

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
 Data File : BF128224.D
 Acq On : 12 May 2022 19:31
 Operator : CG\JU
 Sample : N2804-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FETWP-3

Quant Time: May 13 05:15:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

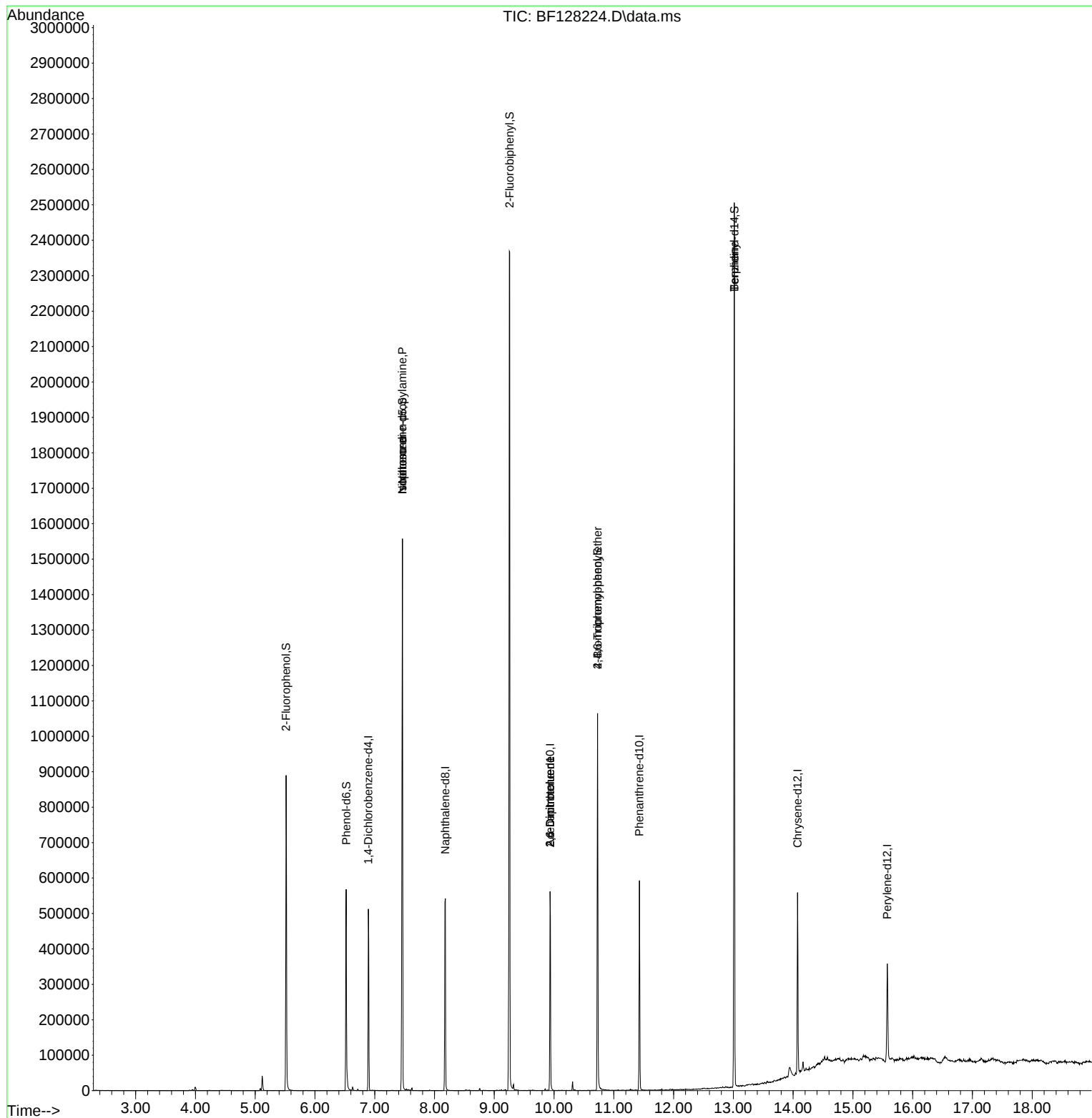
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	68707	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	241462	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	119382	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	205093	20.000	ng	0.00
76) Chrysene-d12	14.074	240	174110	20.000	ng	0.00
86) Perylene-d12	15.574	264	126224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	212674	49.344	ng	0.00
7) Phenol-d6	6.522	99	169083	29.660	ng	0.00
23) Nitrobenzene-d5	7.463	82	515995	96.156	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	120193	87.786	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	790476	103.605	ng	0.00
79) Terphenyl-d14	13.016	244	810546	87.354	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.451	77	66	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.463	70	70848	20.181	ng	# 78
25) Isophorone	7.463	82	514275	61.129	ng	# 68
51) 2,6-Dinitrotoluene	9.934	165	14902	8.818	ng	# 21
57) 2,4-Dinitrotoluene	9.934	165	14902	6.595	ng	# 25
67) 4-Bromophenyl-phenylether	10.728	248	7451	3.377	ng	# 1
77) Benizidine	13.016	184	11990	3.180	ng	# 92

