

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131734.D
 Acq On : 21 Dec 2022 02:24
 Operator : CG\JU
 Sample : N6098-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP3-COMP-04

Quant Time: Dec 21 04:52:08 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)

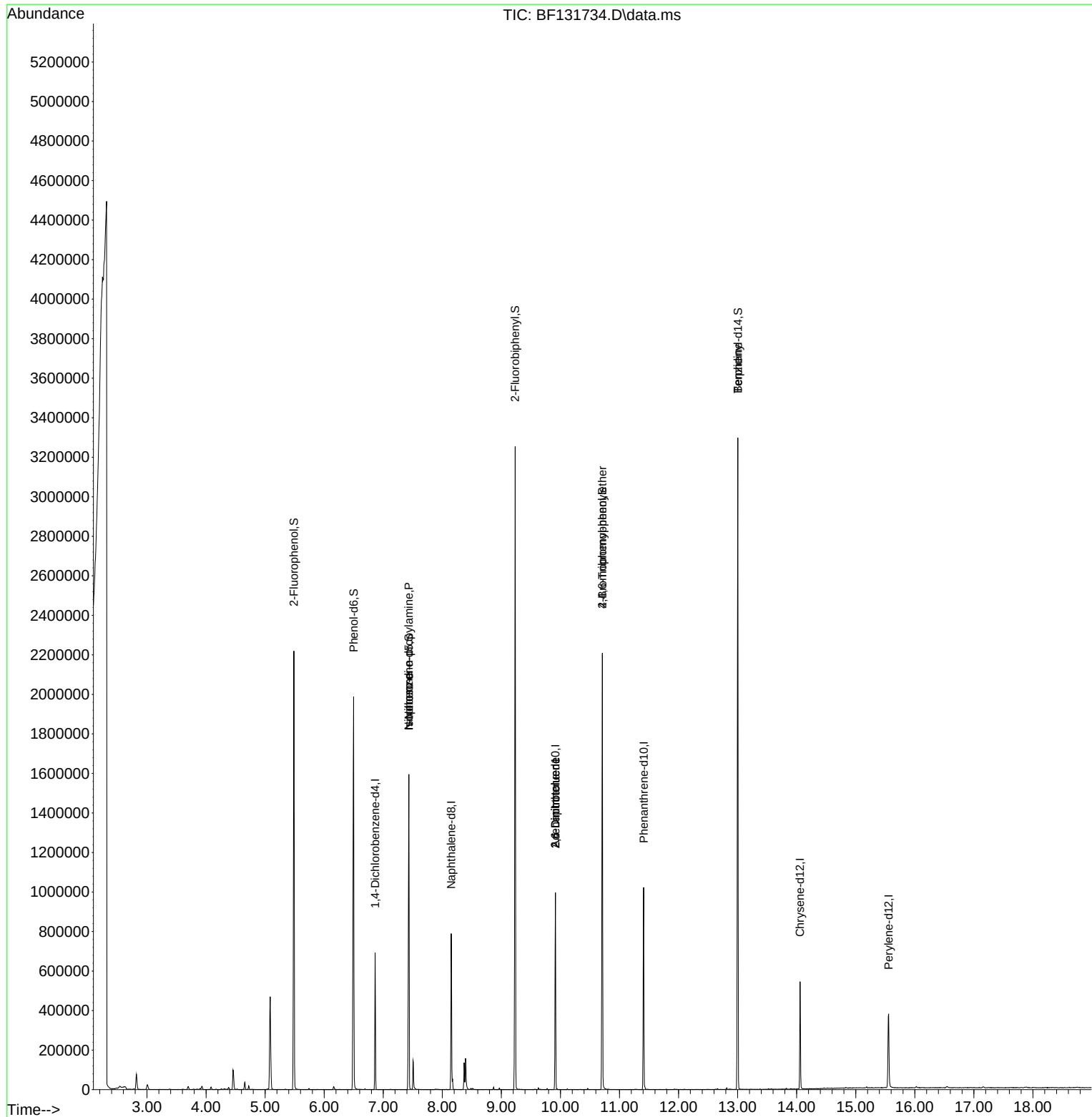
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	84543	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	306684	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	181676	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	356355	20.000	ng	0.00
76) Chrysene-d12	14.056	240	168820	20.000	ng	0.00
86) Perylene-d12	15.556	264	184077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	543675	108.287	ng	0.01
7) Phenol-d6	6.498	99	655882	97.057	ng	0.00
23) Nitrobenzene-d5	7.433	82	526774	69.730	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	230126	115.728	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	910219	70.183	ng	0.00
79) Terphenyl-d14	13.004	244	1042905	96.280	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1097	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.433	70	73444	15.069	ng	# 78
25) Isophorone	7.433	82	526767	41.059	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	24029	8.175	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	24029	6.084	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	15507	3.684	ng	# 1
77) Benizidine	13.004	184	16187	5.229	ng	# 94

