

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131722.D
 Acq On : 20 Dec 2022 20:07
 Operator : CG\JU
 Sample : N6097-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP1-COMP-01

Quant Time: Dec 21 04:47:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

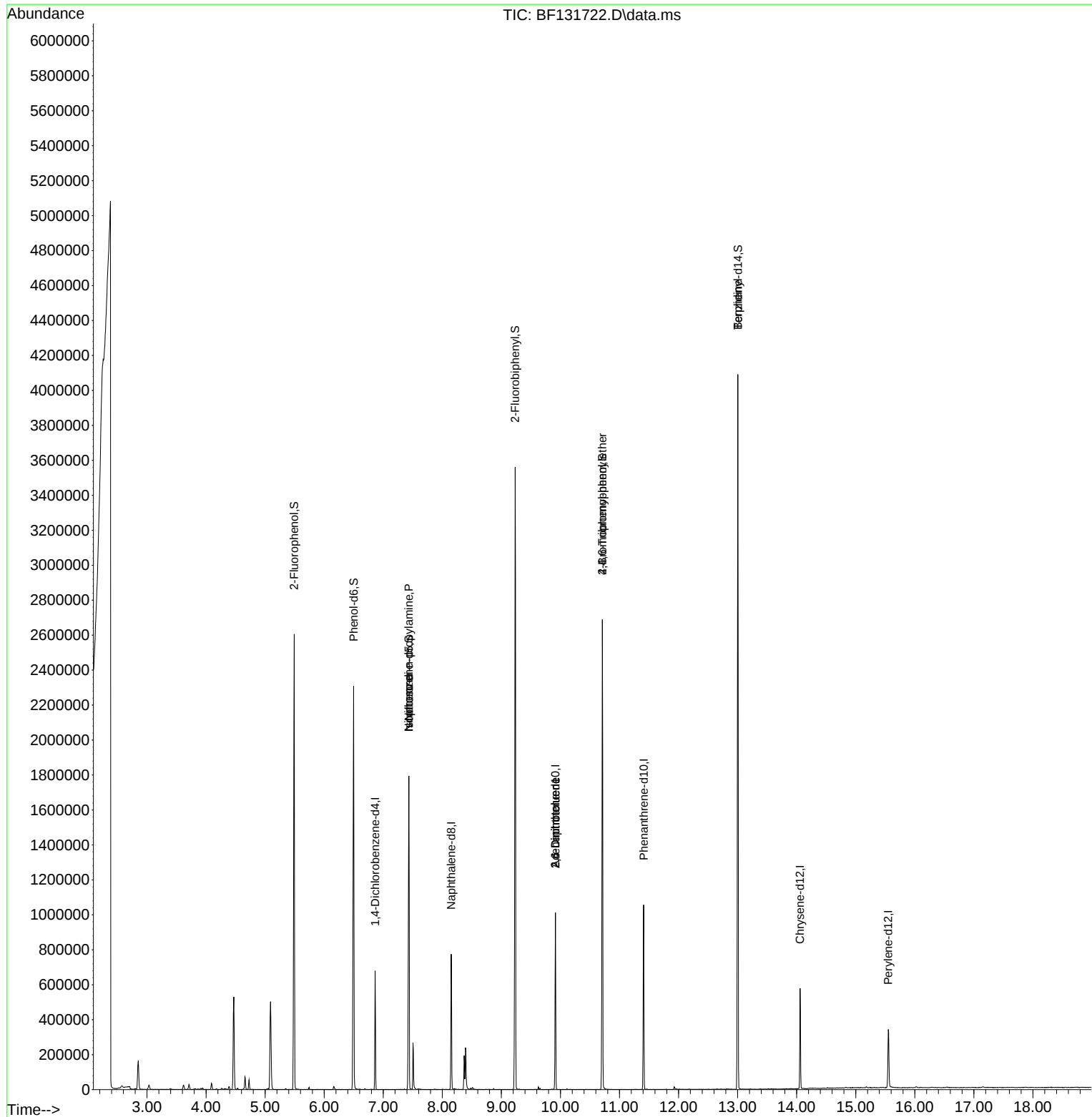
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82774	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	311195	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	186314	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	371058	20.000	ng	0.00
76) Chrysene-d12	14.057	240	181742	20.000	ng	0.00
86) Perylene-d12	15.551	264	154796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	657863	133.830	ng	0.02
7) Phenol-d6	6.498	99	784750	118.608	ng	0.00
23) Nitrobenzene-d5	7.434	82	665459	86.811	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	302852	148.509	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1148587	86.358	ng	0.00
79) Terphenyl-d14	13.004	244	1381083	118.435	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1410	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.434	70	92262	19.335	ng	# 80
25) Isophorone	7.434	82	664240	51.024	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	23146	7.678	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	23146	5.714	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	20921	4.774	ng	# 1
77) Benzidine	13.004	184	20238	6.073	ng	# 89

