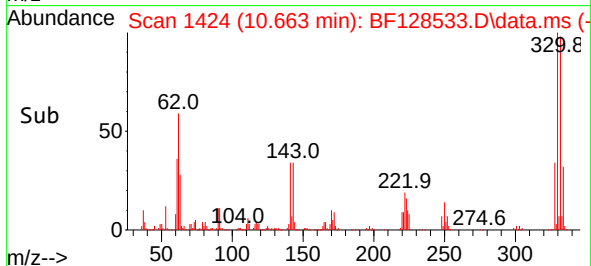
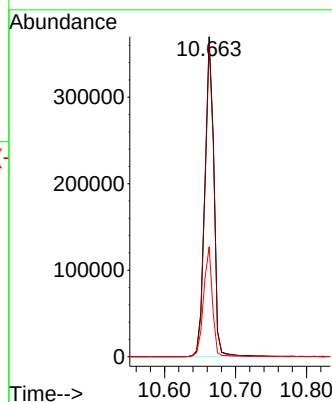
Tgt Ion:330 Resp: 330550

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

141 33.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 62.556 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128533.D

Acq: 28 May 2022 03:01

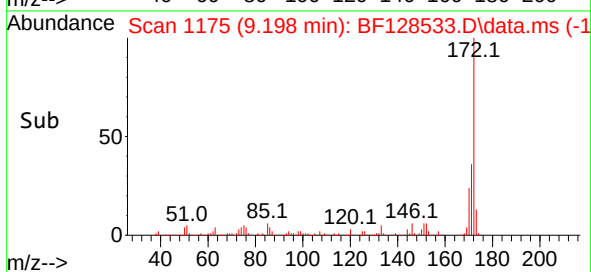
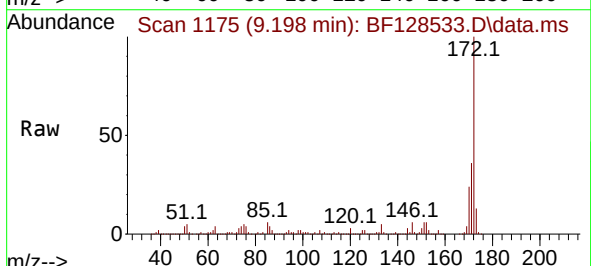
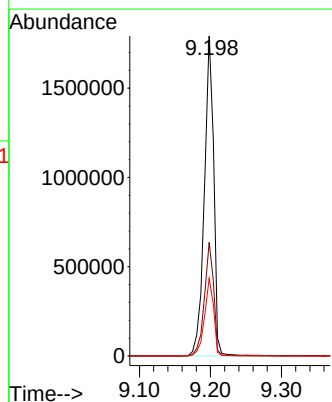
Tgt Ion:172 Resp: 1654755

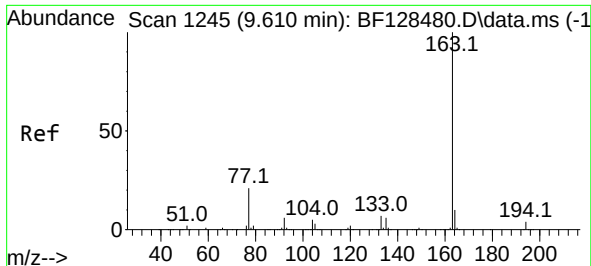
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.2 19.8 29.8

