

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128542.D
 Acq On : 28 May 2022 12:02
 Operator : CG\JU
 Sample : N2934-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P025-SS001-2430-01

Quant Time: May 28 22:41:45 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)

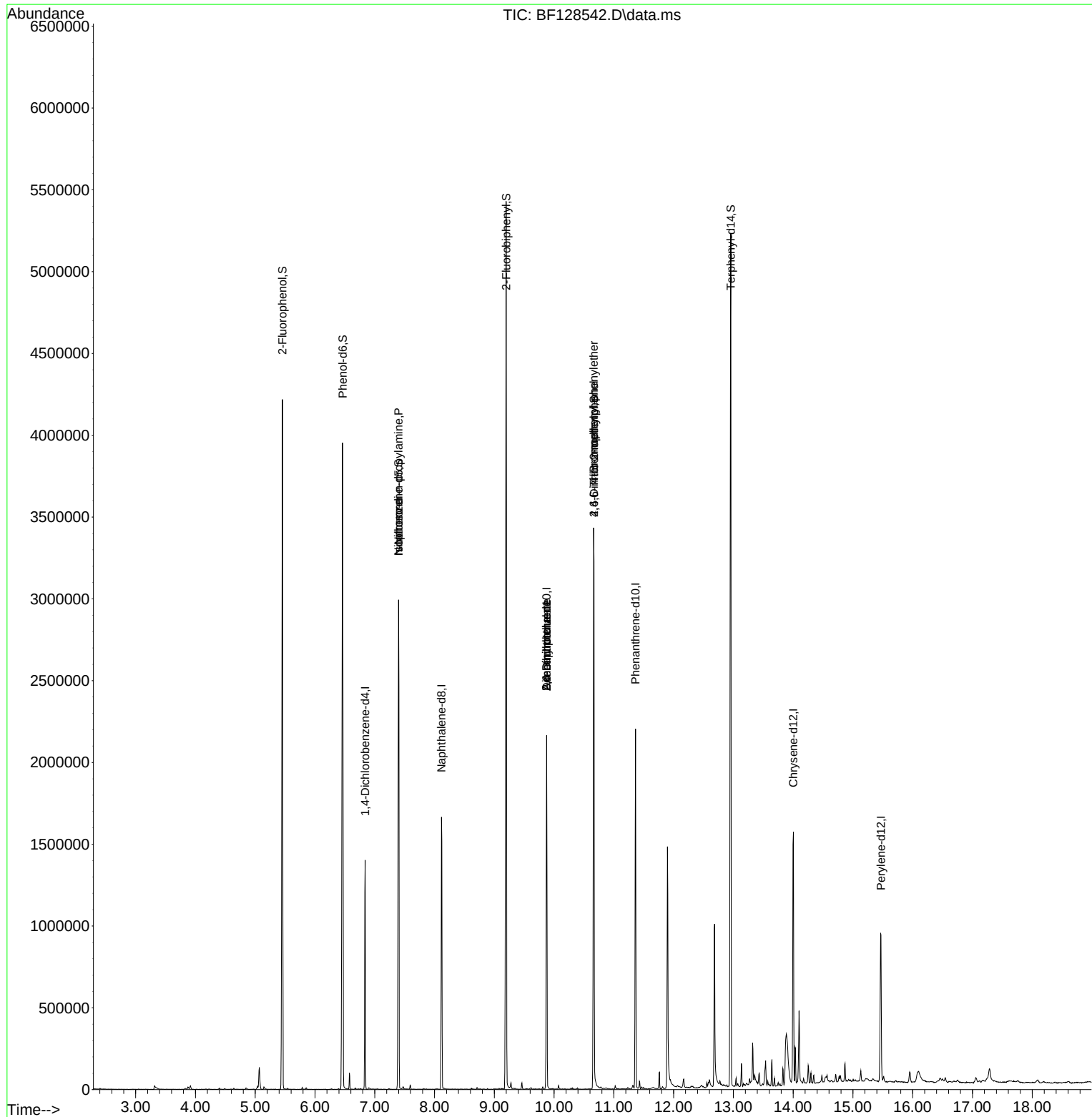
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	192570	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	737376	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	417956	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	772621	20.000	ng	0.00
76) Chrysene-d12	14.004	240	552534	20.000	ng	0.00
86) Perylene-d12	15.468	264	426734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1174598	101.034	ng	0.00
7) Phenol-d6	6.463	99	1544832	104.217	ng	0.00
23) Nitrobenzene-d5	7.398	82	1042934	81.593	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	457805	115.077	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1858103	72.227	ng	0.00
79) Terphenyl-d14	12.957	244	1928272	67.423	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	412	Below Cal	#	53
19) n-Nitroso-di-n-propyla...	7.398	70	143228	15.759	ng	# 79
25) Isophorone	7.398	82	1042909	44.229	ng	# 65
50) Dimethylphthalate	9.875	163	72483	2.674	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	54571	10.983	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	54571	9.180	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	1313	5.828	ng	# 3
67) 4-Bromophenyl-phenylether	10.663	248	30480	3.818	ng	# 1

