

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128399.D
 Acq On : 23 May 2022 14:34
 Operator : CG\JU
 Sample : N2873-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P029-SS001-2430-01

Quant Time: May 24 01:22:27 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)

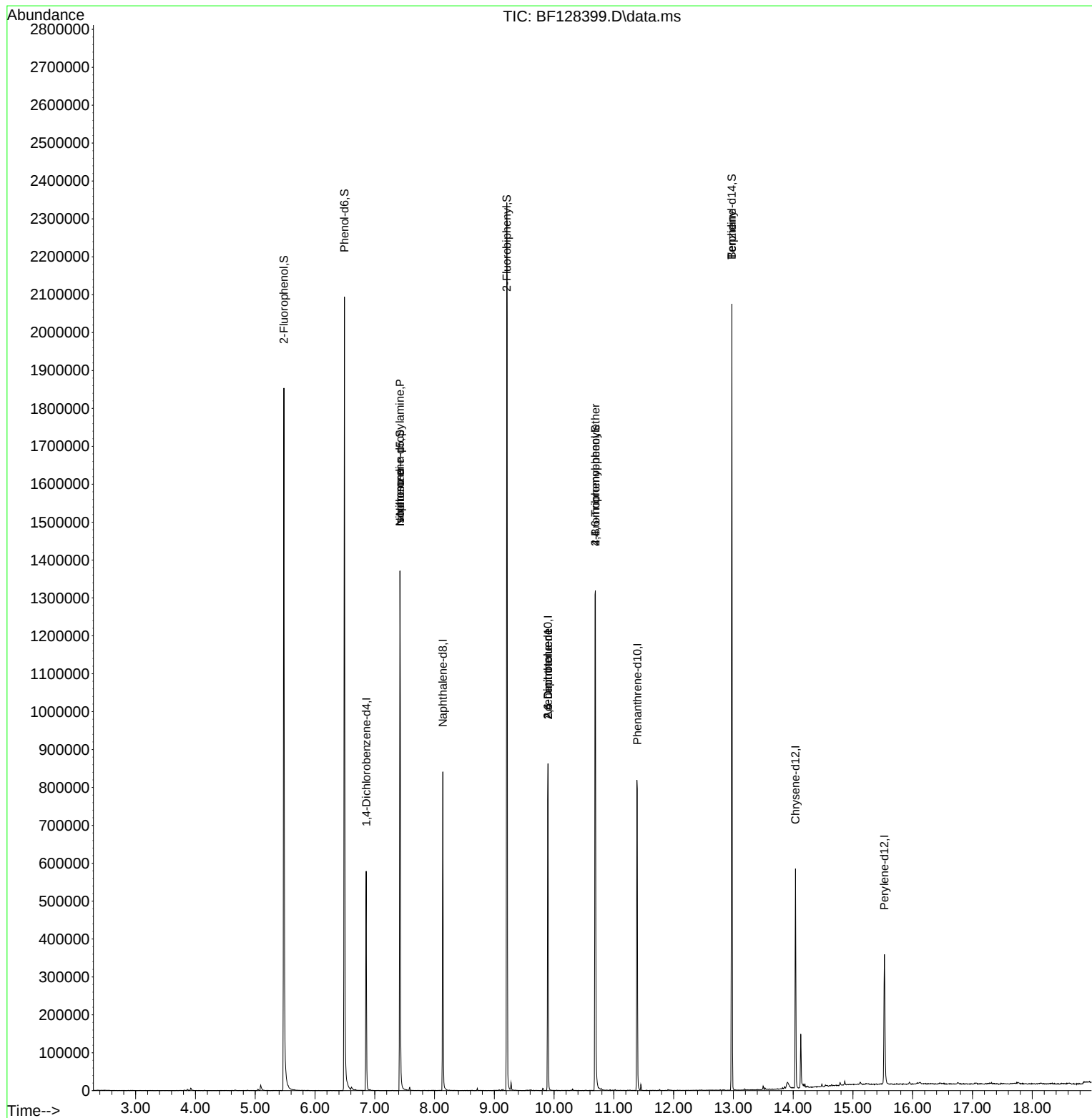
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	80438	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	335422	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	179741	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	323059	20.000	ng	0.00
76) Chrysene-d12	14.039	240	189489	20.000	ng	-0.01
86) Perylene-d12	15.527	264	164134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	497149	98.355	ng	0.00
7) Phenol-d6	6.492	99	637048	95.712	ng	0.00
23) Nitrobenzene-d5	7.422	82	435845	58.219	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	168871	91.101	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	694014	63.143	ng	-0.01
79) Terphenyl-d14	12.974	244	644652	65.674	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.492	77	1180	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	58042	14.581	ng	# 81
25) Isophorone	7.422	82	435839	37.990	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	22926	9.155	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	22926	7.267	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	10237	3.028	ng	# 1
77) Benizidine	12.974	184	9502	2.411	ng	# 93