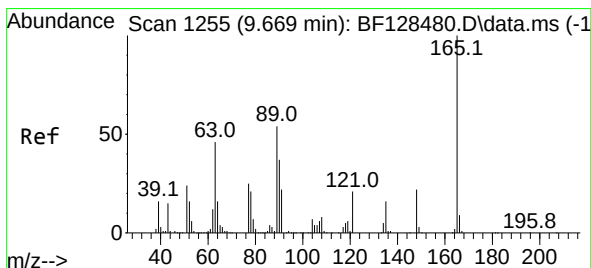
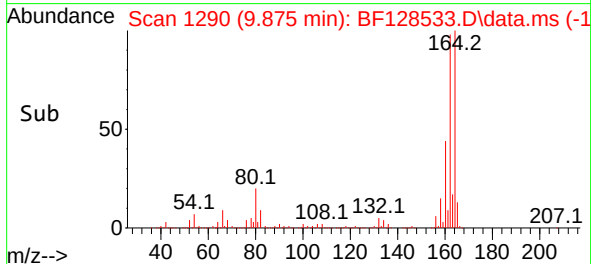
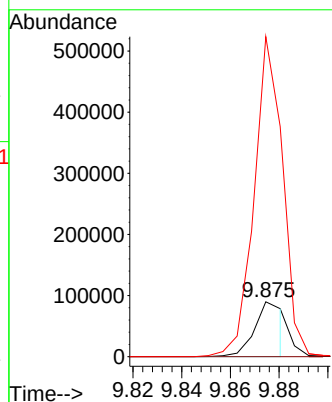
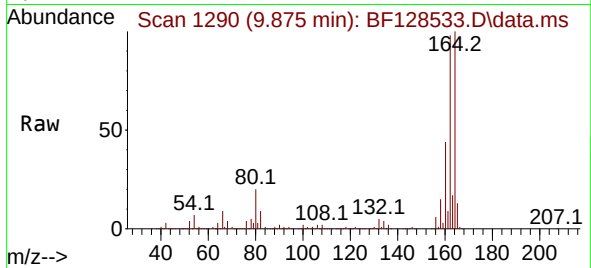




#50
Dimethylphthalate
Concen: 2.648 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

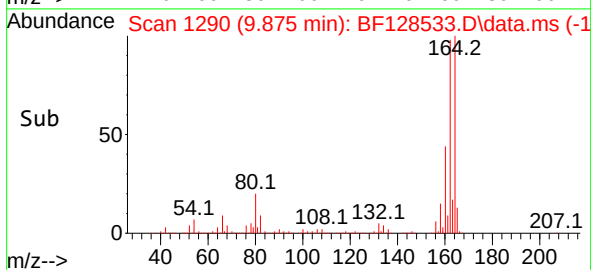
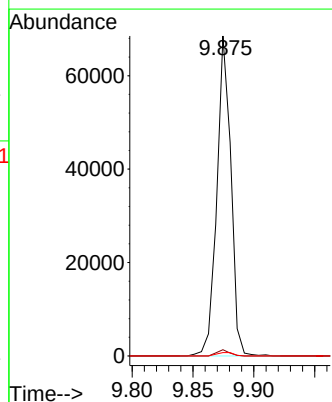
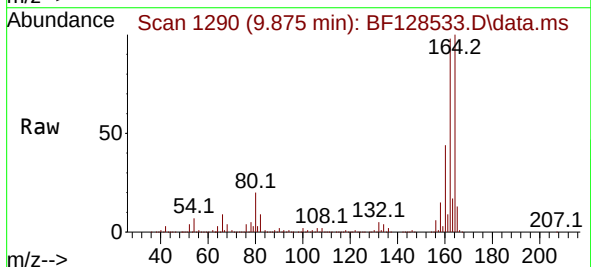
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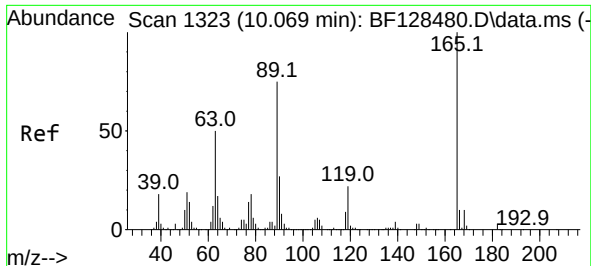
Tgt Ion:163 Resp: 73825
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 583.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.750 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

Tgt Ion:165 Resp: 54923
Ion Ratio Lower Upper
165 100
63 1.9 44.9 67.3#
89 1.1 43.6 65.4#

