

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131737.D
 Acq On : 21 Dec 2022 03:56
 Operator : CG\JU
 Sample : N6098-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Dec 21 04:52:59 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)

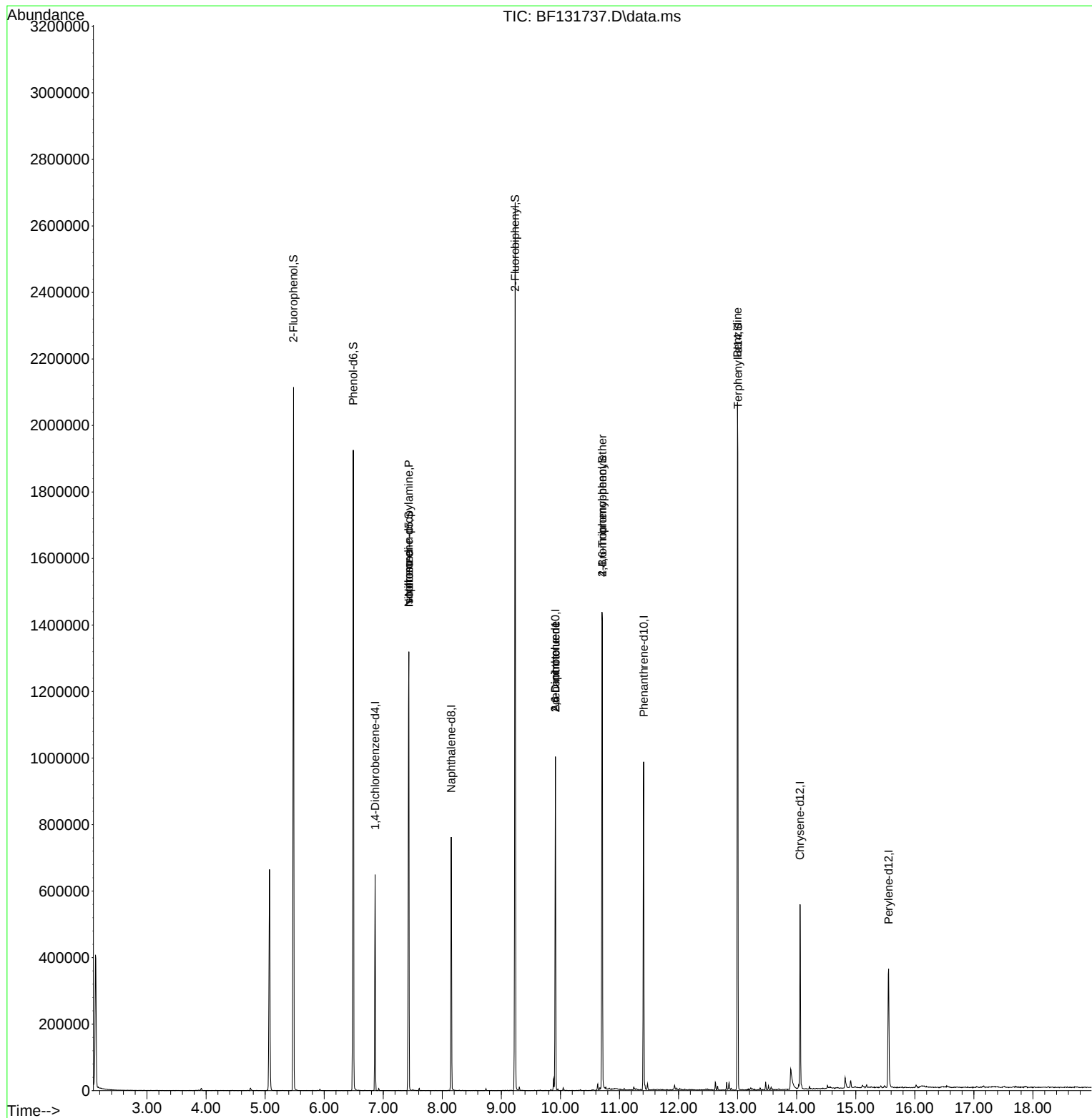
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	84806	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	306958	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	180909	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	345161	20.000	ng	0.00
76) Chrysene-d12	14.057	240	166161	20.000	ng	0.00
86) Perylene-d12	15.557	264	175683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	495702	98.425	ng	0.00
7) Phenol-d6	6.492	99	654264	96.517	ng	-0.01
23) Nitrobenzene-d5	7.434	82	459132	60.722	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	166259	83.964	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	725581	56.184	ng	0.00
79) Terphenyl-d14	13.004	244	733014	68.754	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	54	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.434	70	64798	13.254	ng	# 78
25) Isophorone	7.434	82	457530	35.631	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	23246	7.942	ng	# 20
57) 2,4-Dinitrotoluene	9.916	165	23246	5.910	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	11403	2.797	ng	# 1
77) Benizidine	12.998	184	11110	3.646	ng	# 89

