

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128577.D
 Acq On : 29 May 2022 18:02
 Operator : CG\JU
 Sample : N2951-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-1218-01

Quant Time: May 30 00:52:05 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)

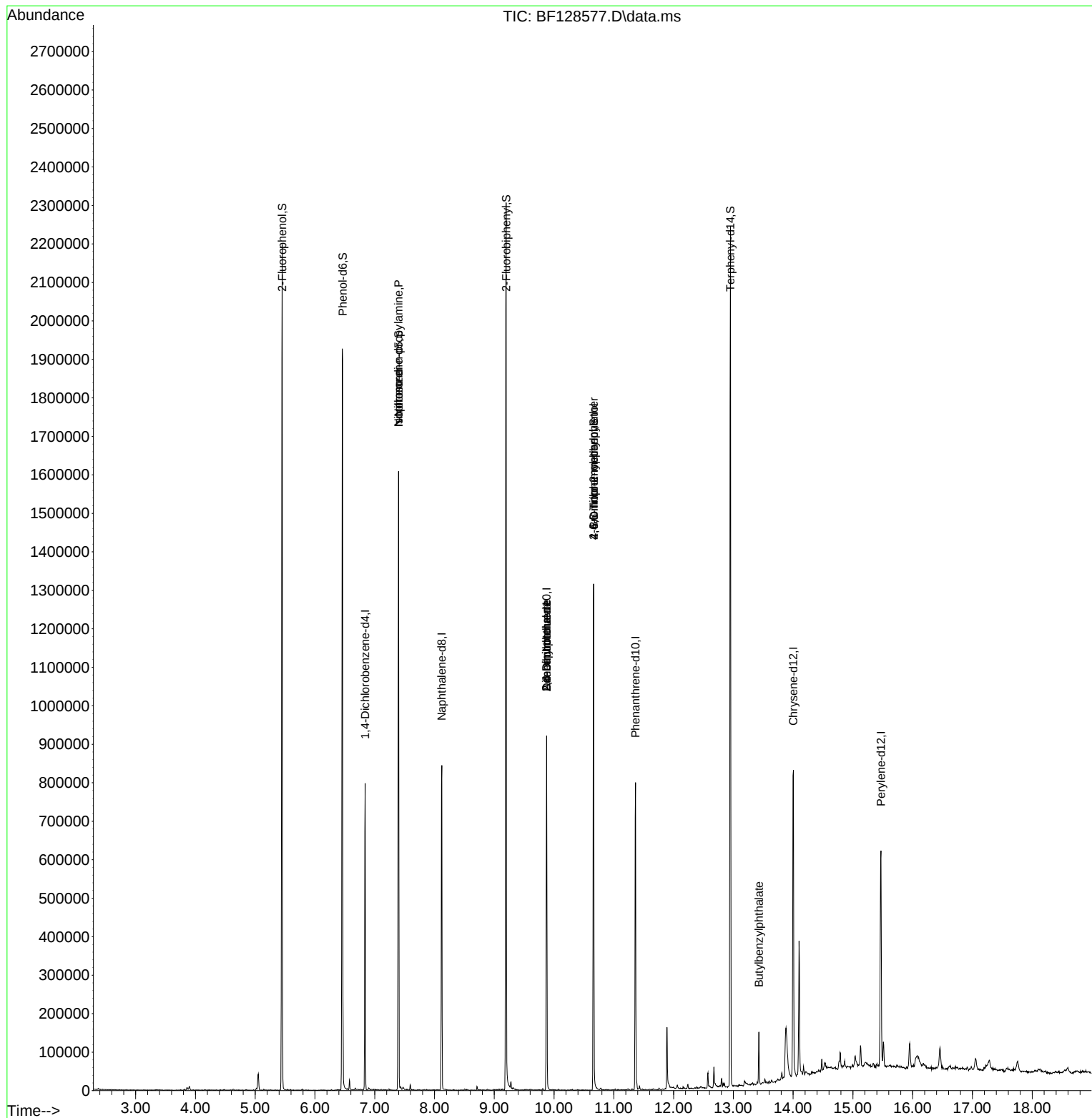
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	105388	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	350611	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	167348	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	292590	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	285029	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	264633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	536828	84.374	ng	0.00
7) Phenol-d6	6.463	99	639105	78.782	ng	0.00
23) Nitrobenzene-d5	7.398	82	431423	70.985	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	146092	91.716	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	707996	68.734	ng	0.00
79) Terphenyl-d14	12.951	244	726129	49.218	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	313	Below Cal	#	82
19) n-Nitroso-di-n-propyla...	7.398	70	59279	11.918	ng	# 77
25) Isophorone	7.398	82	428838	38.249	ng	# 65
50) Dimethylphthalate	9.875	163	29287	2.698	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	21433	10.773	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	21433	9.005	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	414	5.773	ng	# 22
67) 4-Bromophenyl-phenylether	10.663	248	9754	3.227	ng	# 1
80) Butylbenzylphthalate	13.427	149	25530	2.819	ng	96