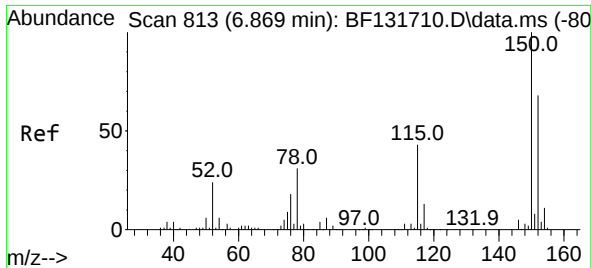
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
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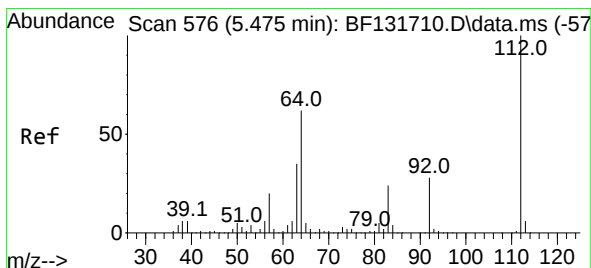
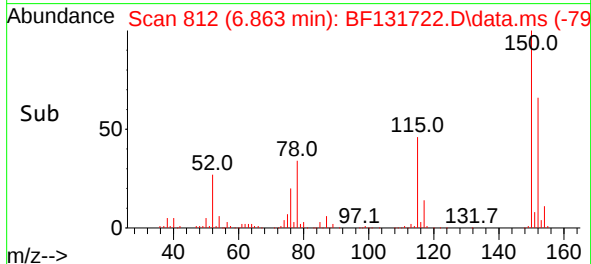
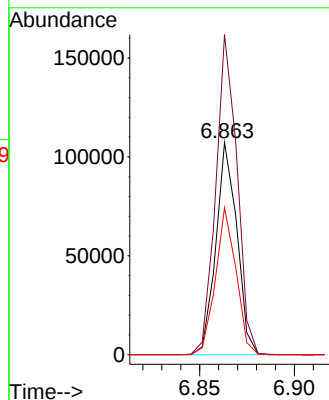
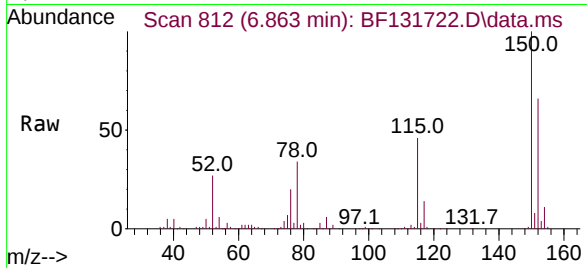




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

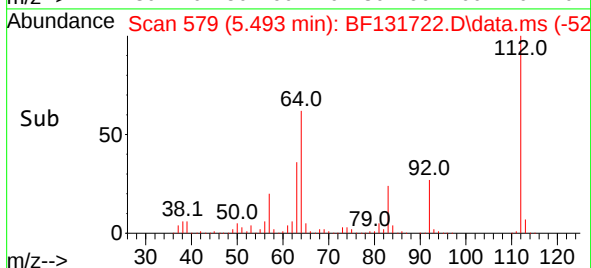
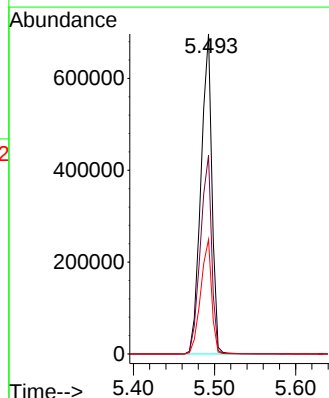
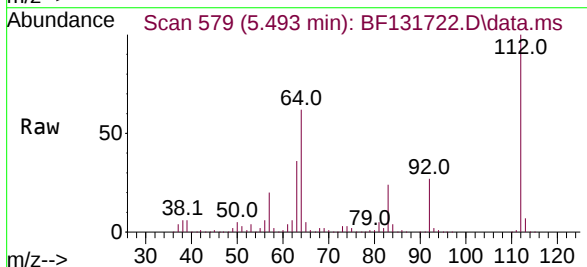
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BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01

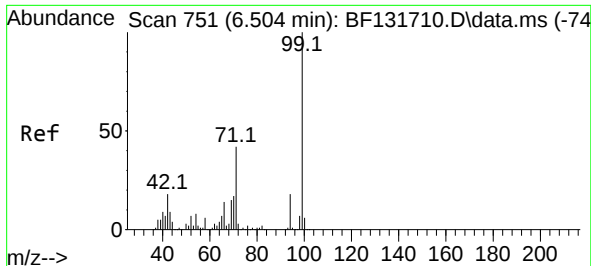
Tgt Ion:152 Resp: 82774
Ion Ratio Lower Upper
152 100
150 150.8 117.4 176.0
115 69.3 50.2 75.4



#5
2-Fluorophenol
Concen: 133.830 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

Tgt Ion:112 Resp: 657863
Ion Ratio Lower Upper
112 100
64 62.0 49.5 74.3
63 35.8 28.2 42.2

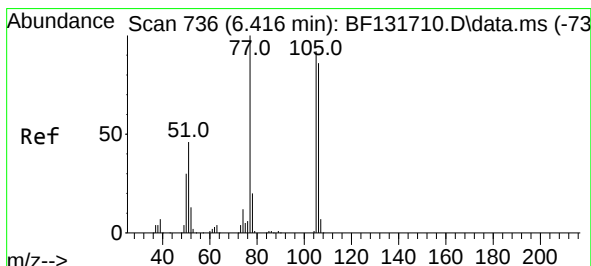
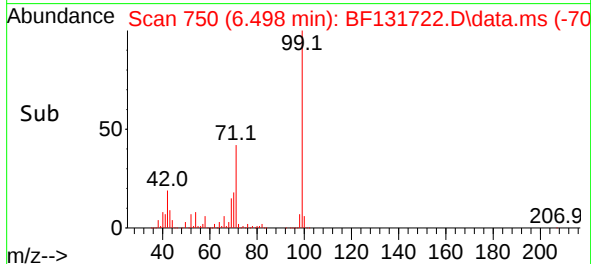
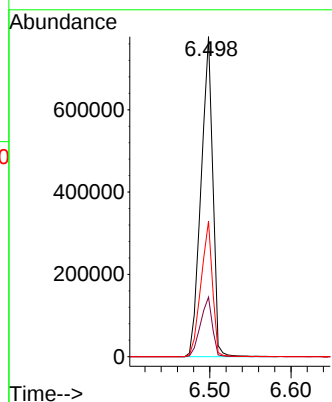
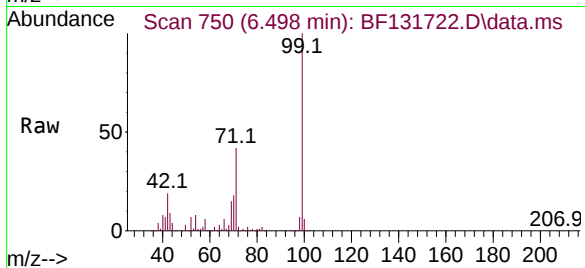