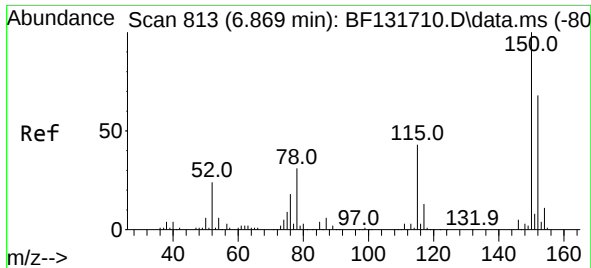
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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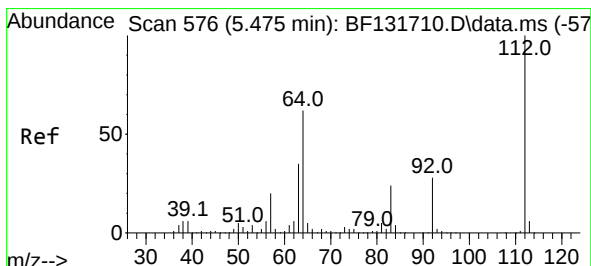
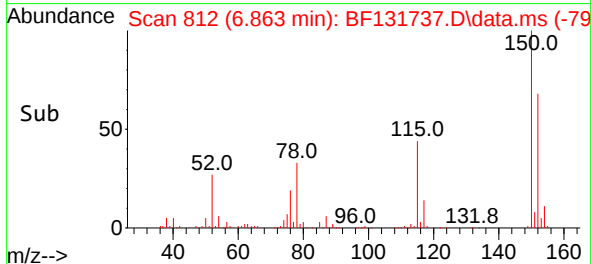
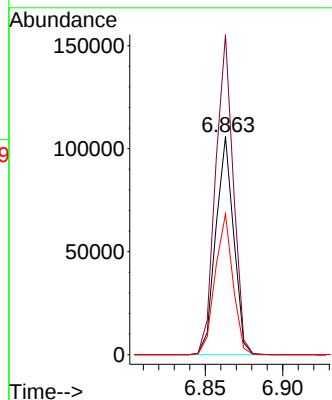
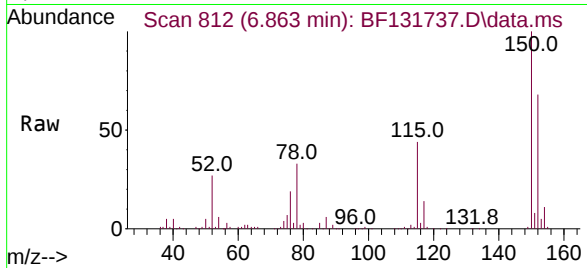




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

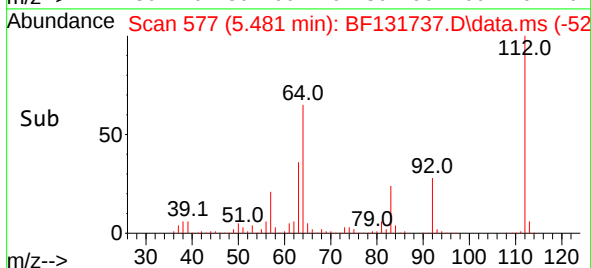
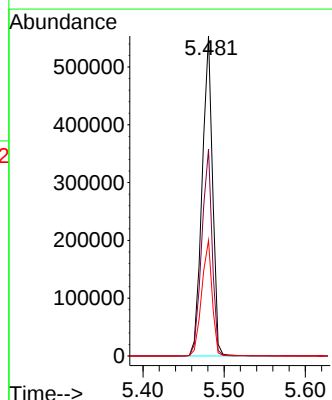
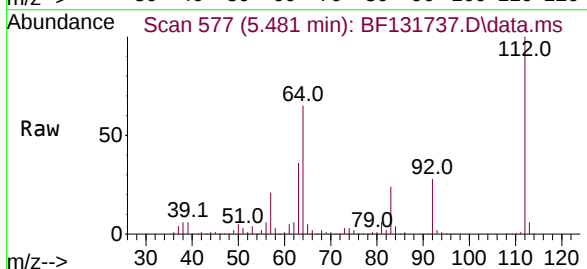
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP3-COMP-04

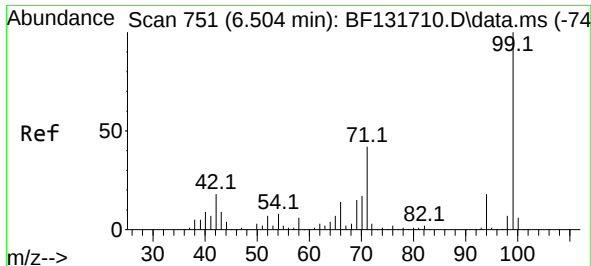
Tgt Ion:152 Resp: 84806
Ion Ratio Lower Upper
152 100
150 146.7 117.4 176.0
115 64.5 50.2 75.4