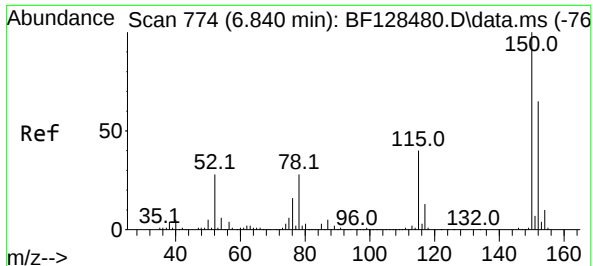
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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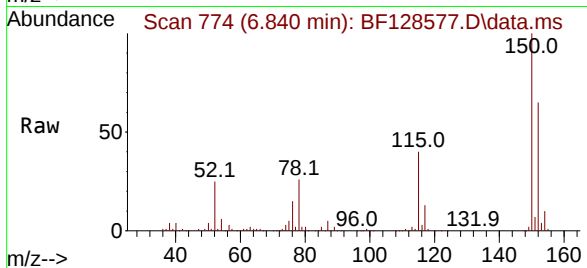
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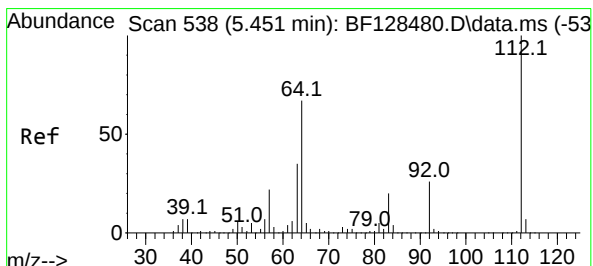
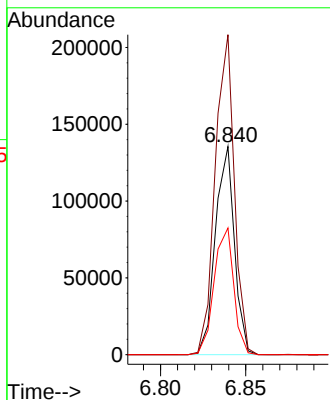
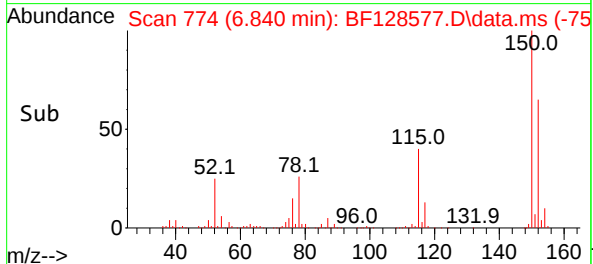


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

Instrument :
BNA_F
ClientSampleId :
P036-SS001-1218-01

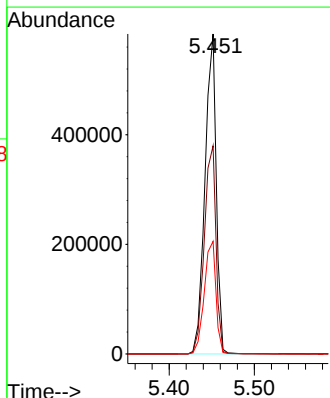
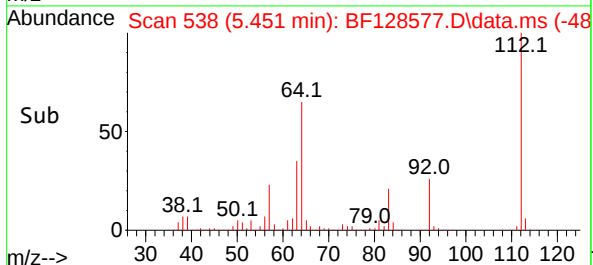
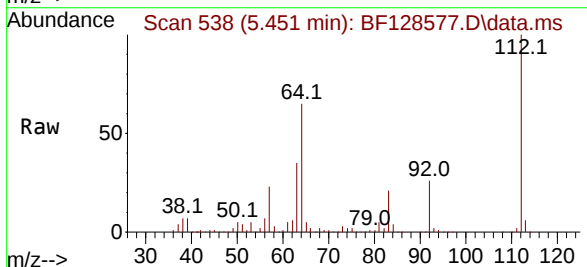


Tgt Ion:152 Resp: 105388
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 60.8 49.9 74.9



#5
2-Fluorophenol
Concen: 84.374 ng
RT: 5.451 min Scan# 538
Delta R.T. 0.000 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

Tgt Ion:112 Resp: 536828
Ion Ratio Lower Upper
112 100
64 65.1 53.3 79.9
63 35.2 28.0 42.0

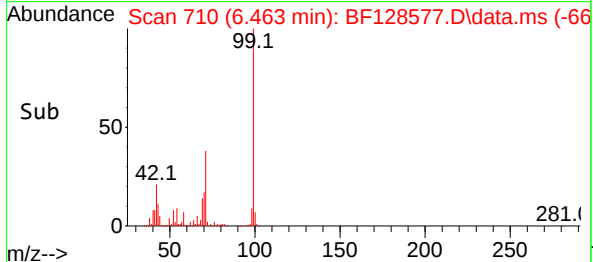
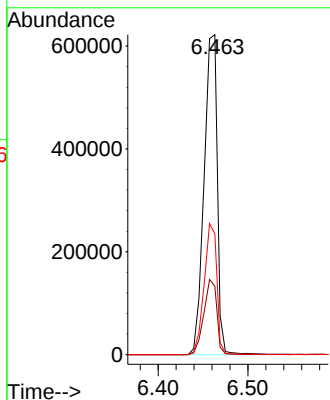
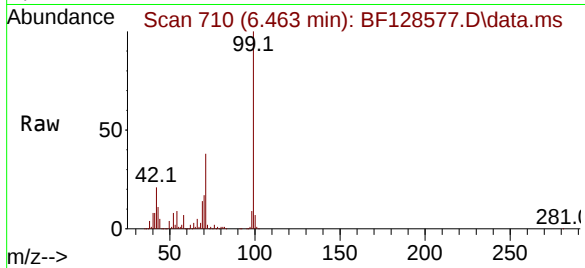




#7
Phenol-d6
Concen: 78.782 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