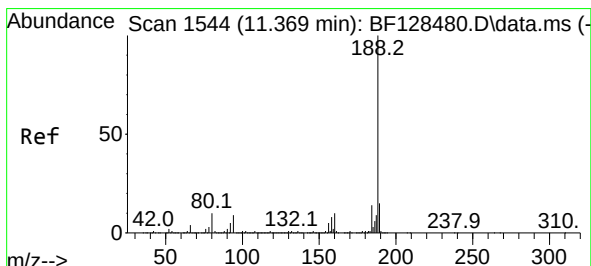
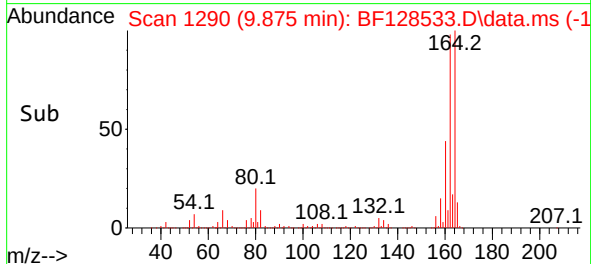
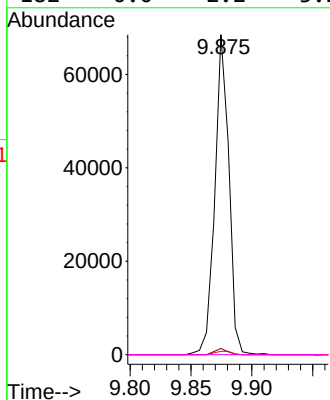
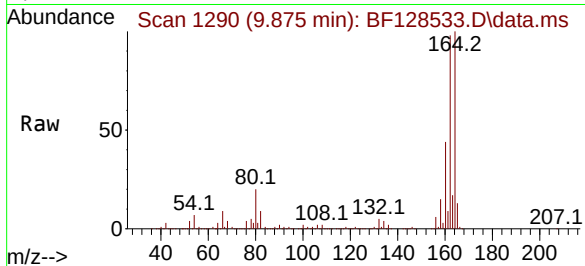




#57
2,4-Dinitrotoluene
Concen: 8.986 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

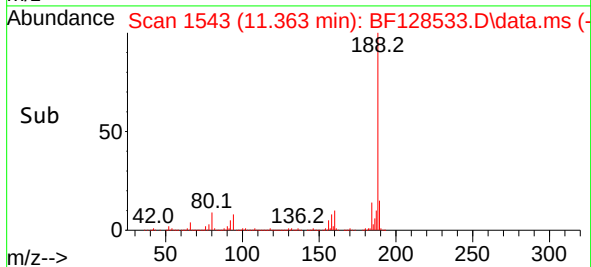
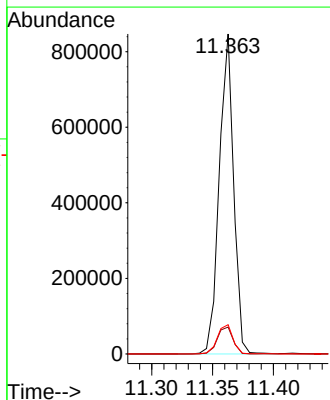
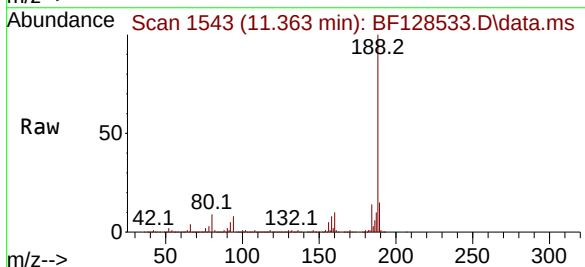
Instrument :
BNA_F
ClientSampleId :
P024-SS006-0006-01

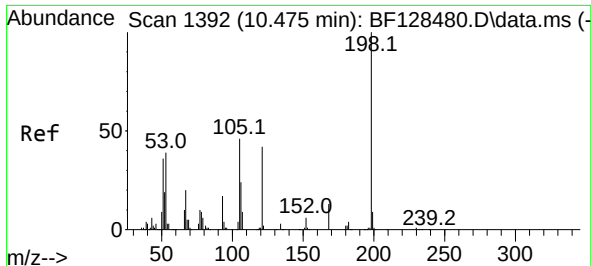
Tgt Ion:165 Resp: 54923
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