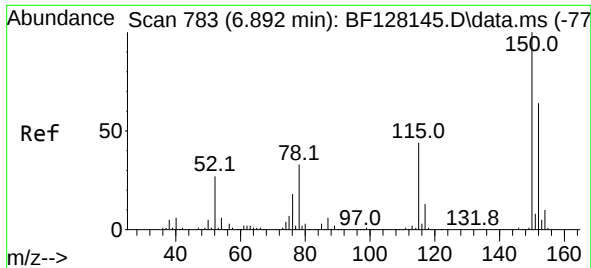
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
Data File : BF128224.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Time: May 13 05:15:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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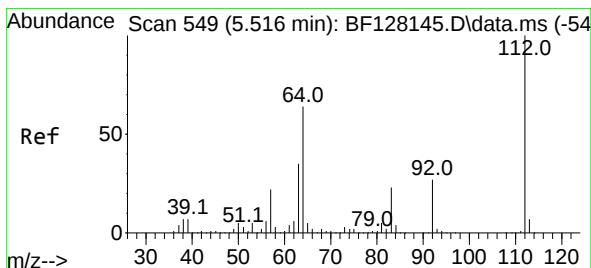
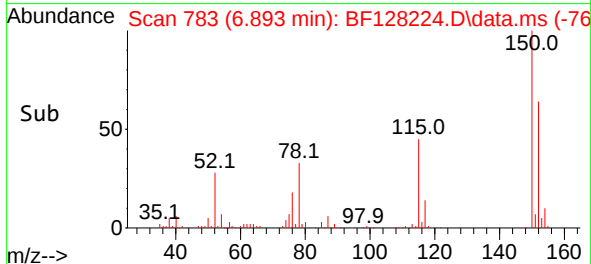
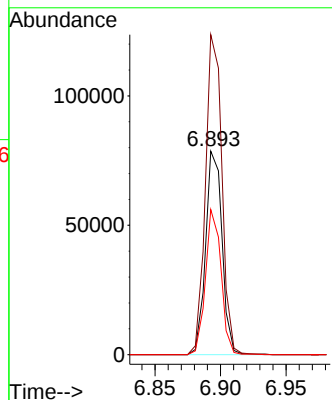
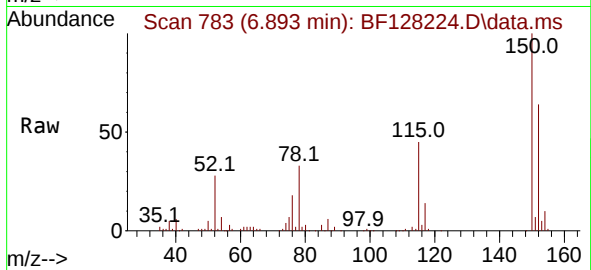




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF128224.D
Acq: 12 May 2022 19:31

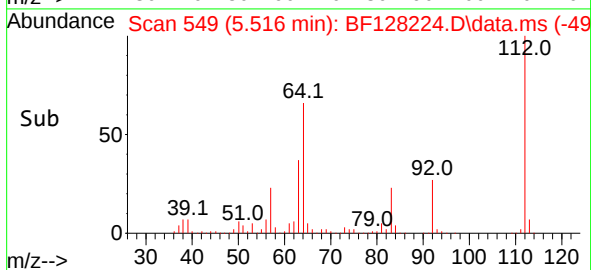
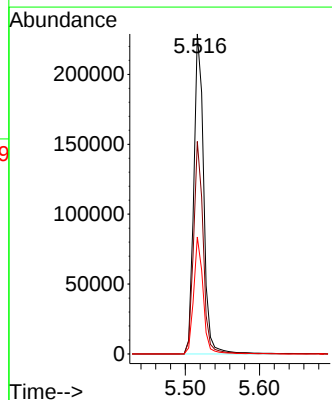
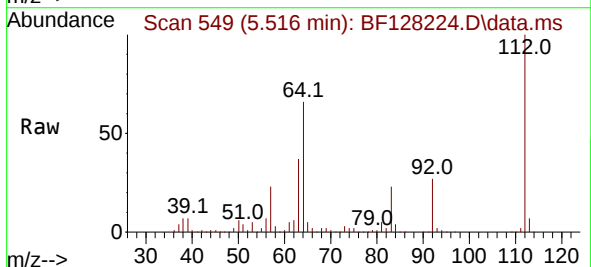
Instrument :
BNA_F
ClientSampleId :
FETWP-3

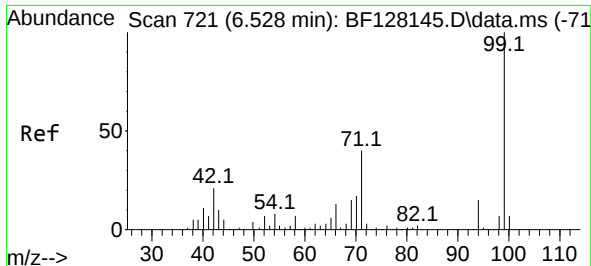
Tgt Ion:152 Resp: 68707
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 71.3 48.8 73.2



#5
2-Fluorophenol
Concen: 49.344 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.000 min
Lab File: BF128224.D
Acq: 12 May 2022 19:31

Tgt Ion:112 Resp: 212674
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 36.6 26.3 39.5

