

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128537.D
 Acq On : 28 May 2022 05:02
 Operator : CG\JU
 Sample : N2921-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P013-SS002-1218-01

Quant Time: May 28 05:41:32 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)

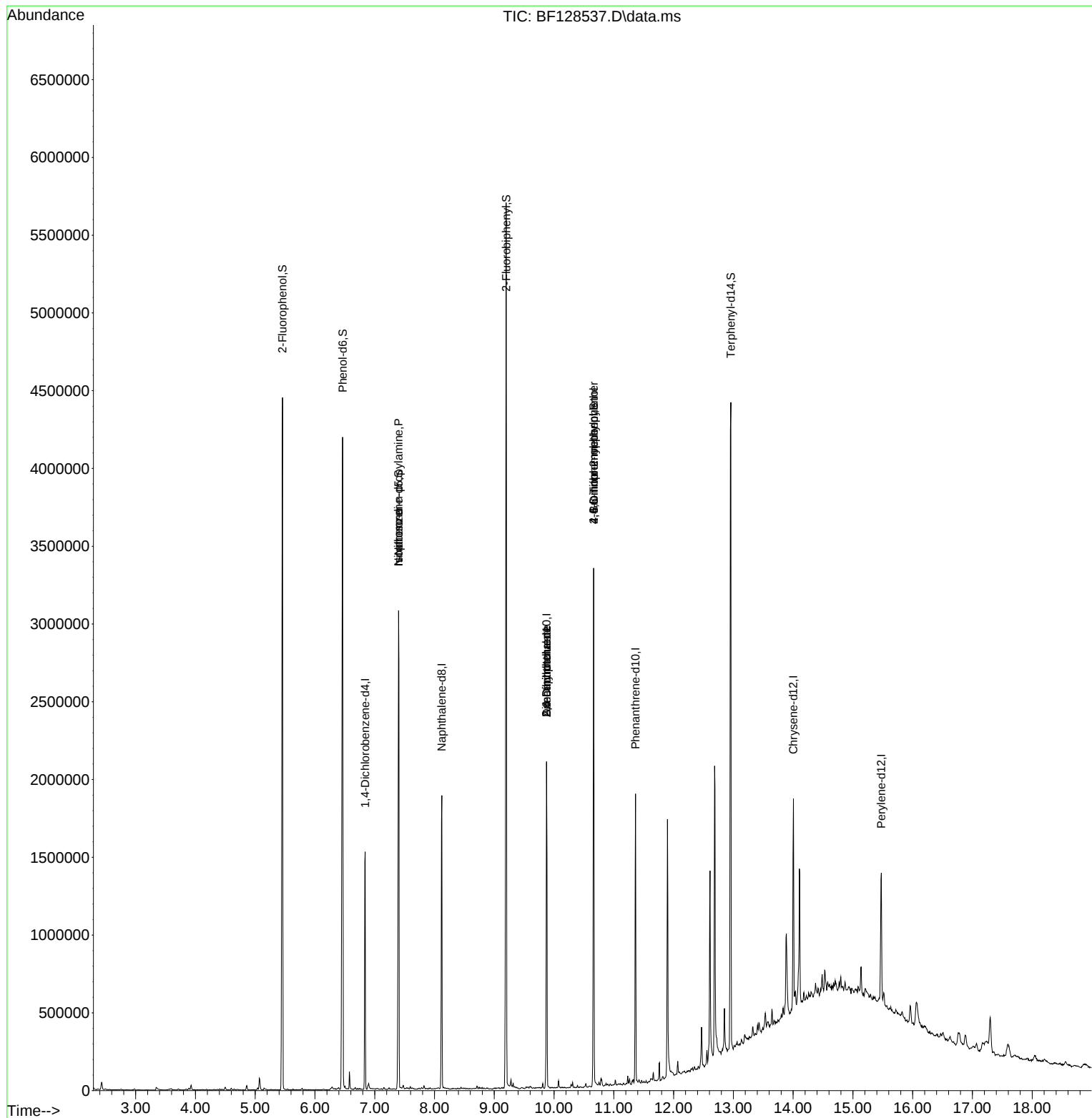
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	227191	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	826365	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	419603	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	660763	20.000	ng	0.00
76) Chrysene-d12	14.004	240	452209	20.000	ng	0.00
86) Perylene-d12	15.474	264	410087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1260213	91.880	ng	0.00
7) Phenol-d6	6.463	99	1636158	93.558	ng	0.00
23) Nitrobenzene-d5	7.398	82	1090303	76.114	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	374501	93.768	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1911233	74.000	ng	0.00
79) Terphenyl-d14	12.957	244	1552861	66.342	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	1656	Below Cal		98
19) n-Nitroso-di-n-propyla...	7.398	70	150585	14.044 ng	#	78
25) Isophorone	7.398	82	1081880	40.941 ng	#	65
50) Dimethylphthalate	9.875	163	71564	2.629 ng	#	1
51) 2,6-Dinitrotoluene	9.875	165	54713	10.968 ng	#	25
57) 2,4-Dinitrotoluene	9.875	165	54713	9.168 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.663	198	932	5.772 ng	#	1
67) 4-Bromophenyl-phenylether	10.663	248	24781	3.630 ng	#	1