Tgt Ion:188 Resp: 696569
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.2 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.772 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128533.D

Acq: 28 May 2022 03:01

Instrument :

BNA_F

ClientSampleId :

P024-SS006-0006-01

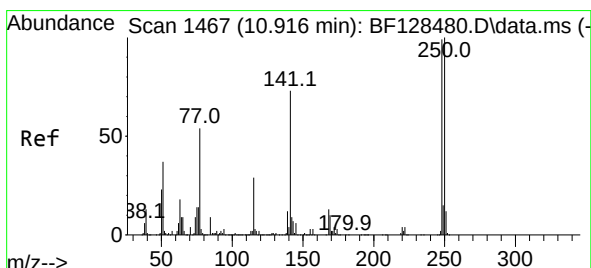
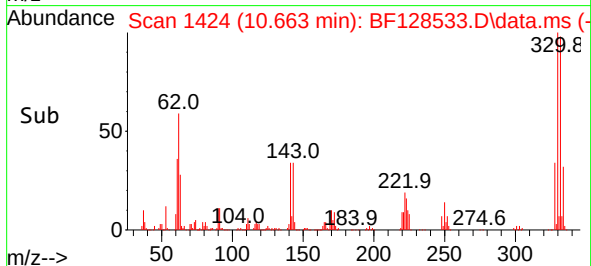
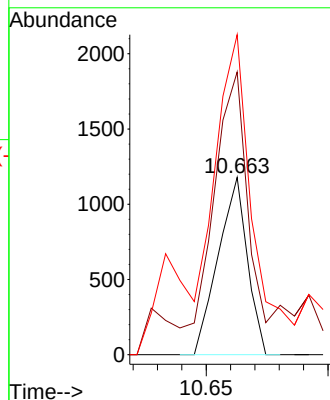
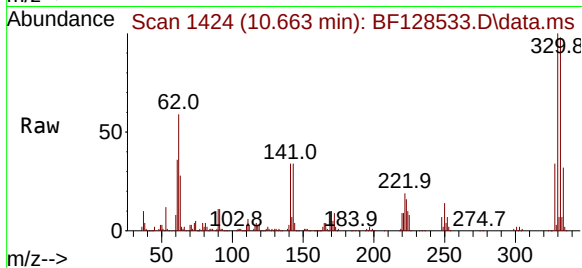
Tgt Ion:198 Resp: 980

Ion Ratio Lower Upper

198 100

51 159.5 37.6 77.6#

105 180.6 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 3.026 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128533.D

Acq: 28 May 2022 03:01

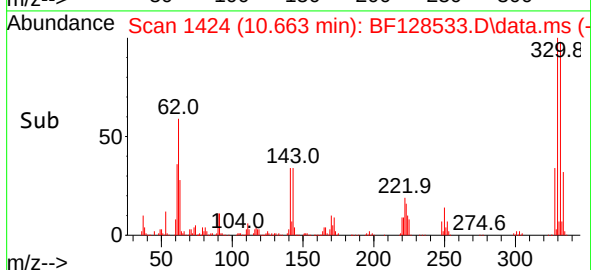
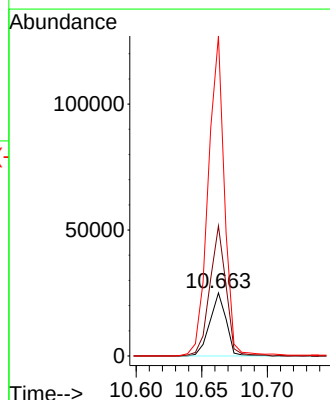
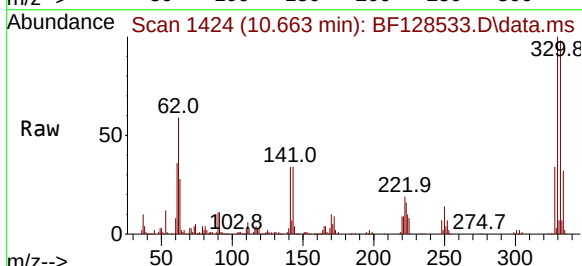
Tgt Ion:248 Resp: 21780

