

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128584.D
 Acq On : 29 May 2022 21:29
 Operator : CG\JU
 Sample : N2951-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-0006-01

Quant Time: May 30 00:53:05 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)

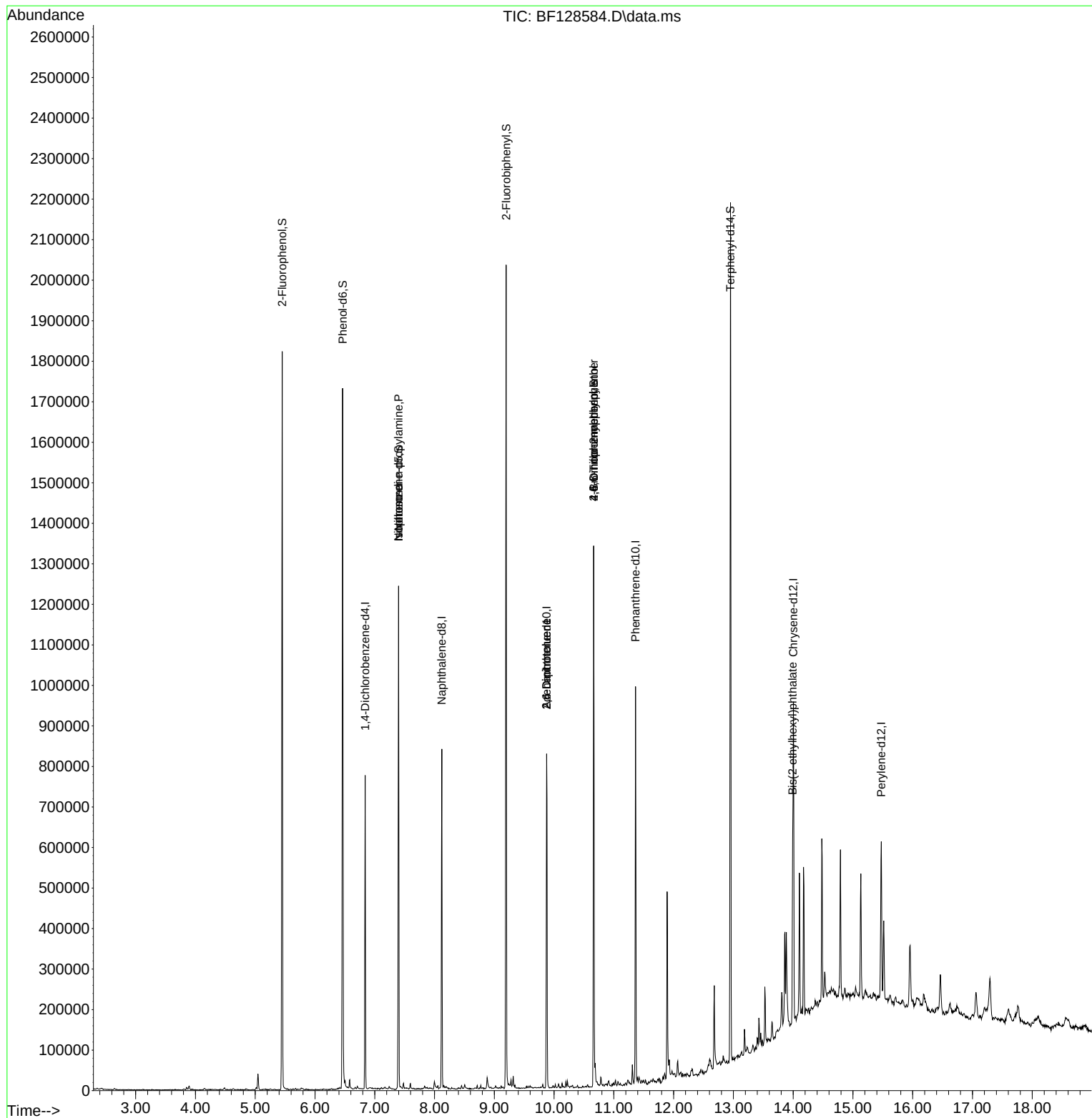
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	94009	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	312645	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	167059	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	326013	20.000	ng	0.00
76) Chrysene-d12	14.004	240	253296	20.000	ng	0.00
86) Perylene-d12	15.474	264	188223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	414658	73.061	ng	0.00
7) Phenol-d6	6.463	99	481083	66.481	ng	0.00
23) Nitrobenzene-d5	7.398	82	323930	59.770	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	139317	87.614	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	574800	55.899	ng	0.00
79) Terphenyl-d14	12.951	244	683120	52.103	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	893	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.398	70	44931	10.127	ng	# 79
25) Isophorone	7.398	82	323028	32.310	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	21131	10.640	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	21131	8.893	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.663	198	323	5.692	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	9376	2.784	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.992	149	91992	9.450	ng	97