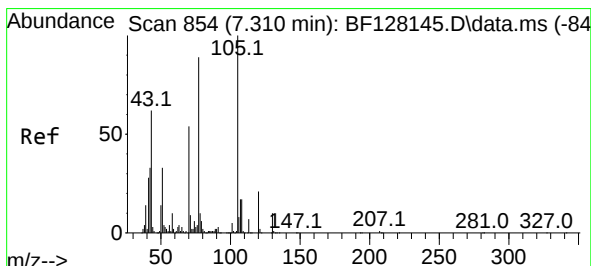
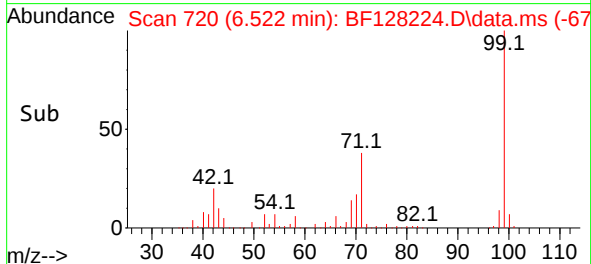
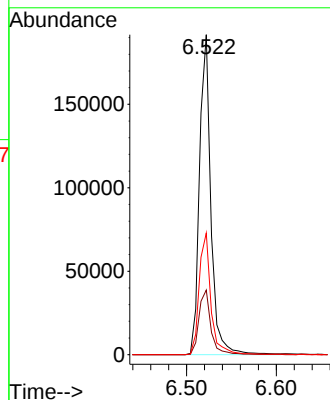
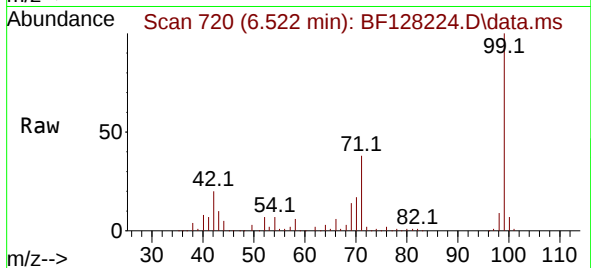




#7
Phenol-d6
Concen: 29.660 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128224.D
Acq: 12 May 2022 19:31

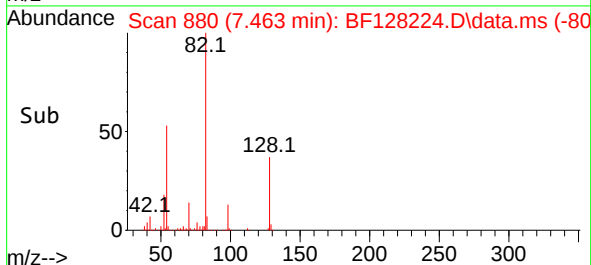
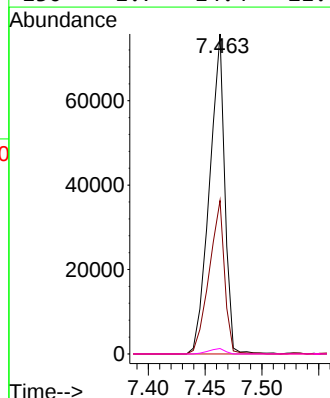
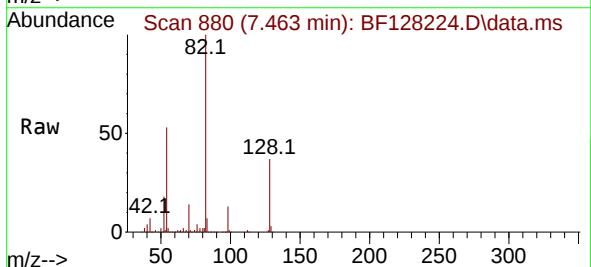
Instrument :
BNA_F
ClientSampleId :
FETWP-3

Tgt Ion: 99 Resp: 169083
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 38.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.181 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.153 min
Lab File: BF128224.D
Acq: 12 May 2022 19:31

Tgt Ion: 70 Resp: 70848
Ion Ratio Lower Upper
70 100
42 48.0 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF128224.D
Acq: 12 May 2022 19:31

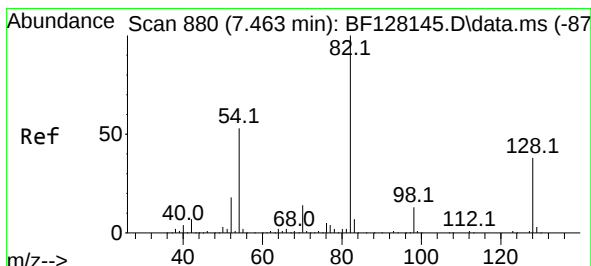
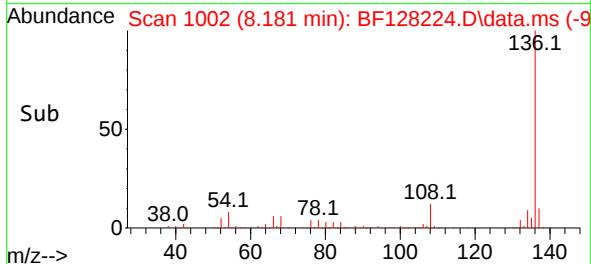
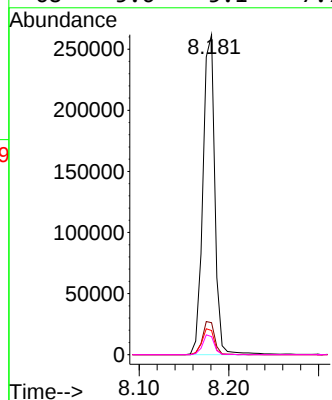
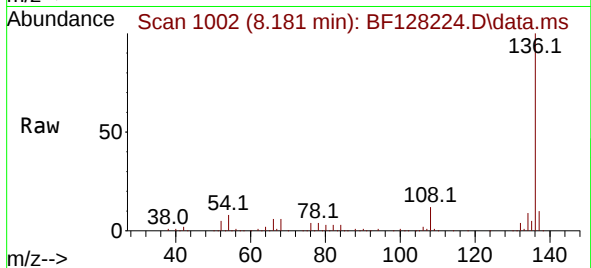
Instrument :