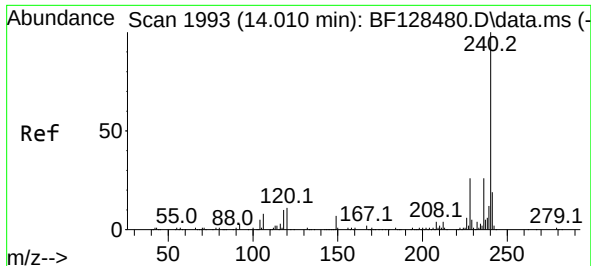
Ion Ratio Lower Upper

248 100

250 206.6 80.6 120.8#

141 507.9 58.9 88.3#

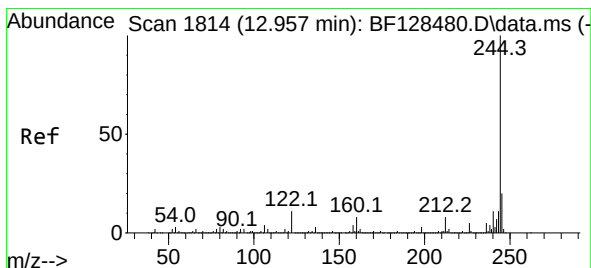
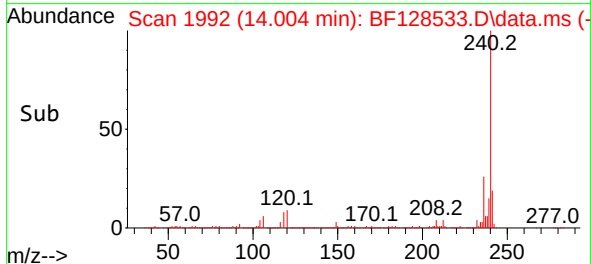
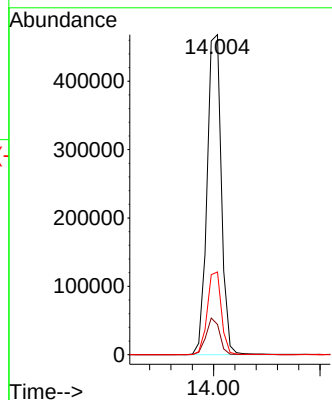
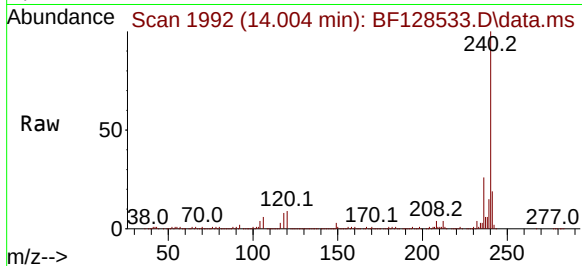




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

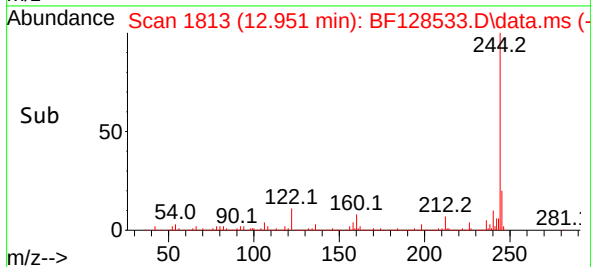
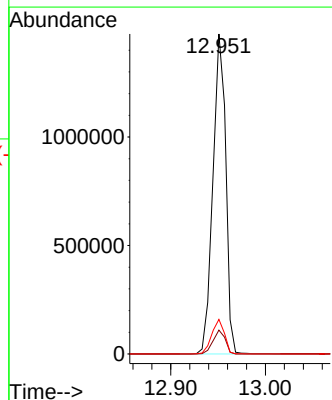
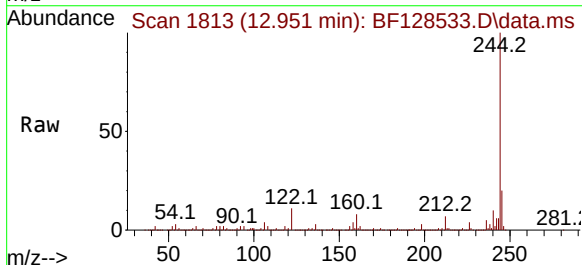
Instrument :
BNA_F
ClientSampleId :
P024-SS006-0006-01