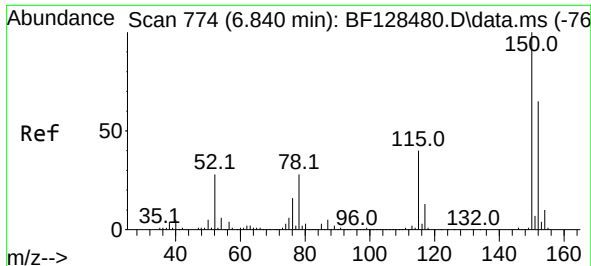
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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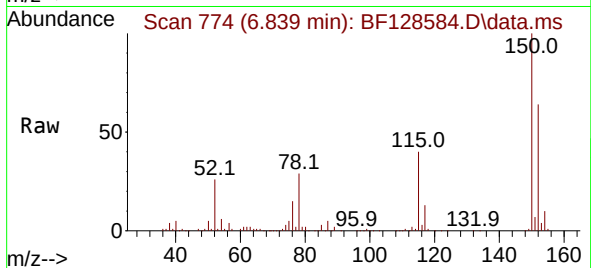
Quant Time: May 30 00:53:05 2022
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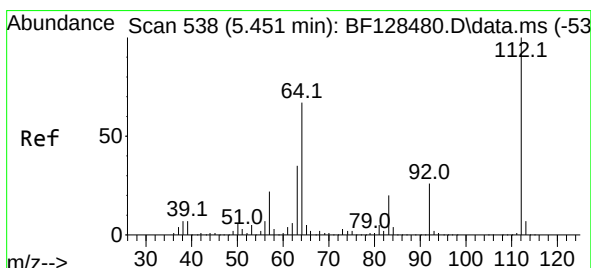
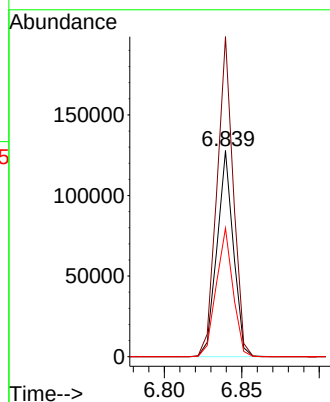
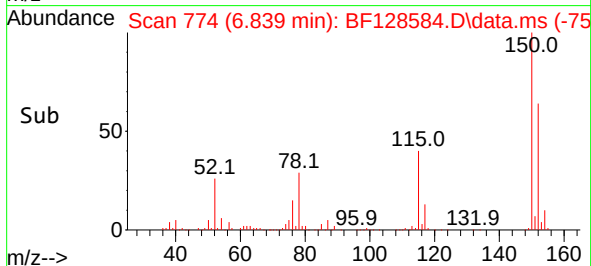


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128584.D
Acq: 29 May 2022 21:29

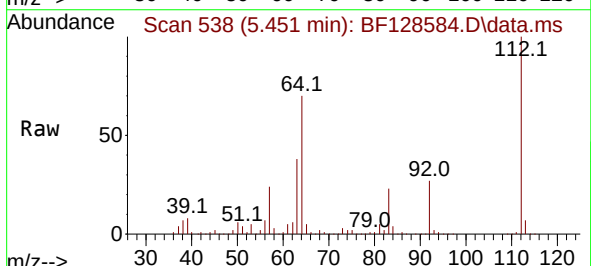
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0006-01



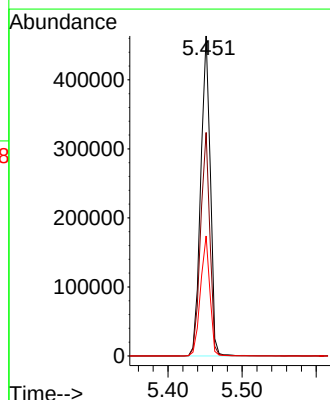
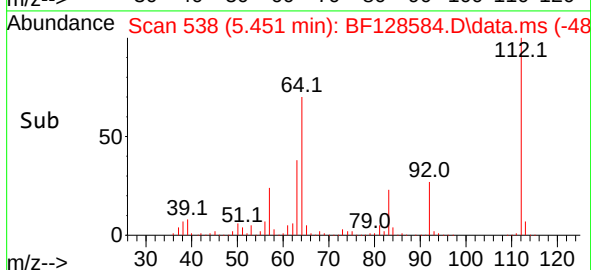
Tgt Ion:152 Resp: 94009
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 62.3 49.9 74.9

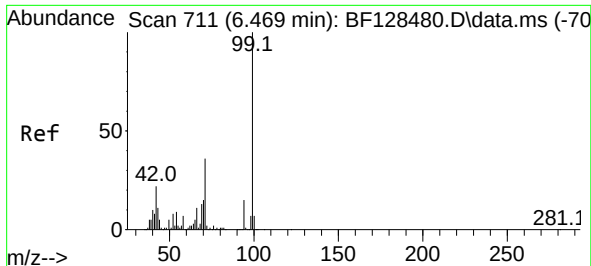


#5
2-Fluorophenol
Concen: 73.061 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128584.D
Acq: 29 May 2022 21:29



Tgt Ion:112 Resp: 414658
Ion Ratio Lower Upper
112 100
64 69.9 53.3 79.9
63 37.5 28.0 42.0

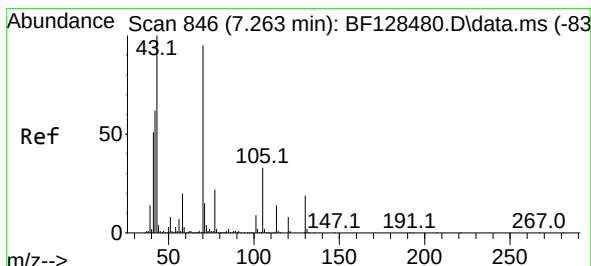
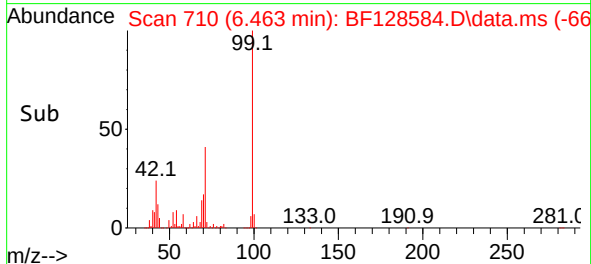
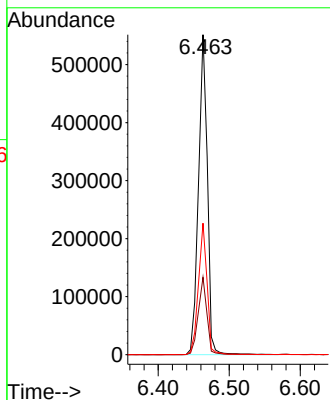
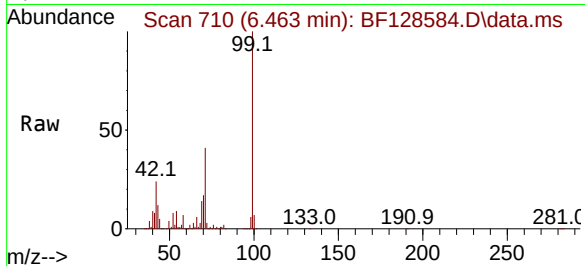