BNA_F

ClientSampleId :

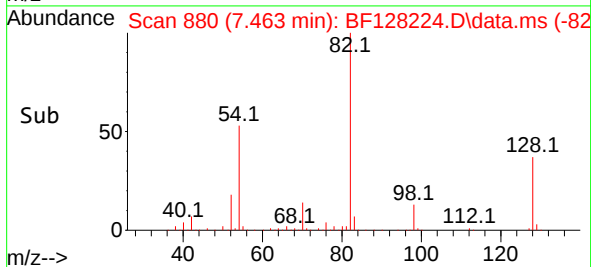
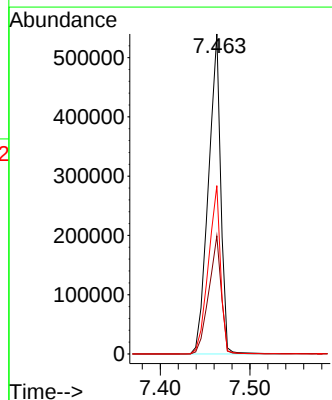
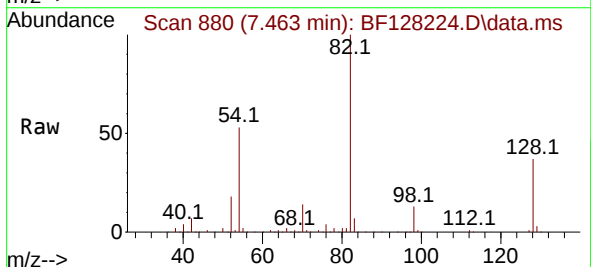
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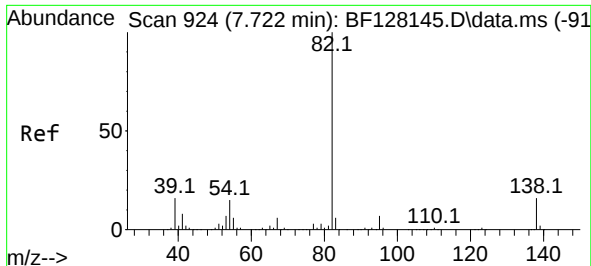
Tgt Ion:136 Resp: 241462
Ion Ratio Lower Upper
136 100
137 10.0 8.6 13.0
54 7.6 6.8 10.2
68 5.6 5.1 7.7



#23
Nitrobenzene-d5
Concen: 96.156 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF128224.D
Acq: 12 May 2022 19:31

Tgt Ion: 82 Resp: 515995
Ion Ratio Lower Upper
82 100
128 36.9 30.0 45.0
54 52.6 41.3 61.9

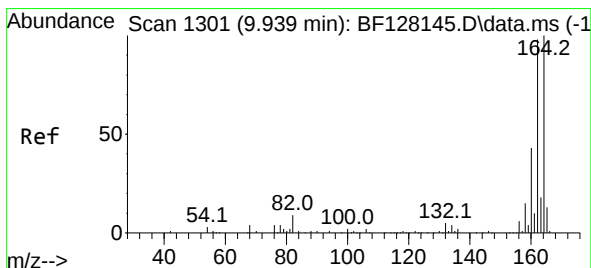
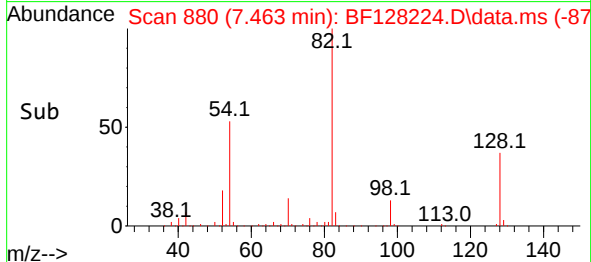
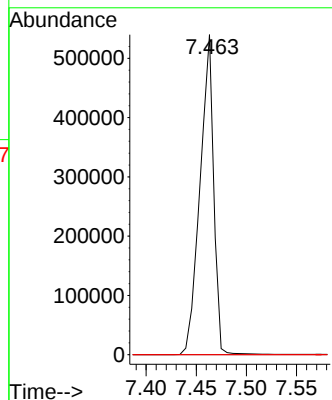
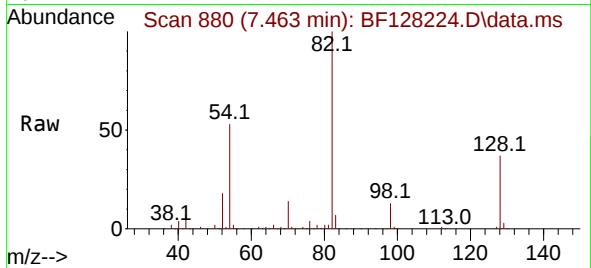




#25
Isophorone
Concen: 61.129 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128224.D
Acq: 12 May 2022 19:31