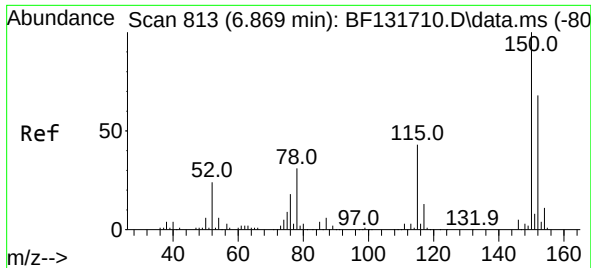
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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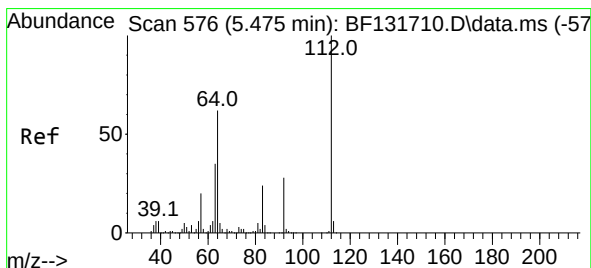
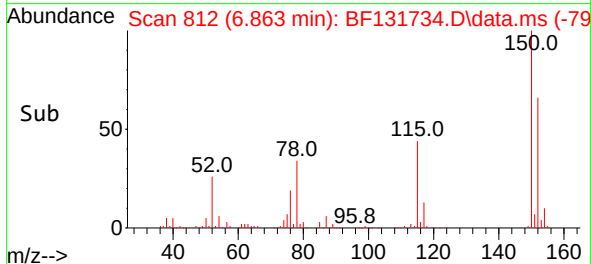
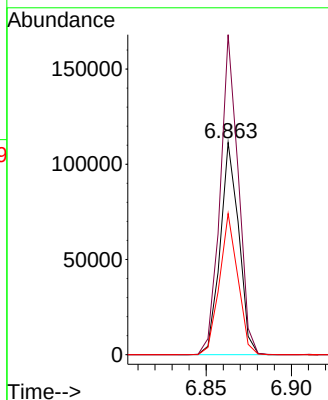
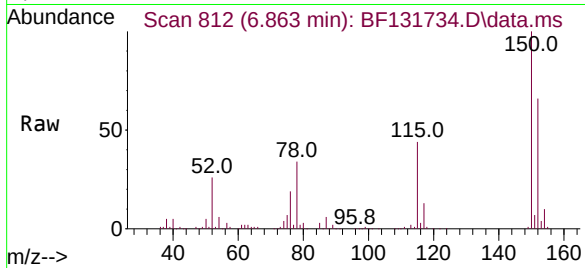




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

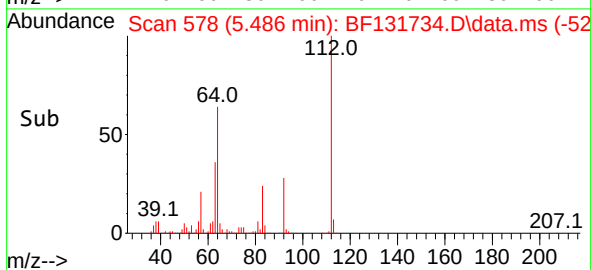
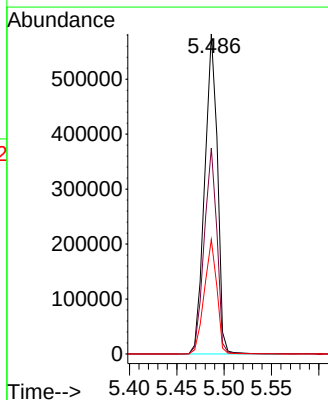
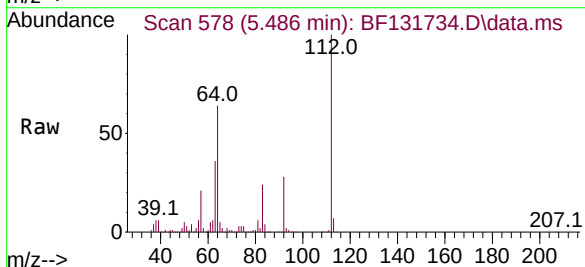
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP3-COMP-04

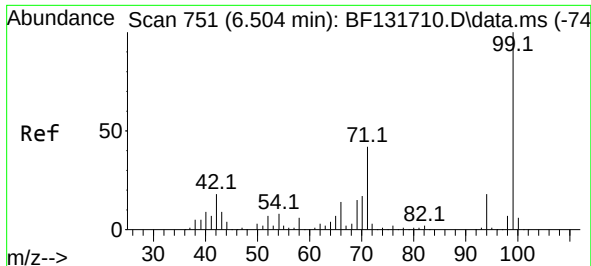
Tgt Ion:152 Resp: 84543
Ion Ratio Lower Upper
152 100
150 150.8 117.4 176.0
115 66.5 50.2 75.4



#5
2-Fluorophenol
Concen: 108.287 ng
RT: 5.486 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

Tgt Ion:112 Resp: 543675
Ion Ratio Lower Upper
112 100
64 64.4 49.5 74.3
63 35.8 28.2 42.2

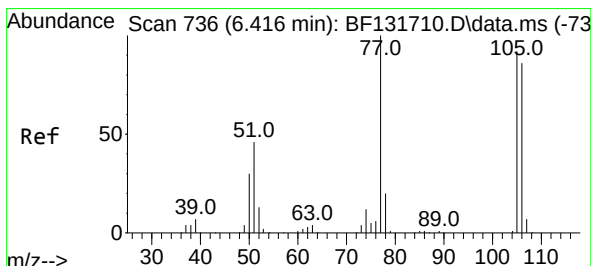
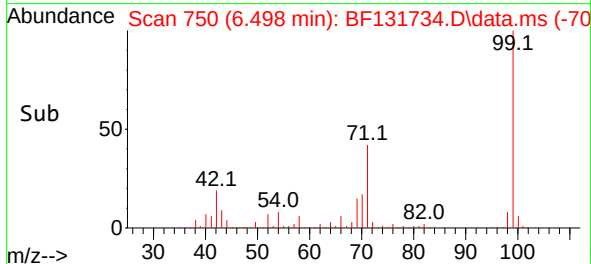
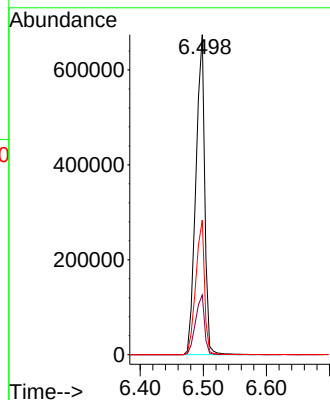
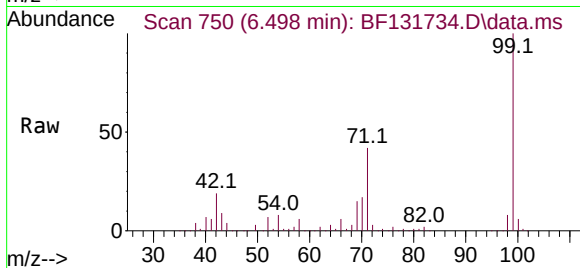