#7
Phenol-d6
Concen: 66.481 ng
RT: 6.463 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF128584.D
Acq: 29 May 2022 21:29

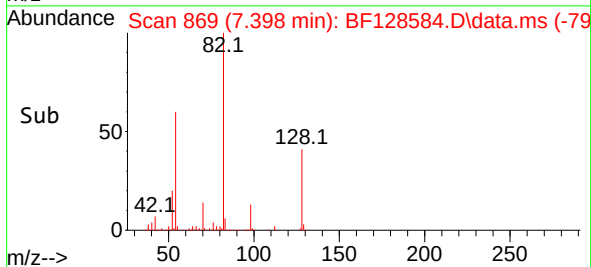
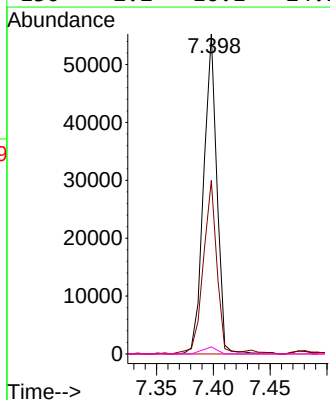
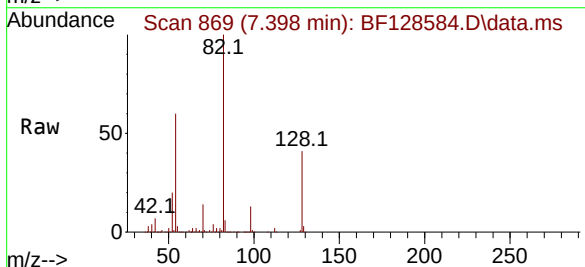
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0006-01

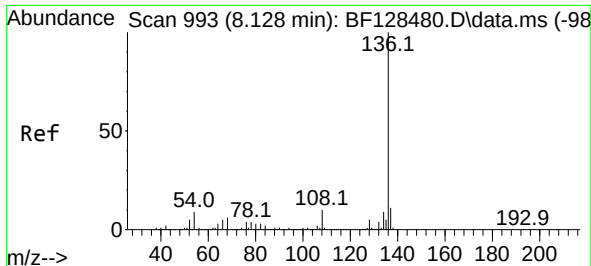
Tgt Ion: 99 Resp: 481083
Ion Ratio Lower Upper
99 100
42 24.2 17.3 25.9
71 41.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.127 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128584.D
Acq: 29 May 2022 21:29

Tgt Ion: 70 Resp: 44931
Ion Ratio Lower Upper
70 100
42 54.2 52.3 78.5
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

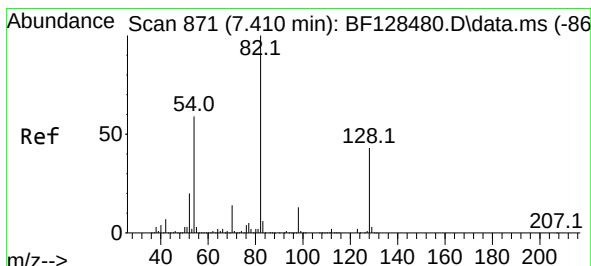
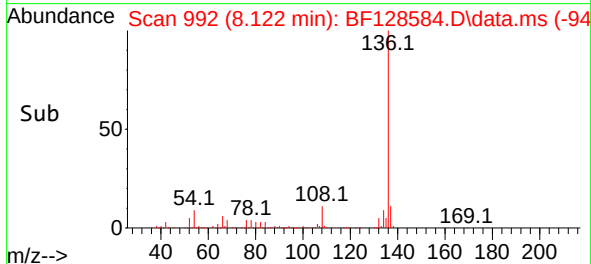
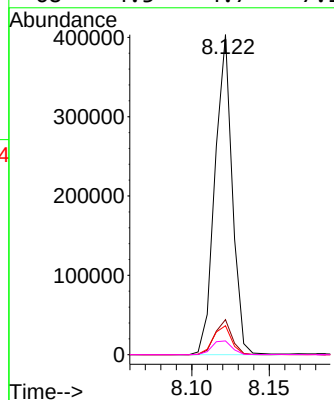
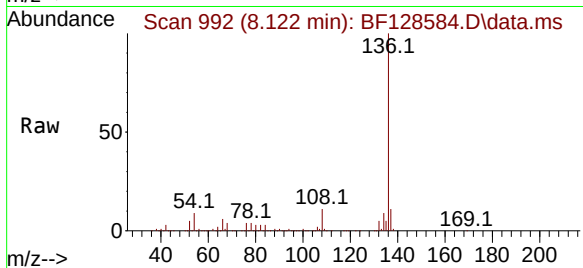




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128584.D
Acq: 29 May 2022 21:29

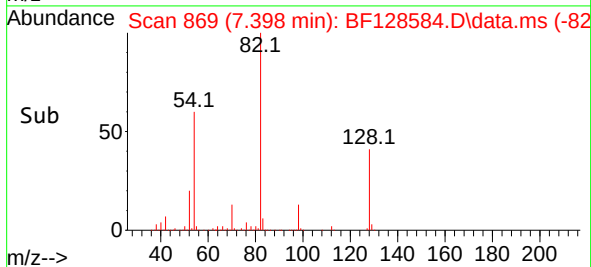
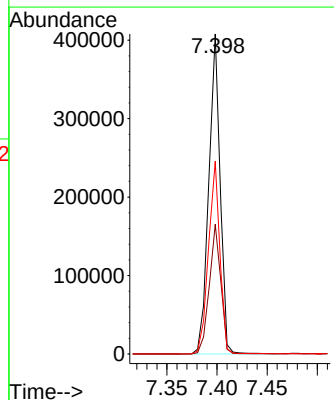
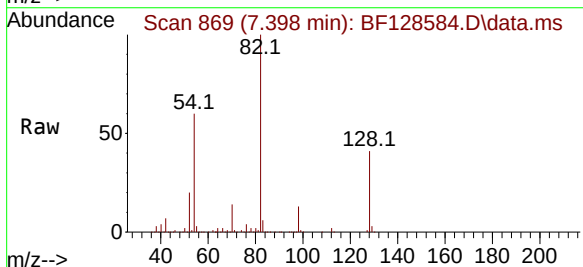
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0006-01

