

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128409.D
 Acq On : 23 May 2022 19:40
 Operator : CG\JU
 Sample : N2873-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P032-SS001-1824-01

Quant Time: May 24 01:23:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

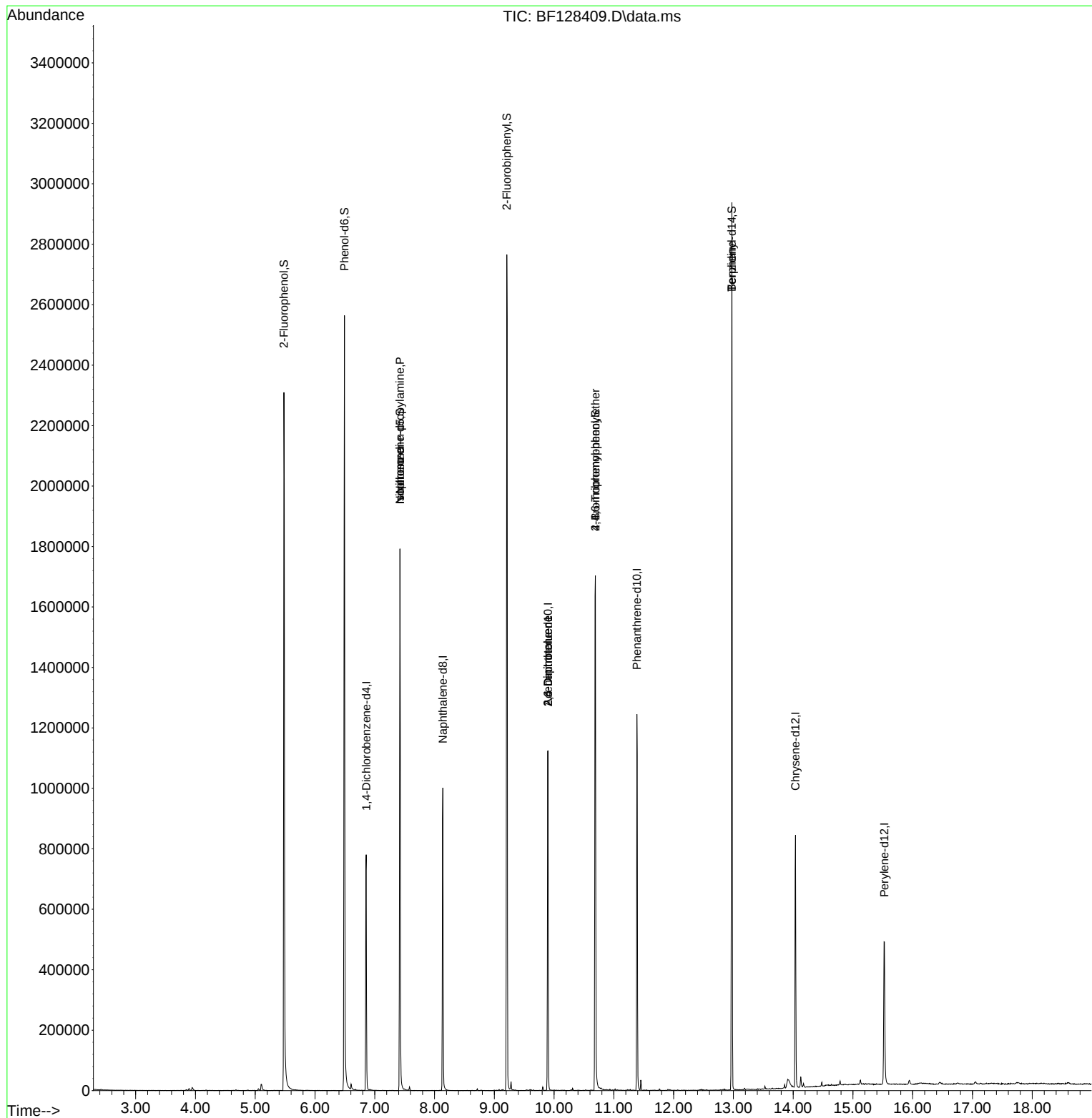
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	120654	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	462934	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	256093	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	463259	20.000	ng	0.00
76) Chrysene-d12	14.039	240	294893	20.000	ng	-0.01
86) Perylene-d12	15.527	264	238726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	654670	86.348	ng	0.00
7) Phenol-d6	6.492	99	842621	84.401	ng	0.00
23) Nitrobenzene-d5	7.422	82	588914	56.998	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	221438	83.844	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	916415	58.520	ng	-0.01
79) Terphenyl-d14	12.974	244	972178	63.640	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1436	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	78255	13.106	ng	# 79
25) Isophorone	7.422	82	588908	37.193	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	32607	9.139	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	32607	7.254	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	12884	2.657	ng	# 1
77) Benzidine	12.974	184	13564	2.212	ng	# 95