#7
Phenol-d6
Concen: 97.057 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

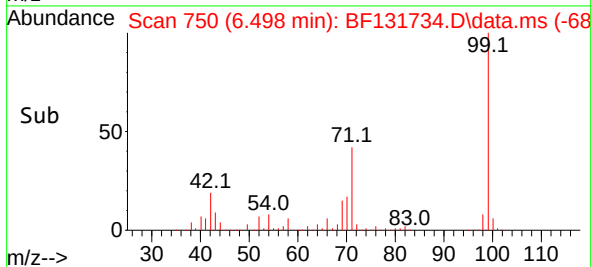
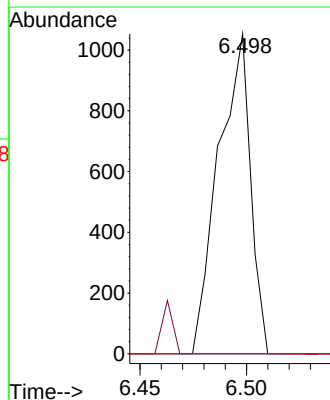
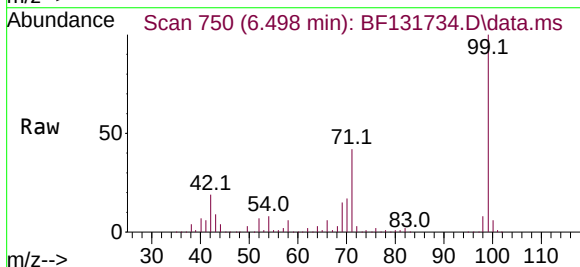
Instrument :
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ClientSampleId :
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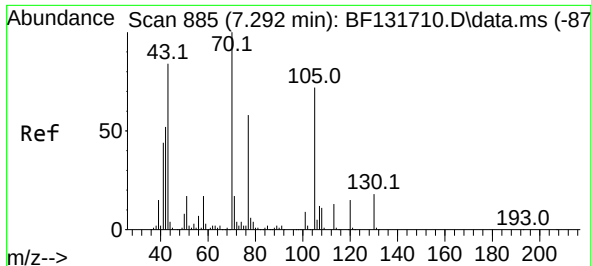
Tgt Ion: 99 Resp: 655882
Ion Ratio Lower Upper
99 100
42 18.7 14.8 22.2
71 42.1 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.082 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

Tgt Ion: 77 Resp: 1097
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

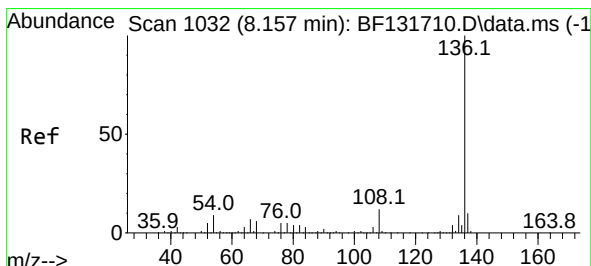
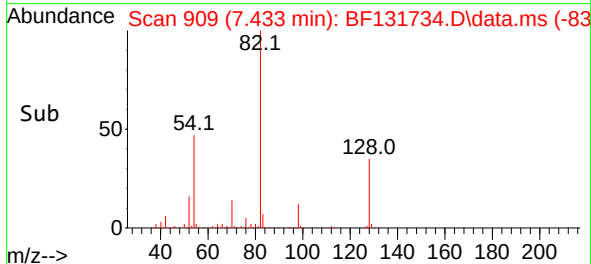
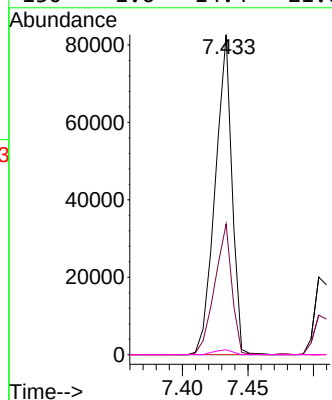
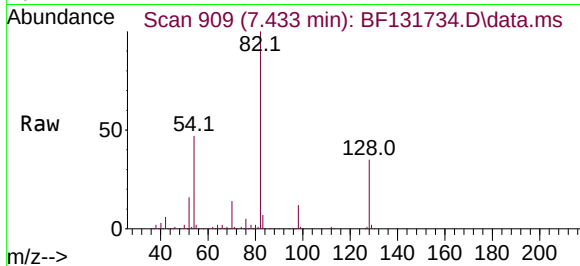




#19
n-Nitroso-di-n-propylamine
Concen: 15.069 ng
RT: 7.433 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

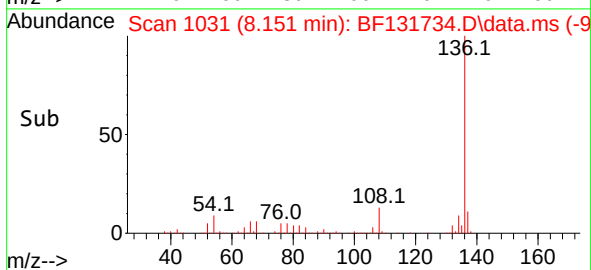
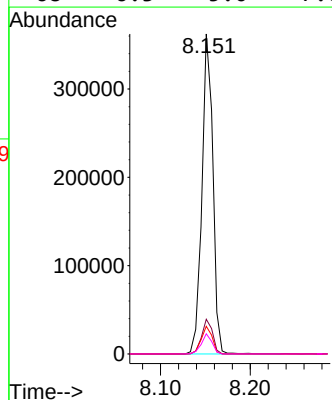
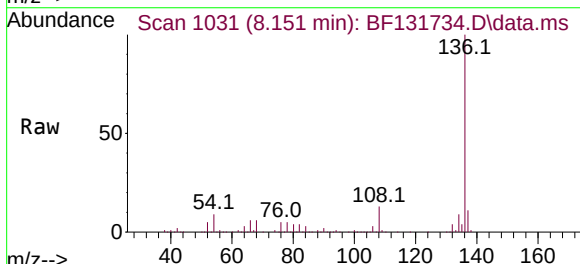
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP3-COMP-04