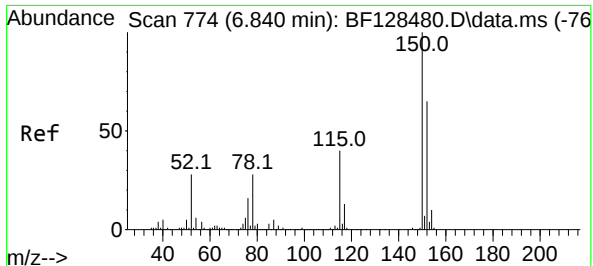
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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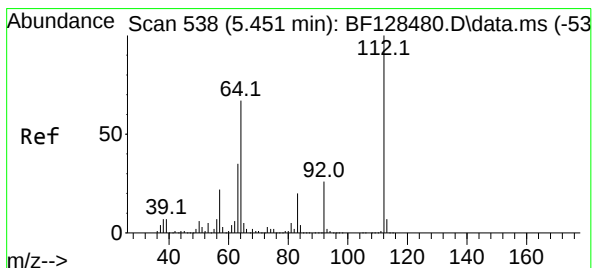
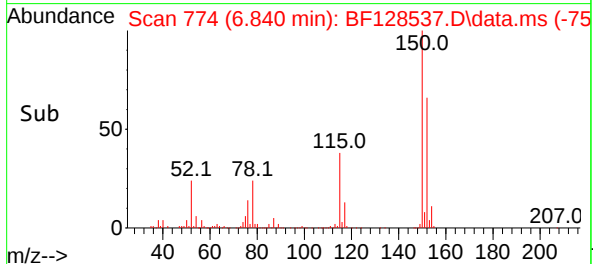
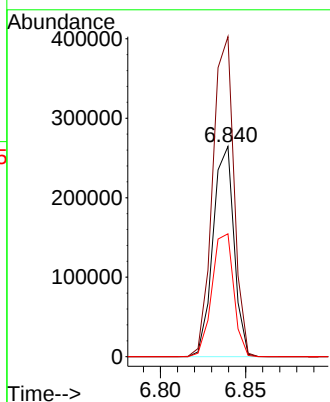
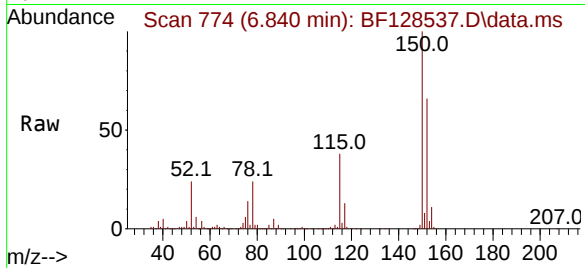




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

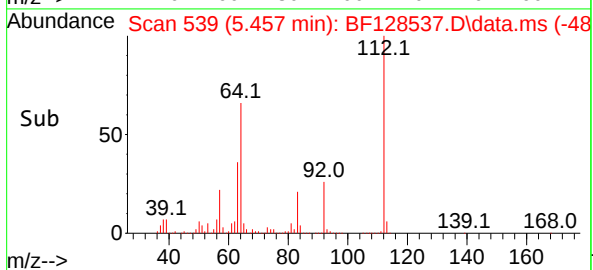
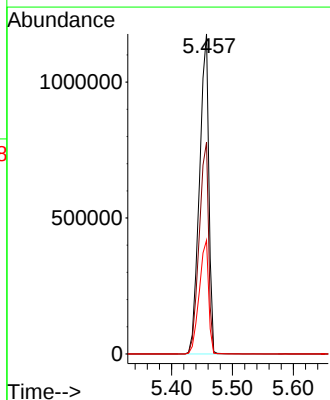
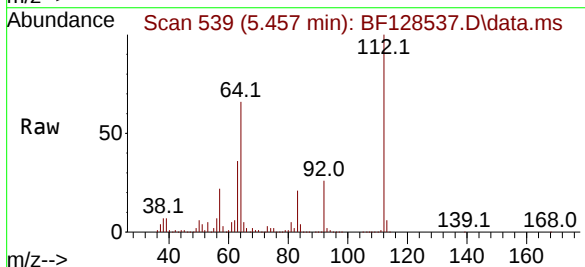
Instrument :
BNA_F
ClientSampleId :
P013-SS002-1218-01

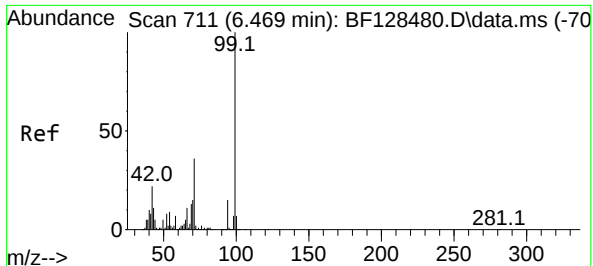
Tgt Ion:152 Resp: 227191
Ion Ratio Lower Upper
152 100
150 152.3 123.7 185.5
115 58.5 49.9 74.9



#5
2-Fluorophenol
Concen: 91.880 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

Tgt Ion:112 Resp: 1260213
Ion Ratio Lower Upper
112 100
64 66.2 53.3 79.9
63 35.5 28.0 42.0

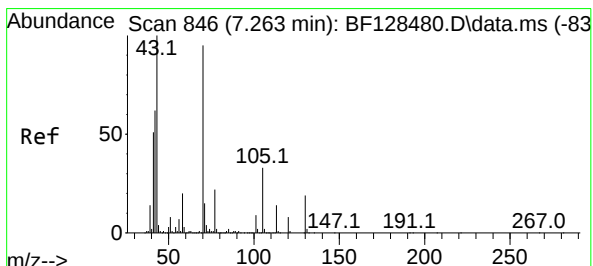
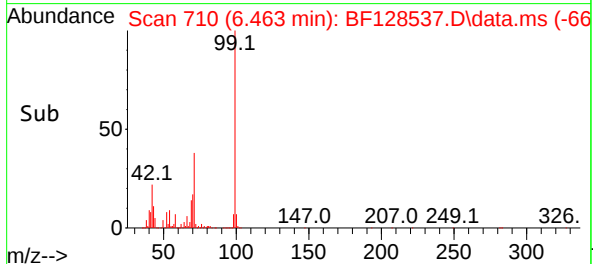
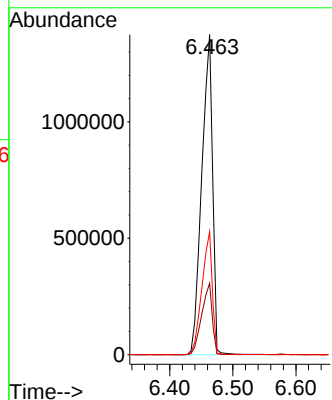
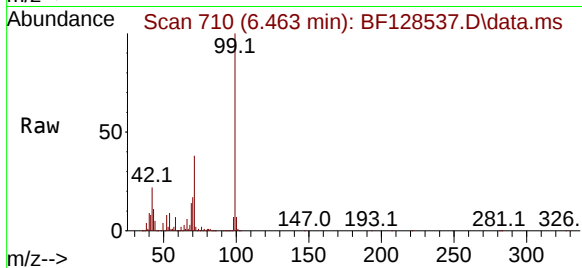