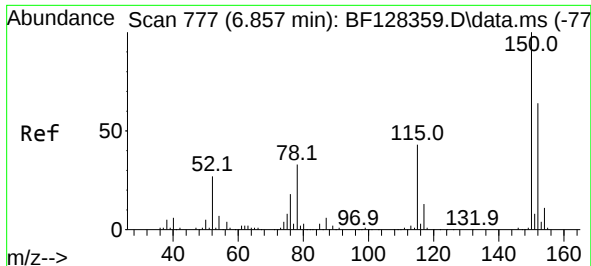
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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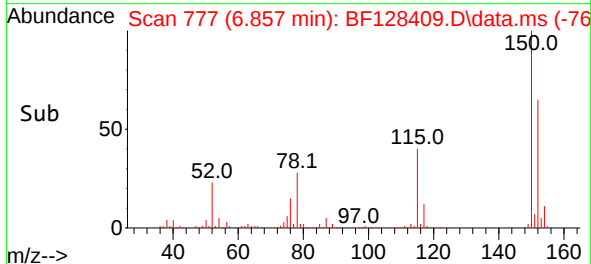
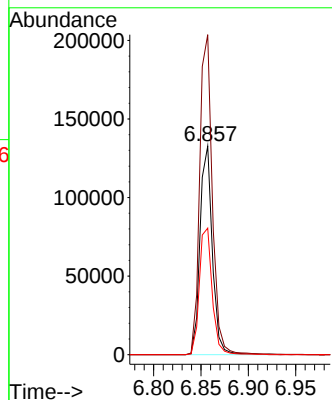
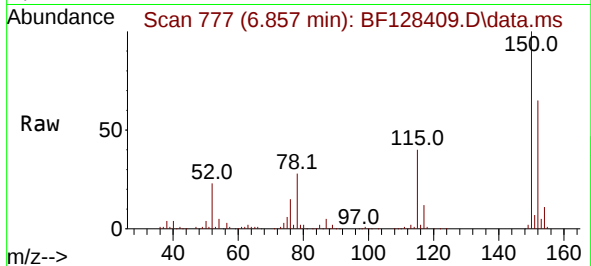




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

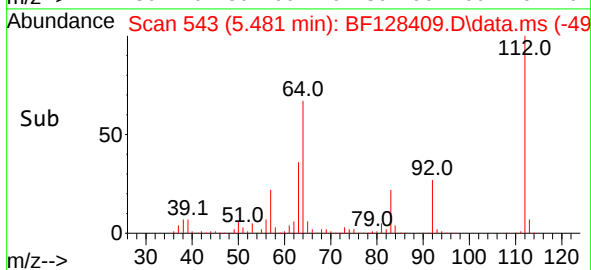
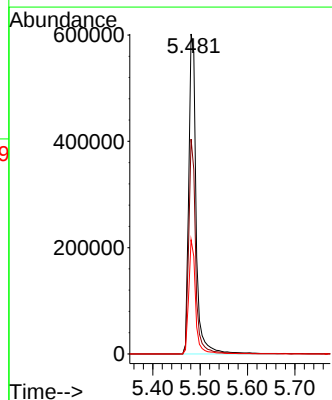
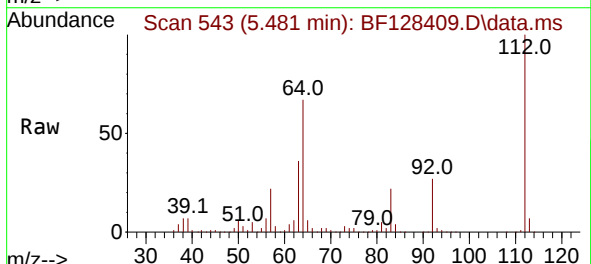
Instrument :
BNA_F
ClientSampleId :
P032-SS001-1824-01

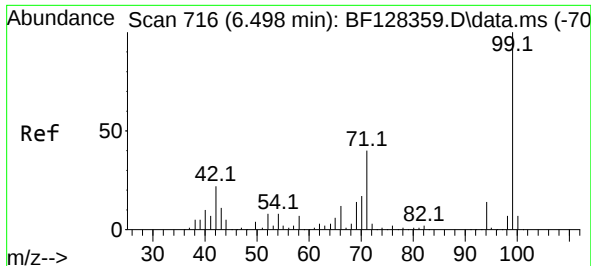
Tgt Ion:152 Resp: 120654
Ion Ratio Lower Upper
152 100
150 153.3 125.3 187.9
115 60.6 48.8 73.2



#5
2-Fluorophenol
Concen: 86.348 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

Tgt Ion:112 Resp: 654670
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 35.7 26.3 39.5

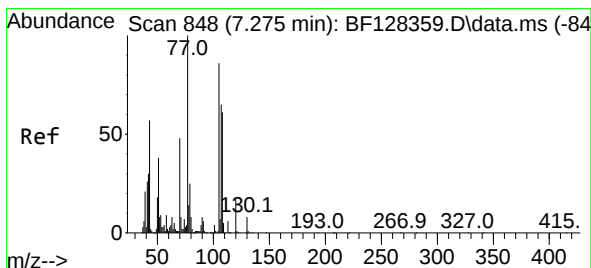
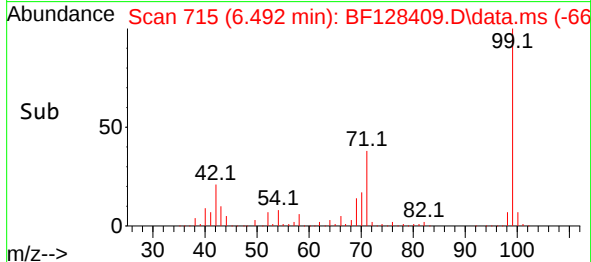
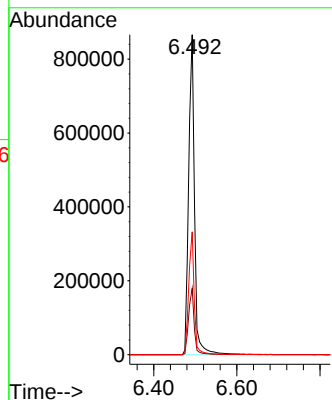
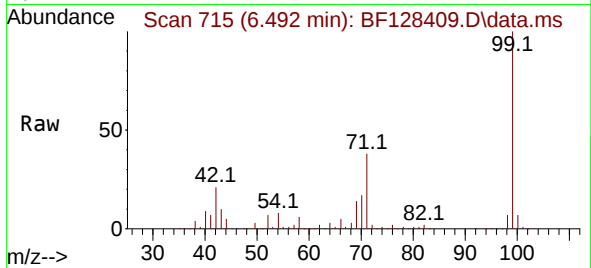