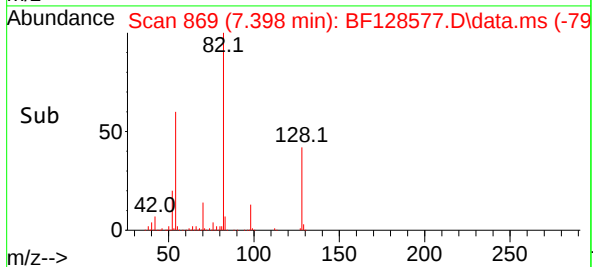
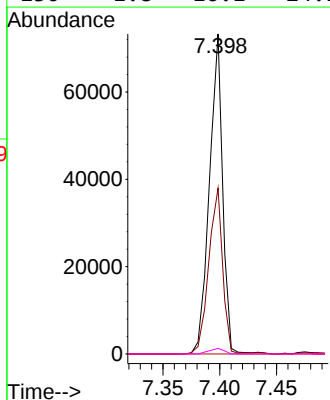
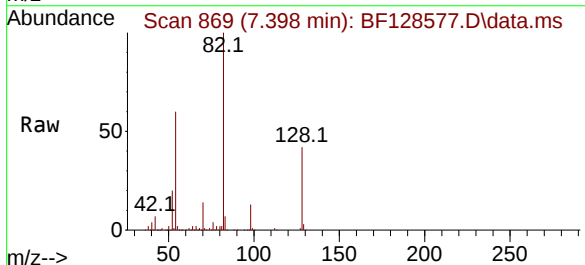
Instrument :
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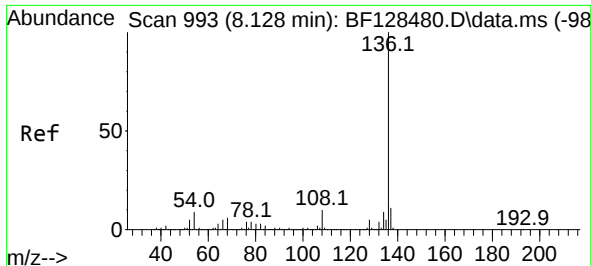
Tgt Ion: 99 Resp: 639105
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 37.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.918 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

Tgt Ion: 70 Resp: 59279
Ion Ratio Lower Upper
70 100
42 51.8 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



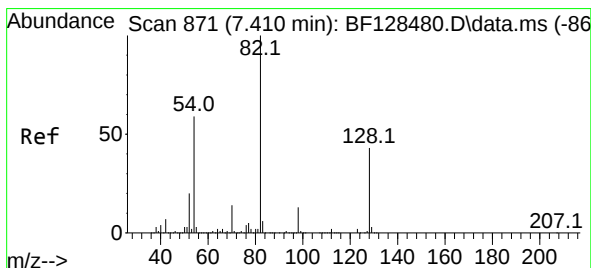
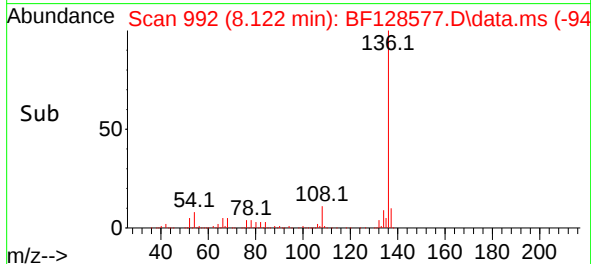
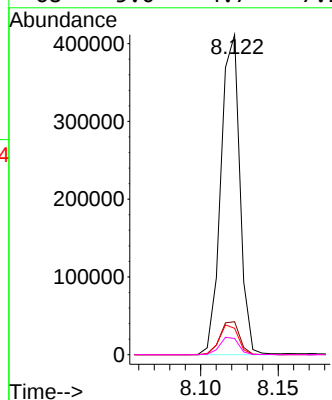
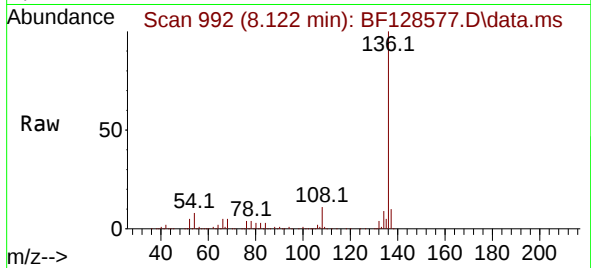


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

Instrument :
BNA_F
ClientSampleId :
P036-SS001-1218-01

Tgt Ion:136 Resp: 350611

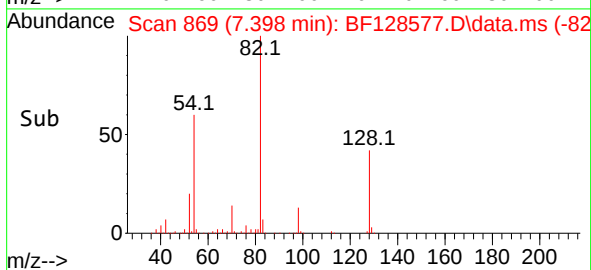
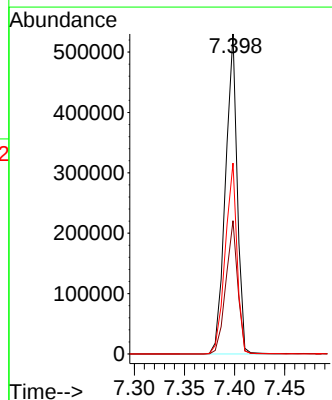
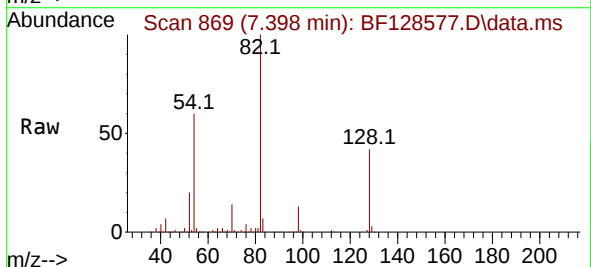
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	8.3	7.5	11.3
68	5.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 70.985 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