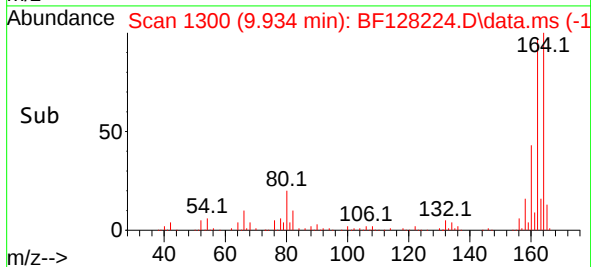
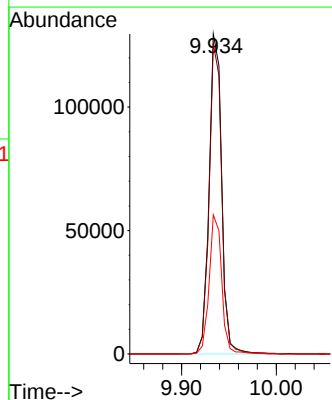
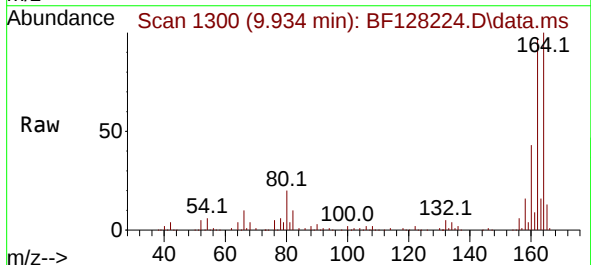
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ClientSampleId :
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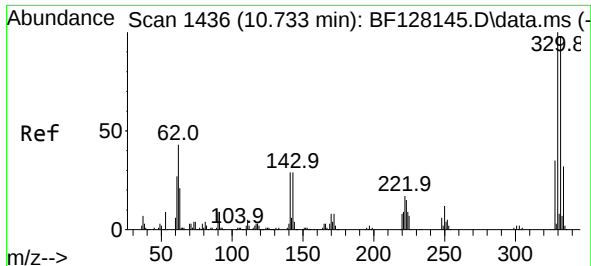
Tgt Ion: 82 Resp: 514275
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BF128224.D
Acq: 12 May 2022 19:31

Tgt Ion:164 Resp: 119382
Ion Ratio Lower Upper
164 100
162 97.0 76.0 114.0
160 43.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 87.786 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128224.D

Acq: 12 May 2022 19:31

Instrument :

BNA_F

ClientSampleId :

FETWP-3

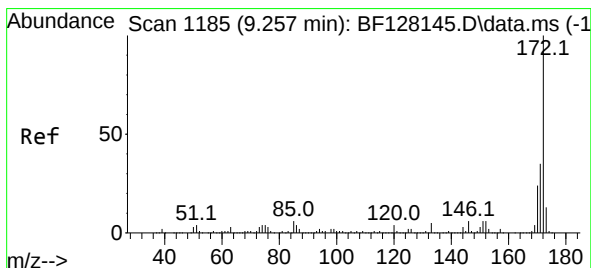
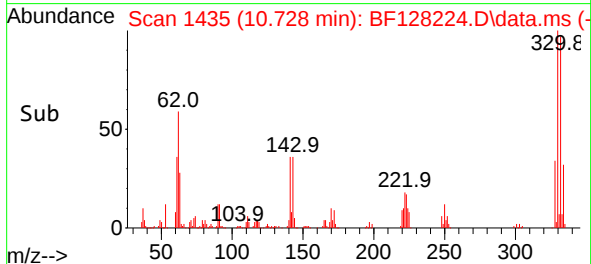
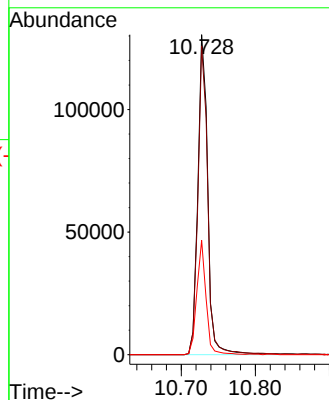
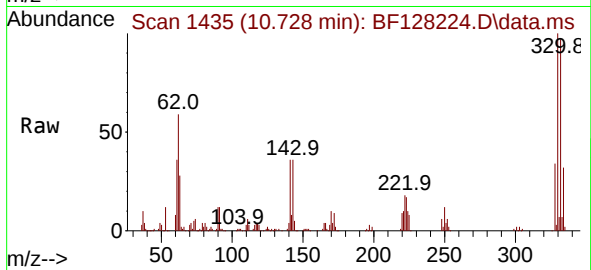
Tgt Ion:330 Resp: 120193

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

141 33.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 103.605 ng

RT: 9.257 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF128224.D

Acq: 12 May 2022 19:31

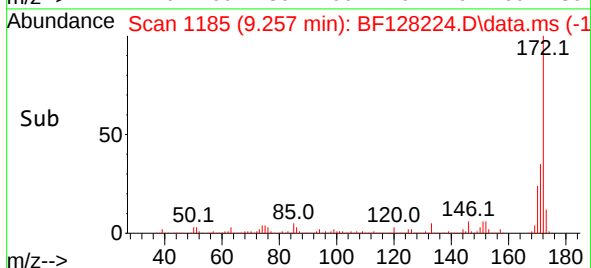
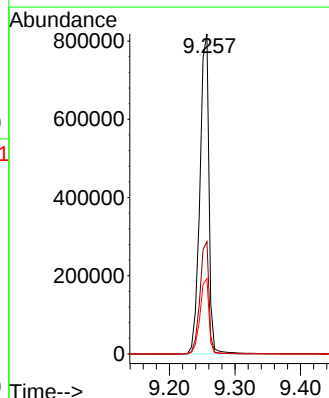
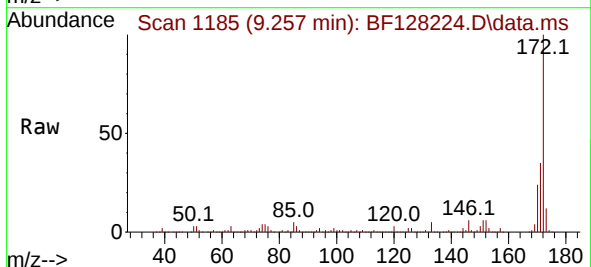
Tgt Ion:172 Resp: 790476