#7
Phenol-d6
Concen: 84.401 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

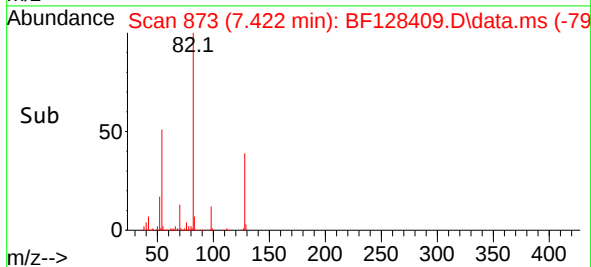
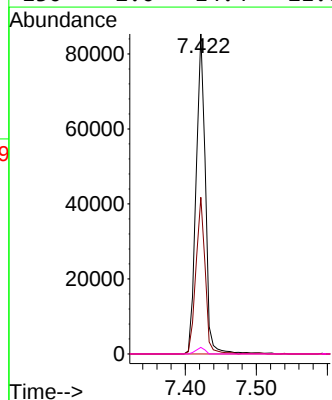
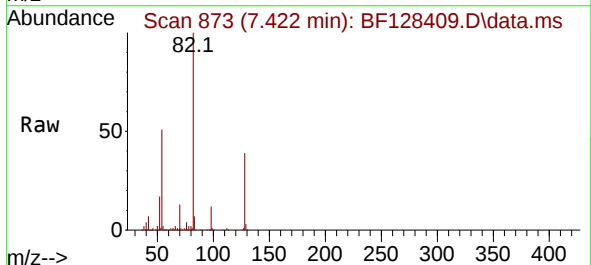
Instrument :
BNA_F
ClientSampleId :
P032-SS001-1824-01

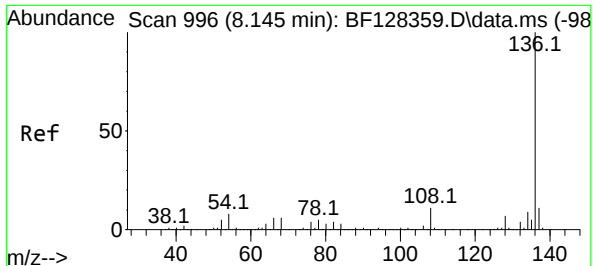
Tgt Ion: 99 Resp: 842621
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 38.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.106 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

Tgt Ion: 70 Resp: 78255
Ion Ratio Lower Upper
70 100
42 48.9 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

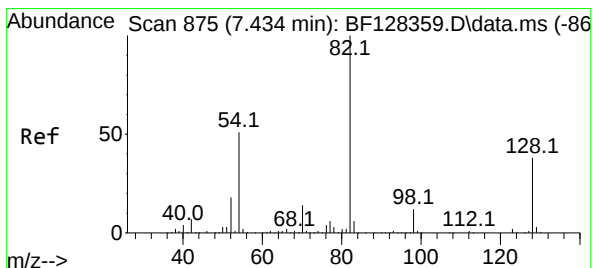
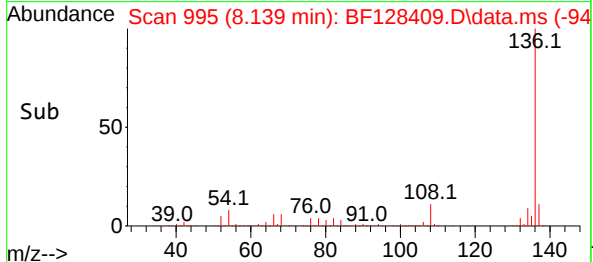
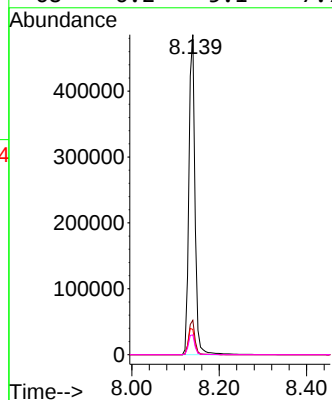
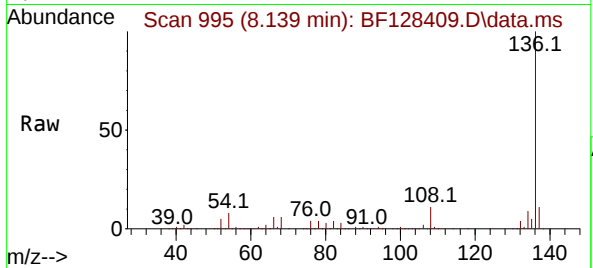