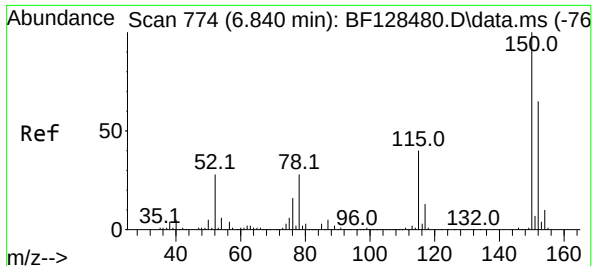
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
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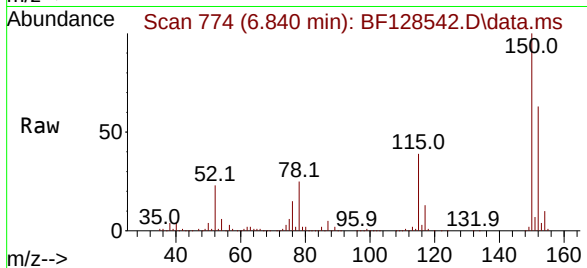
Quant Time: May 28 22:41:45 2022
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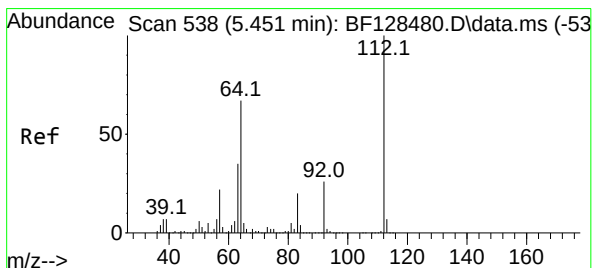
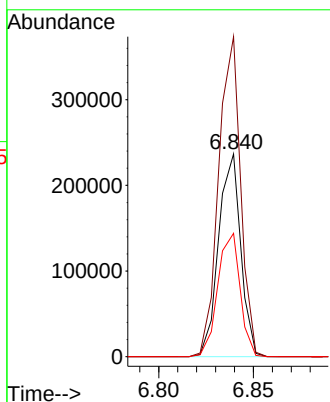
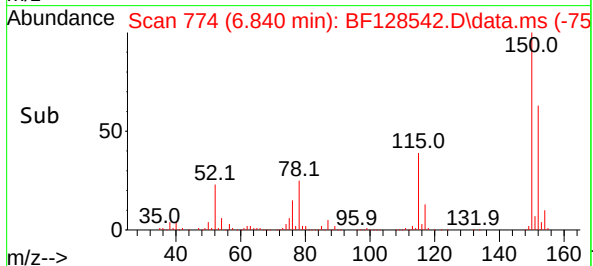


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

Instrument :
BNA_F
ClientSampleId :
P025-SS001-2430-01

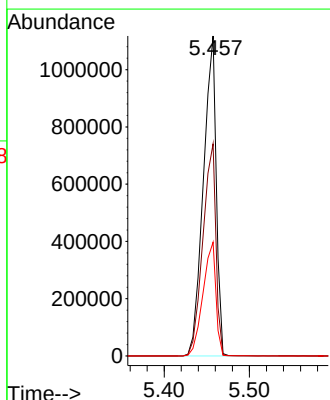
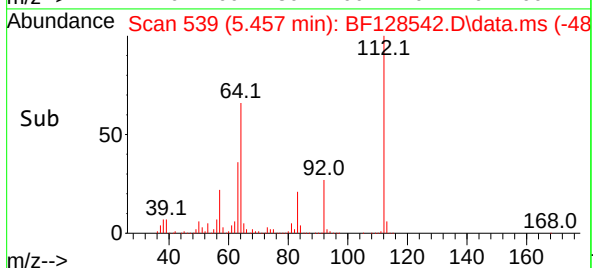
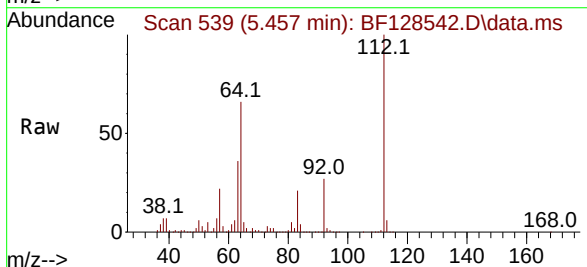


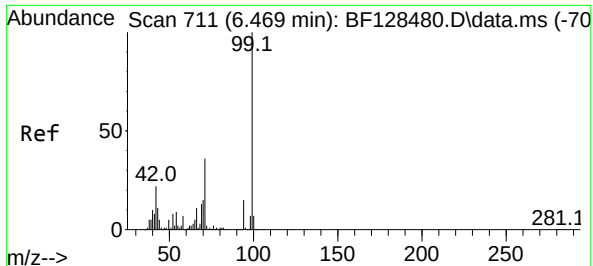
Tgt Ion:152 Resp: 192570
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 101.034 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

Tgt Ion:112 Resp: 1174598
Ion Ratio Lower Upper
112 100
64 66.3 53.3 79.9
63 35.5 28.0 42.0

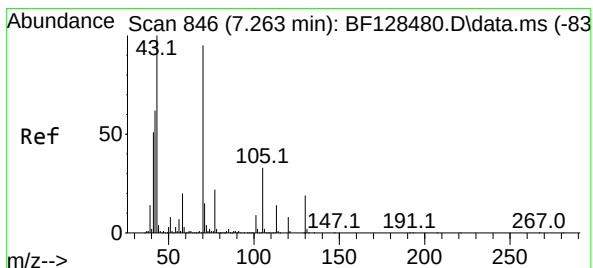
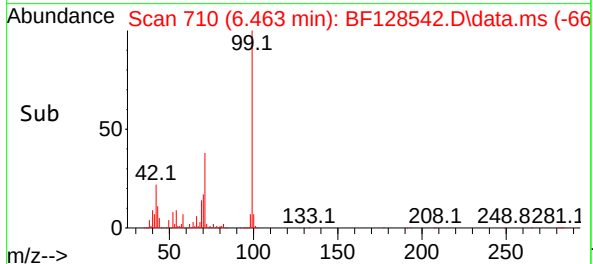
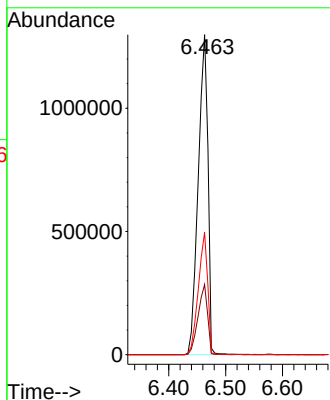
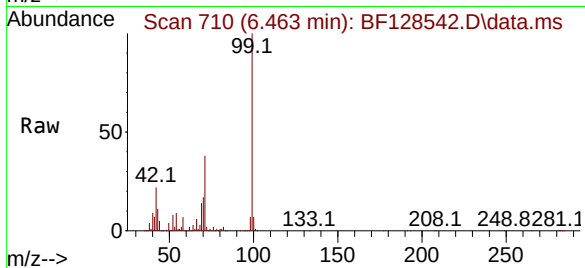