#7
Phenol-d6
Concen: 93.558 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

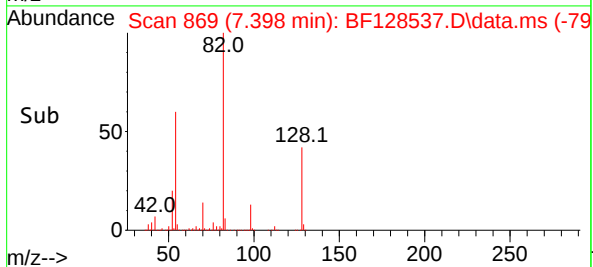
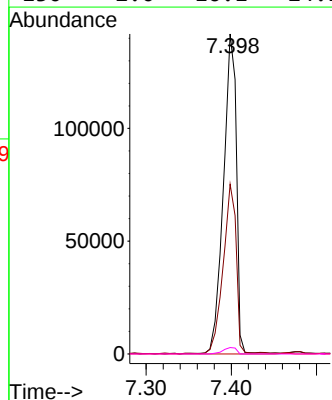
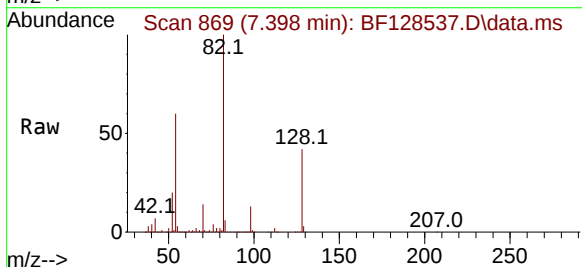
Instrument :
BNA_F
ClientSampleId :
P013-SS002-1218-01

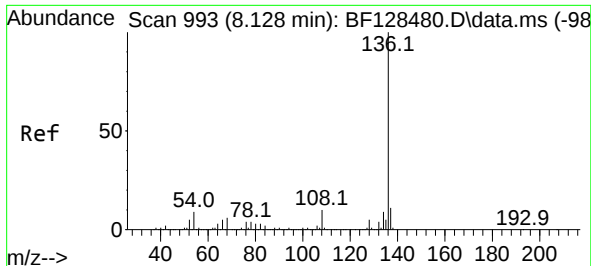
Tgt Ion: 99 Resp: 1636158
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 38.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.044 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

Tgt Ion: 70 Resp: 150585
Ion Ratio Lower Upper
70 100
42 53.0 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: BF128537.D

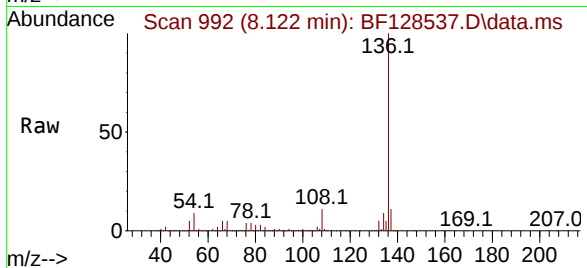
Acq: 28 May 2022 05:02

Instrument :

BNA_F

ClientSampleId :

P013-SS002-1218-01



Tgt Ion:136 Resp: 826365

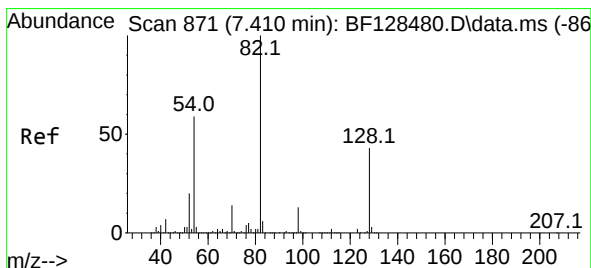
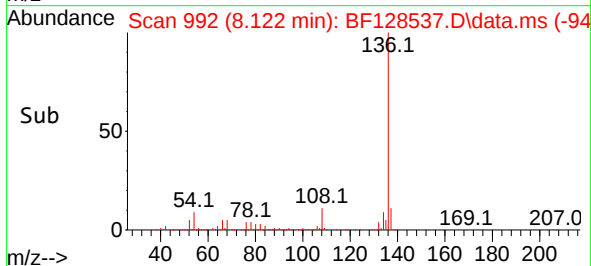
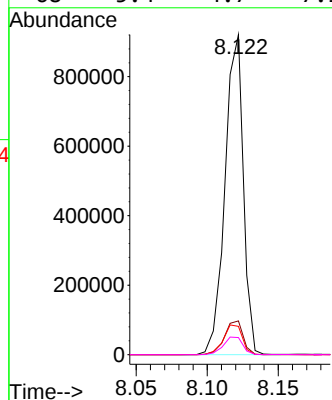
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.8 7.5 11.3