Tgt Ion: 82 Resp: 431423

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.0	51.0
54	59.6	46.9	70.3

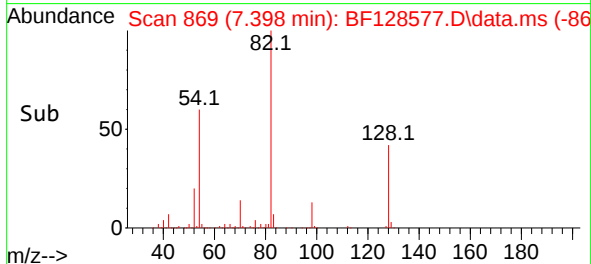
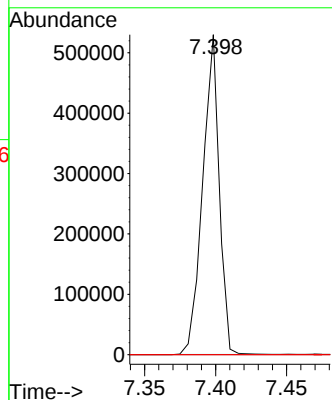
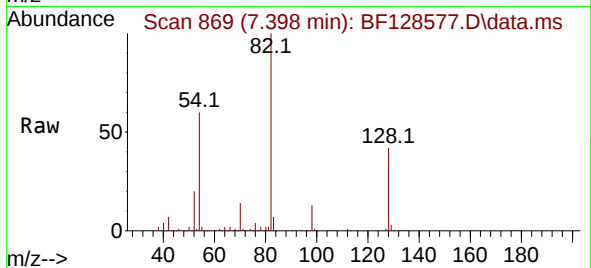




#25
Isophorone
Concen: 38.249 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

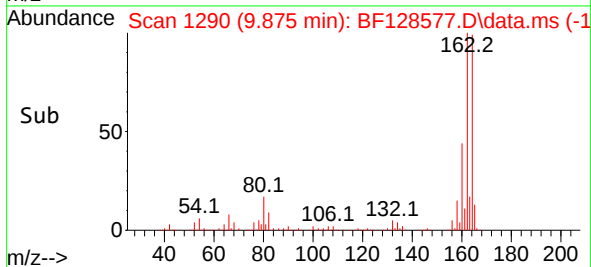
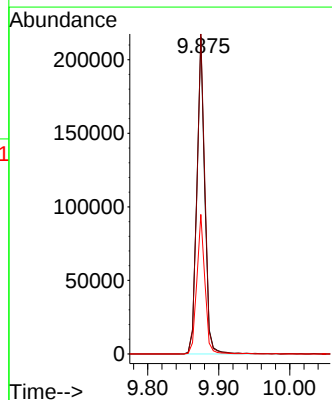
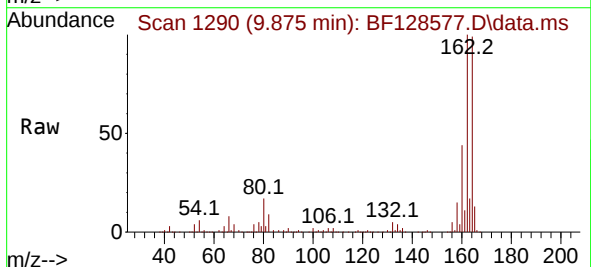
Instrument :
BNA_F
ClientSampleId :
P036-SS001-1218-01

Tgt Ion: 82 Resp: 428838
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: BF128577.D
Acq: 29 May 2022 18:02

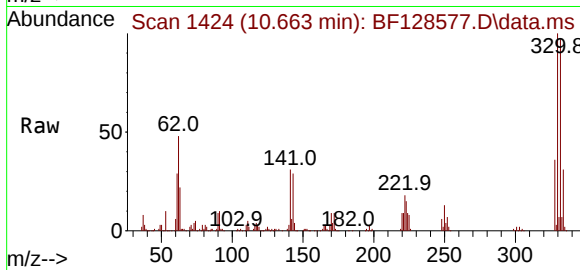
Tgt Ion: 164 Resp: 167348
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 44.0 34.2 51.4



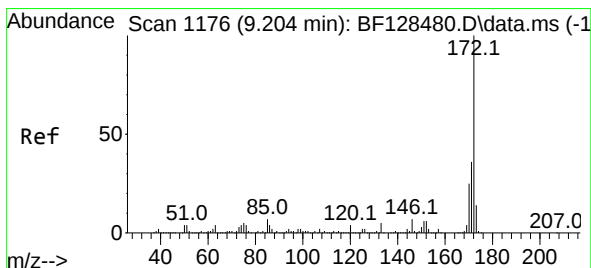
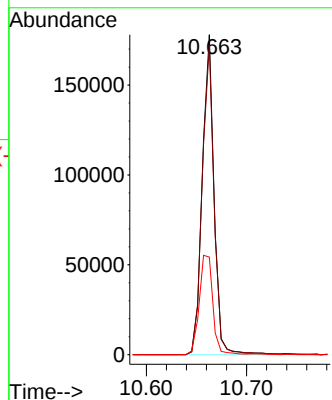
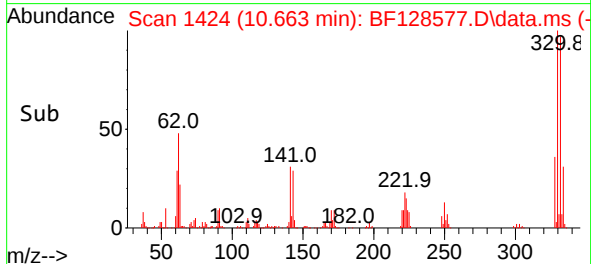