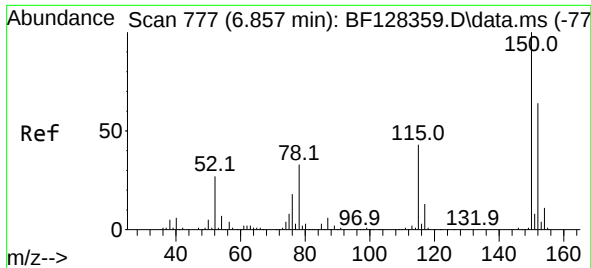
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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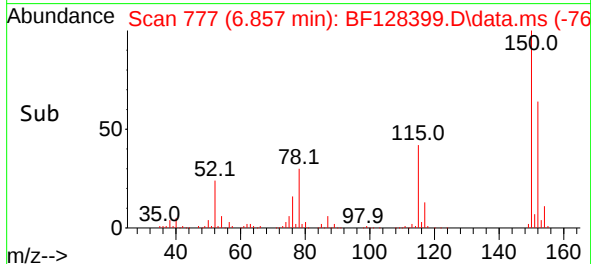
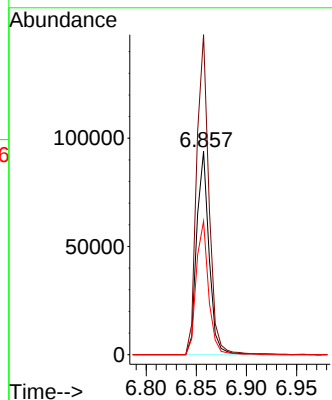
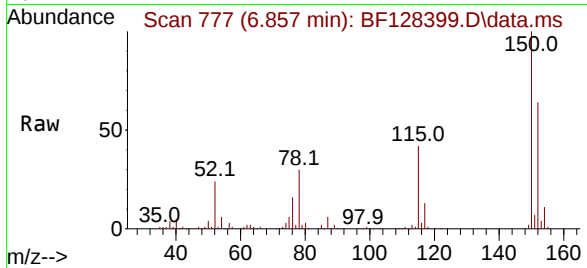




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128399.D
Acq: 23 May 2022 14:34

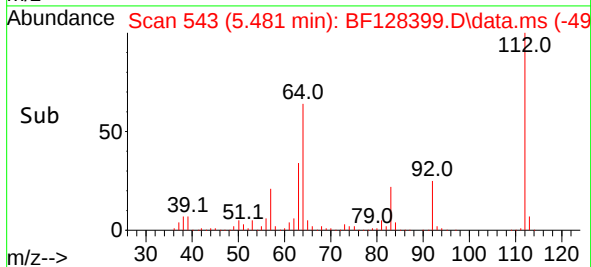
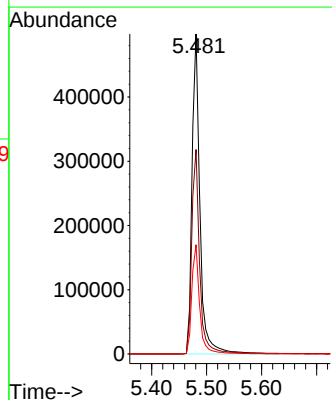
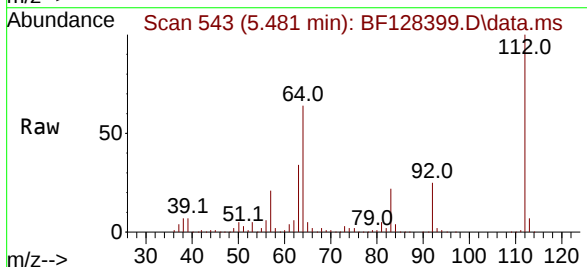
Instrument :
BNA_F
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P029-SS001-2430-01

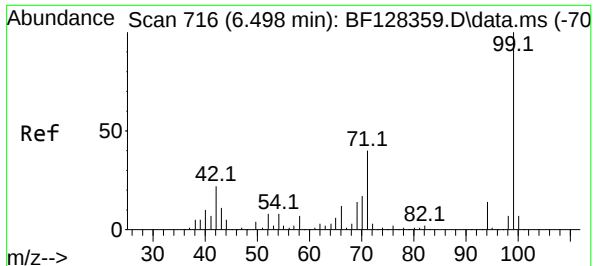
Tgt Ion:152 Resp: 80438
Ion Ratio Lower Upper
152 100
150 157.4 125.3 187.9
115 65.7 48.8 73.2



#5
2-Fluorophenol
Concen: 98.355 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128399.D
Acq: 23 May 2022 14:34

Tgt Ion:112 Resp: 497149
Ion Ratio Lower Upper
112 100
64 63.9 49.5 74.3
63 34.2 26.3 39.5

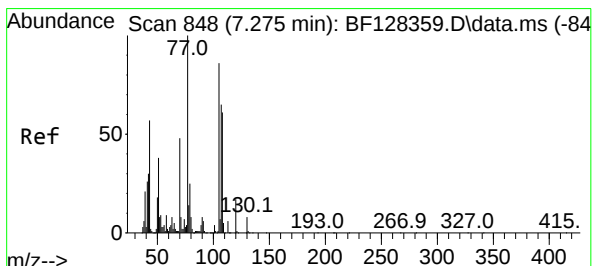
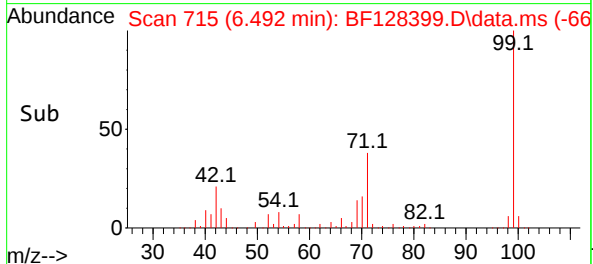
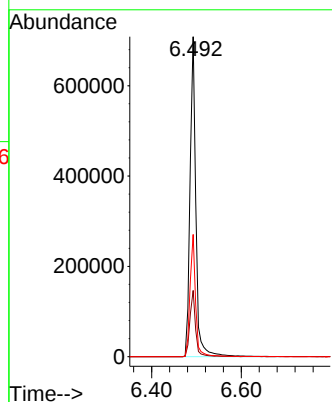
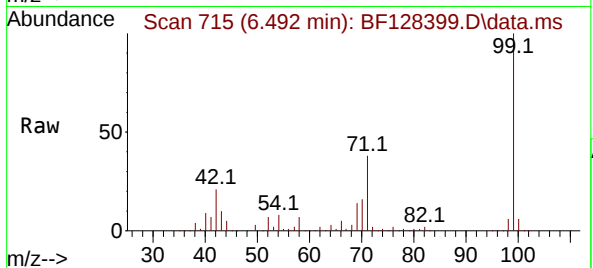