#7
Phenol-d6
Concen: 104.217 ng
RT: 6.463 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

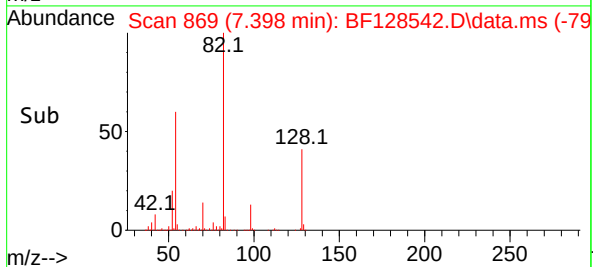
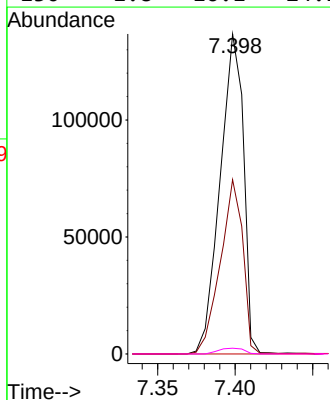
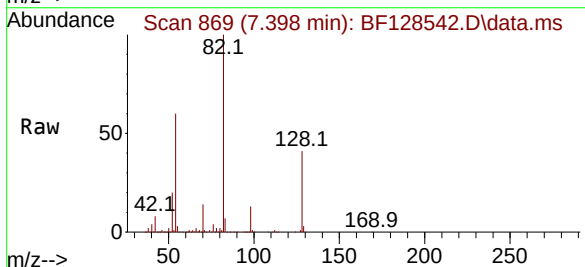
Instrument :
BNA_F
ClientSampleId :
P025-SS001-2430-01

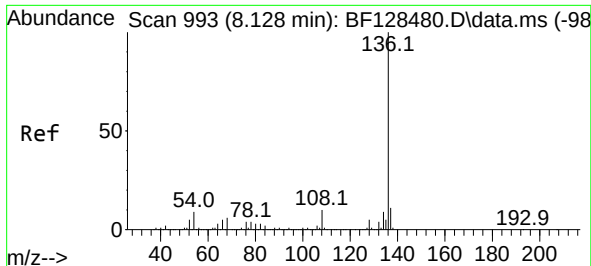
Tgt Ion: 99 Resp: 1544832
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 38.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.759 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

Tgt Ion: 70 Resp: 143228
Ion Ratio Lower Upper
70 100
42 54.4 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

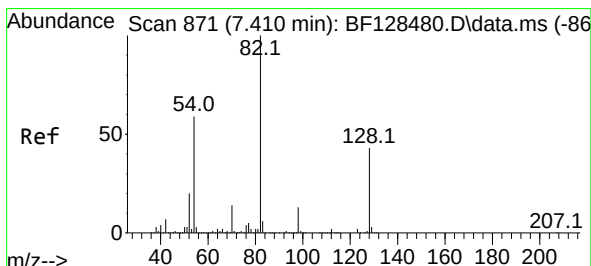
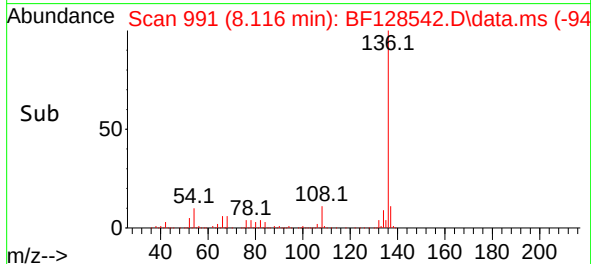
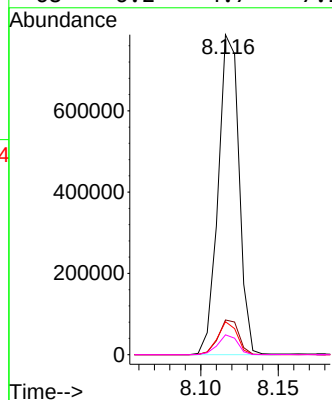
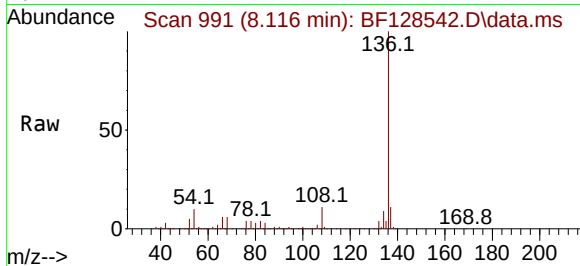




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

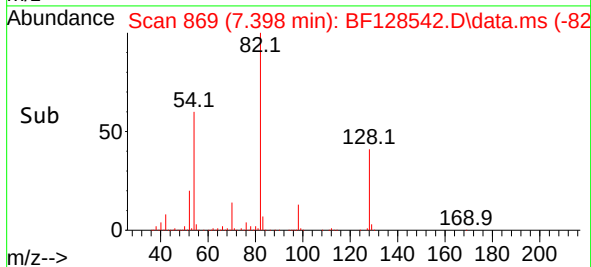
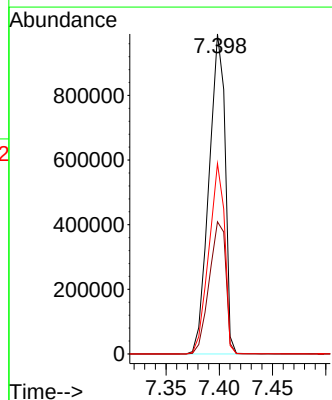
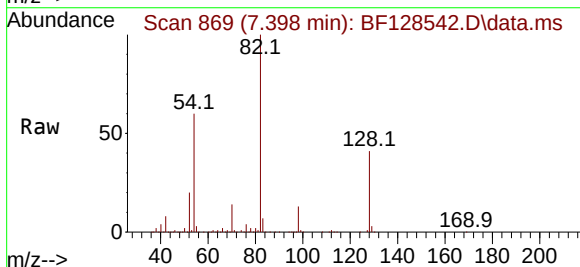
Instrument :
BNA_F
ClientSampleId :
P025-SS001-2430-01