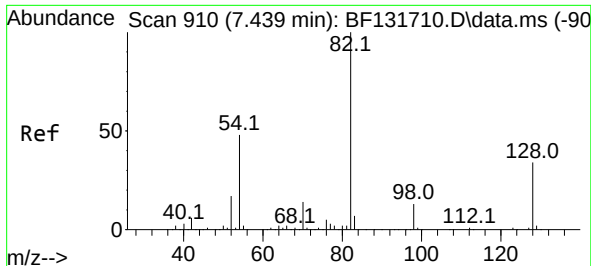
Tgt Ion: 70 Resp: 73444
Ion Ratio Lower Upper
70 100
42 40.9 41.5 62.3#
101 0.0 7.3 10.9#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

Tgt Ion:136 Resp: 306684
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.6 7.2 10.8
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 69.730 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131734.D

Acq: 21 Dec 2022 02:24

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP3-COMP-04

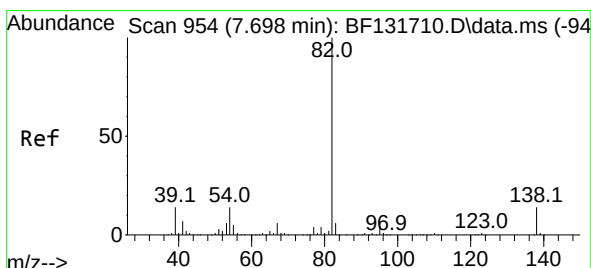
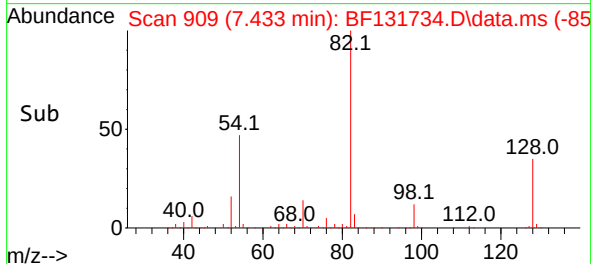
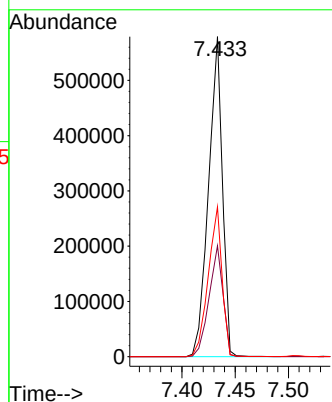
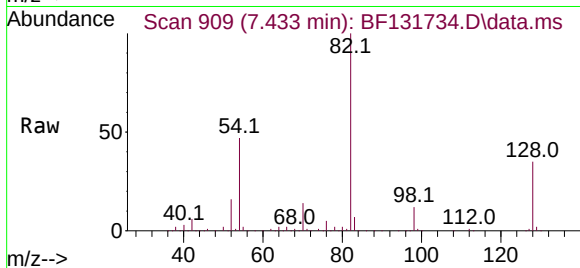
Tgt Ion: 82 Resp: 526774

Ion Ratio Lower Upper

82 100

128 34.7 27.3 40.9

54 46.8 38.2 57.2



#25

Isophorone

Concen: 41.059 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF131734.D

Acq: 21 Dec 2022 02:24

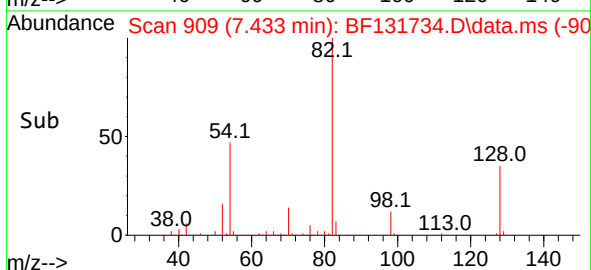
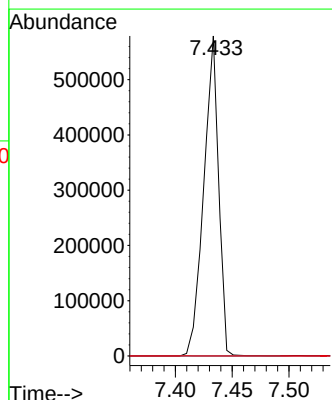
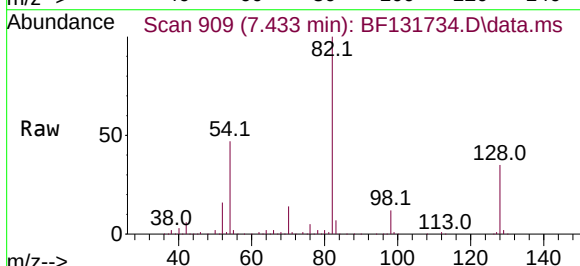
Tgt Ion: 82 Resp: 526767