#7
Phenol-d6
Concen: 95.712 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128399.D
Acq: 23 May 2022 14:34

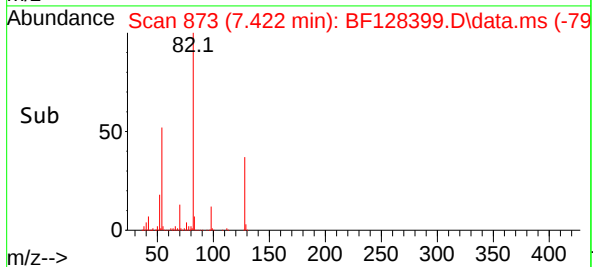
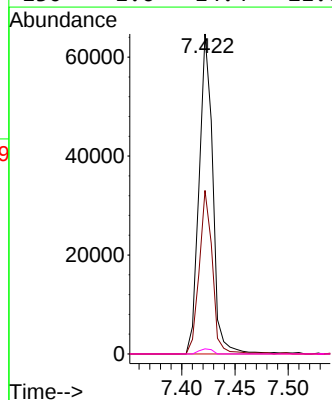
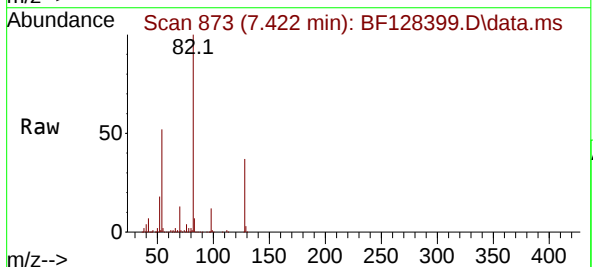
Instrument :
BNA_F
ClientSampleId :
P029-SS001-2430-01

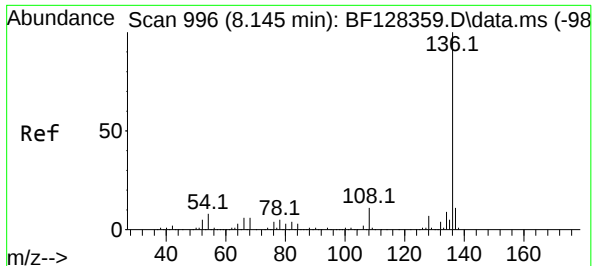
Tgt Ion: 99 Resp: 637048
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 38.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.581 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128399.D
Acq: 23 May 2022 14:34

Tgt Ion: 70 Resp: 58042
Ion Ratio Lower Upper
70 100
42 51.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF128399.D

Acq: 23 May 2022 14:34

Instrument :

BNA_F

ClientSampleId :

P029-SS001-2430-01

Tgt Ion:136 Resp: 335422

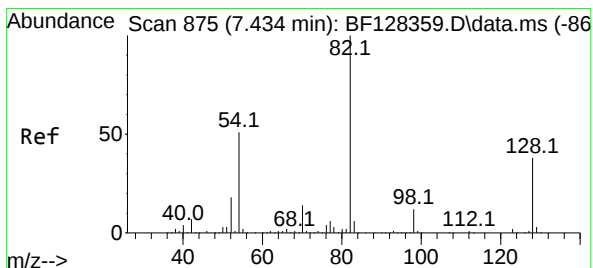
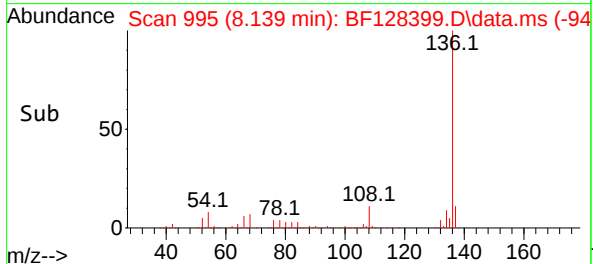
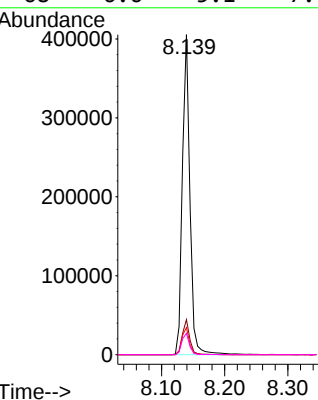
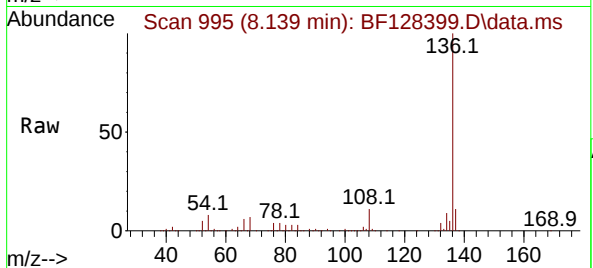
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.4 6.8 10.2