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.5 19.1 28.7

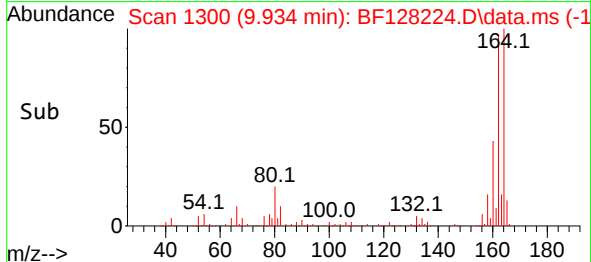
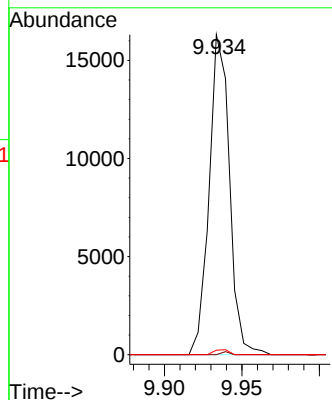
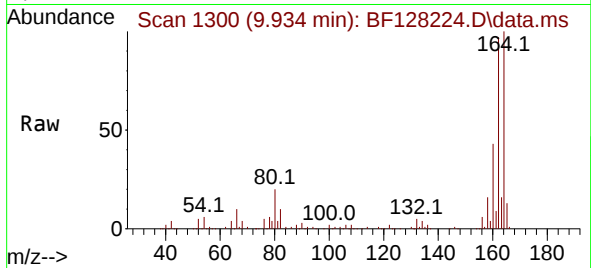




#51
2,6-Dinitrotoluene
Concen: 8.818 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128224.D
Acq: 12 May 2022 19:31

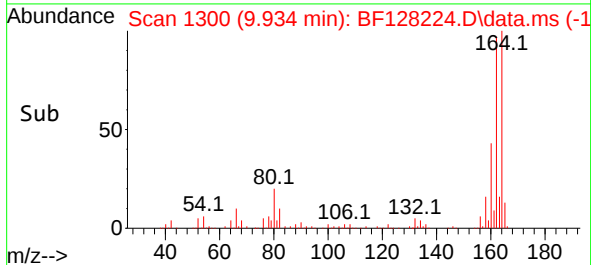
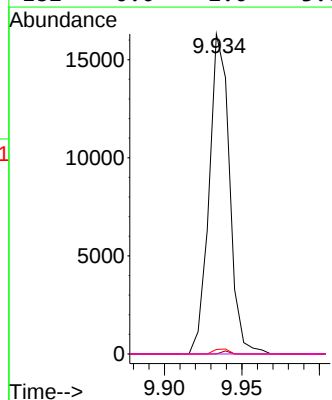
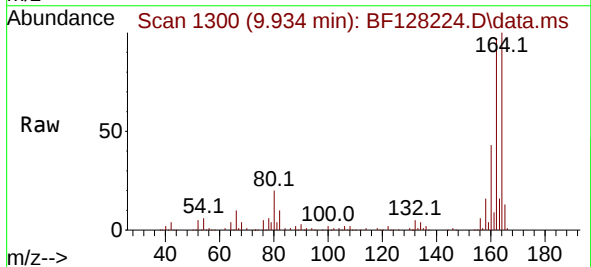
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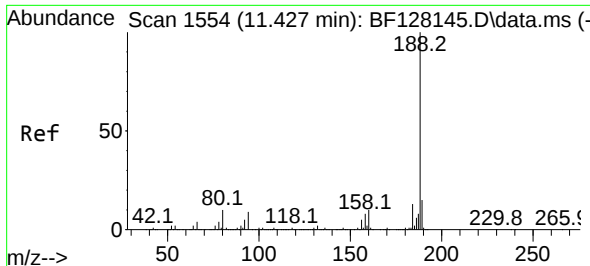
Tgt Ion:165 Resp: 14902
Ion Ratio Lower Upper
165 100
63 0.0 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.595 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128224.D
Acq: 12 May 2022 19:31

Tgt Ion:165 Resp: 14902
Ion Ratio Lower Upper
165 100
63 0.0 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