#5
2-Fluorophenol
Concen: 98.425 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

Tgt Ion:112 Resp: 495702
Ion Ratio Lower Upper
112 100
64 64.6 49.5 74.3
63 36.1 28.2 42.2

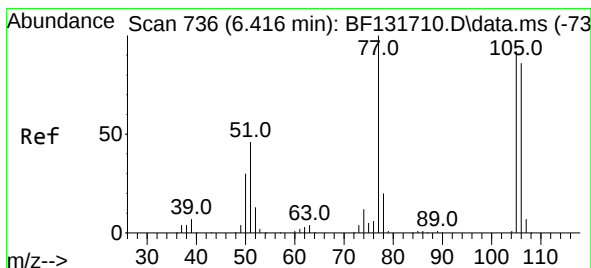
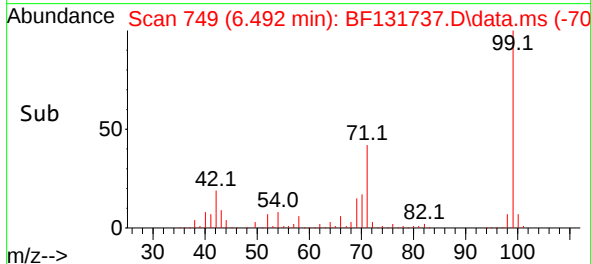
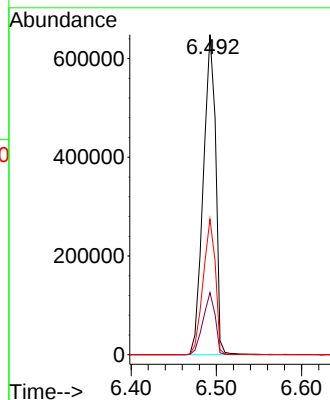
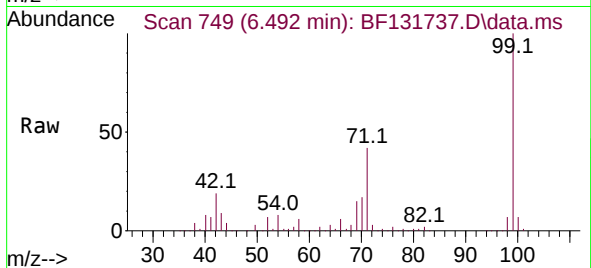




#7
Phenol-d6
Concen: 96.517 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

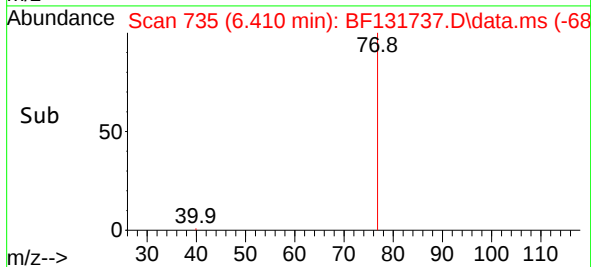
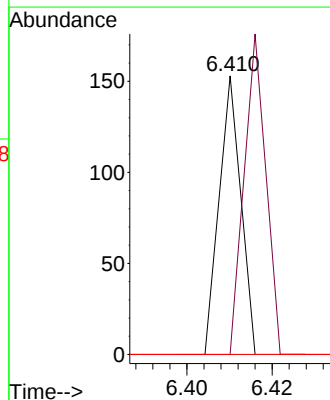
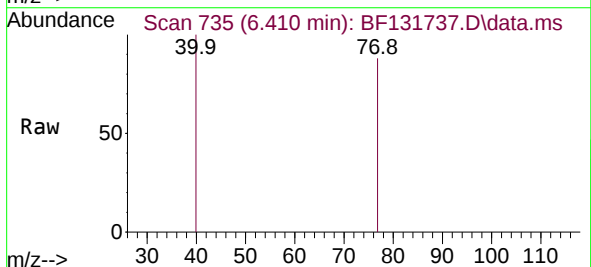
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP3-COMP-04

Tgt Ion: 99 Resp: 654264
Ion Ratio Lower Upper
99 100
42 19.4 14.8 22.2
71 42.3 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