68 6.6 5.1 7.7



#23

Nitrobenzene-d5

Concen: 58.219 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF128399.D

Acq: 23 May 2022 14:34

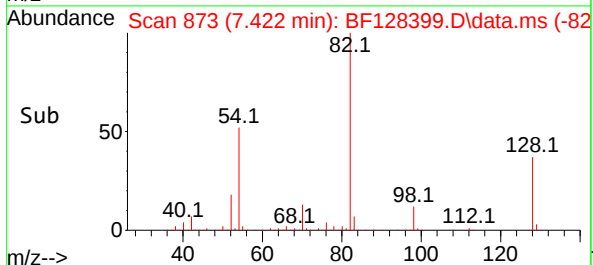
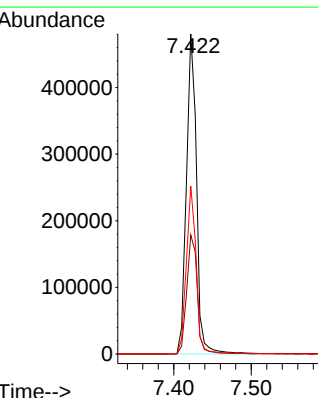
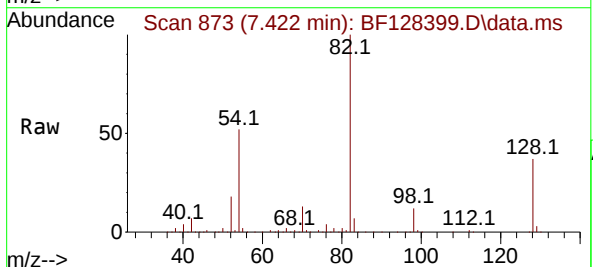
Tgt Ion: 82 Resp: 435845

Ion Ratio Lower Upper

82 100

128 37.2 30.0 45.0

54 52.5 41.3 61.9

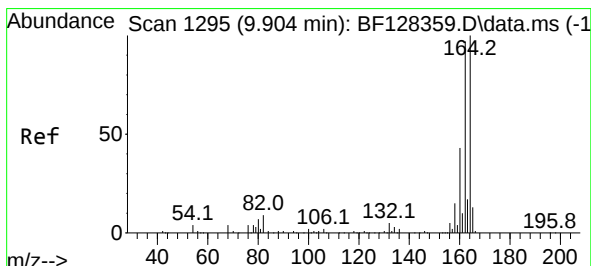
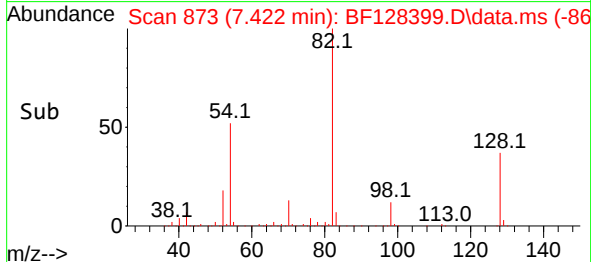
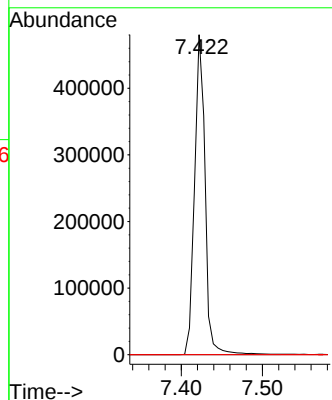
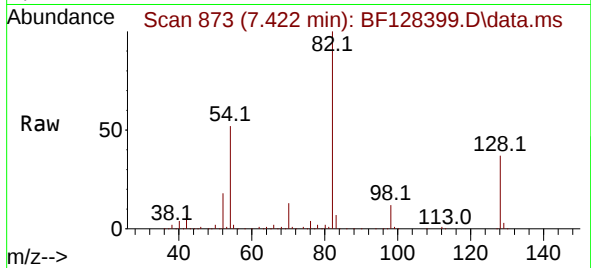




#25
Isophorone
Concen: 37.990 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128399.D
Acq: 23 May 2022 14:34

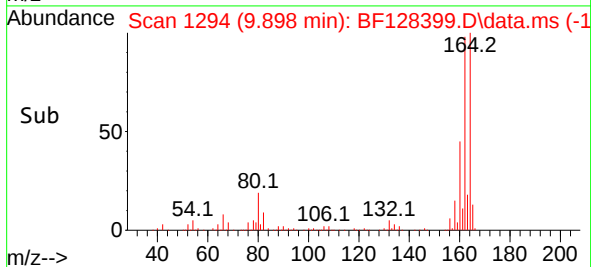
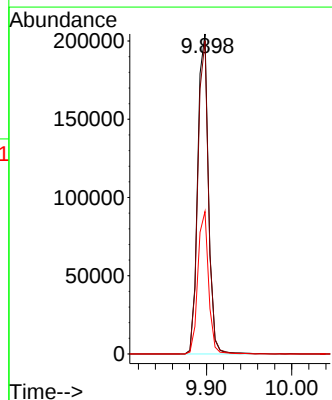
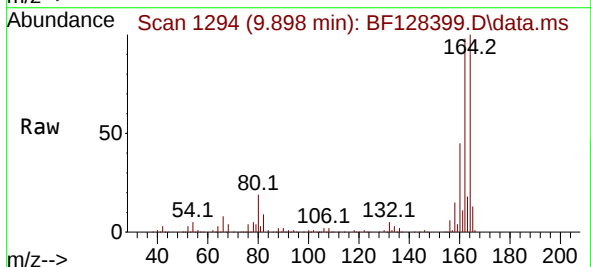
Instrument :
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P029-SS001-2430-01