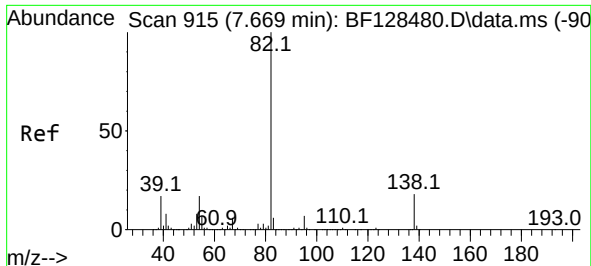
Tgt Ion:	136	Resp:	737376
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.3	7.5	11.3
68	6.2	4.7	7.1



#23
Nitrobenzene-d5
Concen: 81.593 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

Tgt Ion:	82	Resp:	1042934
Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.0	51.0
54	59.5	46.9	70.3

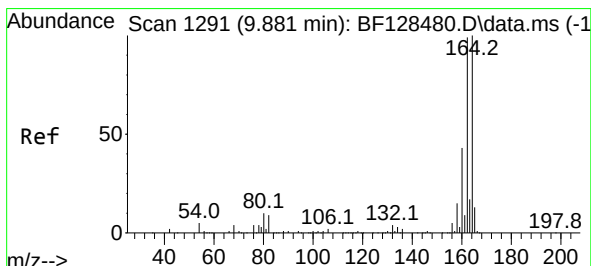
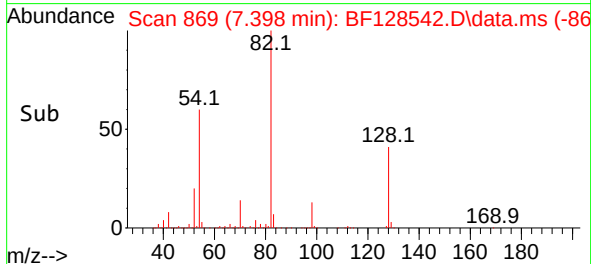
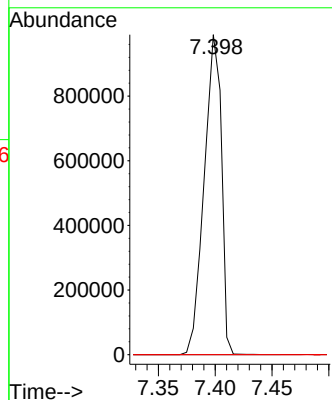
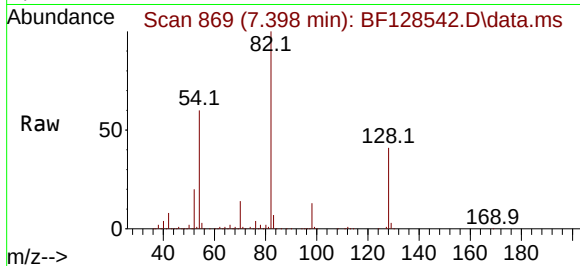




#25
Isophorone
Concen: 44.229 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

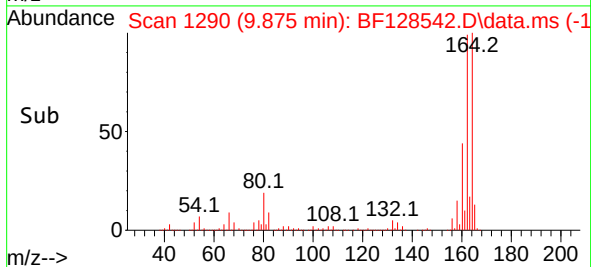
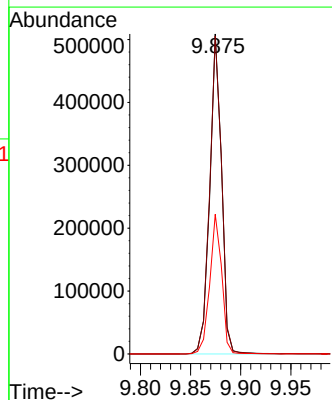
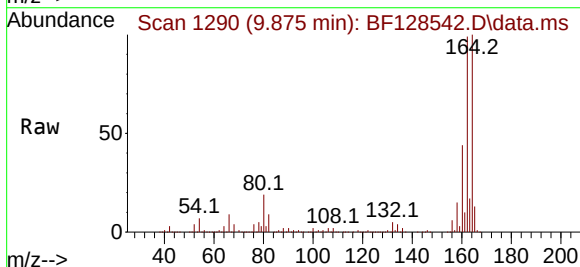
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ClientSampleId :
P025-SS001-2430-01

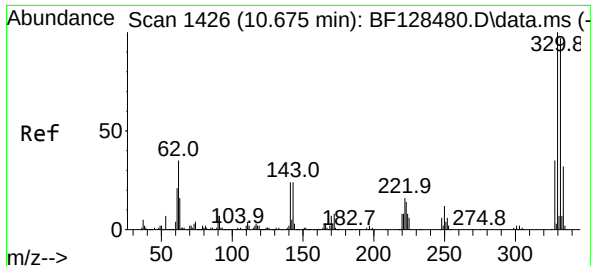
Tgt Ion: 82 Resp: 1042909
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

Tgt Ion:164 Resp: 417956
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 43.7 34.2 51.4