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

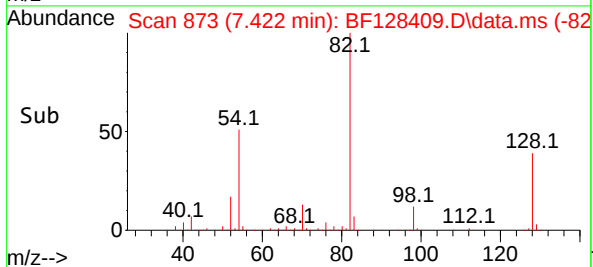
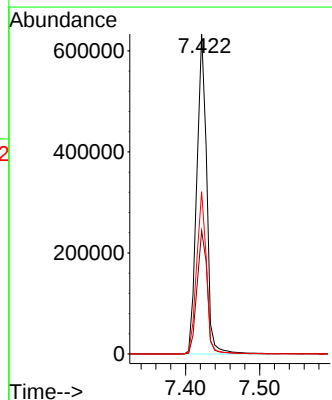
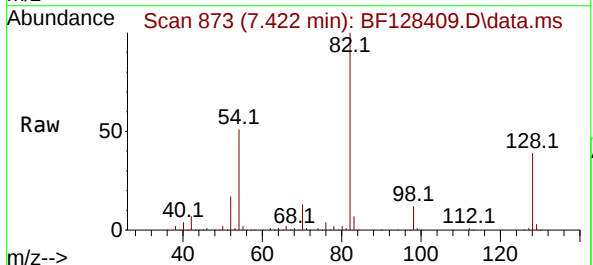
Instrument :
BNA_F
ClientSampleId :
P032-SS001-1824-01

Tgt Ion:136	Resp: 462934		
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.9	6.8	10.2
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 56.998 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

Tgt Ion: 82	Resp: 588914
Ion Ratio	Lower Upper
82 100	
128 38.5	30.0 45.0
54 50.7	41.3 61.9

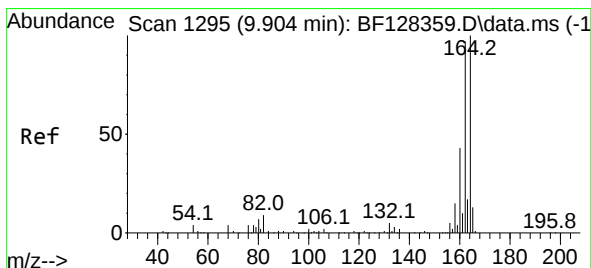
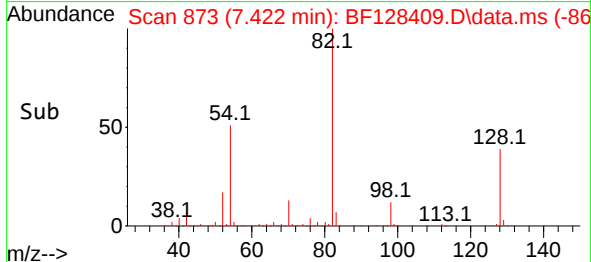
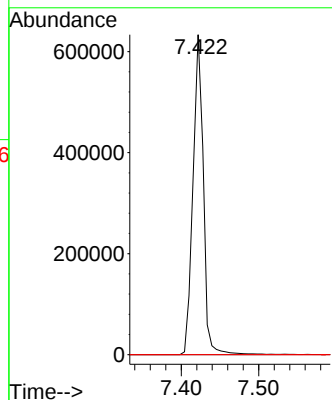
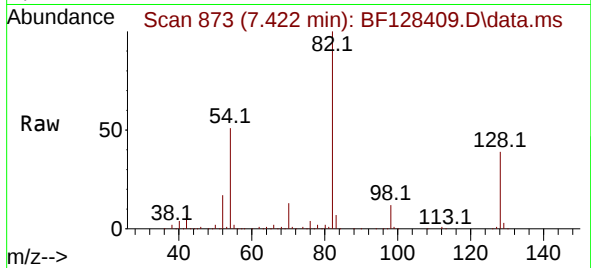




#25
Isophorone
Concen: 37.193 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

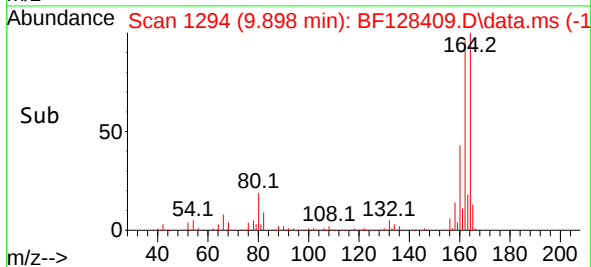
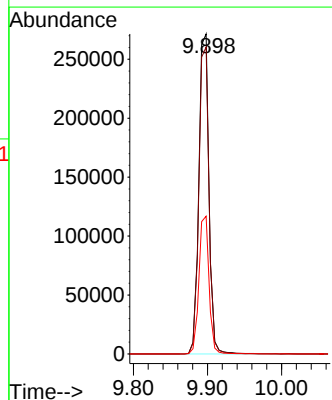
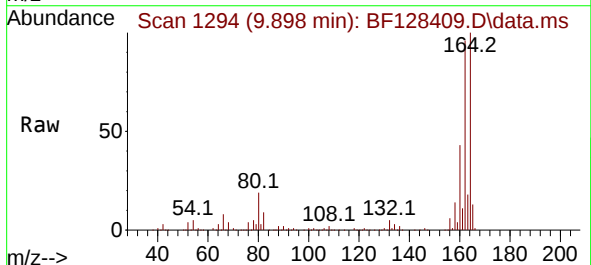
Instrument :
BNA_F
ClientSampleId :
P032-SS001-1824-01