Tgt Ion: 77 Resp: 54
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

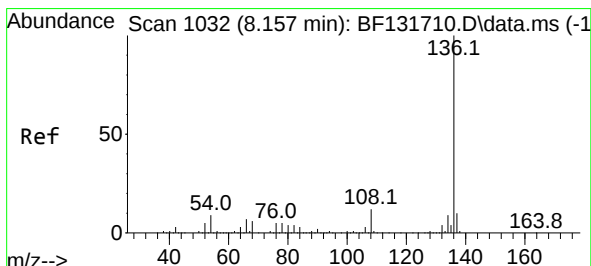
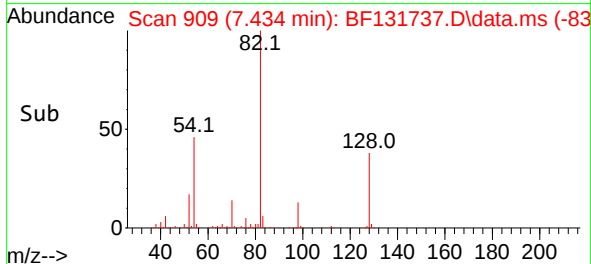
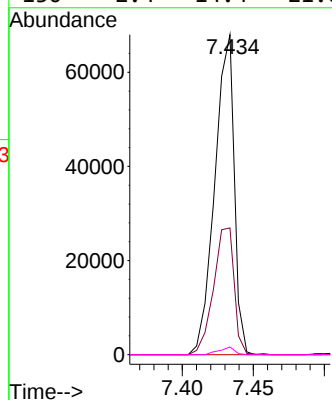
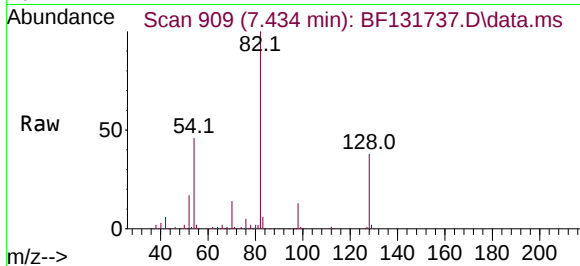




#19
n-Nitroso-di-n-propylamine
Concen: 13.254 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

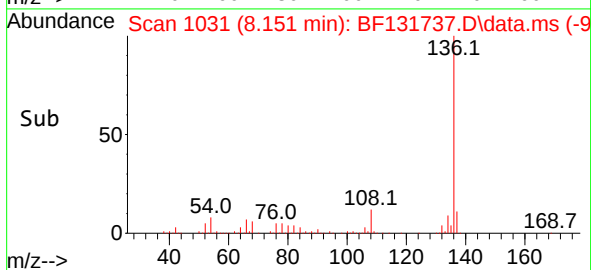
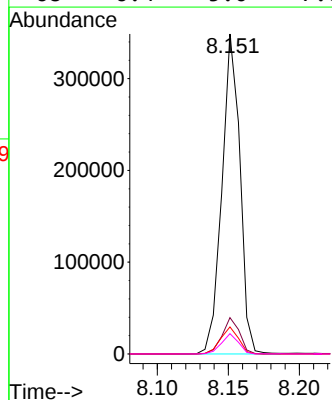
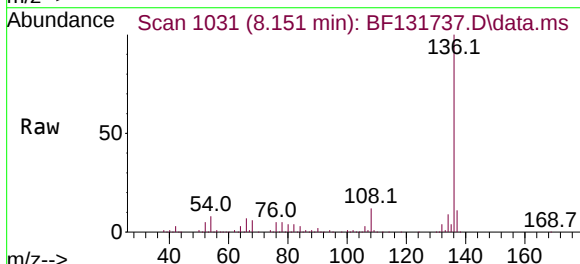
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP3-COMP-04

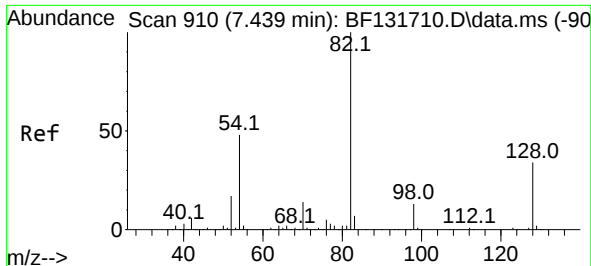
Tgt Ion:	70	Resp:	64798
Ion	Ratio	Lower	Upper
70	100		
42	39.6	41.5	62.3#
101	0.0	7.3	10.9#
130	2.4	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

Tgt Ion:	136	Resp:	306958
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	8.4	7.2	10.8
68	6.4	5.0	7.6