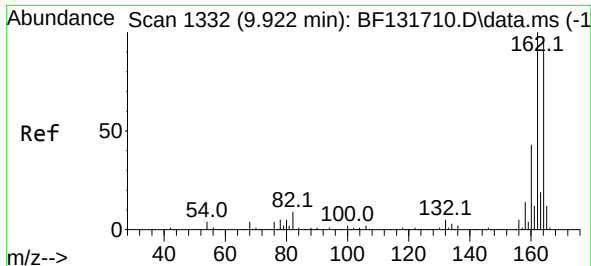
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

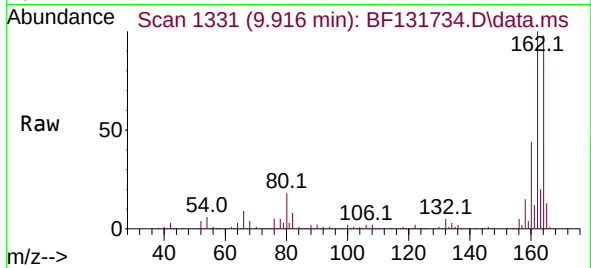
138 0.0 11.6 17.4#



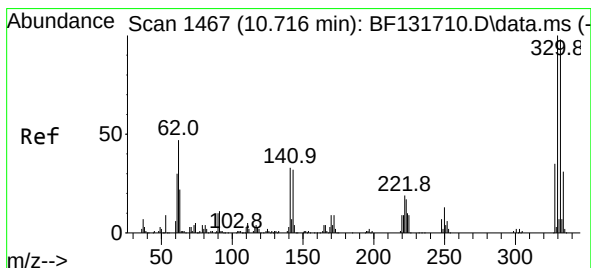
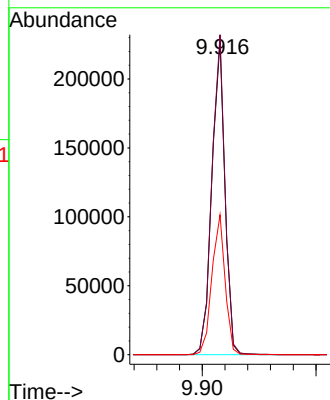
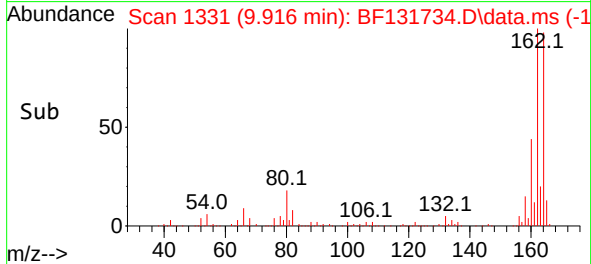


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

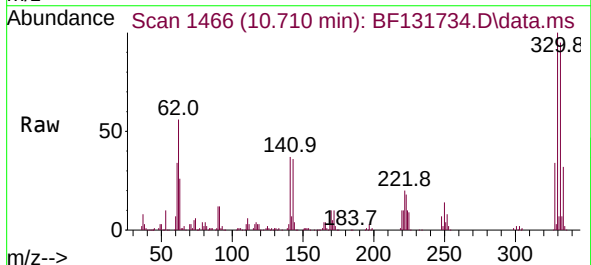
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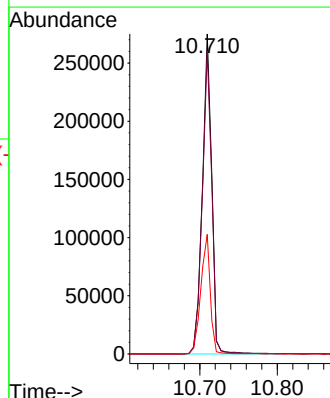
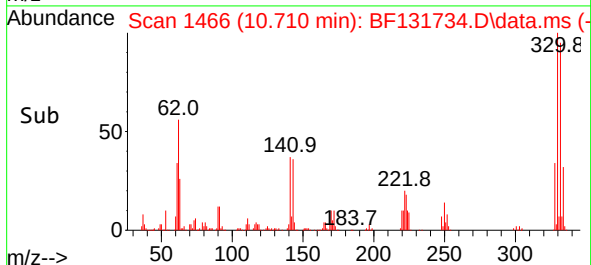
Tgt Ion:164 Resp: 181676
Ion Ratio Lower Upper
164 100
162 102.1 83.7 125.5
160 44.6 36.2 54.4

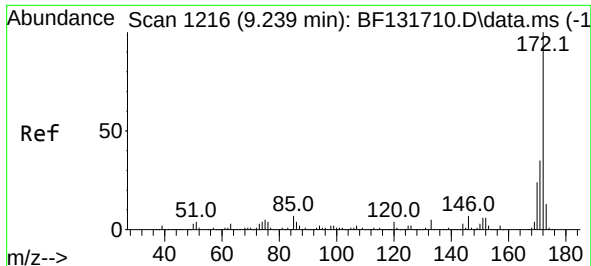


#42
2,4,6-Tribromophenol
Concen: 115.728 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24



Tgt Ion:330 Resp: 230126
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 37.8 30.4 45.6