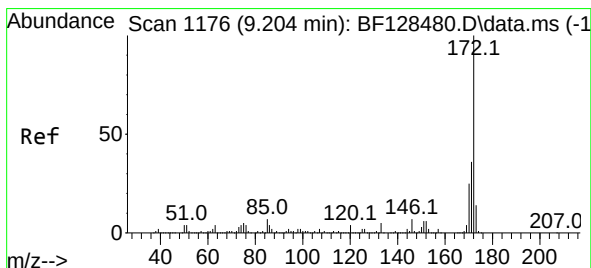
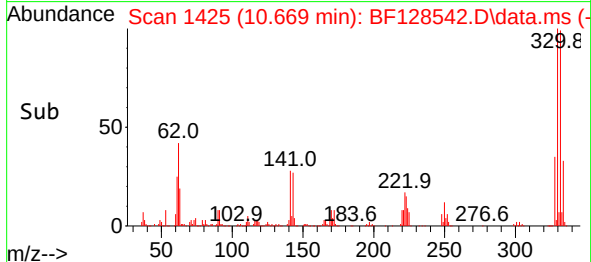
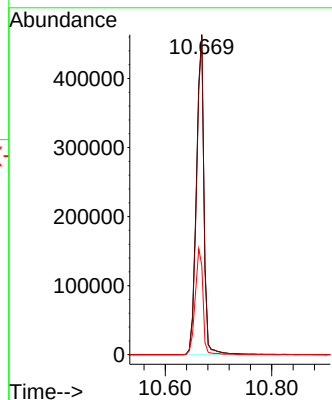
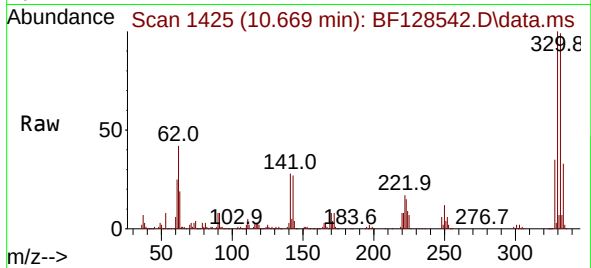




#42
 2,4,6-Tribromophenol
 Concen: 115.077 ng
 RT: 10.669 min Scan# 1426
 Delta R.T. -0.006 min
 Lab File: BF128542.D
 Acq: 28 May 2022 12:02

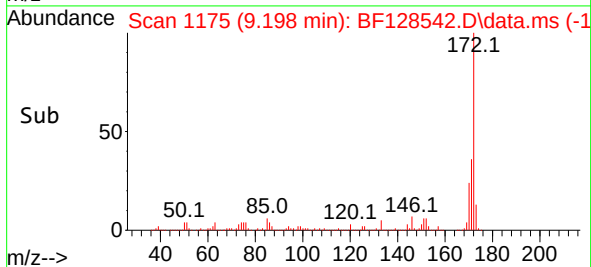
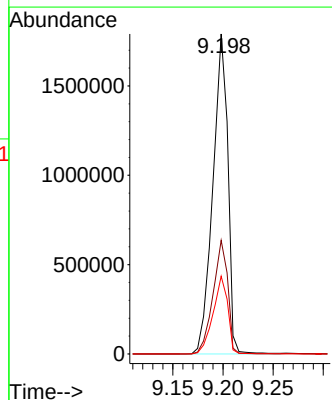
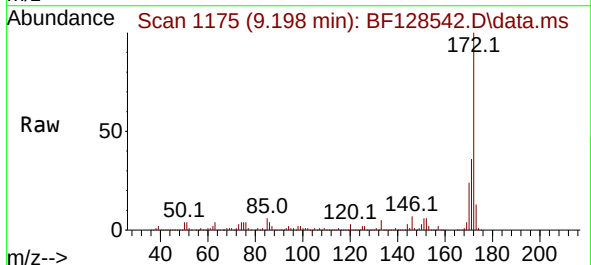
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 P025-SS001-2430-01

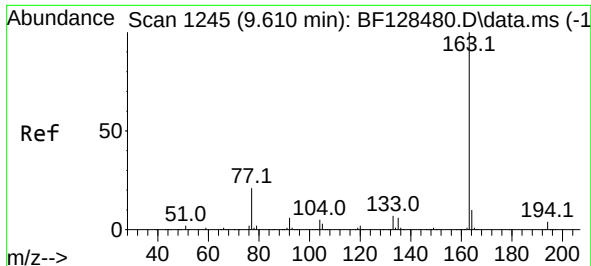
Tgt Ion:330 Resp: 457805
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 34.0 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 72.227 ng
 RT: 9.198 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BF128542.D
 Acq: 28 May 2022 12:02

Tgt Ion:172 Resp: 1858103
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.8 43.2
 170 24.3 19.8 29.8

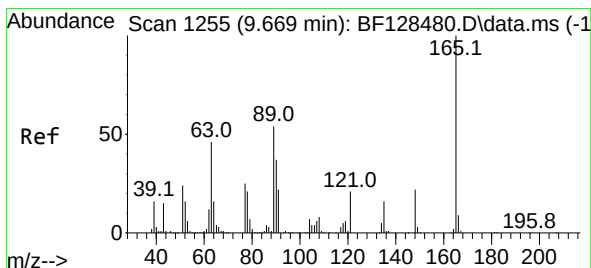
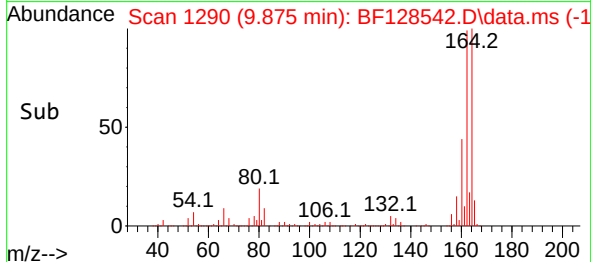
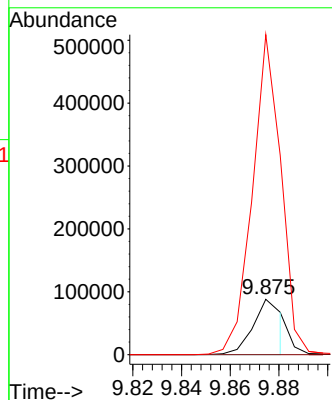
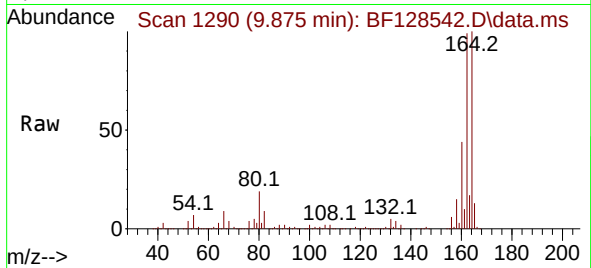