#23

Nitrobenzene-d5

Concen: 60.722 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131737.D

Acq: 21 Dec 2022 03:56

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP3-COMP-04

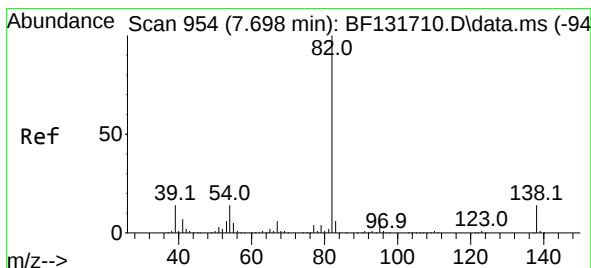
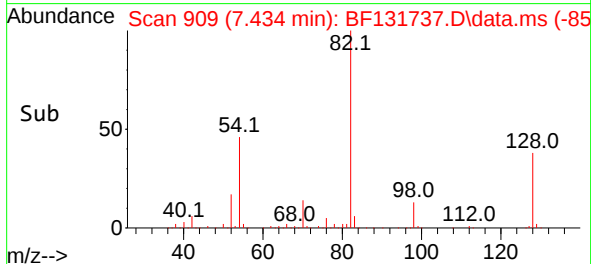
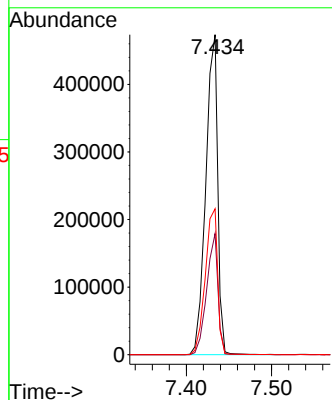
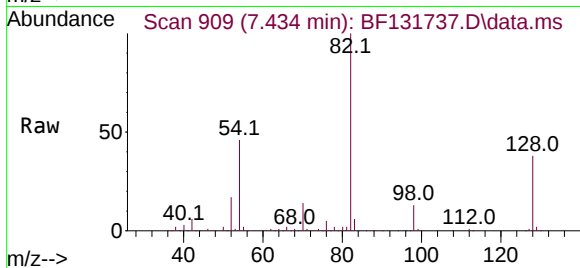
Tgt Ion: 82 Resp: 459132

Ion Ratio Lower Upper

82 100

128 37.9 27.3 40.9

54 45.6 38.2 57.2



#25

Isophorone

Concen: 35.631 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF131737.D

Acq: 21 Dec 2022 03:56

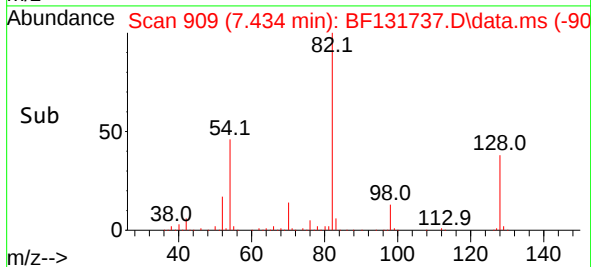
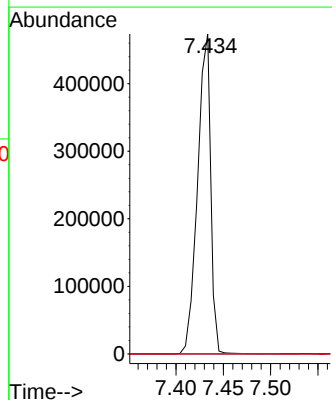
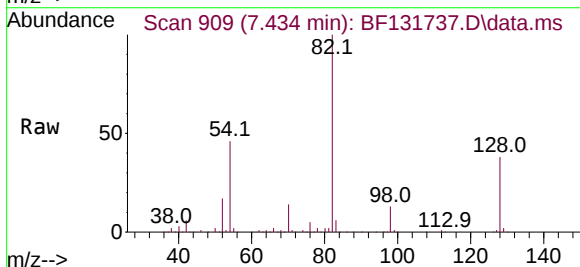
Tgt Ion: 82 Resp: 457530