#7
Phenol-d6
Concen: 118.608 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

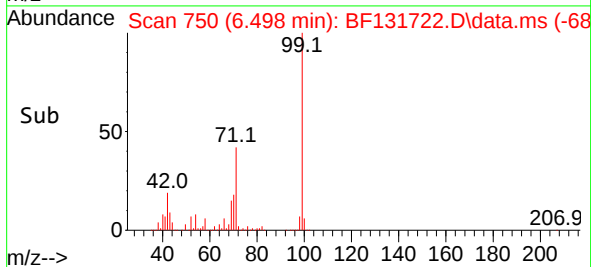
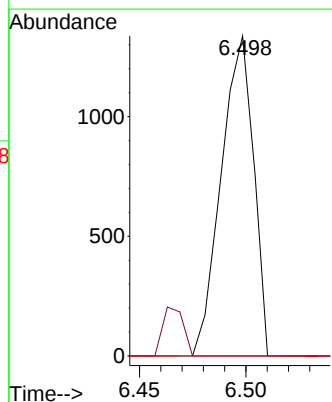
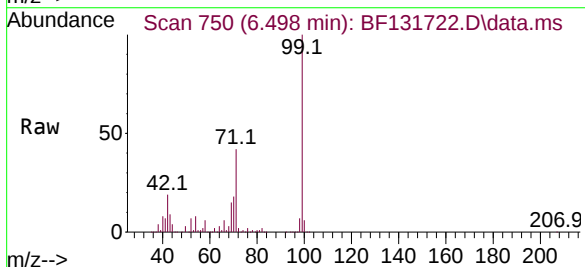
Instrument :
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ClientSampleId :
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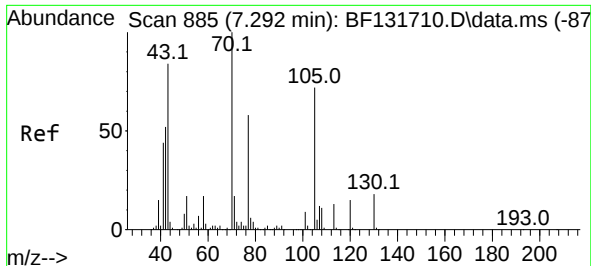
Tgt Ion: 99 Resp: 784750
Ion Ratio Lower Upper
99 100
42 18.6 14.8 22.2
71 42.4 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.082 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

Tgt Ion: 77 Resp: 1410
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

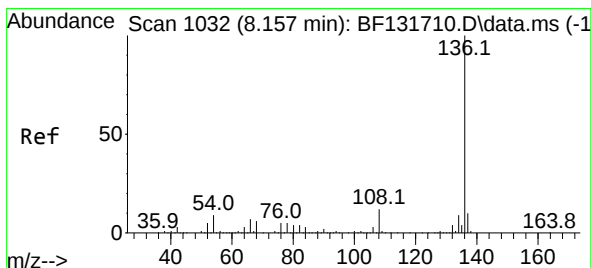
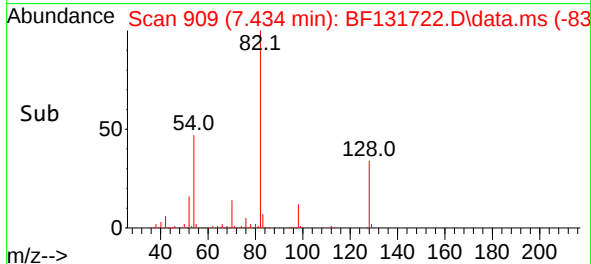
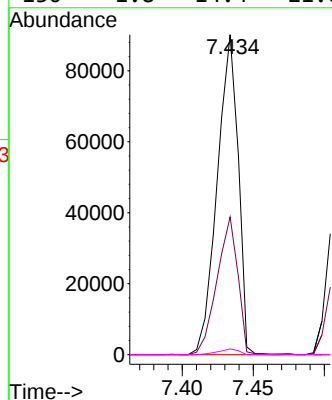
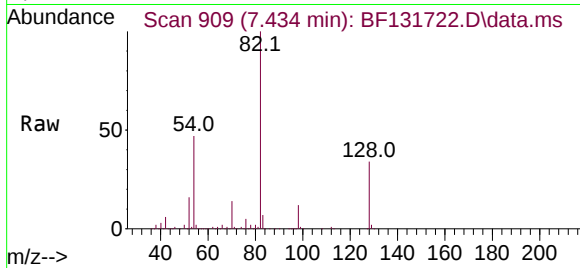




#19
n-Nitroso-di-n-propylamine
Concen: 19.335 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

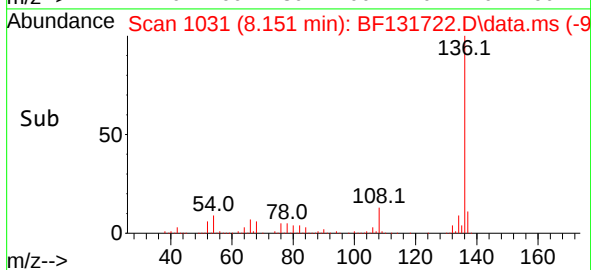
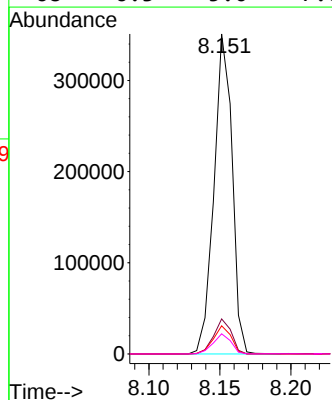
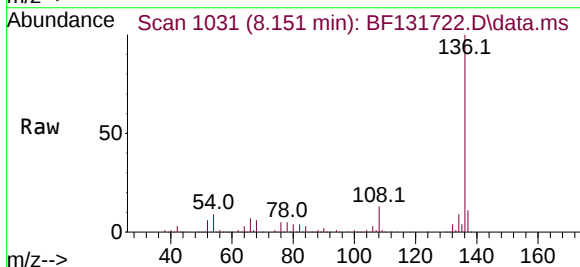
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01