#50
Dimethylphthalate
Concen: 2.674 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

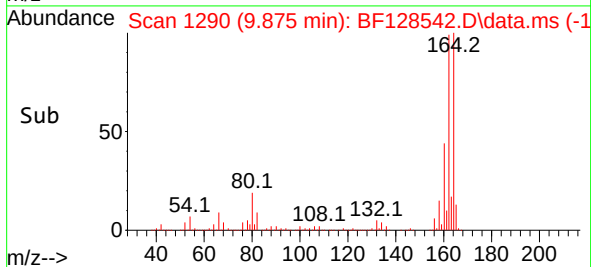
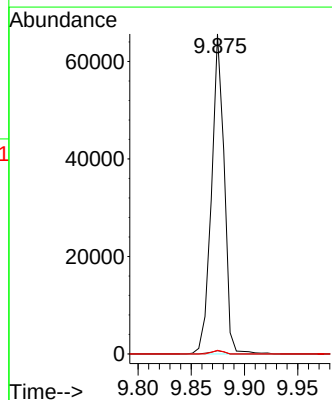
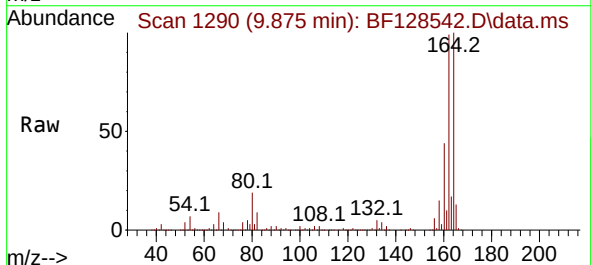
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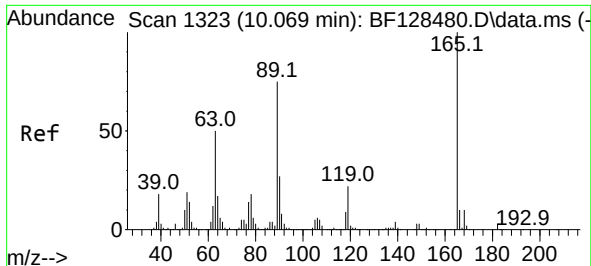
Tgt Ion:163 Resp: 72483
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 577.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.983 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

Tgt Ion:165 Resp: 54571
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.2 43.6 65.4#

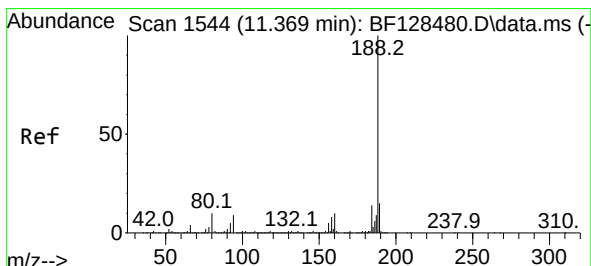
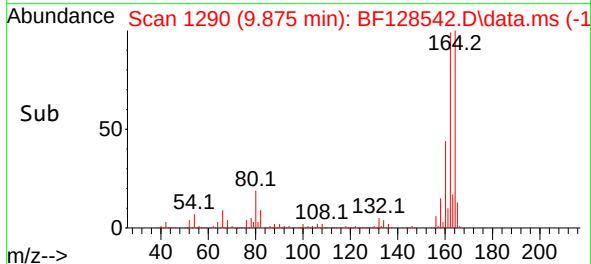
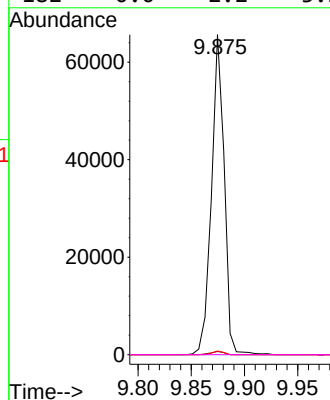
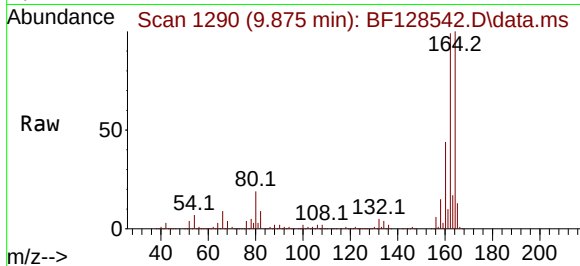




#57
2,4-Dinitrotoluene
Concen: 9.180 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