68 5.4 4.7 7.1



#23

Nitrobenzene-d5

Concen: 76.114 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128537.D

Acq: 28 May 2022 05:02

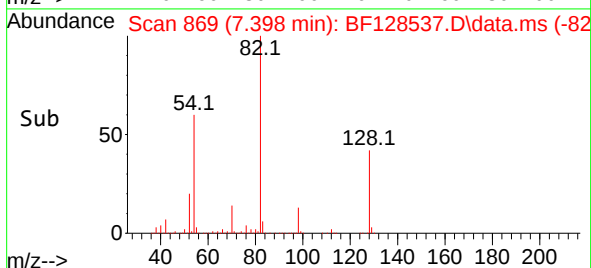
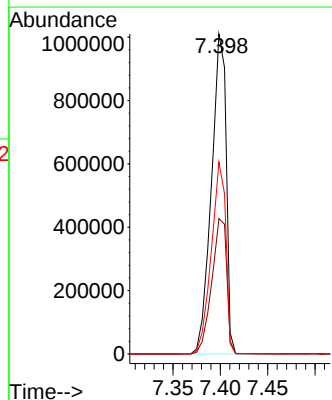
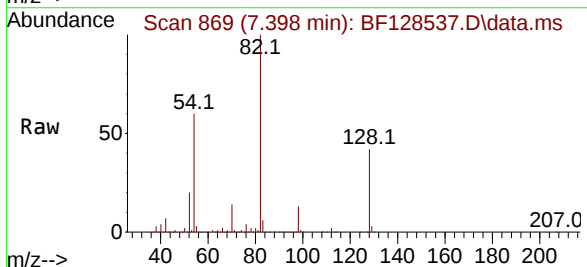
Tgt Ion: 82 Resp: 1090303

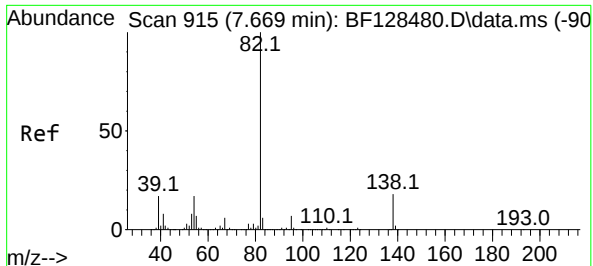
Ion Ratio Lower Upper

82 100

128 42.3 34.0 51.0

54 60.0 46.9 70.3

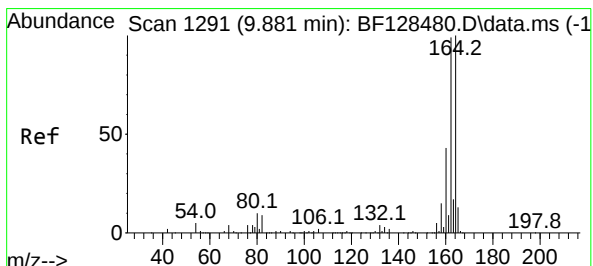
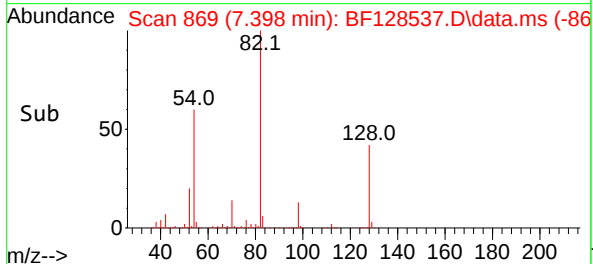
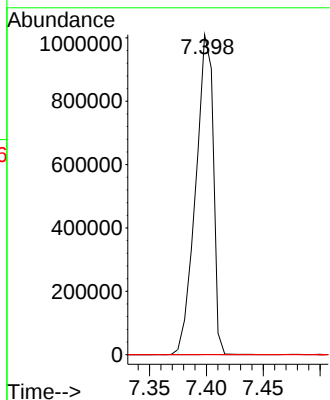
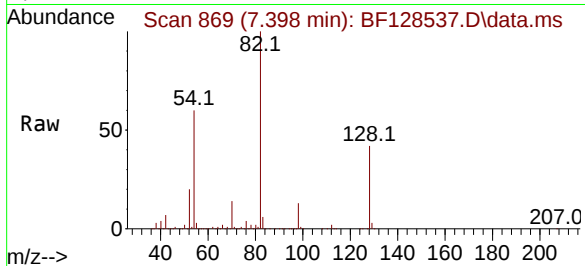




#25
Isophorone
Concen: 40.941 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.270 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

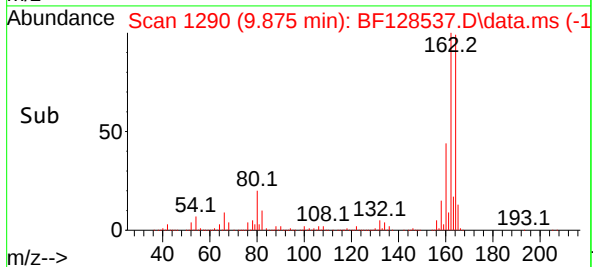
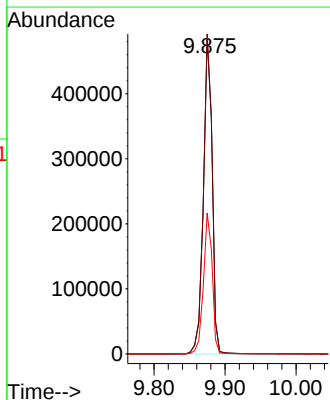
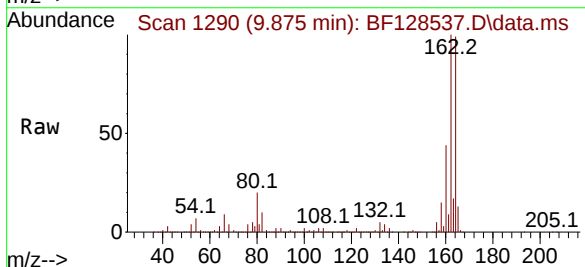
Instrument :
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P013-SS002-1218-01