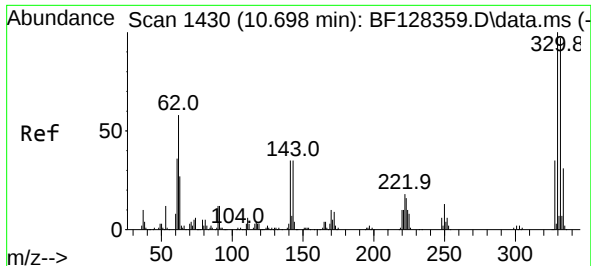
Tgt Ion: 82 Resp: 588908
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

Tgt Ion:164 Resp: 256093
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 43.0 34.8 52.2

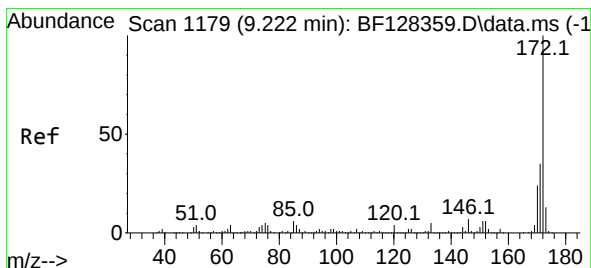
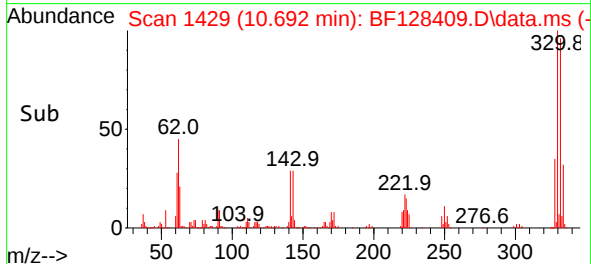
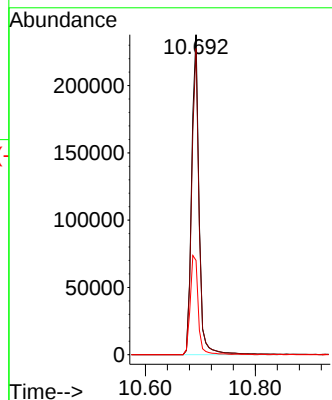
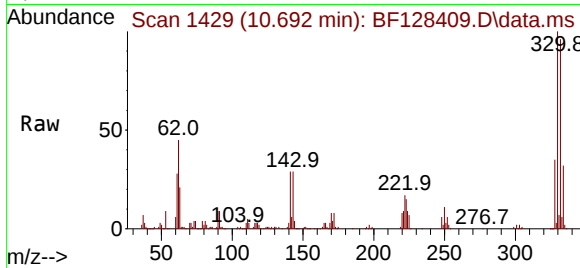




#42
2,4,6-Tribromophenol
Concen: 83.844 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

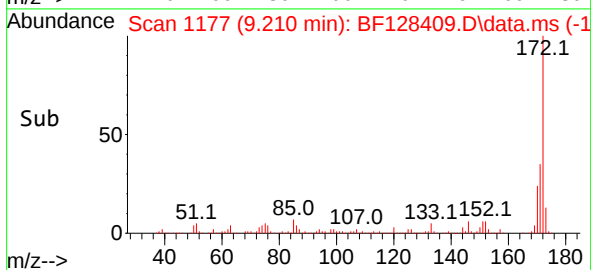
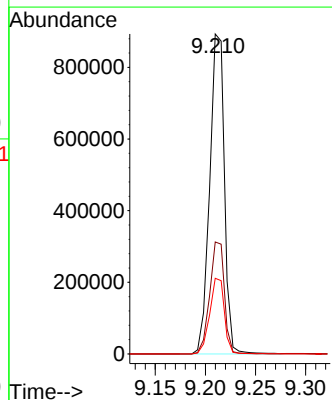
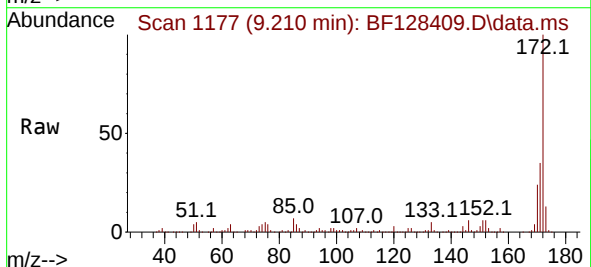
Instrument :
BNA_F
ClientSampleId :
P032-SS001-1824-01

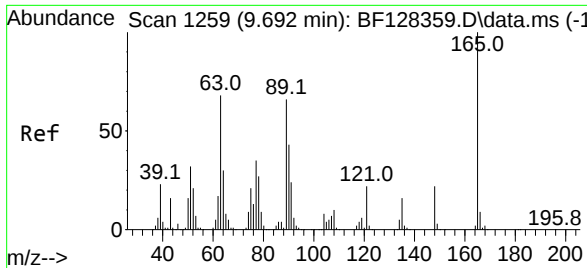
Tgt Ion:330 Resp: 221438
Ion Ratio Lower Upper
330 100
332 95.2 79.0 118.4
141 33.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 58.520 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

Tgt Ion:172 Resp: 916415
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.139 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF128409.D

Acq: 23 May 2022 19:40

Instrument :

BNA_F

ClientSampleId :