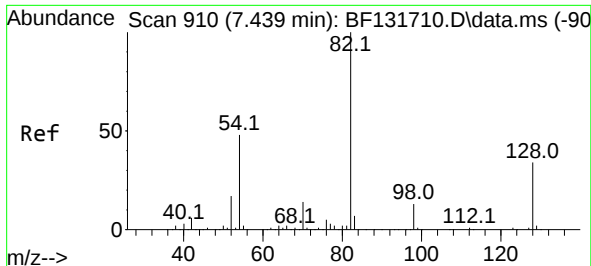
Tgt Ion: 70 Resp: 92262
Ion Ratio Lower Upper
70 100
42 43.1 41.5 62.3
101 0.0 7.3 10.9#
130 1.8 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

Tgt Ion:136 Resp: 311195
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.8 7.2 10.8
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 86.811 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131722.D

Acq: 20 Dec 2022 20:07

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP1-COMP-01

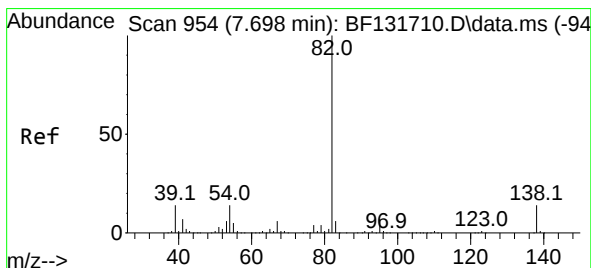
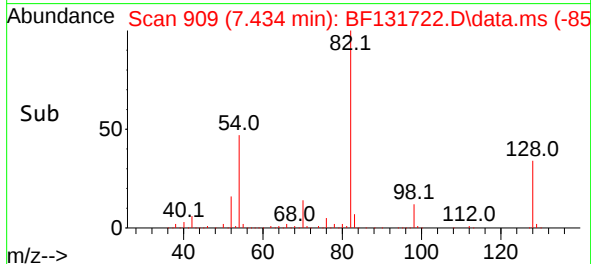
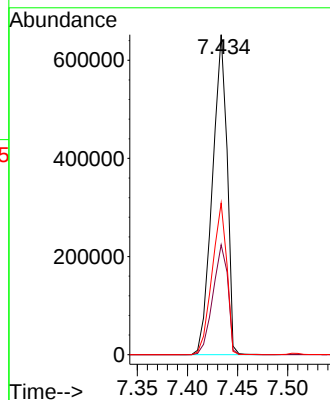
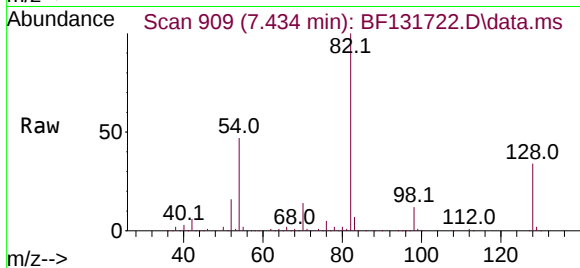
Tgt Ion: 82 Resp: 665459

Ion Ratio Lower Upper

82 100

128 34.3 27.3 40.9

54 47.4 38.2 57.2



#25

Isophorone

Concen: 51.024 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF131722.D

Acq: 20 Dec 2022 20:07

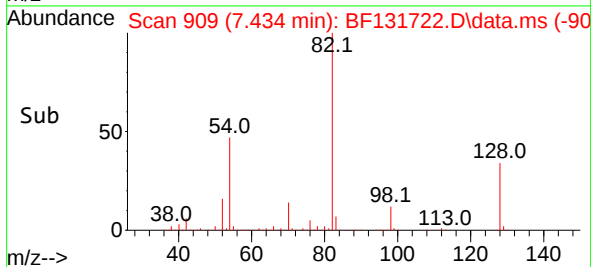
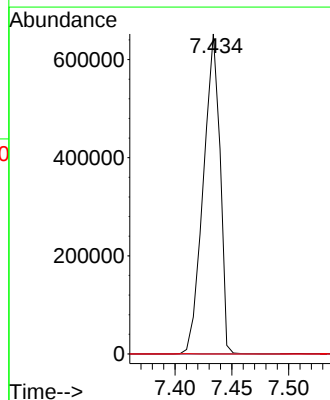
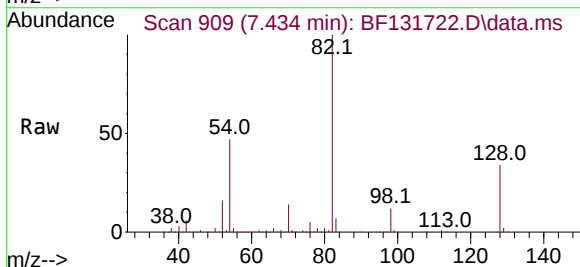
Tgt Ion: 82 Resp: 664240

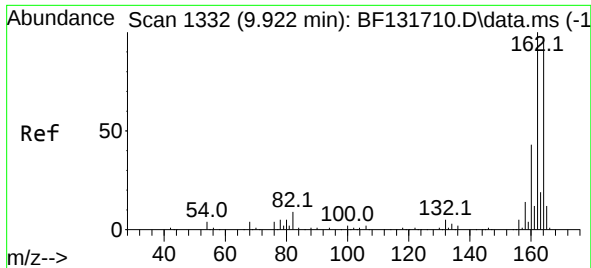
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