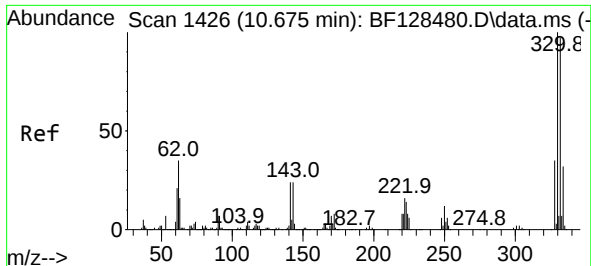
Tgt Ion: 82 Resp: 1081880
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

Tgt Ion:164 Resp: 419603
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 44.6 34.2 51.4

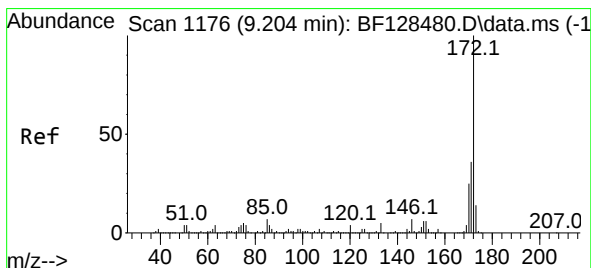
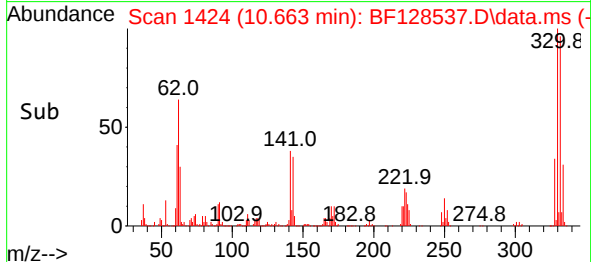
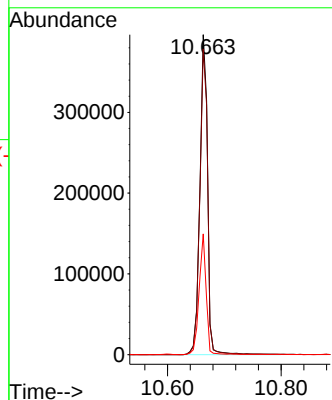
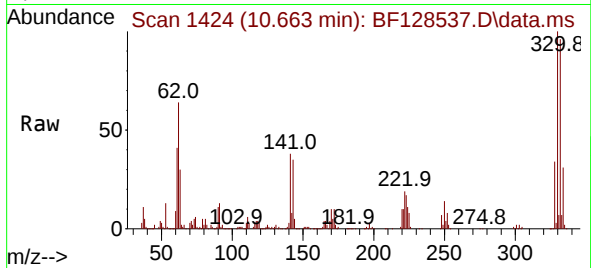




#42
 2,4,6-Tribromophenol
 Concen: 93.768 ng
 RT: 10.663 min Scan# 1424
 Delta R.T. -0.012 min
 Lab File: BF128537.D
 Acq: 28 May 2022 05:02

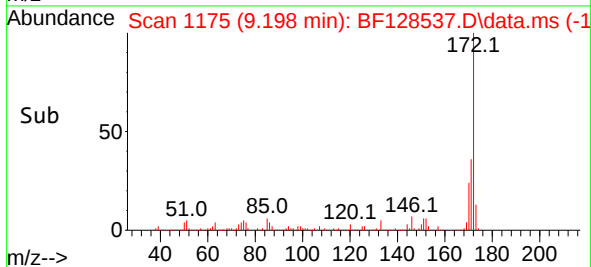
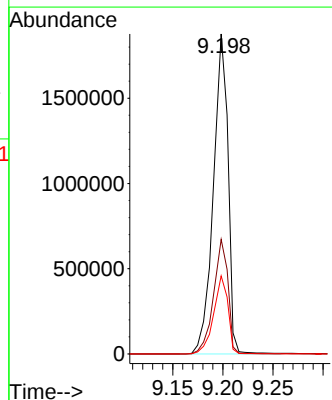
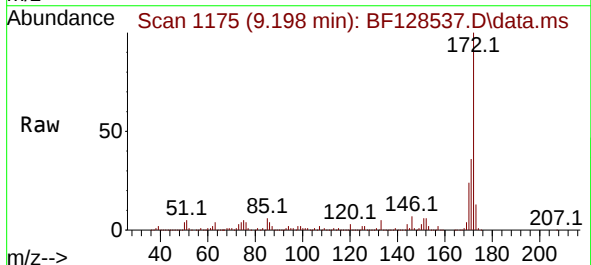
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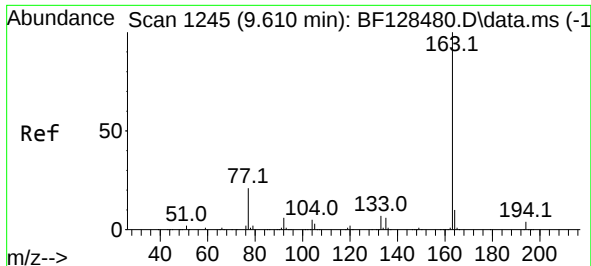
Tgt Ion:330 Resp: 374501
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 34.7 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 74.000 ng
 RT: 9.198 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BF128537.D
 Acq: 28 May 2022 05:02

Tgt Ion:172 Resp: 1911233
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.8 43.2
 170 24.4 19.8 29.8