Tgt Ion: 82 Resp: 435839
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: BF128399.D
Acq: 23 May 2022 14:34

Tgt Ion: 164 Resp: 179741
Ion Ratio Lower Upper
164 100
162 97.9 76.0 114.0
160 44.5 34.8 52.2

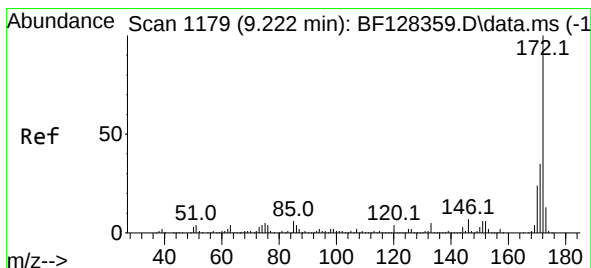
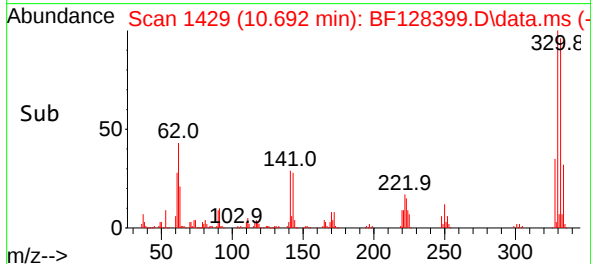
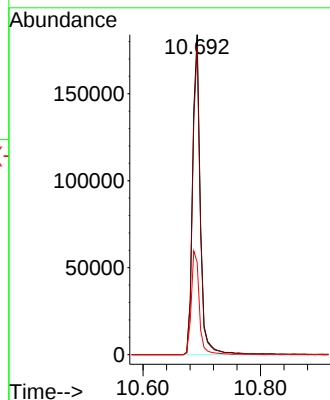
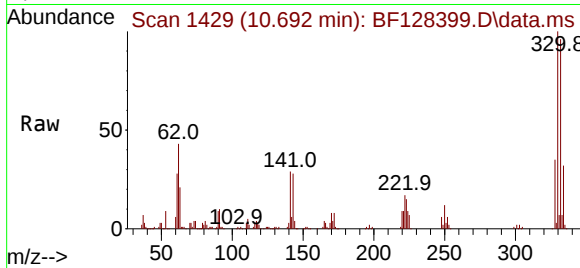




#42
2,4,6-Tribromophenol
Concen: 91.101 ng
RT: 10.692 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128399.D
Acq: 23 May 2022 14:34

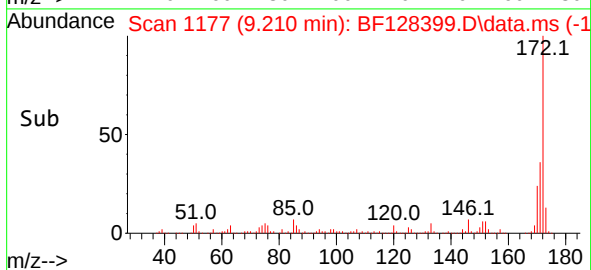
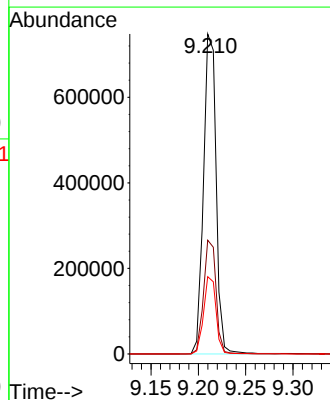
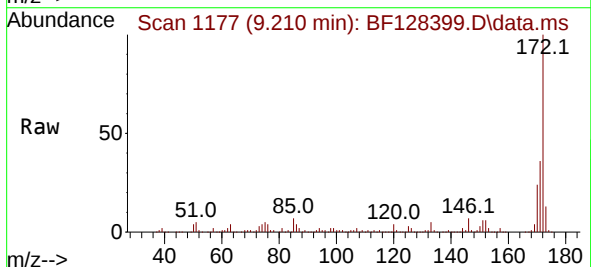
Instrument :
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ClientSampleId :
P029-SS001-2430-01

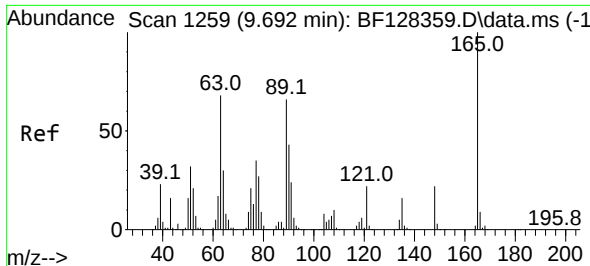
Tgt Ion: 330 Resp: 168871
Ion Ratio Lower Upper
330 100
332 95.4 79.0 118.4
141 33.3 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 63.143 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF128399.D
Acq: 23 May 2022 14:34

Tgt Ion: 172 Resp: 694014
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.2 19.1 28.7