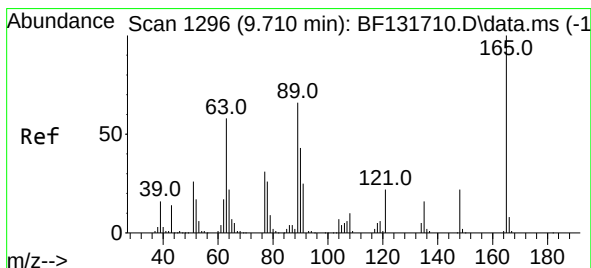
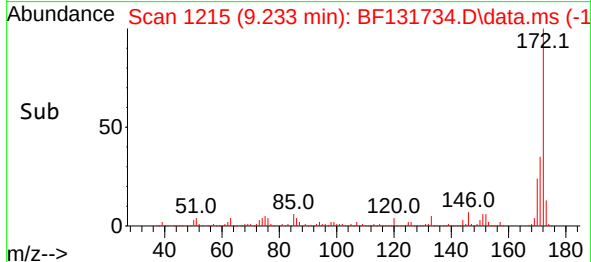
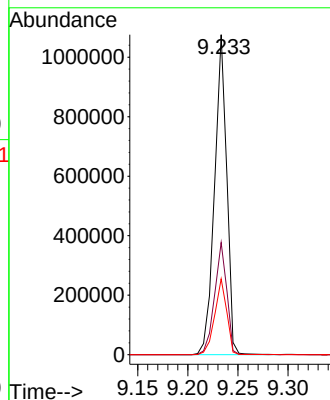
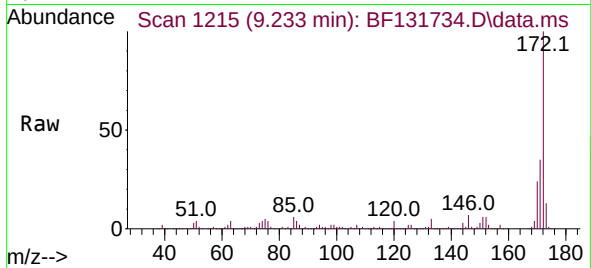




#45
2-Fluorobiphenyl
Concen: 70.183 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

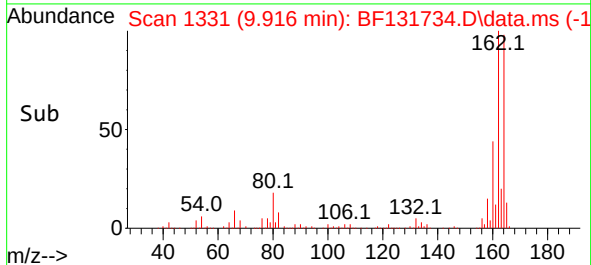
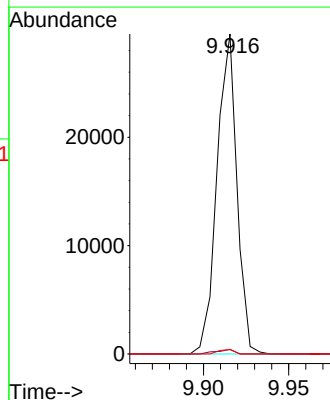
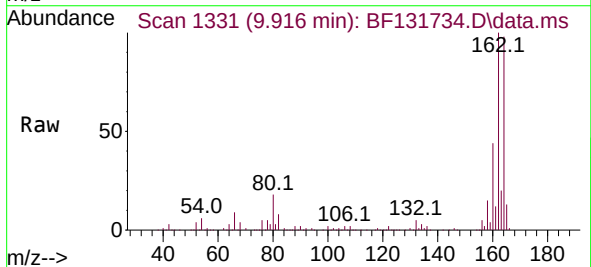
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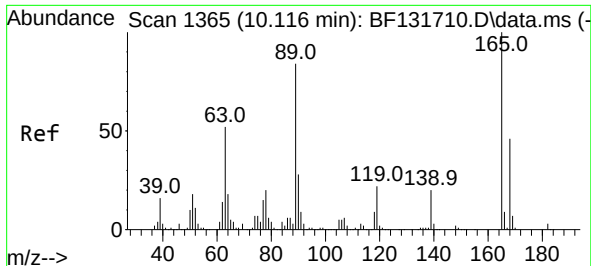
Tgt Ion:172 Resp: 910219
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.7 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 8.175 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

Tgt Ion:165 Resp: 24029
Ion Ratio Lower Upper
165 100
63 1.5 51.8 77.8#
89 1.3 53.2 79.8#

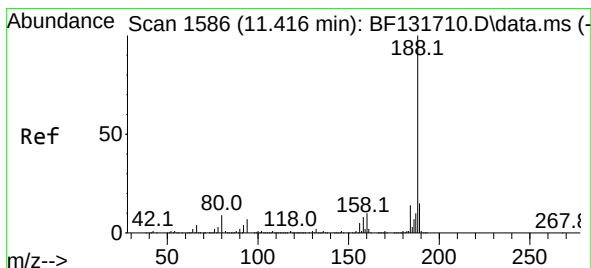
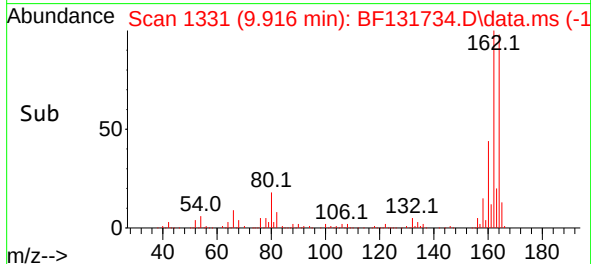
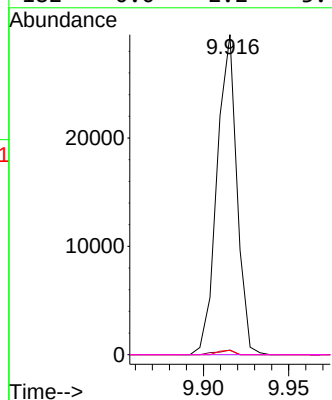
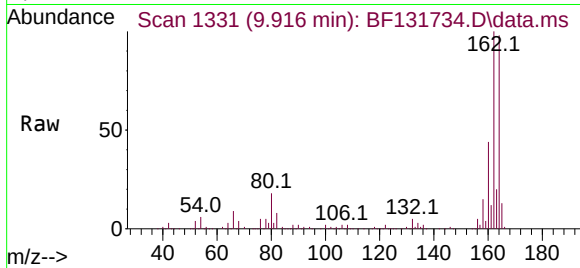




#57
2,4-Dinitrotoluene
Concen: 6.084 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