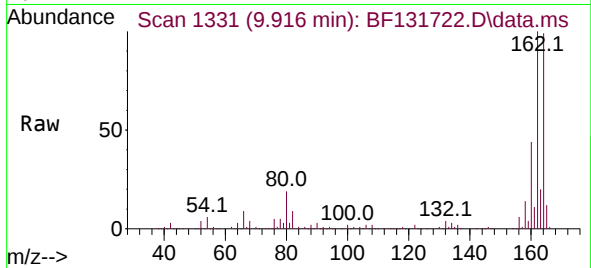
138 0.0 11.6 17.4#



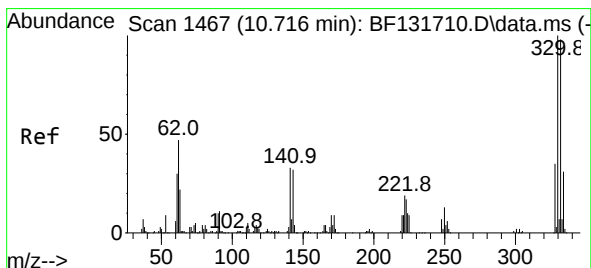
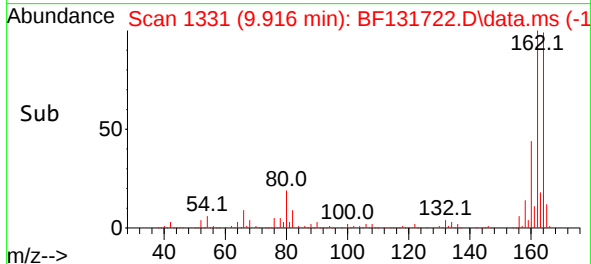
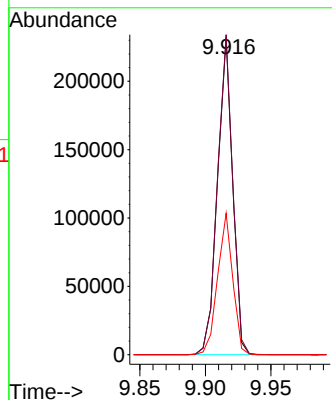


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01

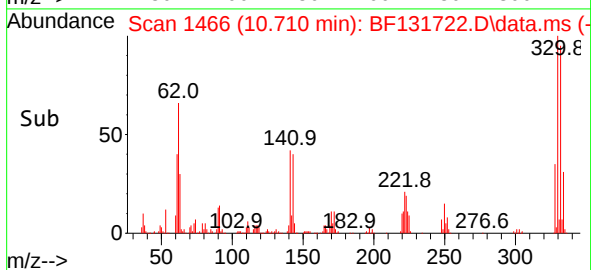
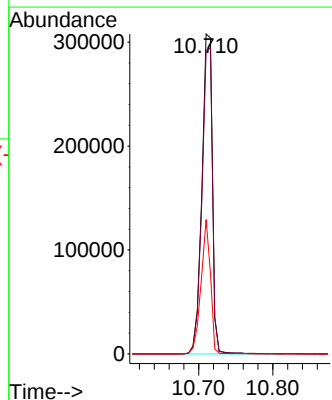
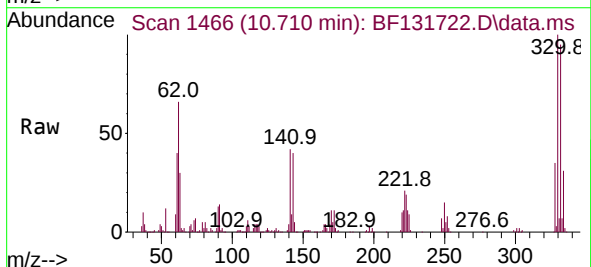


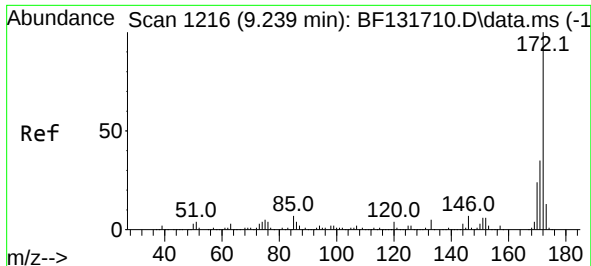
Tgt Ion:164 Resp: 186314
Ion Ratio Lower Upper
164 100
162 100.9 83.7 125.5
160 44.6 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 148.509 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

Tgt Ion:330 Resp: 302852
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 37.8 30.4 45.6

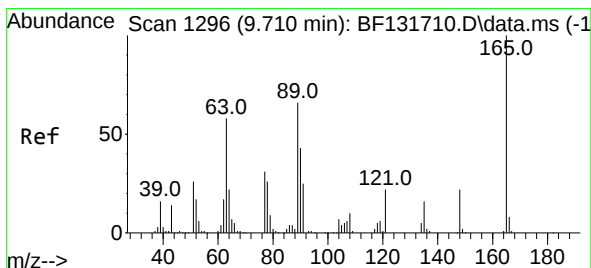
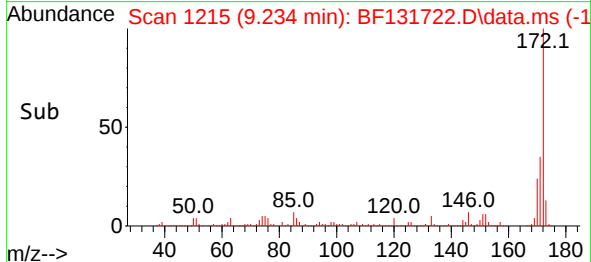
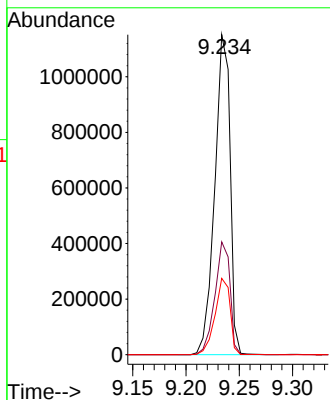
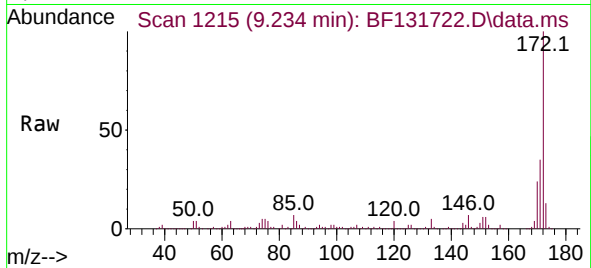