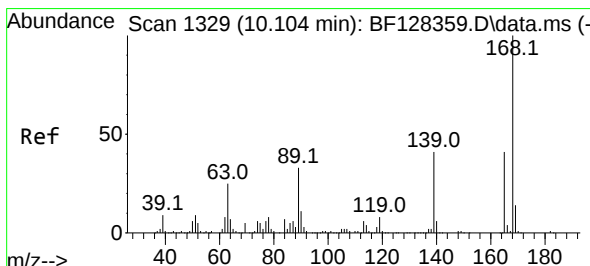
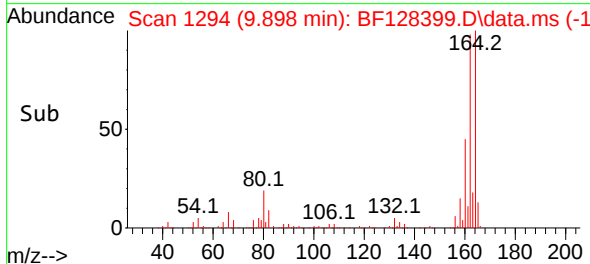
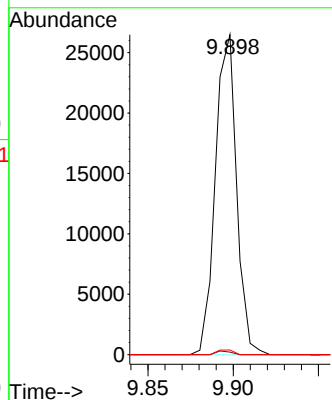
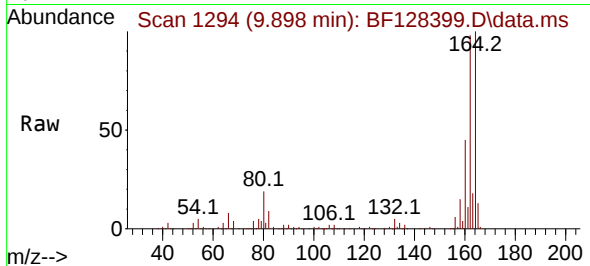




#51
2,6-Dinitrotoluene
Concen: 9.155 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128399.D
Acq: 23 May 2022 14:34

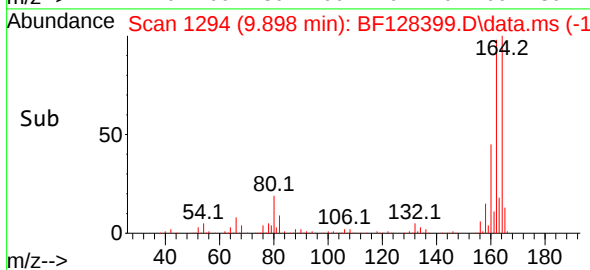
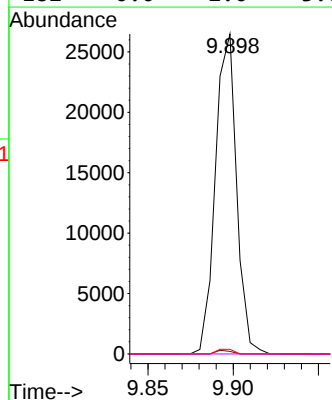
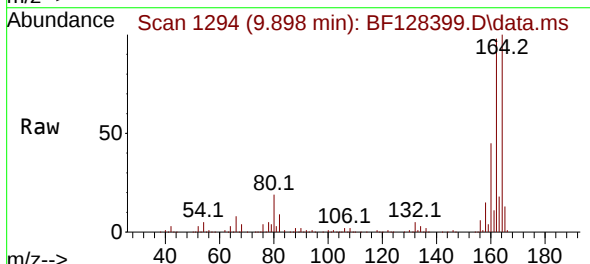
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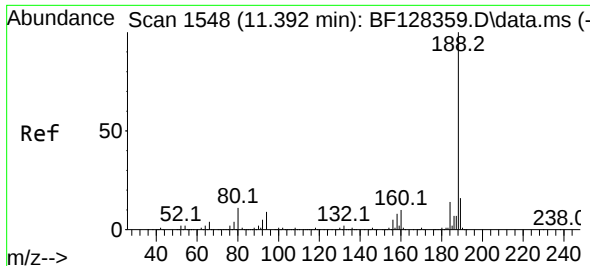
Tgt Ion:165 Resp: 22926
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.267 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.206 min
Lab File: BF128399.D
Acq: 23 May 2022 14:34