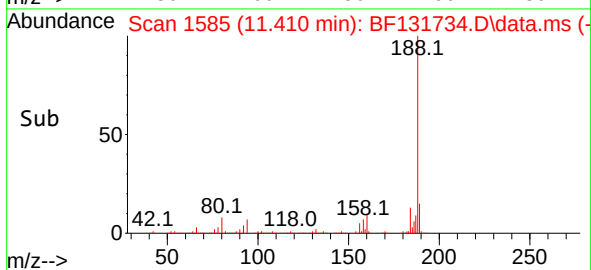
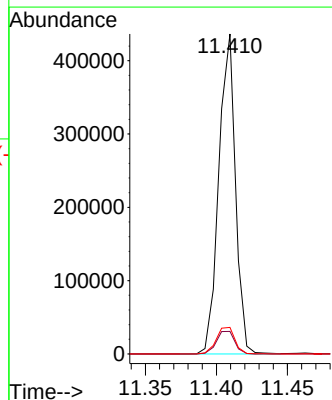
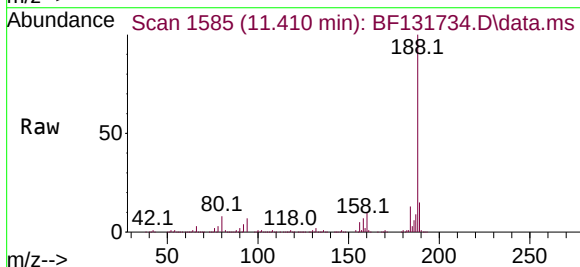
Instrument :
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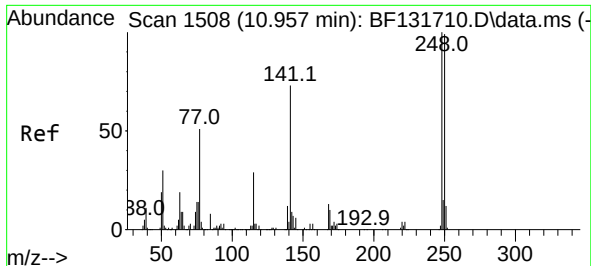
Tgt Ion:165 Resp: 24029
Ion Ratio Lower Upper
165 100
63 1.5 41.5 62.3#
89 1.3 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

Tgt Ion:188 Resp: 356355
Ion Ratio Lower Upper
188 100
94 7.1 5.9 8.9
80 8.3 7.0 10.6

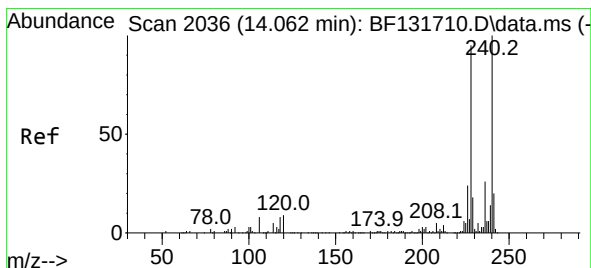
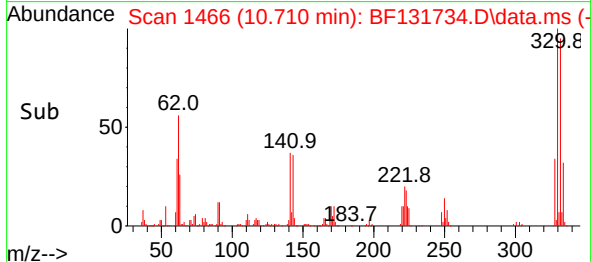
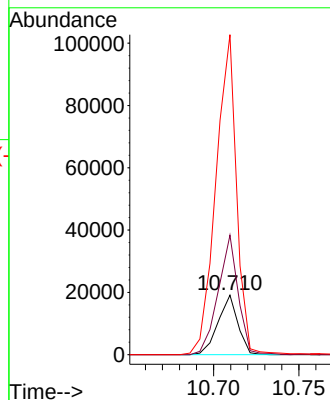
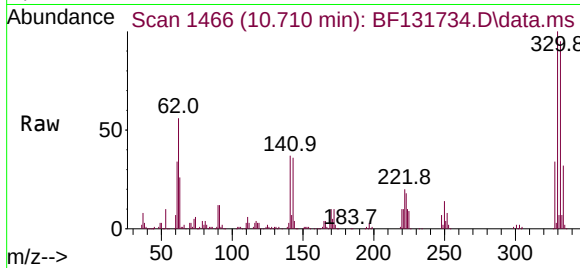




#67
4-Bromophenyl-phenylether
Concen: 3.684 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

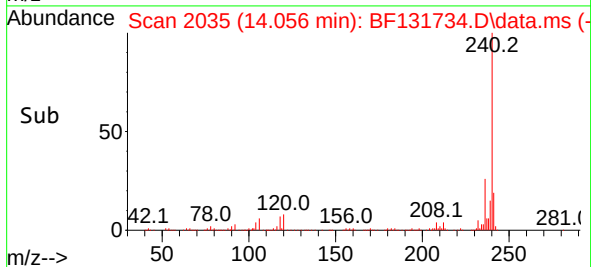
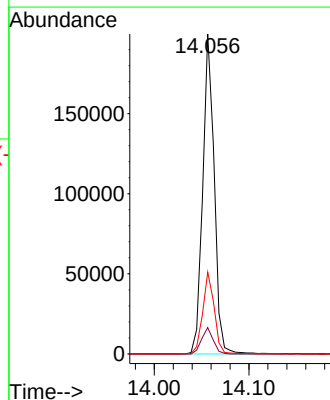
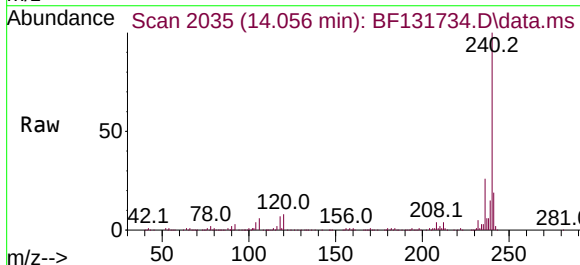
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP3-COMP-04