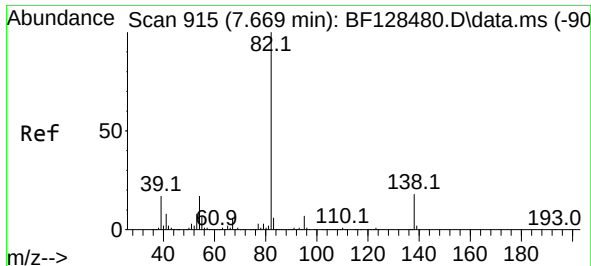
Tgt Ion:136 Resp: 312645
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.1 7.5 11.3
68 4.3 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 59.770 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128584.D
Acq: 29 May 2022 21:29

Tgt Ion: 82 Resp: 323930
Ion Ratio Lower Upper
82 100
128 40.5 34.0 51.0
54 60.2 46.9 70.3

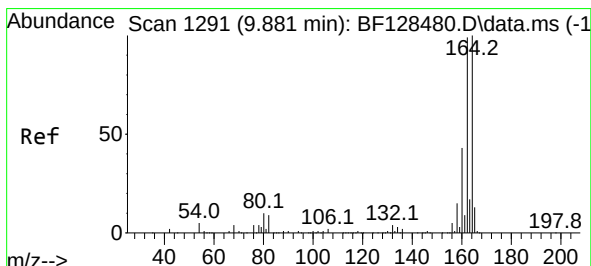
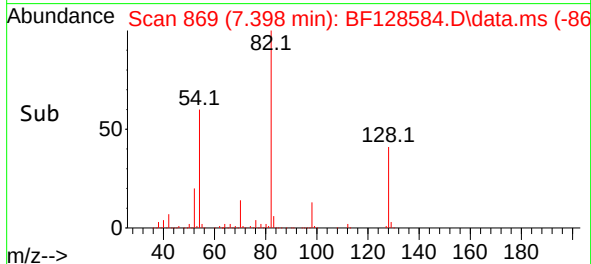
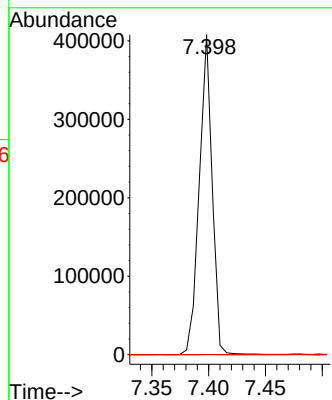
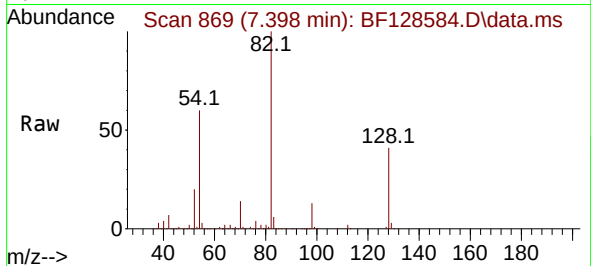




#25
Isophorone
Concen: 32.310 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128584.D
Acq: 29 May 2022 21:29

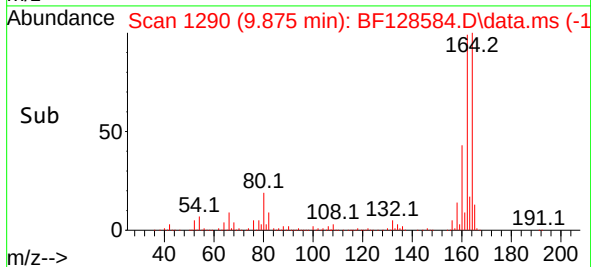
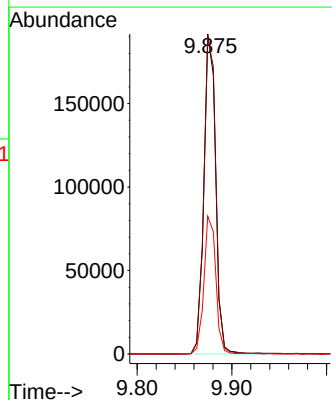
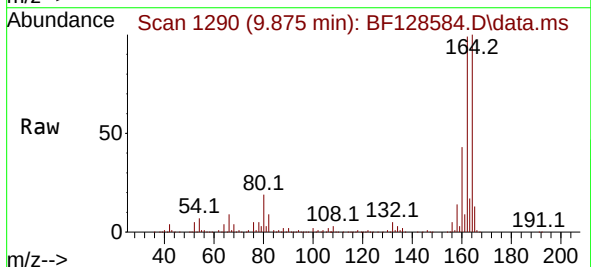
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0006-01

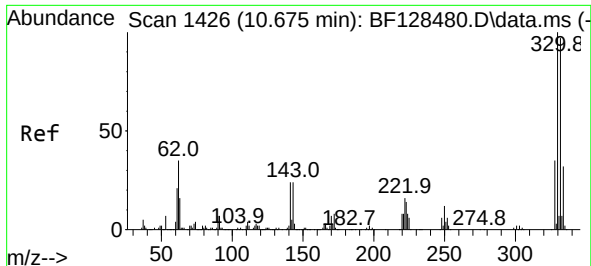
Tgt Ion: 82 Resp: 323028
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128584.D
Acq: 29 May 2022 21:29

Tgt Ion:164 Resp: 167059
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 43.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 87.614 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128584.D