Tgt Ion:165 Resp: 22926
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

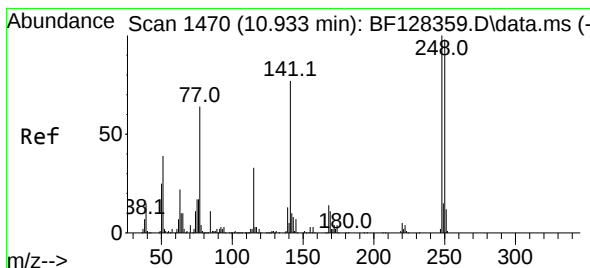
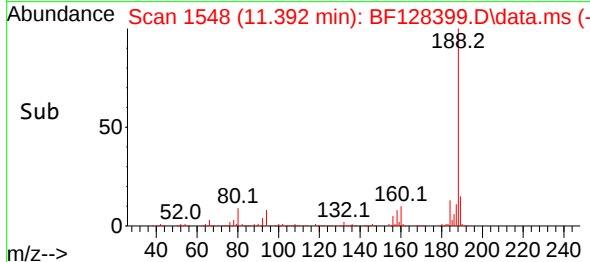
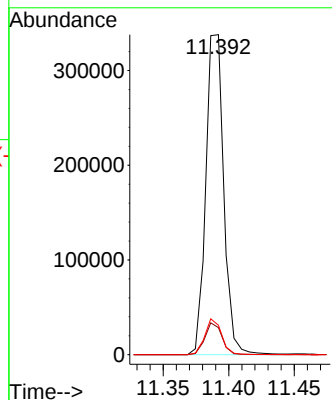
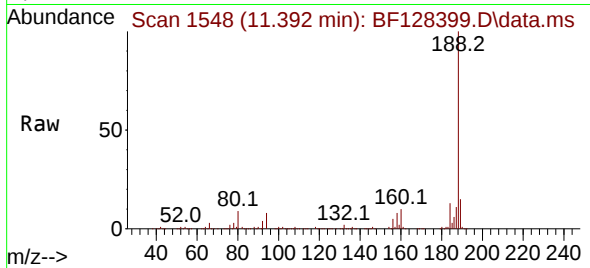




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11392
Delta R.T. 0.000 min
Lab File: BF128399.D
Acq: 23 May 2022 14:34

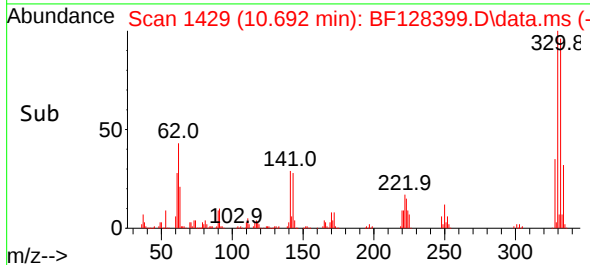
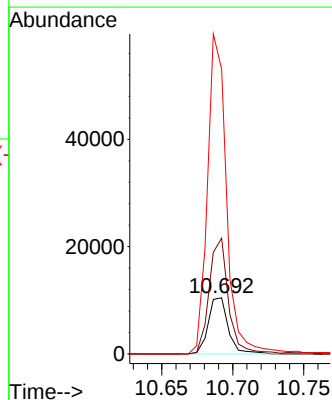
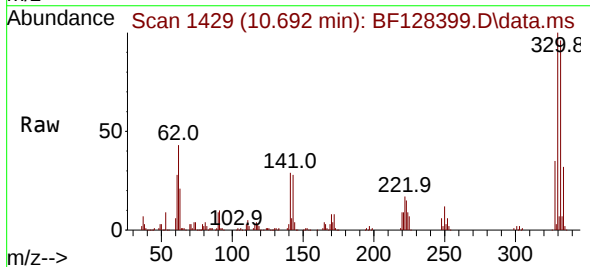
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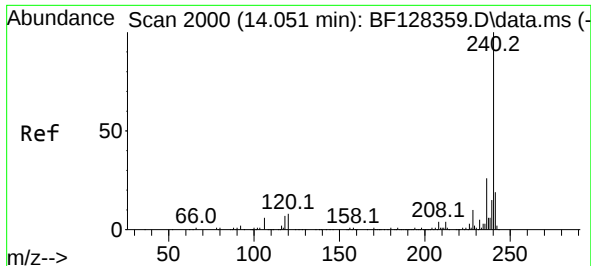
Tgt Ion:188 Resp: 323059
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.028 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128399.D
Acq: 23 May 2022 14:34

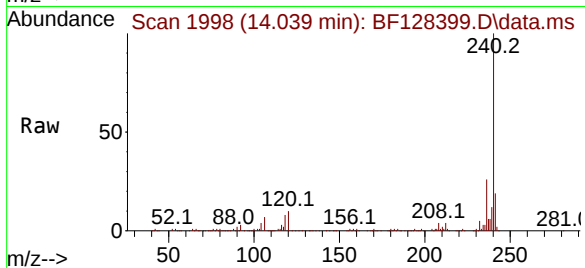
Tgt Ion:248 Resp: 10237
Ion Ratio Lower Upper
248 100
250 206.2 77.7 116.5#
141 506.8 65.6 98.4#



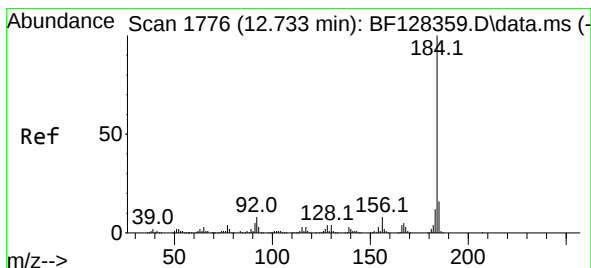
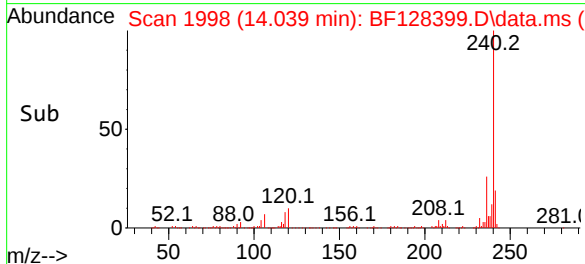
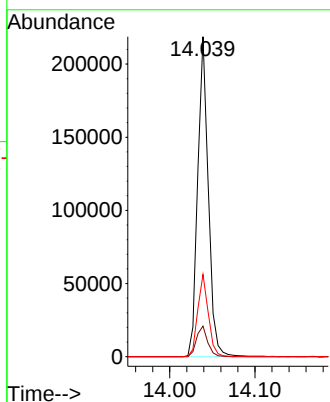