P032-SS001-1824-01

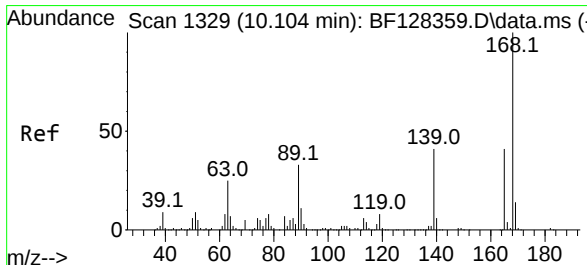
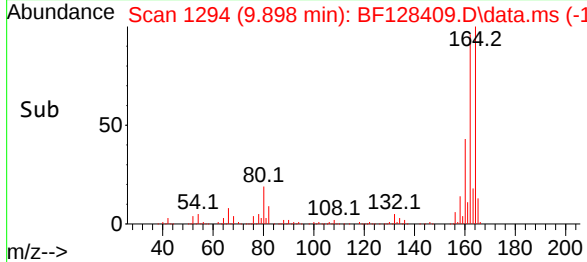
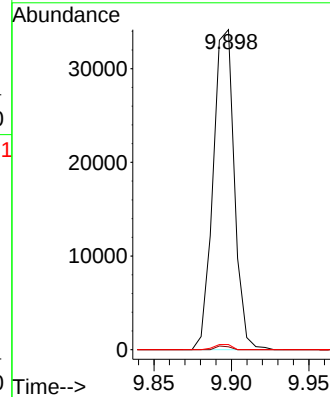
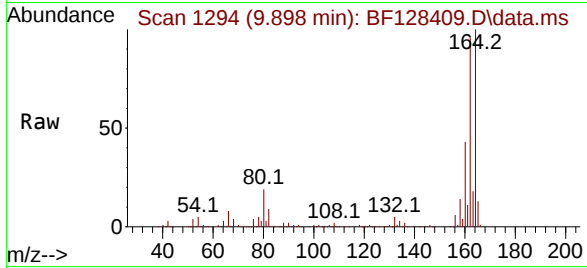
Tgt Ion:165 Resp: 32607

Ion Ratio Lower Upper

165 100

63 0.9 49.5 74.3#

89 1.6 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.254 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128409.D

Acq: 23 May 2022 19:40

Tgt Ion:165 Resp: 32607

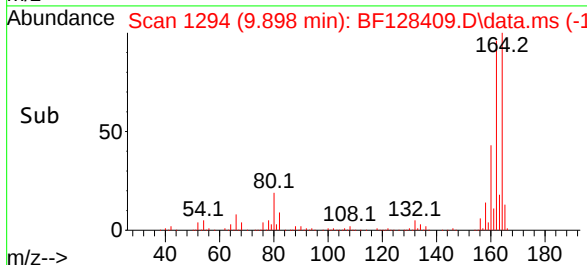
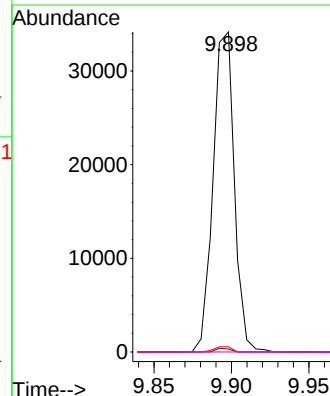
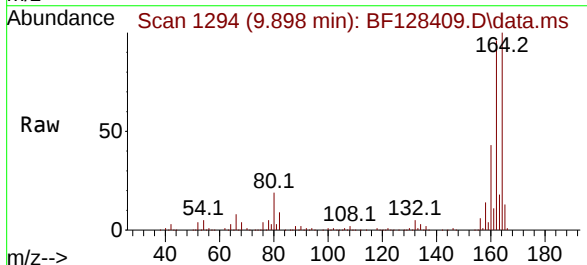
Ion Ratio Lower Upper