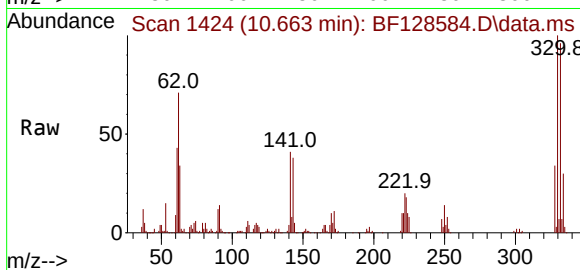
Acq: 29 May 2022 21:29

Instrument :

BNA_F

ClientSampleId :

P036-SS001-0006-01



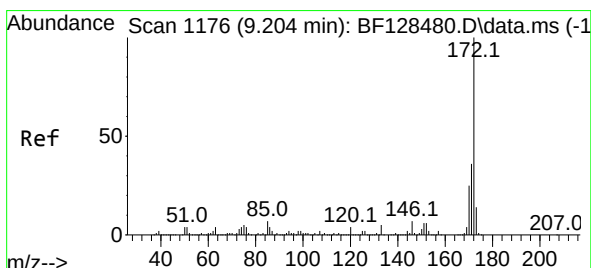
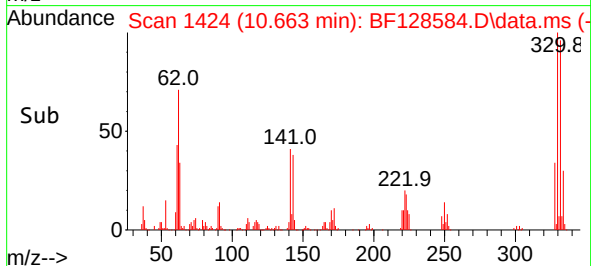
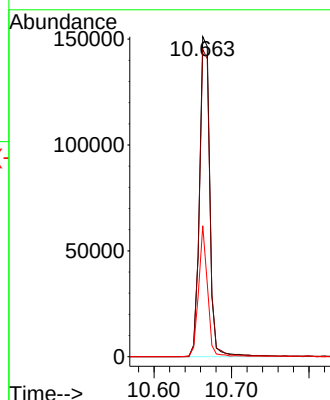
Tgt Ion:330 Resp: 139317

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

141 35.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 55.899 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128584.D

Acq: 29 May 2022 21:29

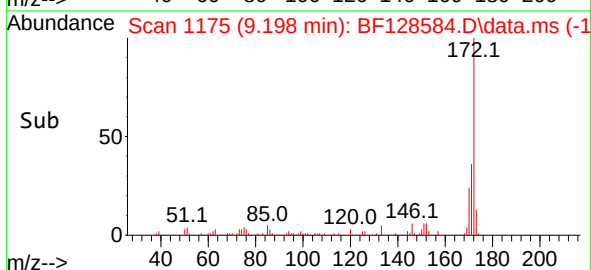
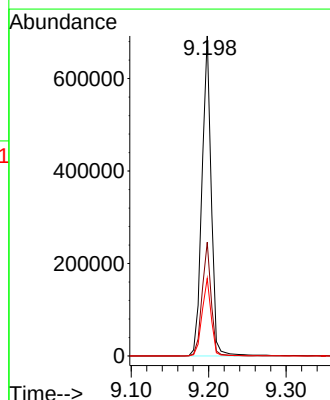
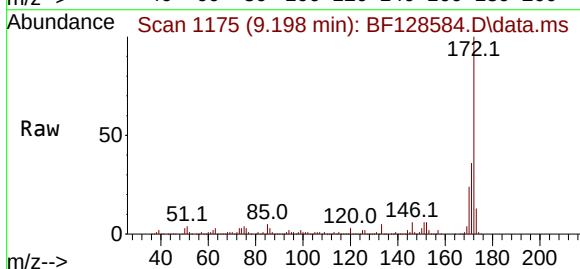
Tgt Ion:172 Resp: 574800

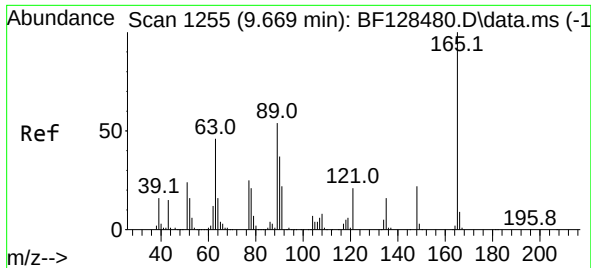
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.3 19.8 29.8

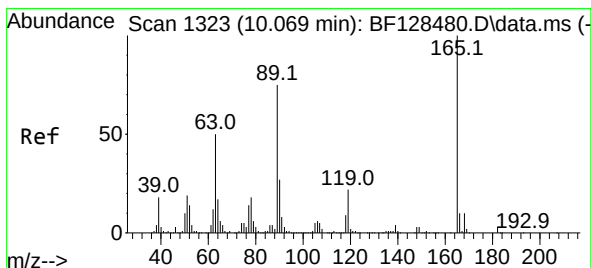
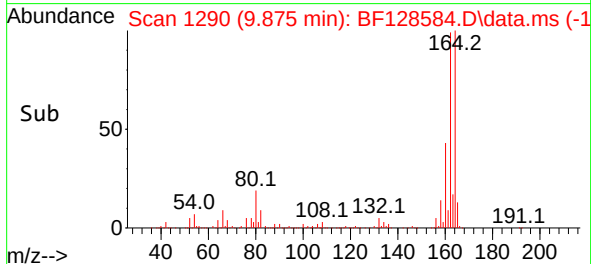
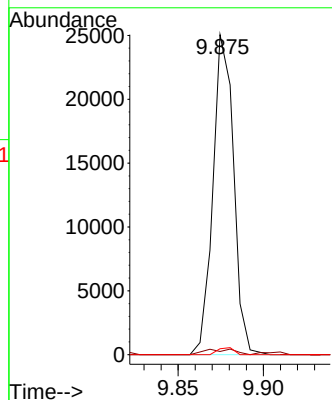
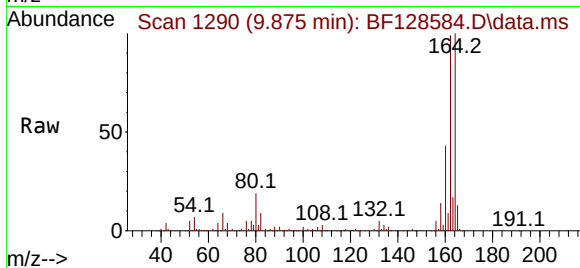