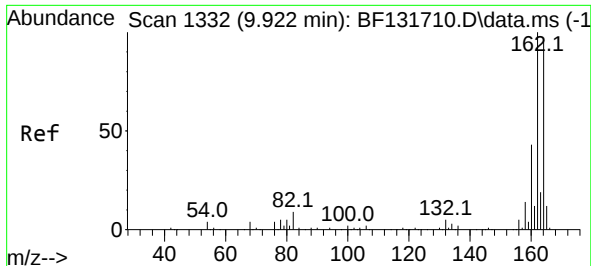
Ion Ratio Lower Upper

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: BF131737.D

Acq: 21 Dec 2022 03:56

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP3-COMP-04

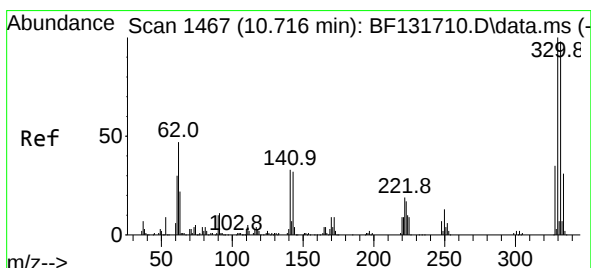
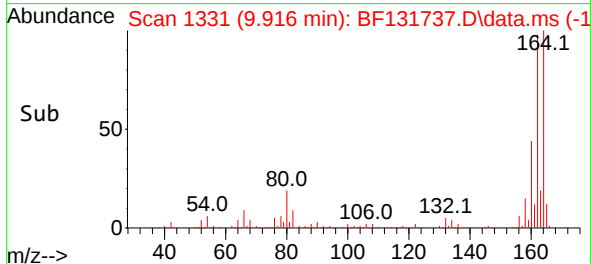
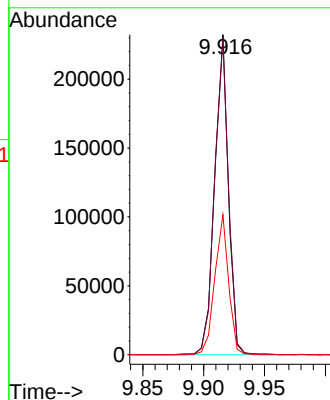
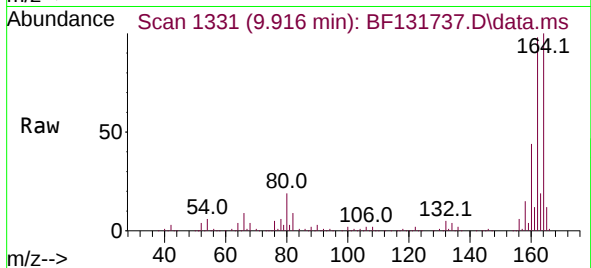
Tgt Ion:164 Resp: 180909

Ion Ratio Lower Upper

164 100

162 98.5 83.7 125.5

160 43.7 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 83.964 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF131737.D

Acq: 21 Dec 2022 03:56

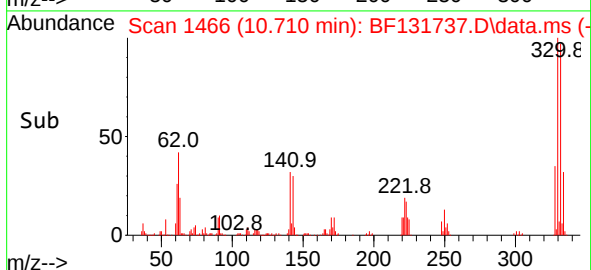
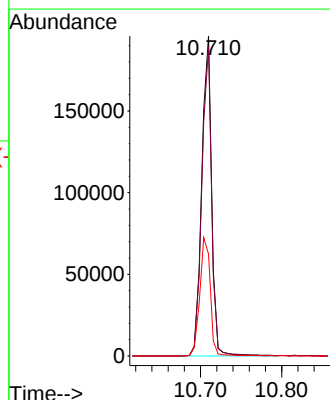
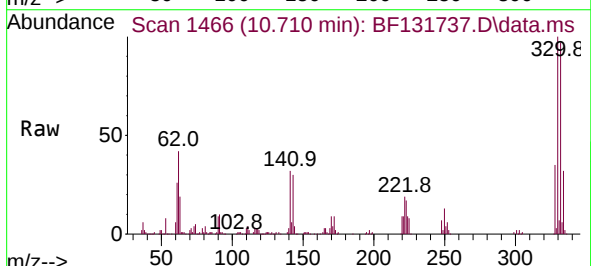
Tgt Ion:330 Resp: 166259

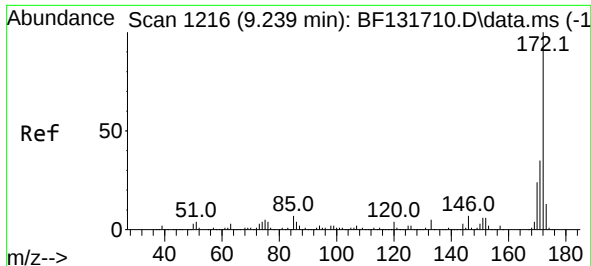
Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