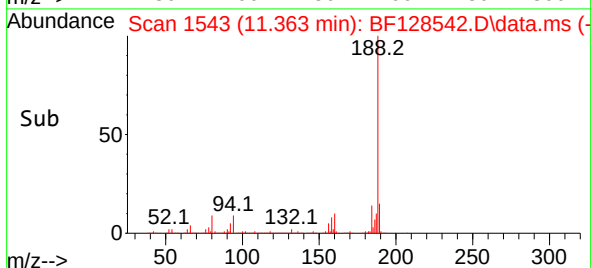
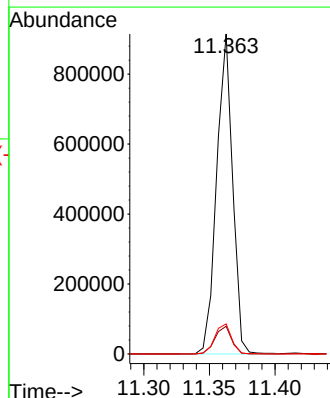
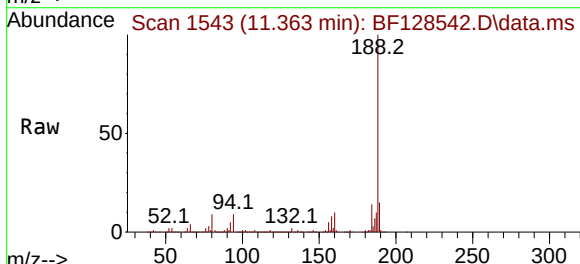
Instrument :
BNA_F
ClientSampleId :
P025-SS001-2430-01

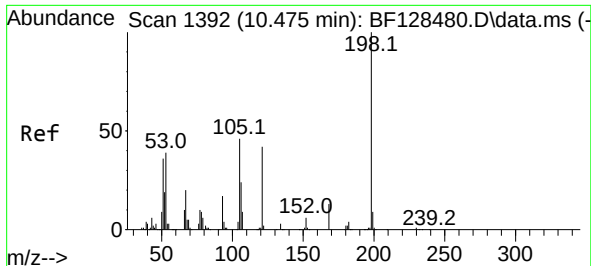
Tgt Ion:165 Resp: 54571
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

Tgt Ion:188 Resp: 772621
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: 5.828 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.194 min

Lab File: BF128542.D

Acq: 28 May 2022 12:02

Instrument :

BNA_F

ClientSampleId :

P025-SS001-2430-01

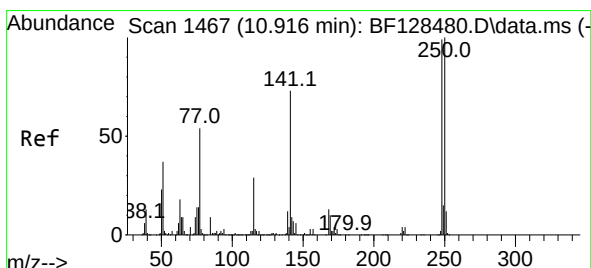
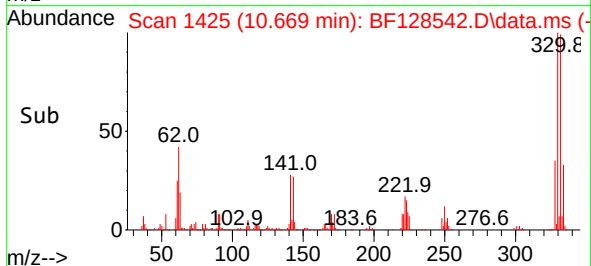
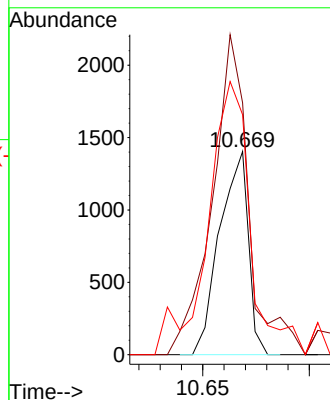
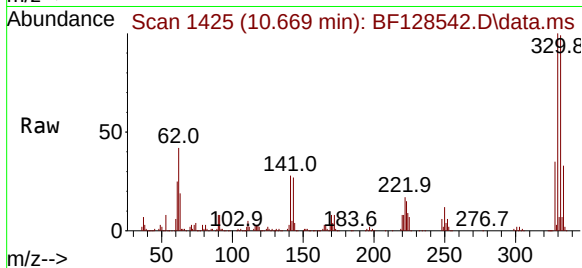
Tgt Ion:198 Resp: 1313

Ion Ratio Lower Upper

198 100

51 123.9 37.6 77.6#

105 118.1 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 3.818 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128542.D

Acq: 28 May 2022 12:02

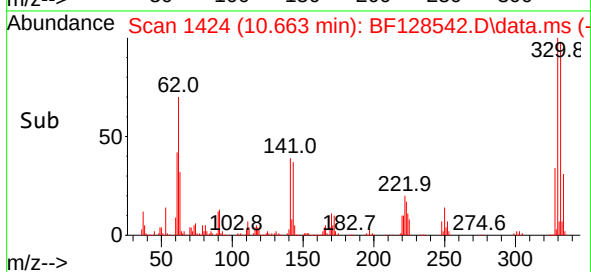
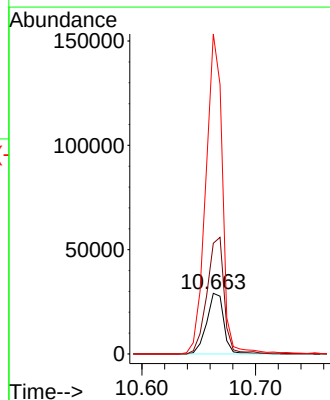
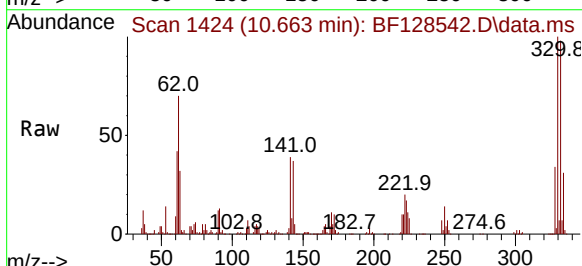
Tgt Ion:248 Resp: 30480