#51
2,6-Dinitrotoluene
Concen: 10.640 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128584.D
Acq: 29 May 2022 21:29

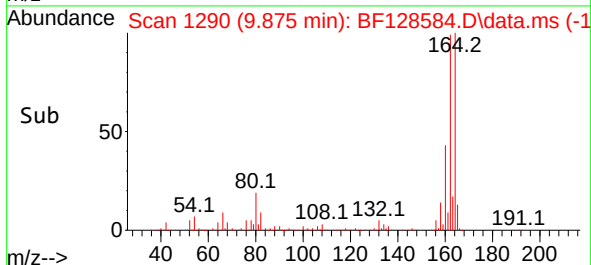
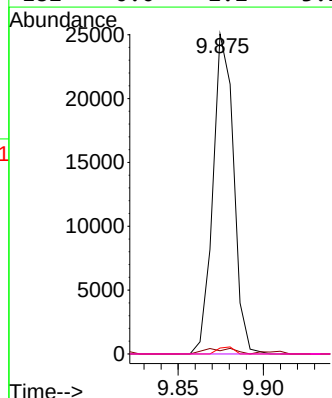
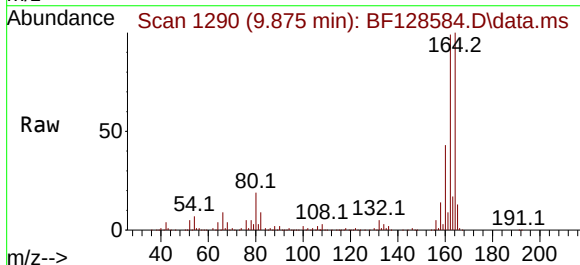
Instrument :
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P036-SS001-0006-01

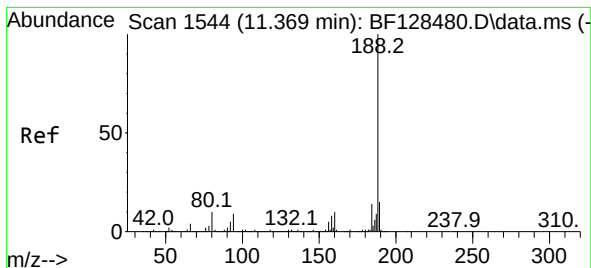
Tgt Ion:165 Resp: 21131
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.9 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.893 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.194 min
Lab File: BF128584.D
Acq: 29 May 2022 21:29

Tgt Ion:165 Resp: 21131
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.9 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128584.D

Acq: 29 May 2022 21:29

Instrument :

BNA_F

ClientSampleId :

P036-SS001-0006-01

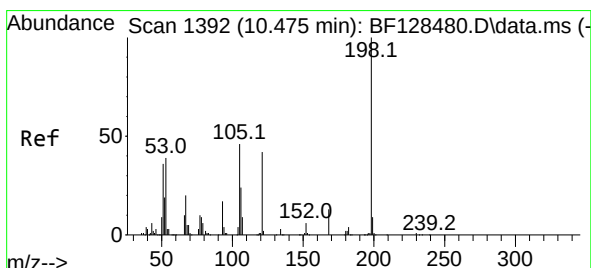
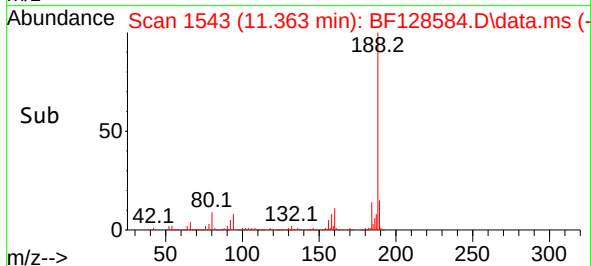
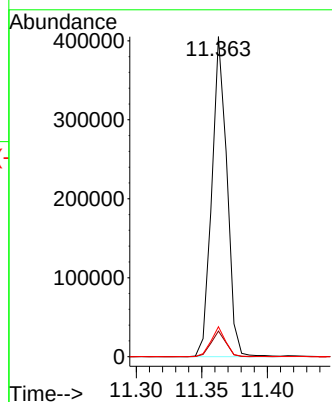
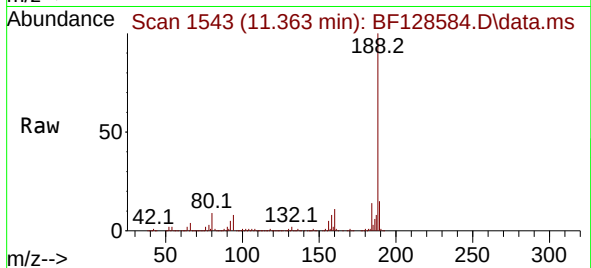
Tgt Ion:188 Resp: 326013

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 9.3 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.692 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128584.D