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128399.D
Acq: 23 May 2022 14:34

Instrument :
BNA_F
ClientSampleId :
P029-SS001-2430-01

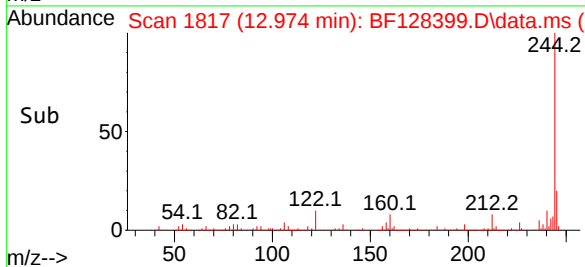
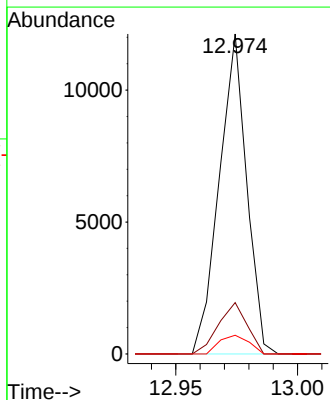
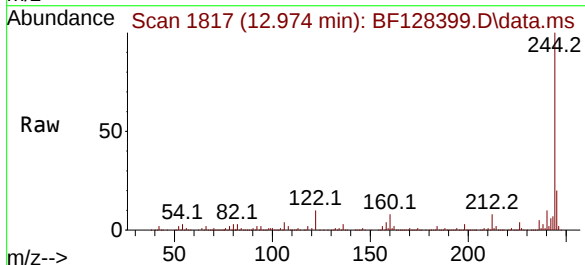


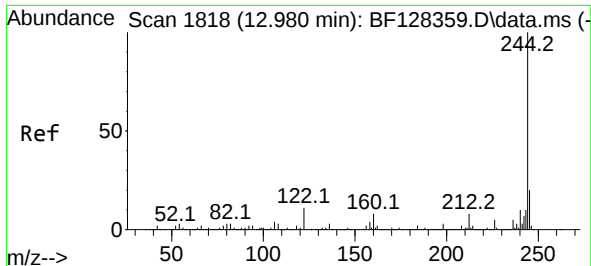
Tgt Ion:240 Resp: 189489
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 25.7 20.3 30.5



#77
Benzidine
Concen: 2.411 ng
RT: 12.974 min Scan# 1817
Delta R.T. 0.241 min
Lab File: BF128399.D
Acq: 23 May 2022 14:34

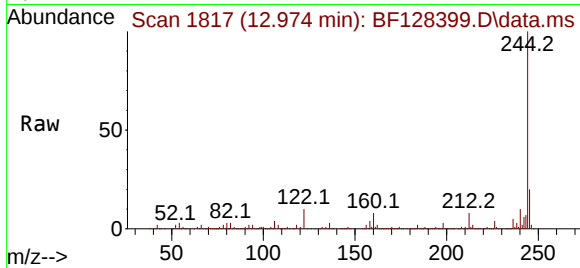
Tgt Ion:184 Resp: 9502
Ion Ratio Lower Upper
184 100
185 16.1 12.1 18.1
183 5.9 9.0 13.4#



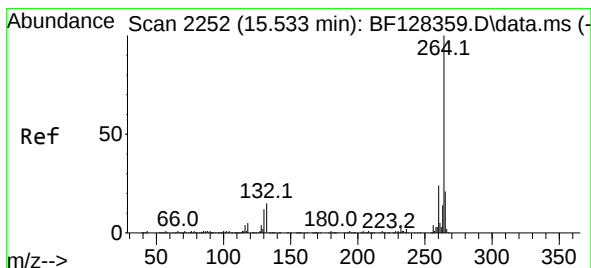
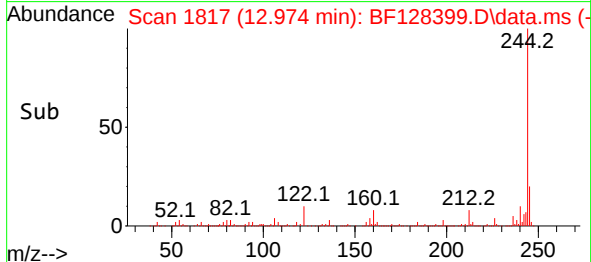
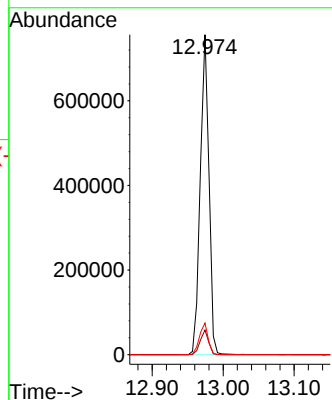


#79
 Terphenyl-d14
 Concen: 65.674 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF128399.D
 Acq: 23 May 2022 14:34

Instrument :
 BNA_F
 ClientSampleId :
 P029-SS001-2430-01



Tgt Ion:244 Resp: 644652
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.9 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: BF128399.D
 Acq: 23 May 2022 14:34

Tgt Ion:264 Resp: 164134
 Ion Ratio Lower Upper
 264 100
 260 21.8 20.1 30.1
 265 21.2 17.5 26.3