#45
2-Fluorobiphenyl
Concen: 86.358 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

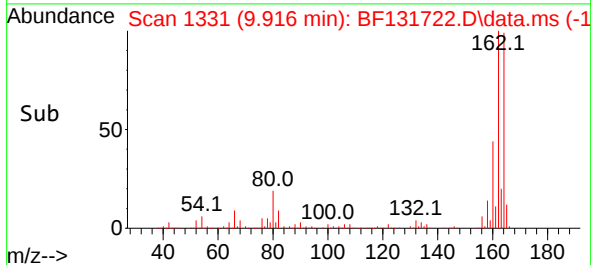
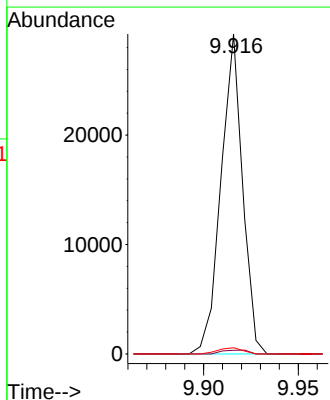
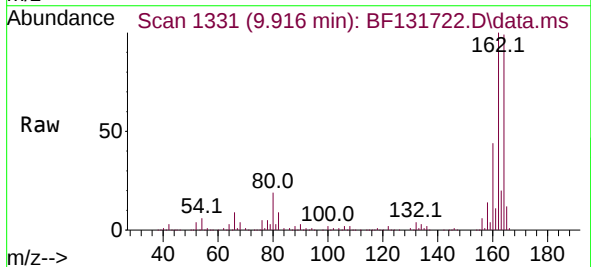
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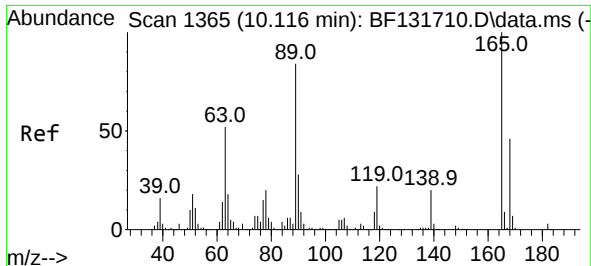
Tgt Ion:172 Resp: 1148587
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.9 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.678 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

Tgt Ion:165 Resp: 23146
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.8#
89 1.9 53.2 79.8#

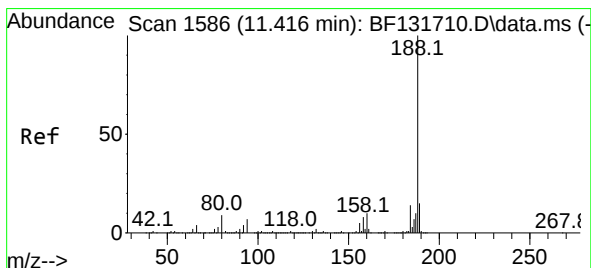
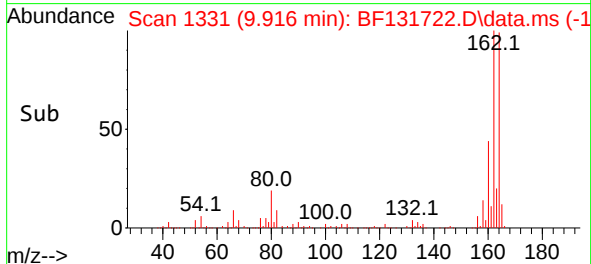
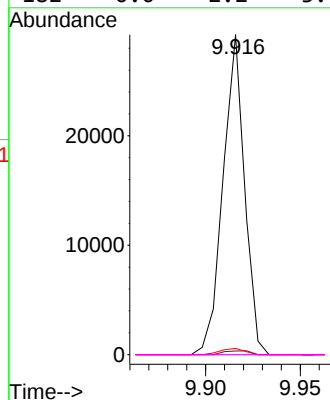
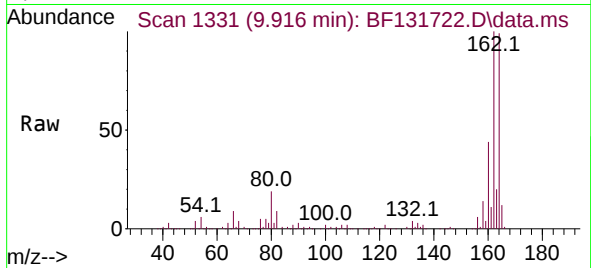




#57
2,4-Dinitrotoluene
Concen: 5.714 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