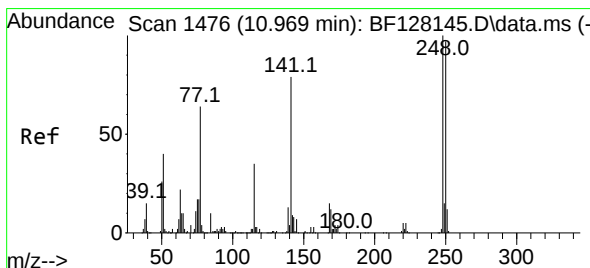
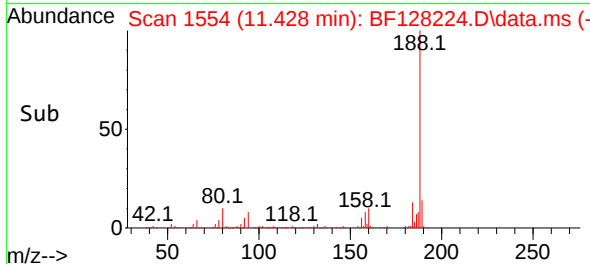
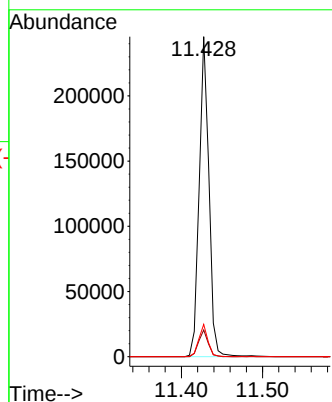
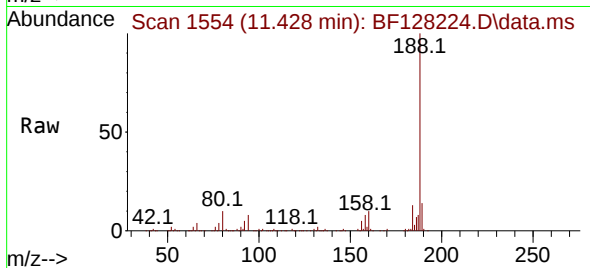




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128224.D
Acq: 12 May 2022 19:31

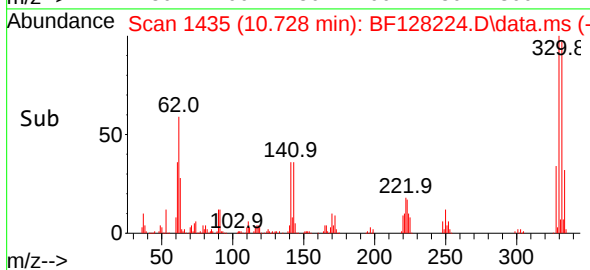
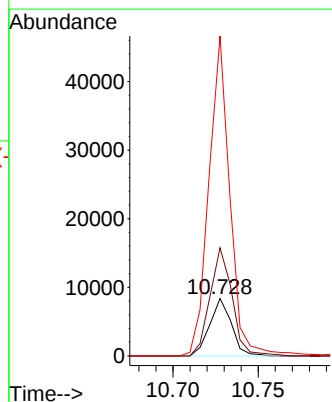
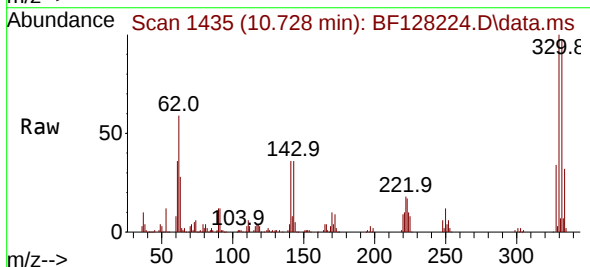
Instrument :
BNA_F
ClientSampleId :
FETWP-3

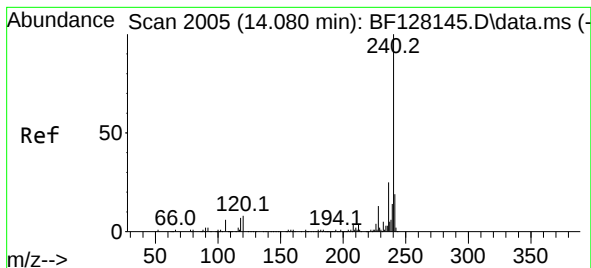
Tgt Ion:188 Resp: 205093
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 10.1 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.377 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128224.D
Acq: 12 May 2022 19:31

Tgt Ion:248 Resp: 7451
Ion Ratio Lower Upper
248 100
250 188.3 77.7 116.5#
141 556.7 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF128224.D

Acq: 12 May 2022 19:31

Instrument :

BNA_F

ClientSampleId :

FETWP-3

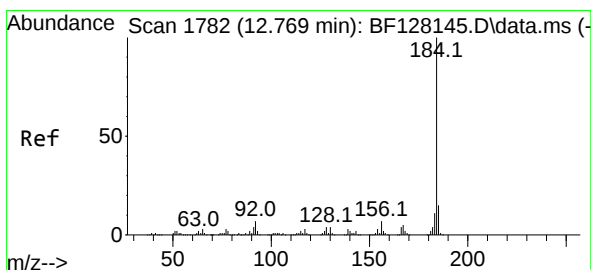
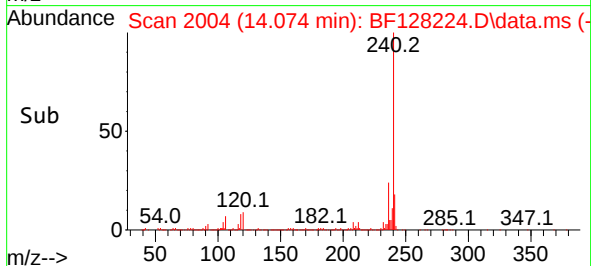
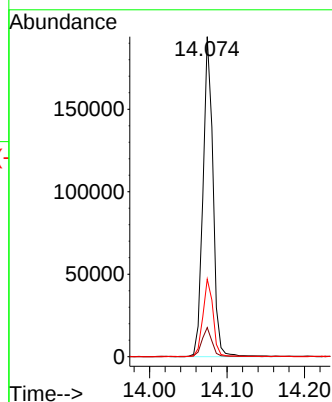
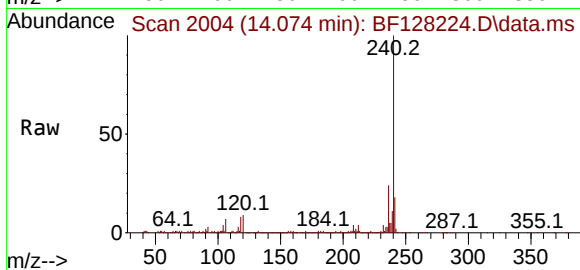
Tgt Ion:240 Resp: 174110