141 39.5 30.4 45.6

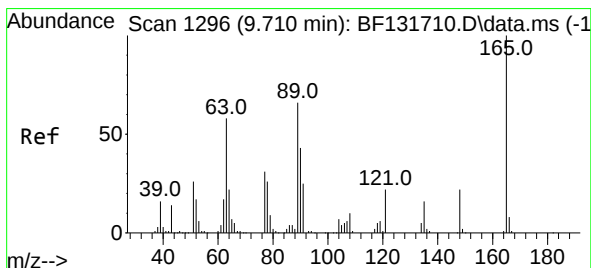
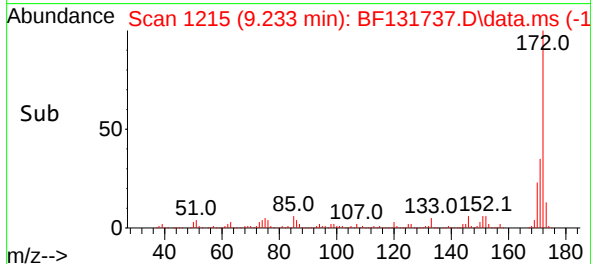
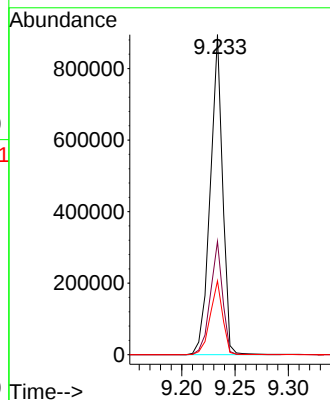
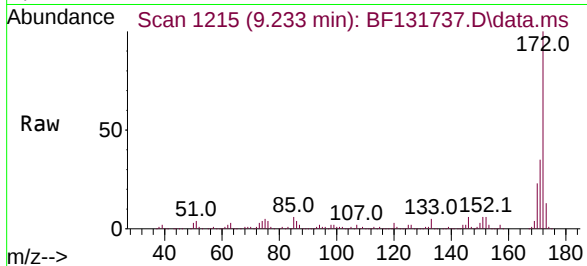




#45
2-Fluorobiphenyl
Concen: 56.184 ng
RT: 9.233 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

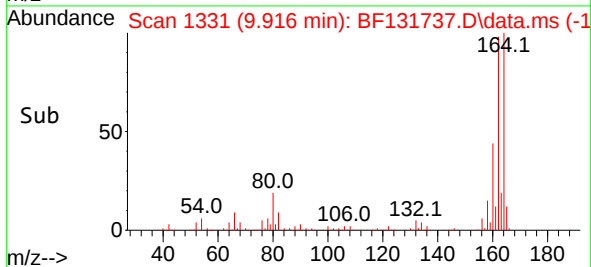
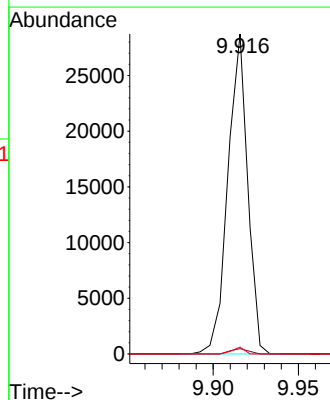
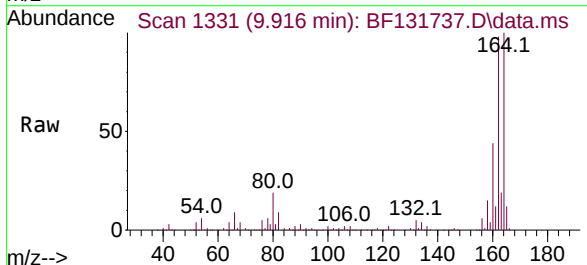
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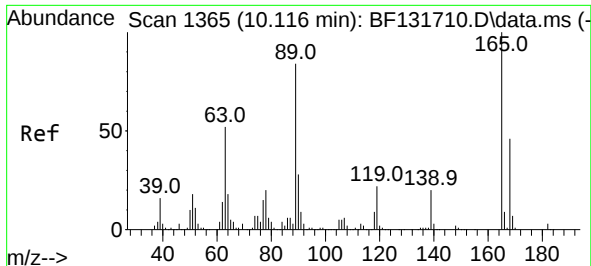
Tgt Ion:172 Resp: 725581
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.1 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.942 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

Tgt Ion:165 Resp: 23246
Ion Ratio Lower Upper
165 100
63 1.7 51.8 77.8#
89 2.2 53.2 79.8#

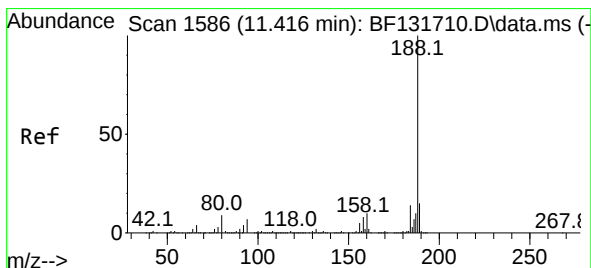
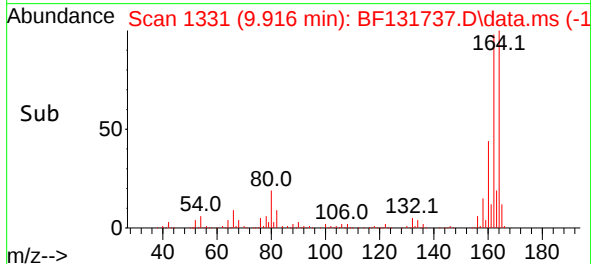
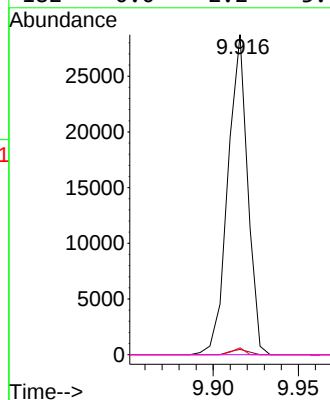
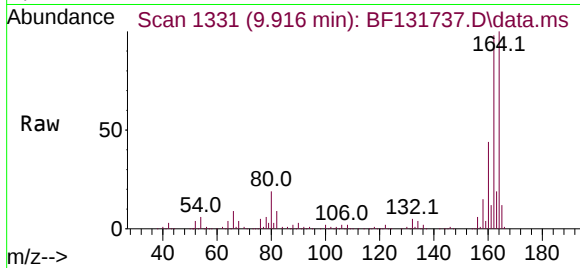