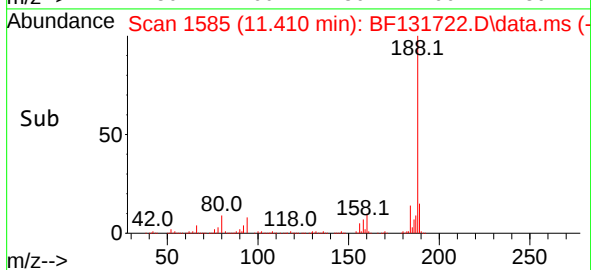
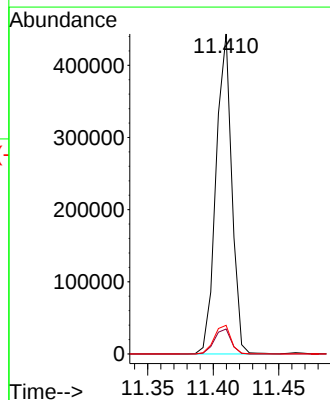
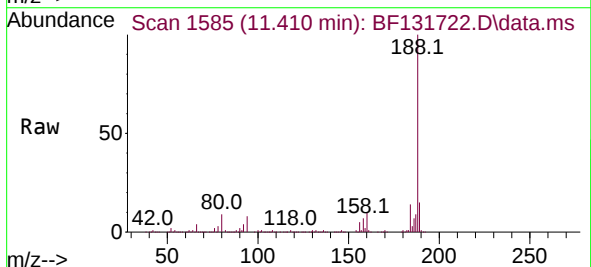
Instrument :
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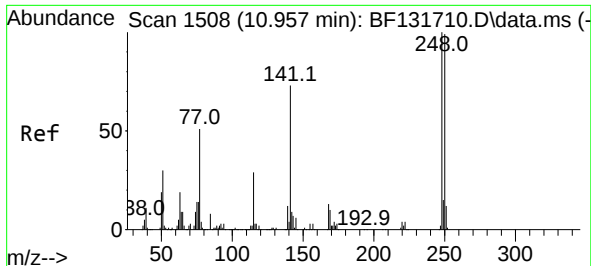
Tgt Ion:165 Resp: 23146
Ion Ratio Lower Upper
165 100
63 1.2 41.5 62.3#
89 1.9 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

Tgt Ion:188 Resp: 371058
Ion Ratio Lower Upper
188 100
94 7.8 5.9 8.9
80 9.0 7.0 10.6

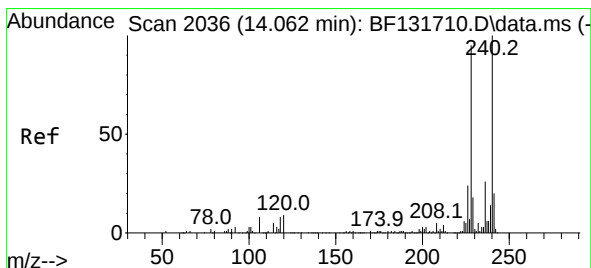
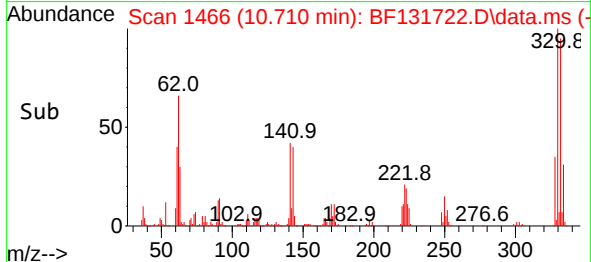
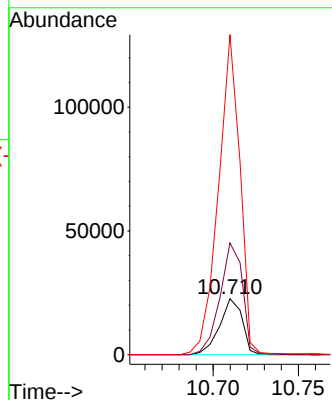
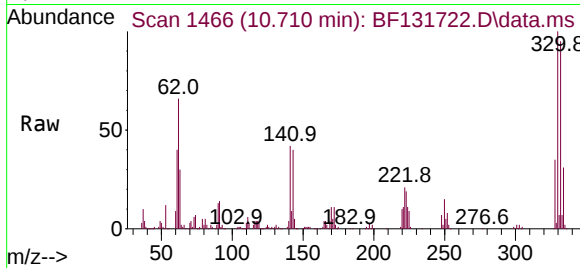




#67
4-Bromophenyl-phenylether
Concen: 4.774 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

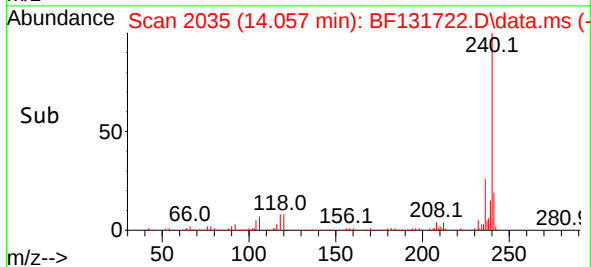
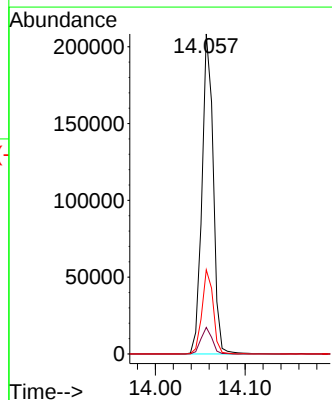
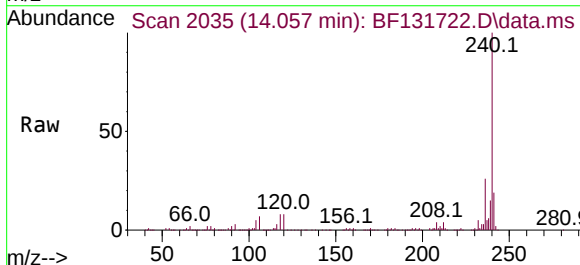
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01