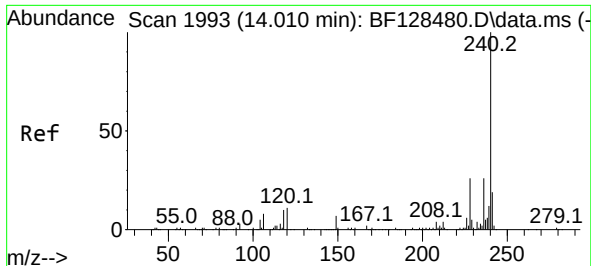
Ion Ratio Lower Upper

248 100

250 182.7 80.6 120.8#

141 528.1 58.9 88.3#

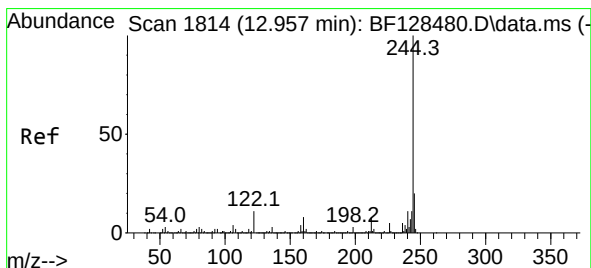
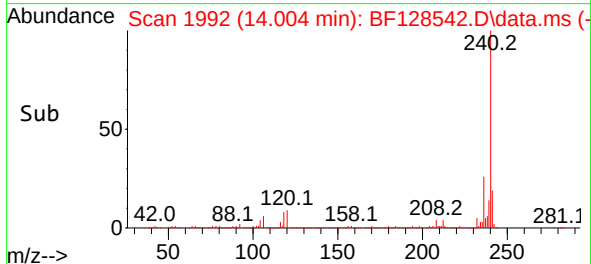
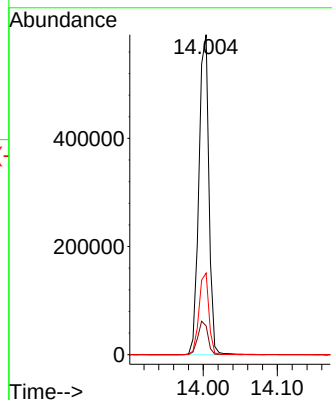
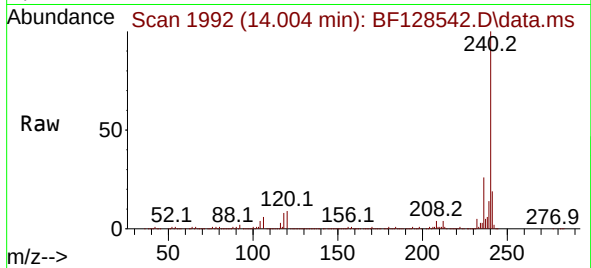




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

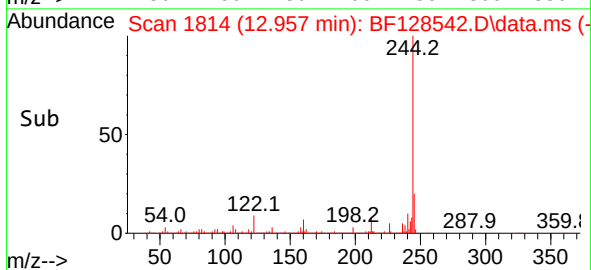
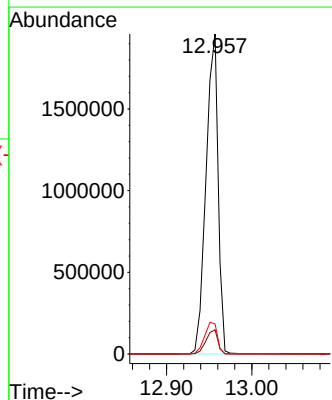
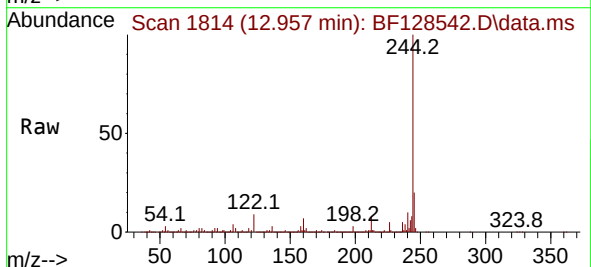
Instrument :
BNA_F
ClientSampleId :
P025-SS001-2430-01

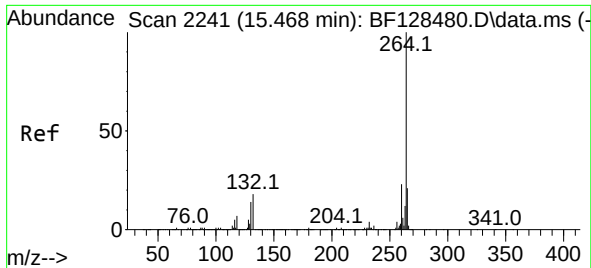
Tgt Ion:240 Resp: 552534
Ion Ratio Lower Upper
240 100
120 9.0 8.9 13.3
236 25.5 20.8 31.2



#79
Terphenyl-d14
Concen: 67.423 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

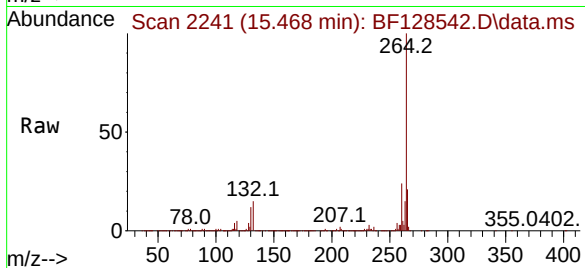
Tgt Ion:244 Resp: 1928272
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 9.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128542.D
Acq: 28 May 2022 12:02

Instrument :
BNA_F
ClientSampleId :
P025-SS001-2430-01



Tgt Ion:264 Resp: 426734

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	20.6	17.2	25.8