#42
 2,4,6-Tribromophenol
 Concen: 91.716 ng
 RT: 10.663 min Scan# 1424
 Delta R.T. -0.012 min
 Lab File: BF128577.D
 Acq: 29 May 2022 18:02

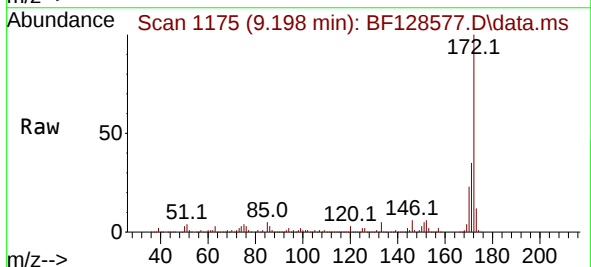
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 P036-SS001-1218-01



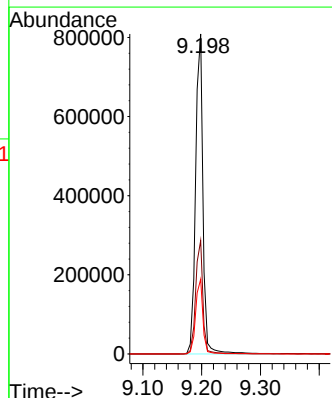
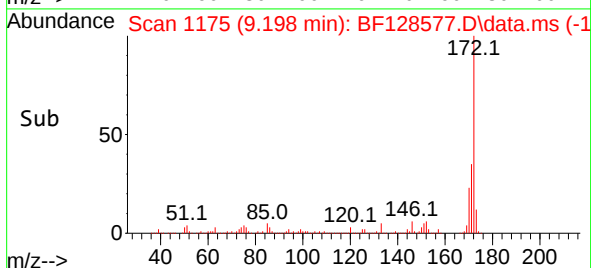
Tgt Ion:330 Resp: 146092
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.8 115.2
 141 35.8 28.0 42.0

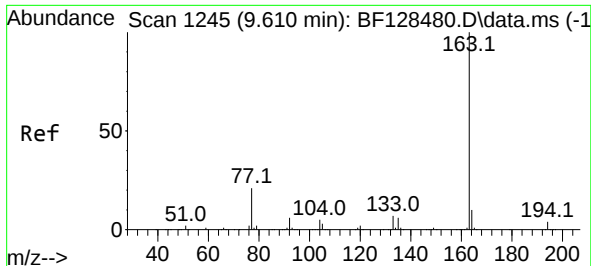


#45
 2-Fluorobiphenyl
 Concen: 68.734 ng
 RT: 9.198 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BF128577.D
 Acq: 29 May 2022 18:02



Tgt Ion:172 Resp: 707996
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.8 43.2
 170 23.3 19.8 29.8

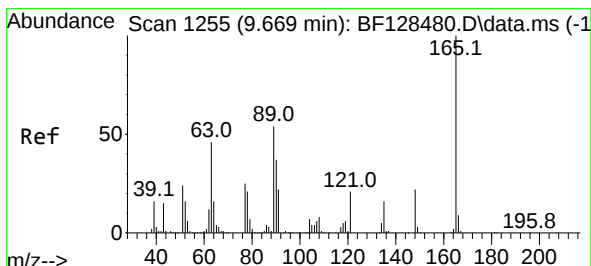
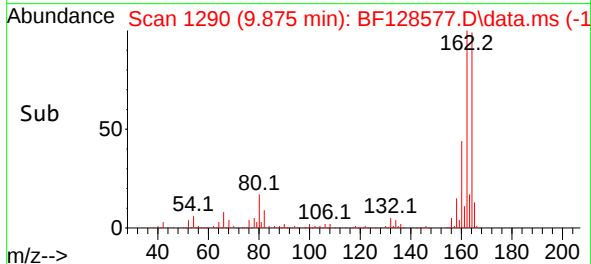
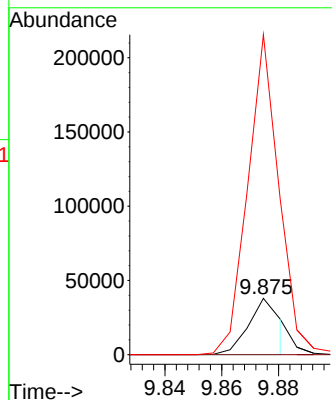
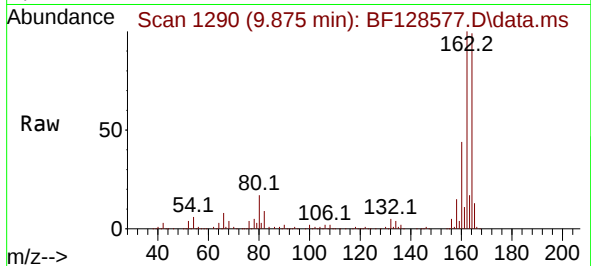




#50
Dimethylphthalate
Concen: 2.698 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