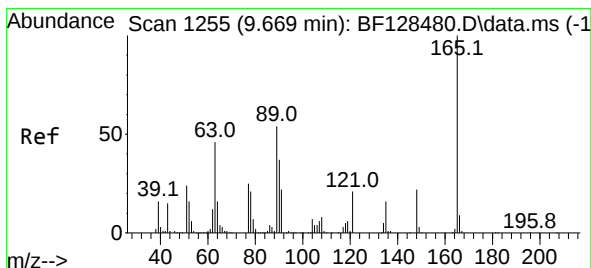
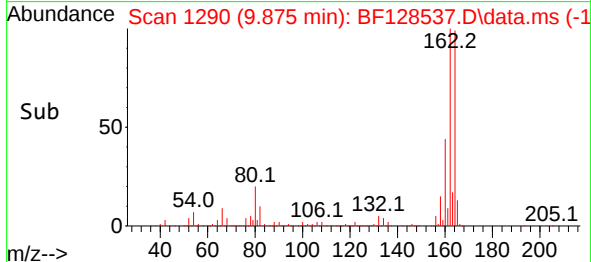
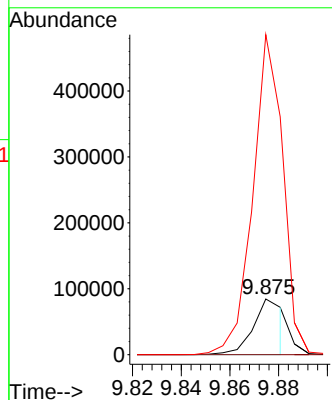
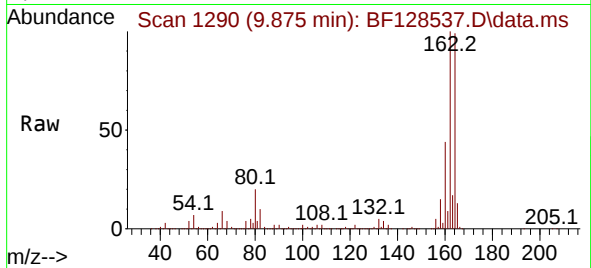




#50
Dimethylphthalate
Concen: 2.629 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

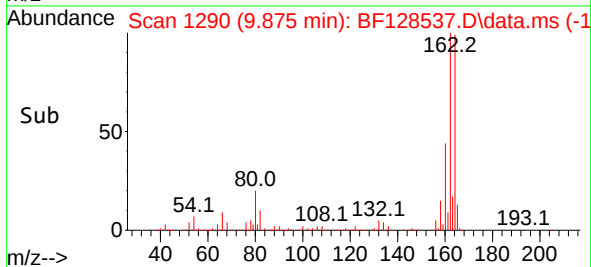
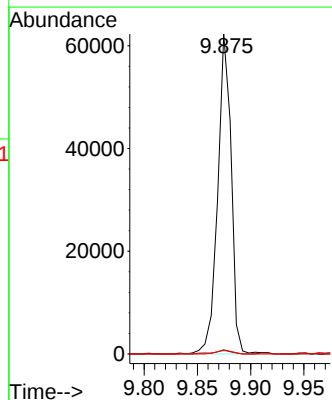
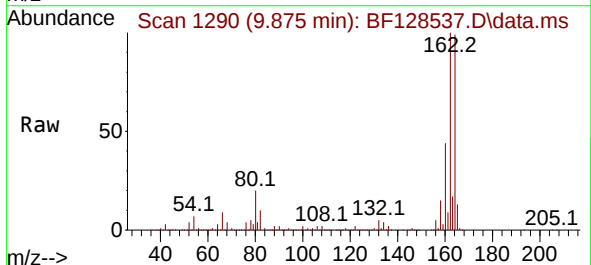
Instrument :
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ClientSampleId :
P013-SS002-1218-01

Tgt Ion:163 Resp: 71564
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 575.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.968 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

Tgt Ion:165 Resp: 54713
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.1 43.6 65.4#

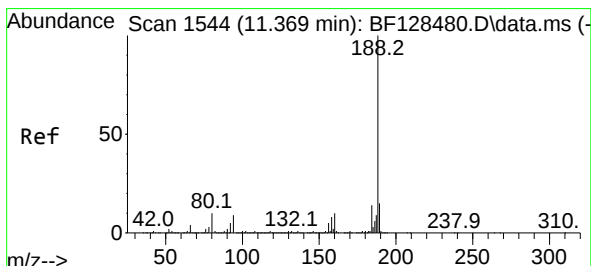
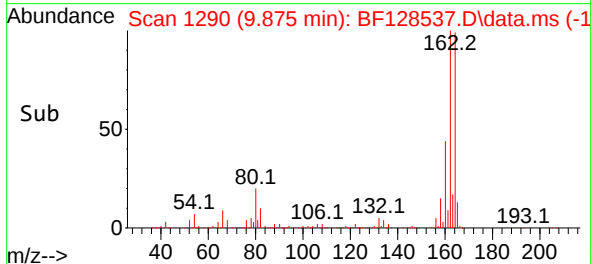
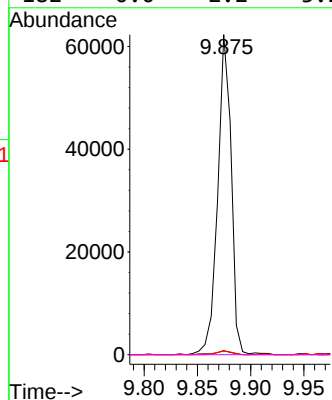
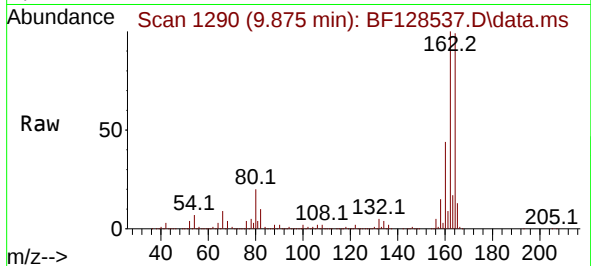




#57
2,4-Dinitrotoluene
Concen: 9.168 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