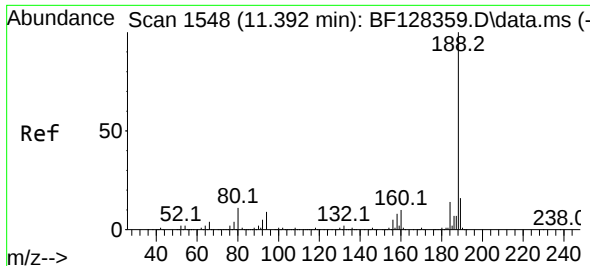
165 100

63 0.9 32.6 49.0#

89 1.6 55.2 82.8#

182 0.0 2.0 3.0#

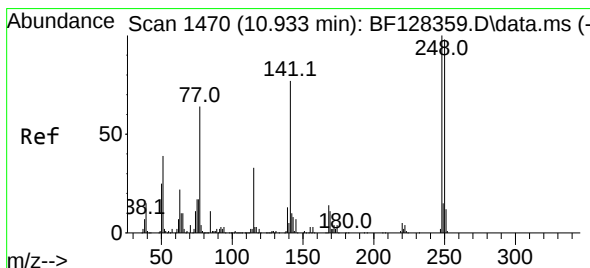
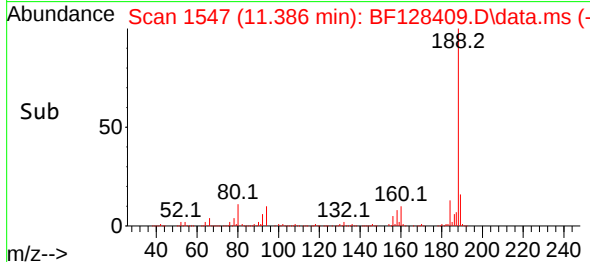
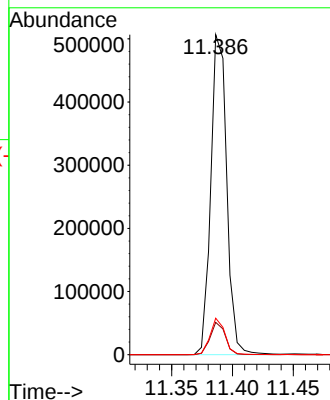
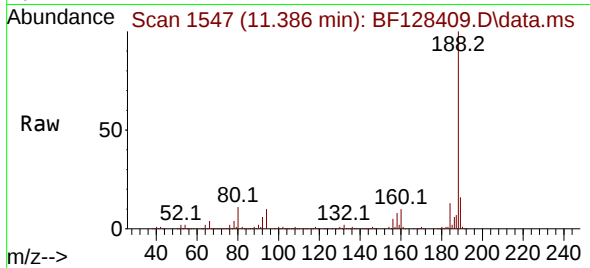




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

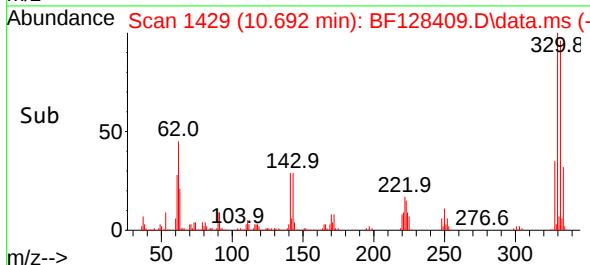
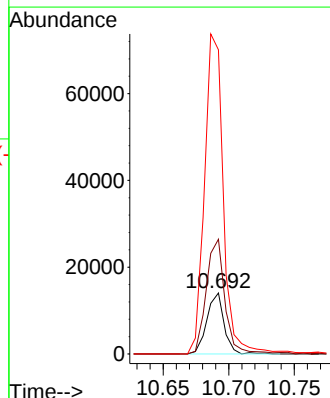
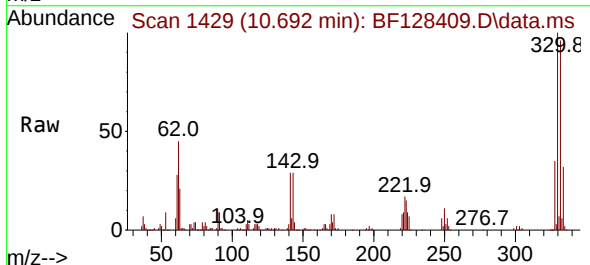
Instrument :
BNA_F
ClientSampleId :
P032-SS001-1824-01

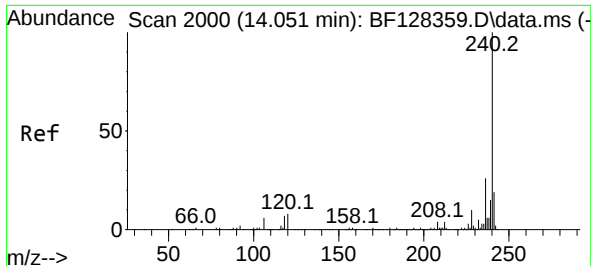
Tgt Ion:188 Resp: 463259
Ion Ratio Lower Upper
188 100
94 10.1 8.0 12.0
80 11.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.657 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

Tgt Ion:248 Resp: 12884
Ion Ratio Lower Upper
248 100
250 188.0 77.7 116.5#
141 498.5 65.6 98.4#

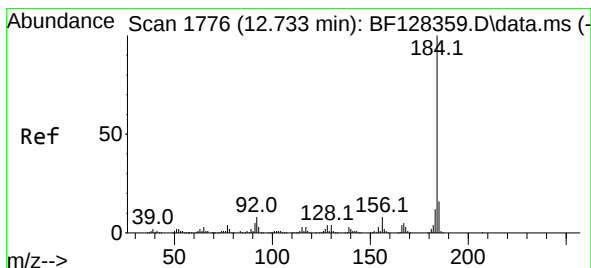
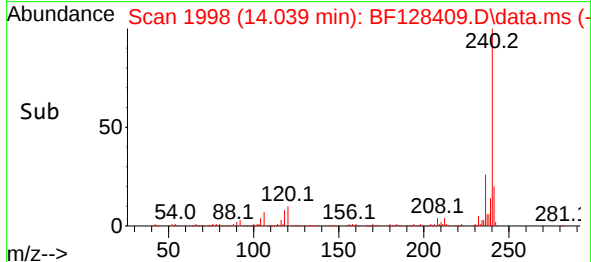
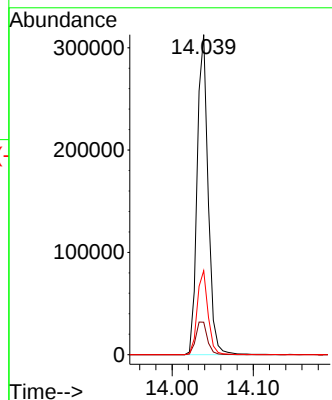
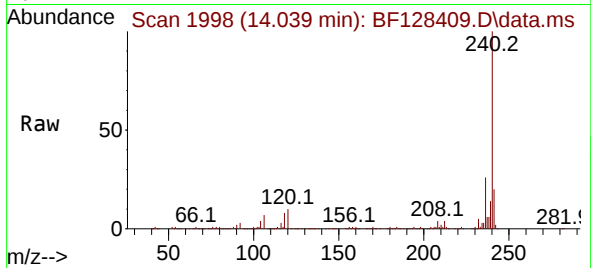