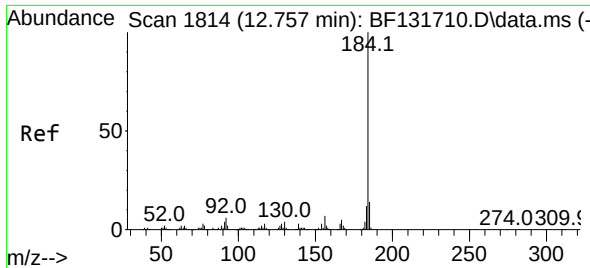
Tgt Ion:248 Resp: 15507
Ion Ratio Lower Upper
248 100
250 200.8 79.4 119.0#
141 537.5 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.056 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

Tgt Ion:240 Resp: 168820
Ion Ratio Lower Upper
240 100
120 8.3 7.6 11.4
236 25.6 21.2 31.8

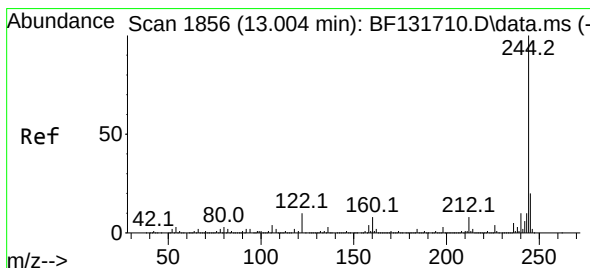
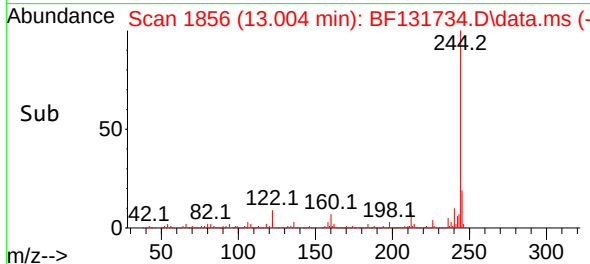
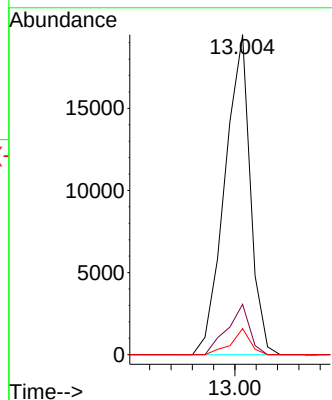
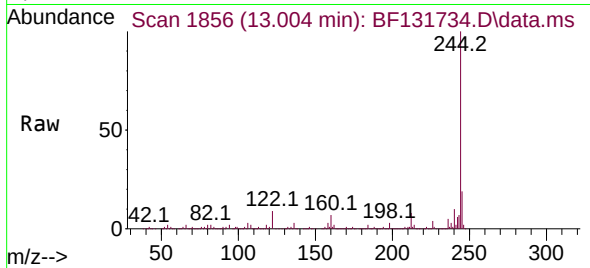




#77
Benzidine
Concen: 5.229 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.247 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

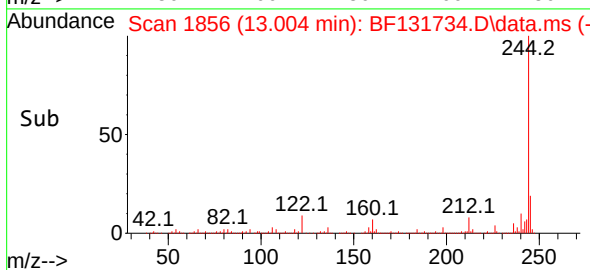
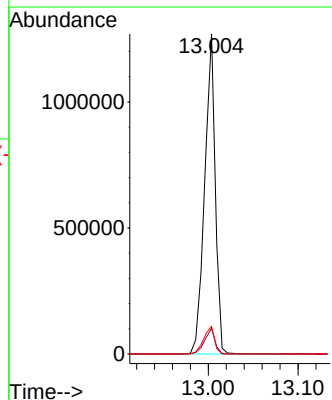
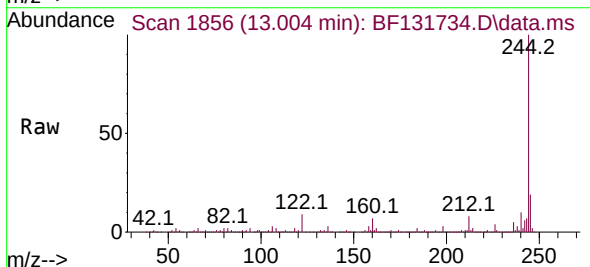
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP3-COMP-04

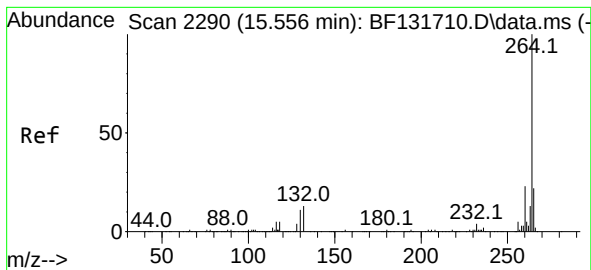
Tgt Ion:184 Resp: 16187
Ion Ratio Lower Upper
184 100
185 15.7 11.3 16.9
183 8.1 9.3 13.9#



#79
Terphenyl-d14
Concen: 96.280 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

Tgt Ion:244 Resp: 1042905
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 8.6 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131734.D
Acq: 21 Dec 2022 02:24

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP3-COMP-04

Tgt Ion:264 Resp: 184077

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.5	17.4	26.2