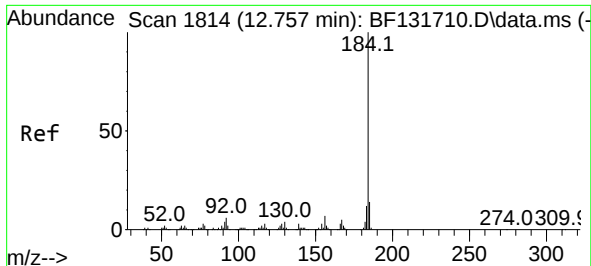
Tgt Ion:248 Resp: 20921
Ion Ratio Lower Upper
248 100
250 199.9 79.4 119.0#
141 572.0 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

Tgt Ion:240 Resp: 181742
Ion Ratio Lower Upper
240 100
120 8.3 7.6 11.4
236 26.3 21.2 31.8

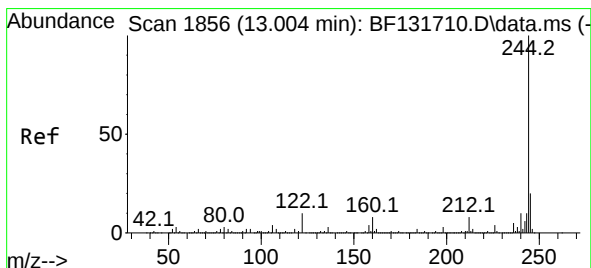
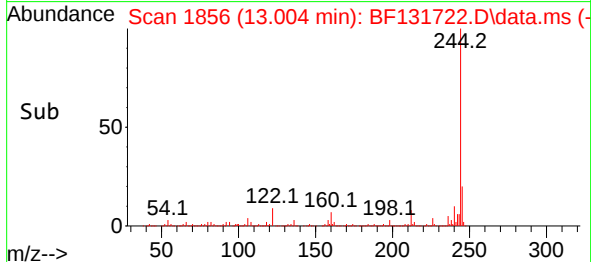
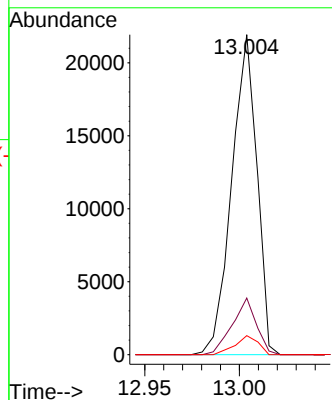
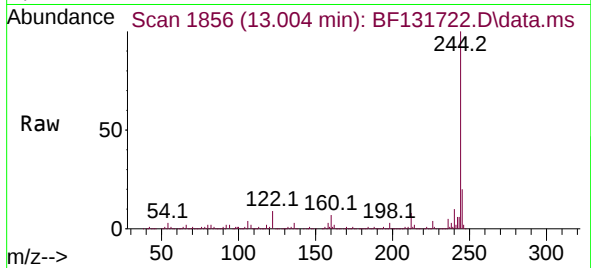




#77
Benzidine
Concen: 6.073 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.247 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

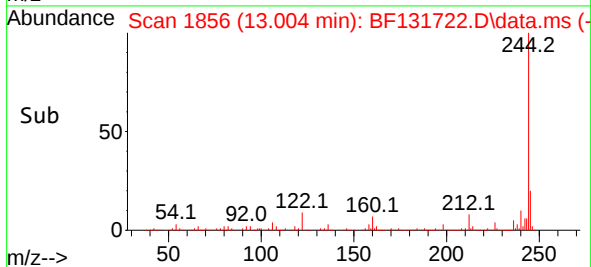
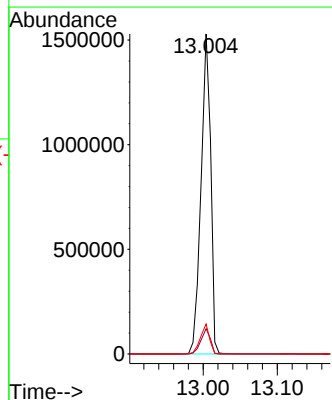
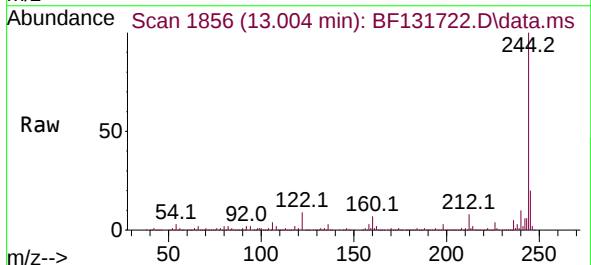
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01

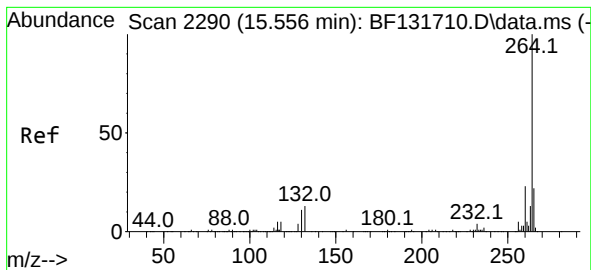
Tgt Ion:184 Resp: 20238
Ion Ratio Lower Upper
184 100
185 17.7 11.3 16.9#
183 6.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 118.435 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF131722.D
Acq: 20 Dec 2022 20:07

Tgt Ion:244 Resp: 1381083
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.3 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131722.D

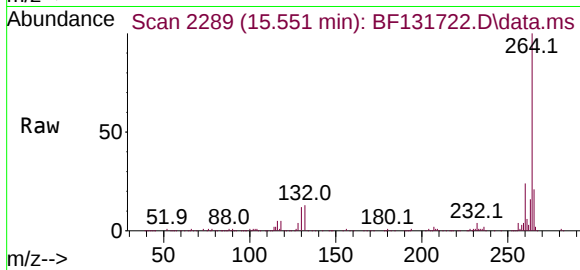
Acq: 20 Dec 2022 20:07

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP1-COMP-01



Tgt Ion:264 Resp: 154796

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 20.6 17.4 26.2