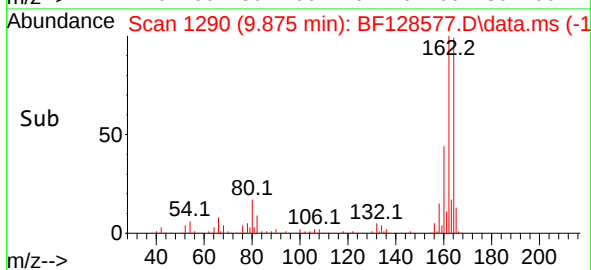
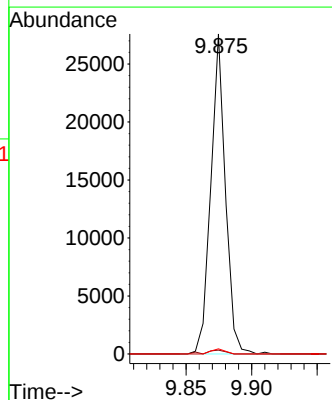
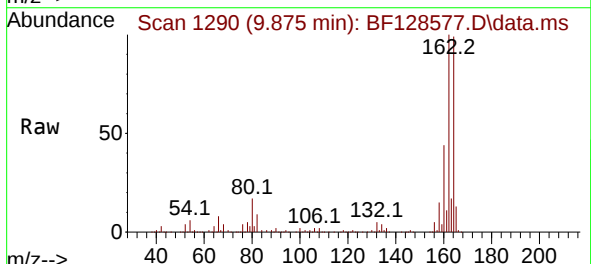
Instrument :
BNA_F
ClientSampleId :
P036-SS001-1218-01

Tgt Ion:163 Resp: 29287
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: 10.773 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

Tgt Ion:165 Resp: 21433
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.6 43.6 65.4#

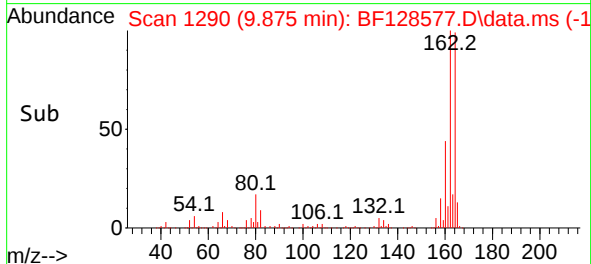
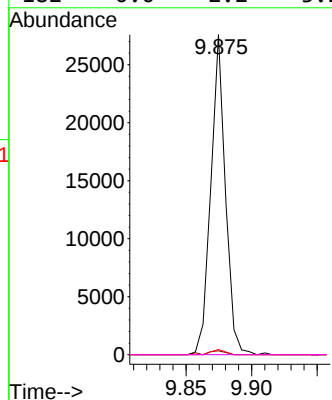
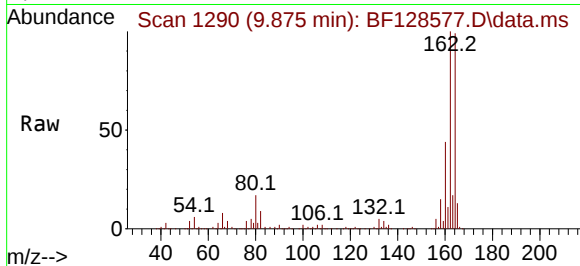




#57
2,4-Dinitrotoluene
Concen: 9.005 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

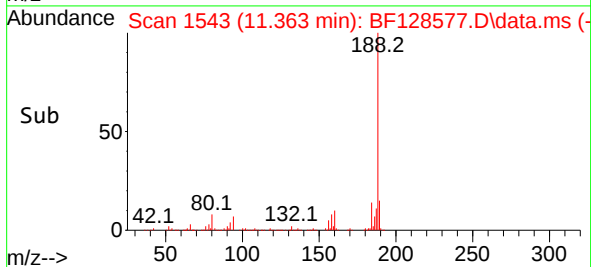
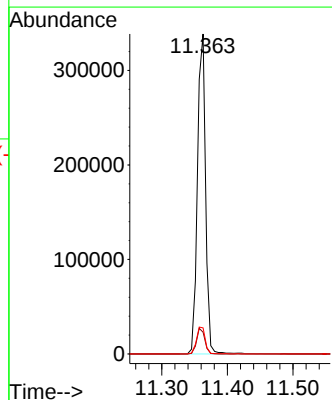
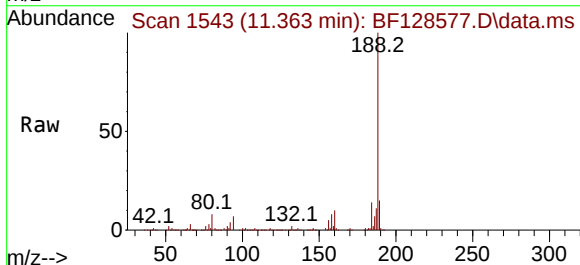
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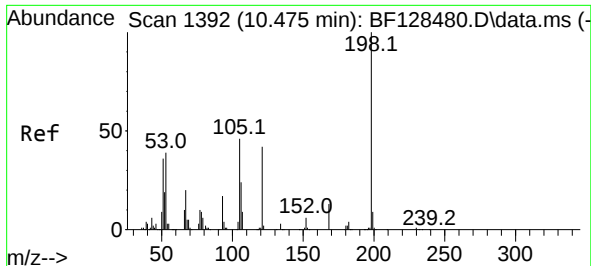
Tgt Ion:	165	Resp:	21433
Ion Ratio	Lower	Upper	
165	100		
63	1.2	39.8	59.6#
89	1.6	60.2	90.2#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

Tgt Ion:	188	Resp:	292590
Ion Ratio	Lower	Upper	
188	100		
94	6.8	7.0	10.6#
80	8.2	7.6	11.4