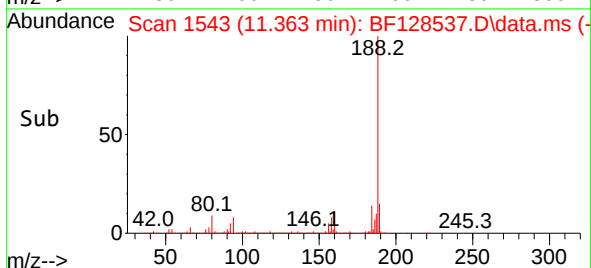
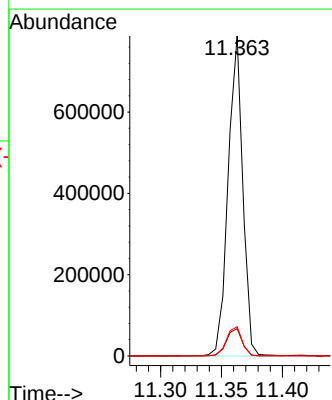
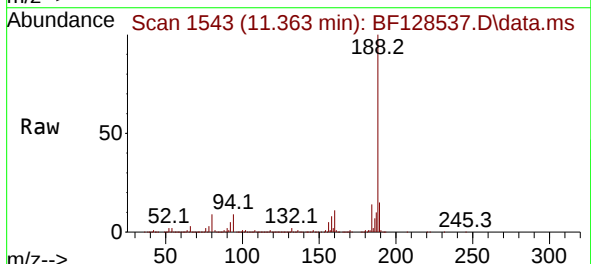
Instrument :
BNA_F
ClientSampleId :
P013-SS002-1218-01

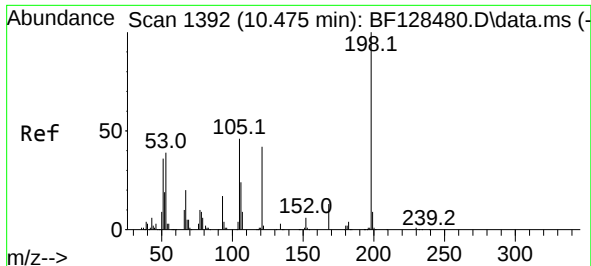
Tgt Ion:165 Resp: 54713
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

Tgt Ion:188 Resp: 660763
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.1 7.6 11.4

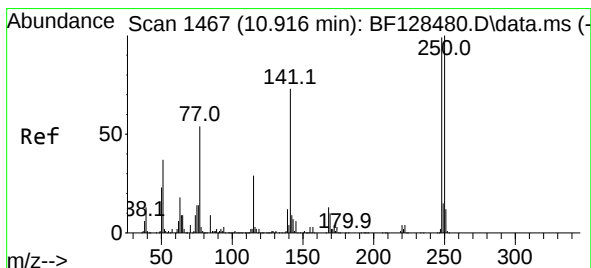
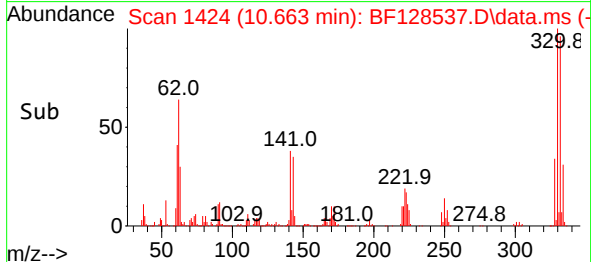
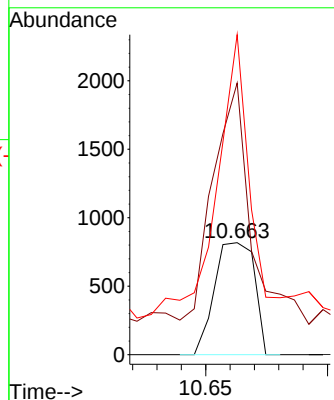
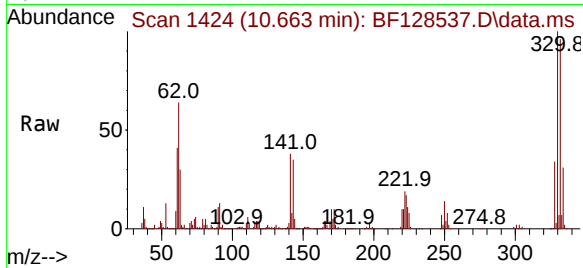




#65
4,6-Dinitro-2-methylphenol
Concen: 5.772 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

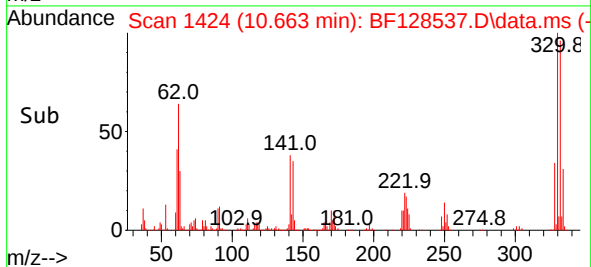
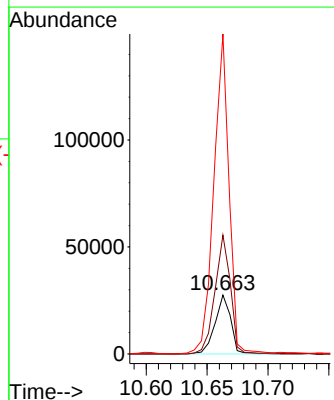
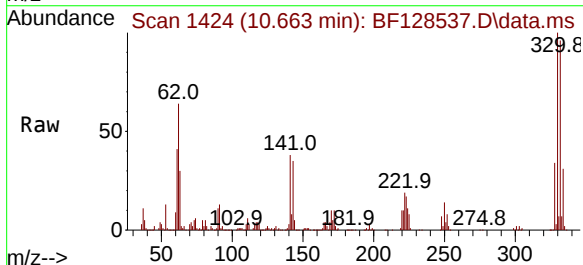
Instrument :
BNA_F
ClientSampleId :
P013-SS002-1218-01