Acq: 29 May 2022 21:29

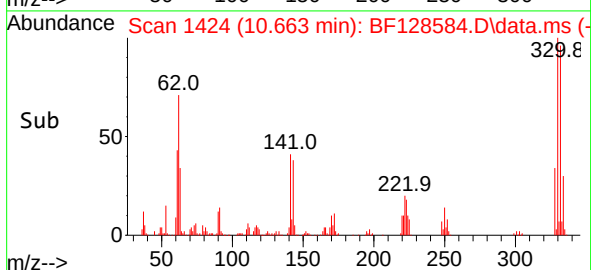
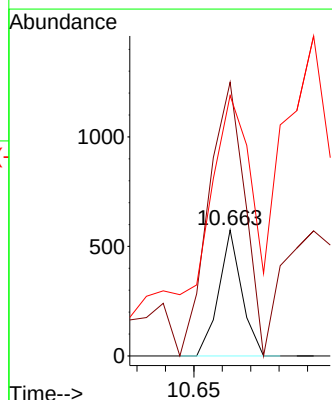
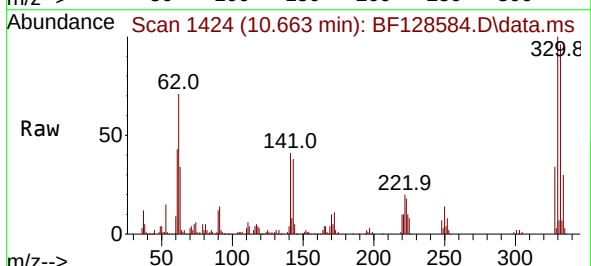
Tgt Ion:198 Resp: 323

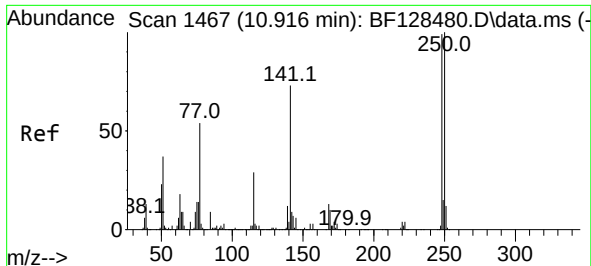
Ion Ratio Lower Upper

198 100

51 217.4 37.6 77.6#

105 206.8 27.0 67.0#

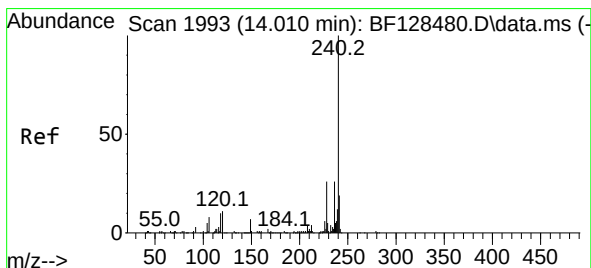
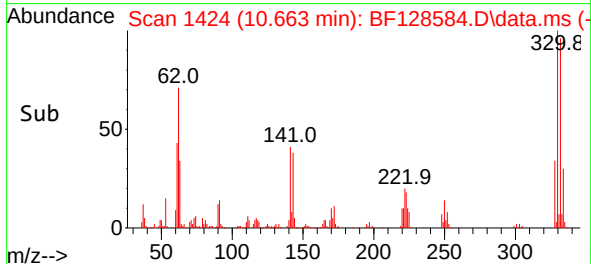
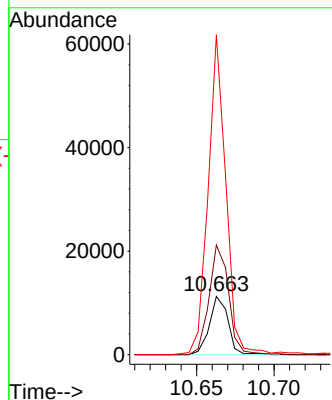
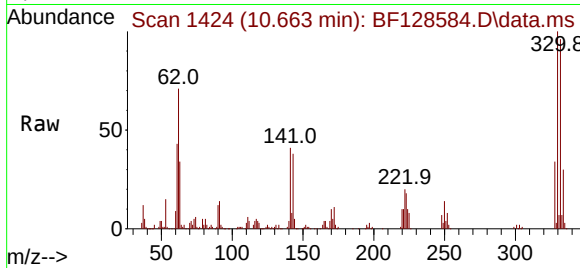




#67
4-Bromophenyl-phenylether
Concen: 2.784 ng
RT: 10.663 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF128584.D
Acq: 29 May 2022 21:29

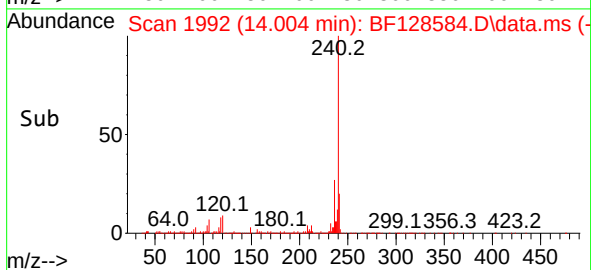
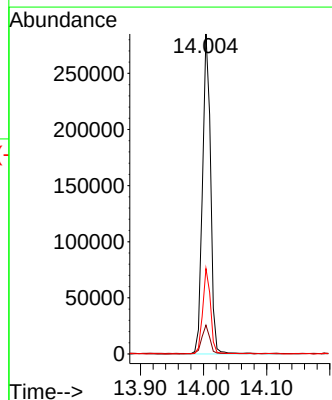
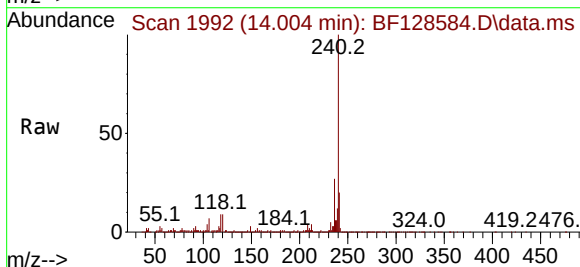
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0006-01

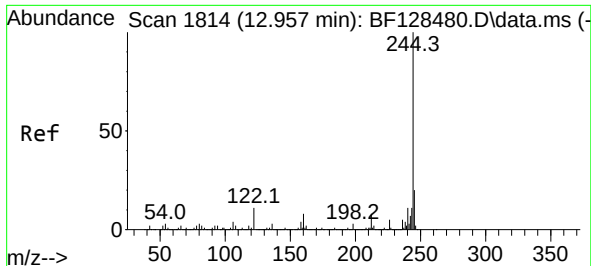
Tgt Ion:248 Resp: 9376
Ion Ratio Lower Upper
248 100
250 188.1 80.6 120.8#
141 549.3 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128584.D
Acq: 29 May 2022 21:29