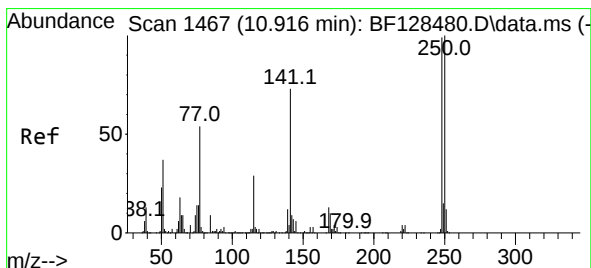
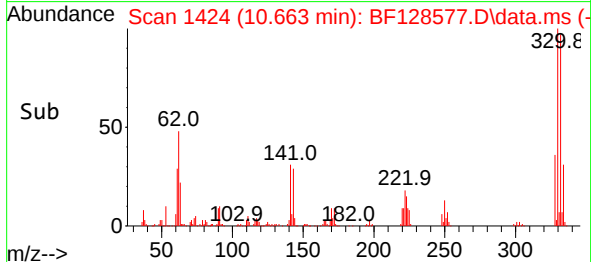
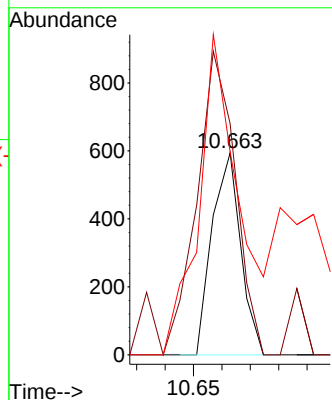
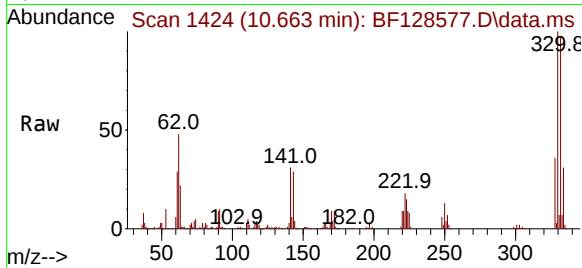




#65
4,6-Dinitro-2-methylphenol
Concen: 5.773 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

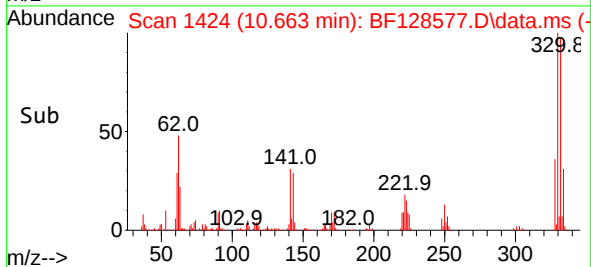
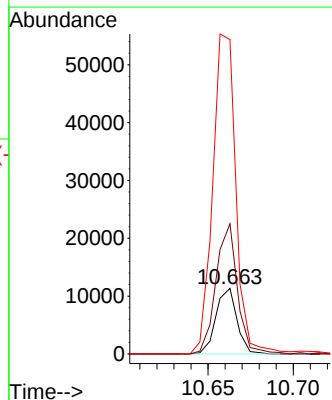
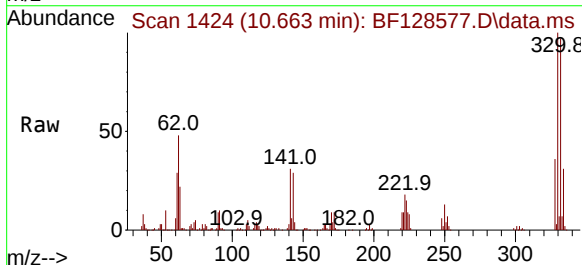
Instrument :
BNA_F
ClientSampleId :
P036-SS001-1218-01

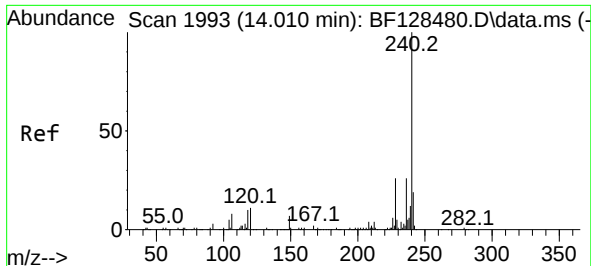
Tgt Ion:198 Resp: 414
Ion Ratio Lower Upper
198 100
51 114.5 37.6 77.6#
105 100.5 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.227 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

Tgt Ion:248 Resp: 9754
Ion Ratio Lower Upper
248 100
250 198.7 80.6 120.8#
141 479.7 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: BF128577.D

Acq: 29 May 2022 18:02

Instrument :

BNA_F

ClientSampleId :

P036-SS001-1218-01

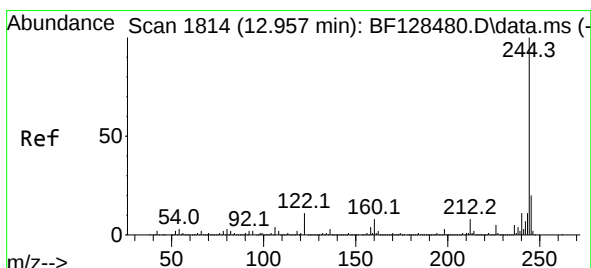
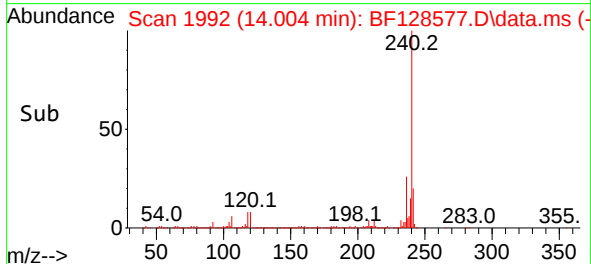
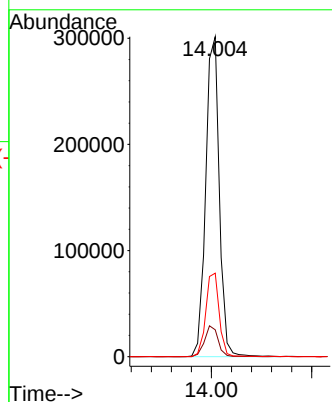
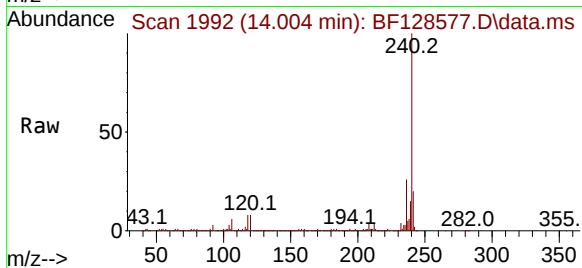
Tgt Ion:240 Resp: 285029