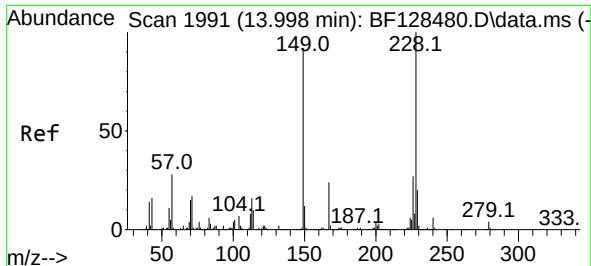
Tgt Ion:240 Resp: 436341
Ion Ratio Lower Upper
240 100
120 9.5 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 61.191 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

Tgt Ion:244 Resp: 1382030
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 10.8 8.8 13.2

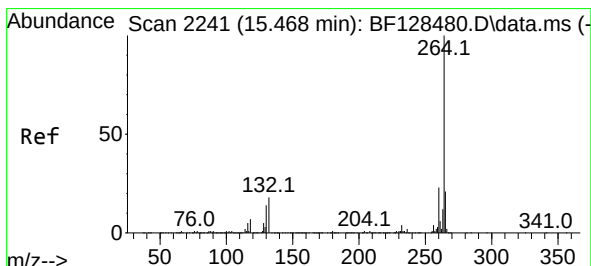
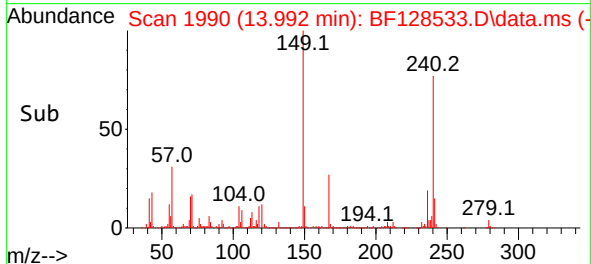
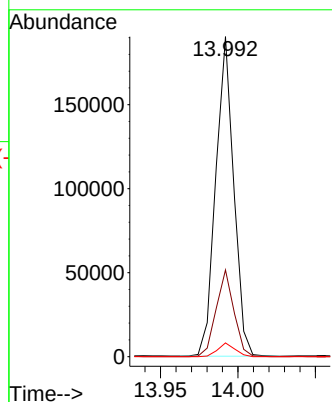
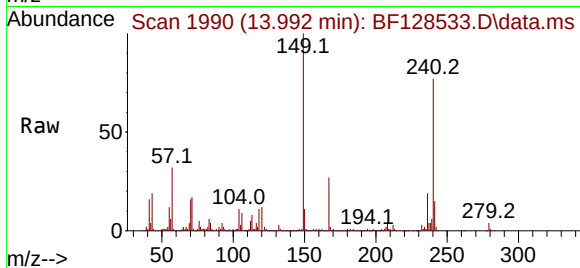




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.145 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

Instrument :
BNA_F
ClientSampleId :
P024-SS006-0006-01

Tgt Ion:149 Resp: 153357
Ion Ratio Lower Upper
149 100
167 27.1 21.0 31.4
279 4.3 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BF128533.D
Acq: 28 May 2022 03:01

Tgt Ion:264 Resp: 432851
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 21.4 17.2 25.8