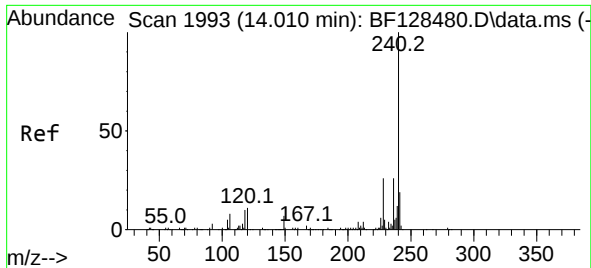
Tgt Ion:198 Resp: 932
Ion Ratio Lower Upper
198 100
51 242.5 37.6 77.6#
105 285.7 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.630 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

Tgt Ion:248 Resp: 24781
Ion Ratio Lower Upper
248 100
250 201.9 80.6 120.8#
141 543.8 58.9 88.3#

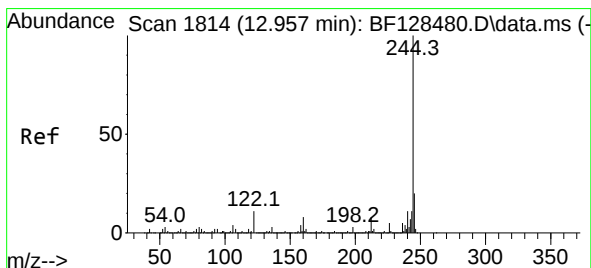
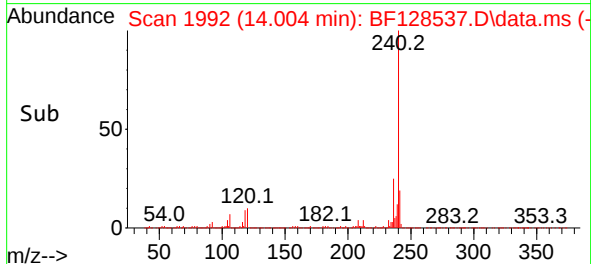
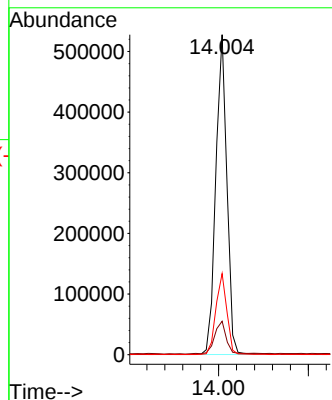
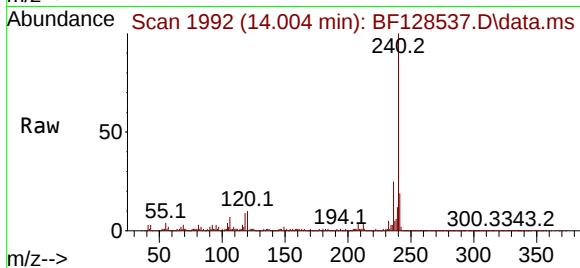




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

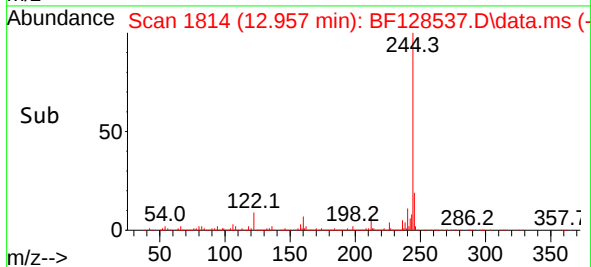
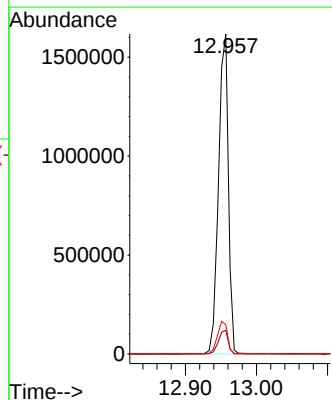
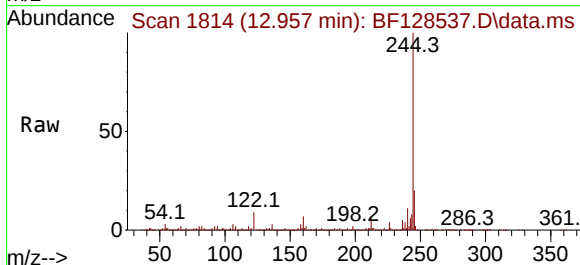
Instrument :
BNA_F
ClientSampleId :
P013-SS002-1218-01

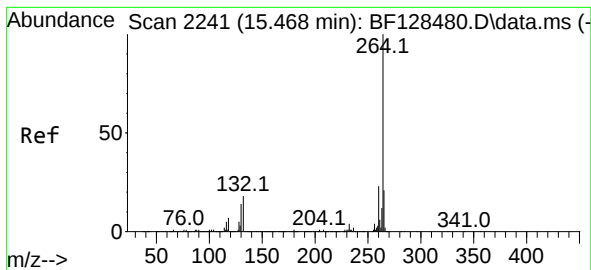
Tgt Ion:240 Resp: 452209
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.4 20.8 31.2



#79
Terphenyl-d14
Concen: 66.342 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF128537.D
Acq: 28 May 2022 05:02

Tgt Ion:244 Resp: 1552861
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 9.1 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128537.D

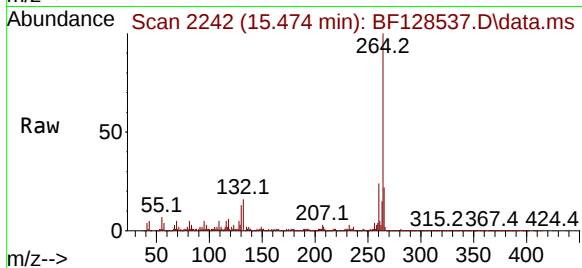
Acq: 28 May 2022 05:02

Instrument :

BNA_F

ClientSampleId :

P013-SS002-1218-01



Tgt Ion:264 Resp: 410087

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.6 17.2 25.8