Ion Ratio Lower Upper

240 100

120 8.4 8.9 13.3#

236 26.1 20.8 31.2



#79

Terphenyl-d14

Concen: 49.218 ng

RT: 12.951 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF128577.D

Acq: 29 May 2022 18:02

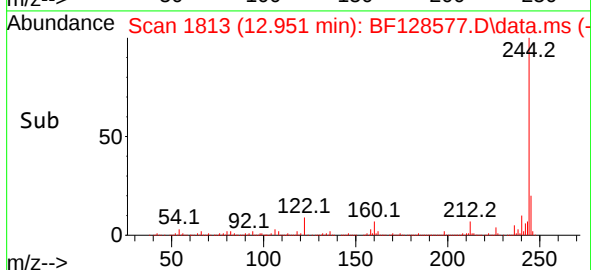
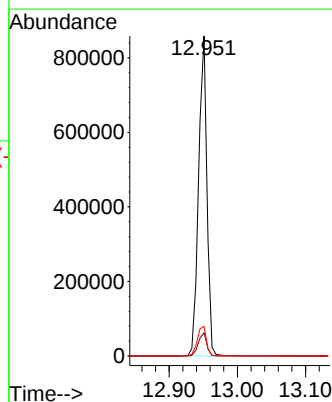
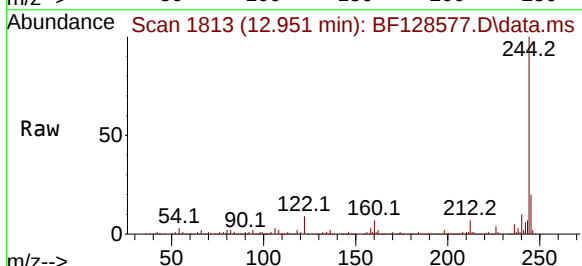
Tgt Ion:244 Resp: 726129

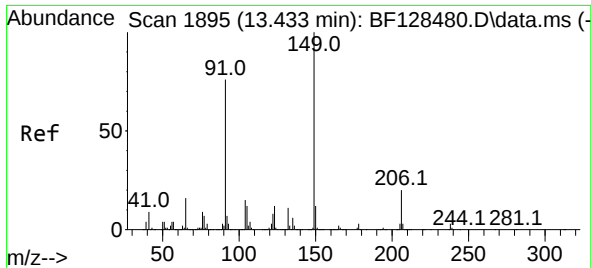
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 9.2 8.8 13.2

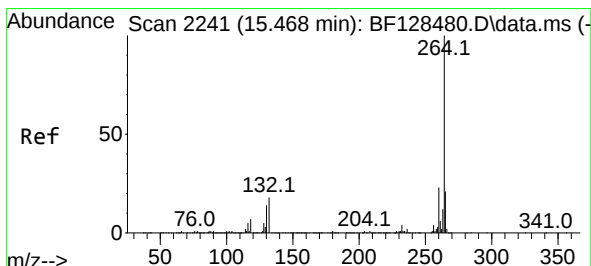
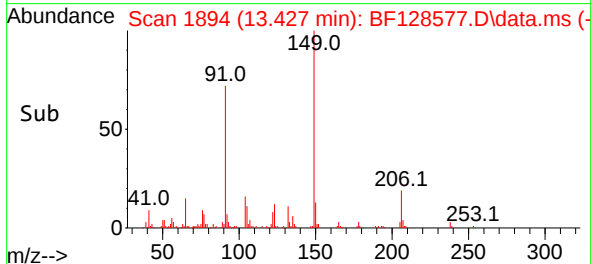
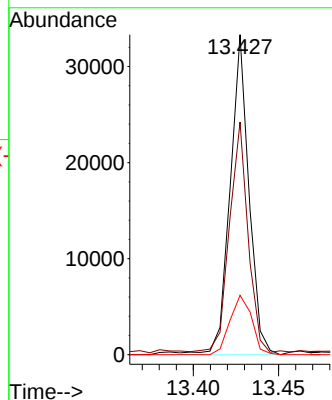
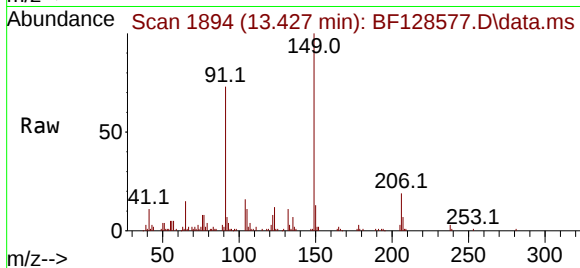




#80
Butylbenzylphthalate
Concen: 2.819 ng
RT: 13.427 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

Instrument :
BNA_F
ClientSampleId :
P036-SS001-1218-01

Tgt Ion:	149	Resp:	25530
Ion Ratio	Lower	Upper	
149	100		
91	72.7	61.2	91.8
206	18.5	15.7	23.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BF128577.D
Acq: 29 May 2022 18:02

Tgt Ion:	264	Resp:	264633
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.4	27.6
265	21.3	17.2	25.8