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

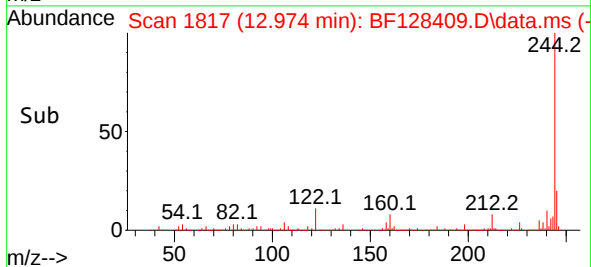
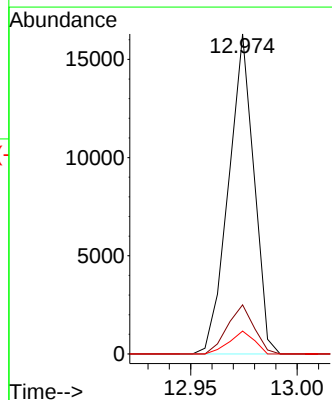
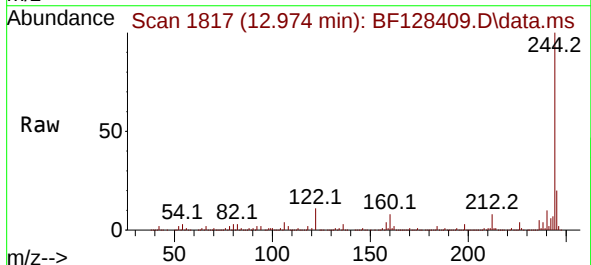
Instrument :
BNA_F
ClientSampleId :
P032-SS001-1824-01

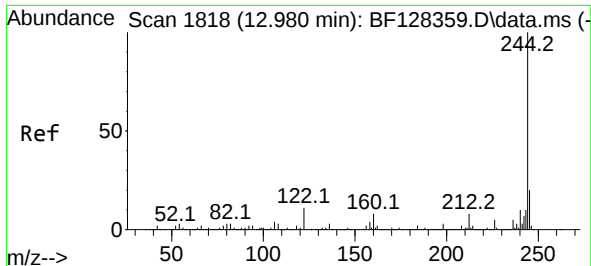
Tgt Ion:240 Resp: 294893
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 26.3 20.3 30.5



#77
Benzidine
Concen: 2.212 ng
RT: 12.974 min Scan# 1817
Delta R.T. 0.241 min
Lab File: BF128409.D
Acq: 23 May 2022 19:40

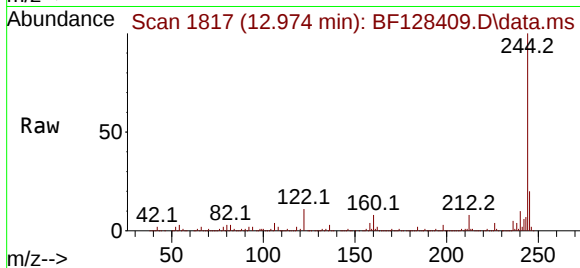
Tgt Ion:184 Resp: 13564
Ion Ratio Lower Upper
184 100
185 15.3 12.1 18.1
183 7.1 9.0 13.4#



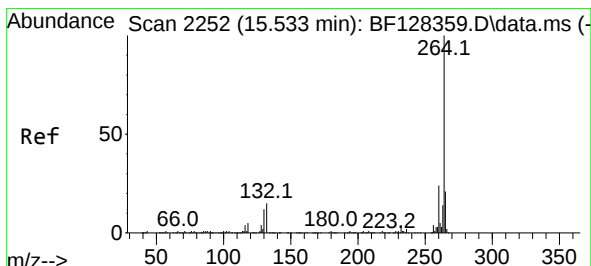
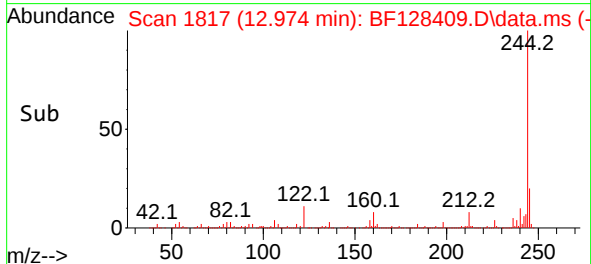
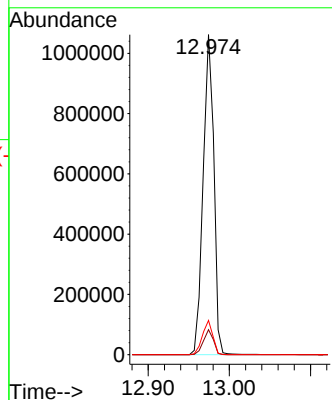


#79
 Terphenyl-d14
 Concen: 63.640 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF128409.D
 Acq: 23 May 2022 19:40

Instrument :
 BNA_F
 ClientSampleId :
 P032-SS001-1824-01



Tgt Ion:244 Resp: 972178
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128409.D
 Acq: 23 May 2022 19:40

Tgt Ion:264 Resp: 238726
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 22.3 17.5 26.3