Tgt Ion:240 Resp: 253296
Ion Ratio Lower Upper
240 100
120 9.0 8.9 13.3
236 26.7 20.8 31.2

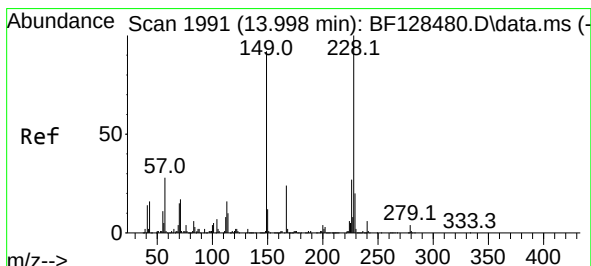
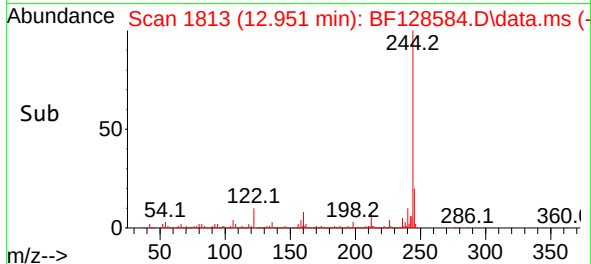
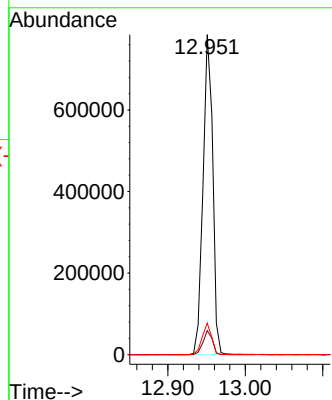
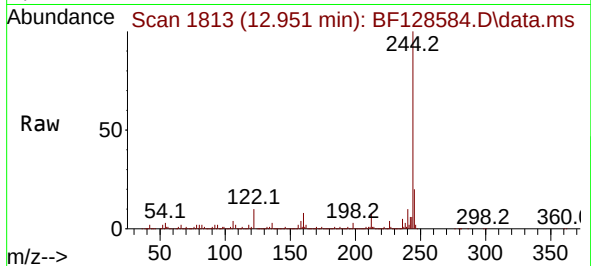




#79
 Terphenyl-d14
 Concen: 52.103 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF128584.D
 Acq: 29 May 2022 21:29

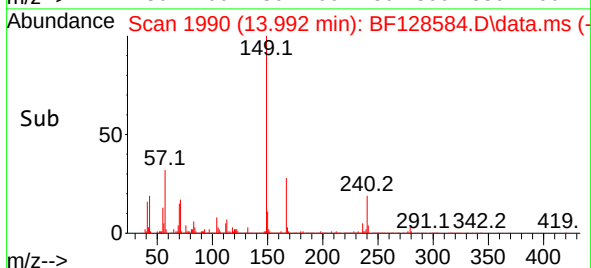
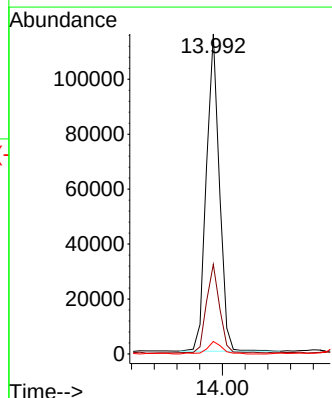
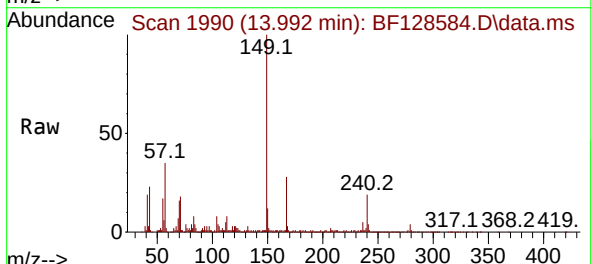
Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-0006-01

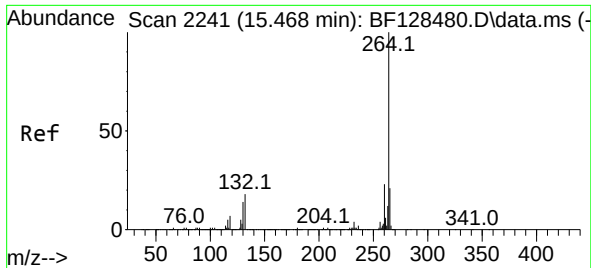
Tgt Ion:244 Resp: 683120
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.9 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.450 ng
 RT: 13.992 min Scan# 1990
 Delta R.T. -0.006 min
 Lab File: BF128584.D
 Acq: 29 May 2022 21:29

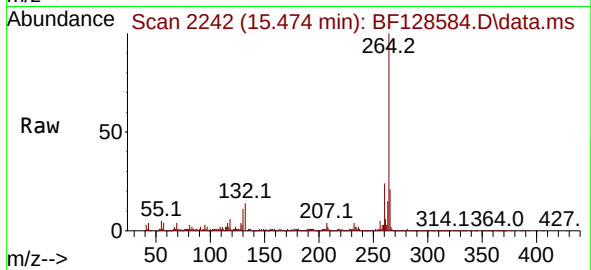
Tgt Ion:149 Resp: 91992
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.0 31.4
 279 3.9 3.1 4.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128584.D
Acq: 29 May 2022 21:29

Instrument :
BNA_F
ClientSampleId :
P036-SS001-0006-01



Tgt Ion:264 Resp: 188223

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.3	17.2	25.8