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

236 24.2 20.3 30.5



#77

Benzidine

Concen: 3.180 ng

RT: 13.016 min Scan# 1824

Delta R.T. 0.247 min

Lab File: BF128224.D

Acq: 12 May 2022 19:31

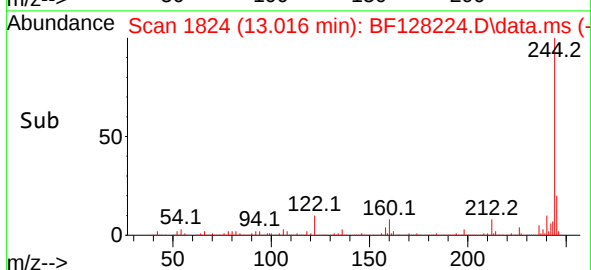
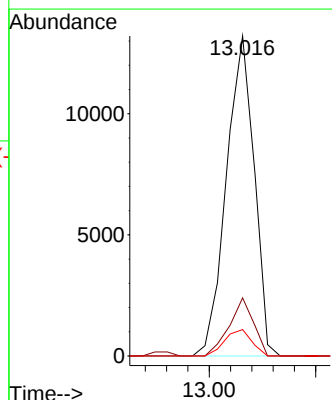
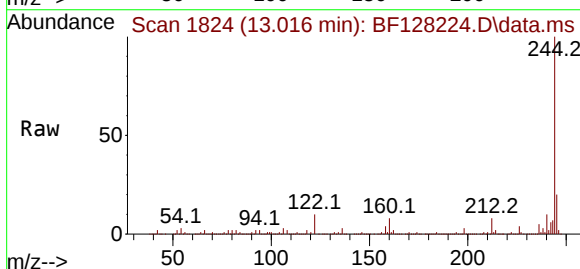
Tgt Ion:184 Resp: 11990

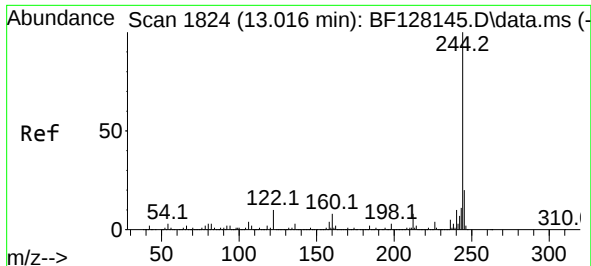
Ion Ratio Lower Upper

184 100

185 18.2 12.1 18.1#

183 8.2 9.0 13.4#

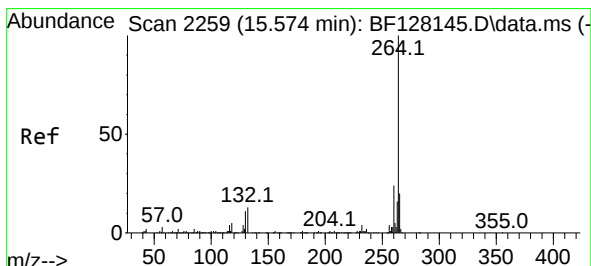
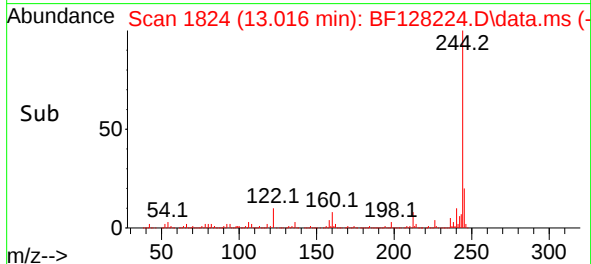
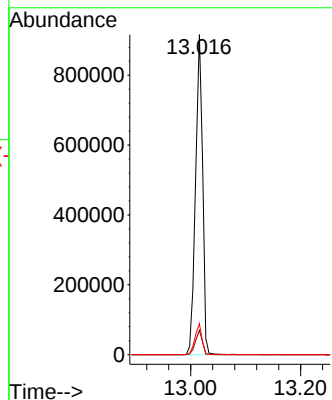
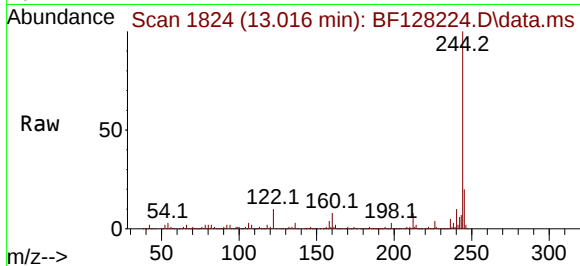




#79
 Terphenyl-d14
 Concen: 87.354 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF128224.D
 Acq: 12 May 2022 19:31

Instrument :
 BNA_F
 ClientSampleId :
 FETWP-3

Tgt Ion:244 Resp: 810546
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2259
 Delta R.T. 0.000 min
 Lab File: BF128224.D
 Acq: 12 May 2022 19:31

Tgt Ion:264 Resp: 126224
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 21.7 17.5 26.3