#57
2,4-Dinitrotoluene
Concen: 5.910 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

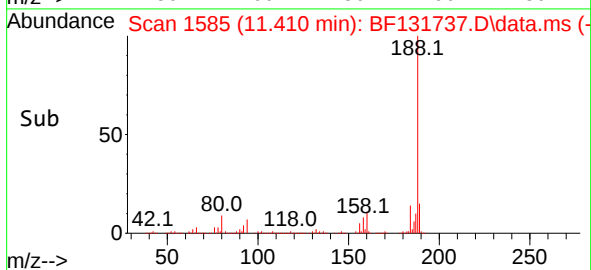
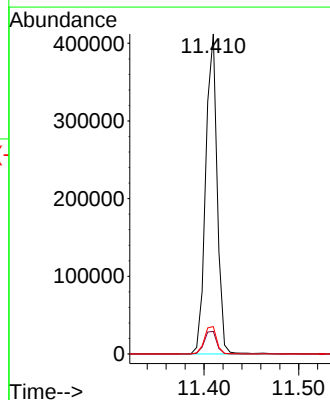
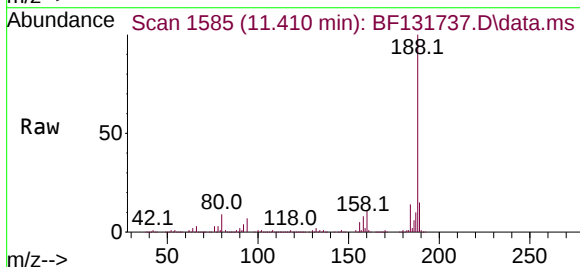
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP3-COMP-04

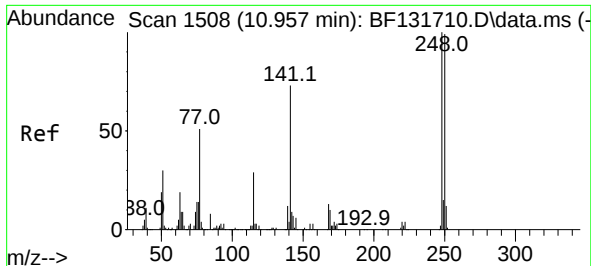
Tgt Ion:165 Resp: 23246
Ion Ratio Lower Upper
165 100
63 1.7 41.5 62.3#
89 2.2 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

Tgt Ion:188 Resp: 345161
Ion Ratio Lower Upper
188 100
94 7.1 5.9 8.9
80 8.6 7.0 10.6

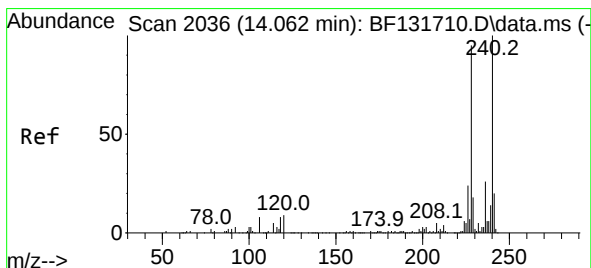
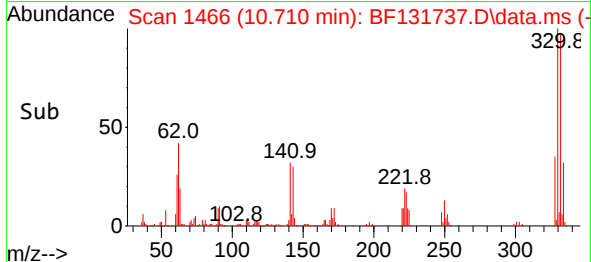
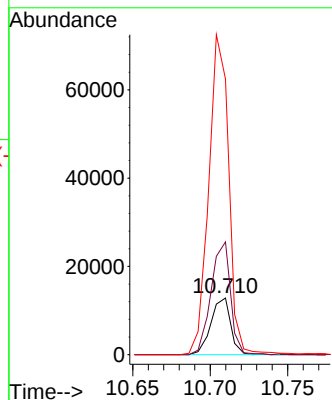
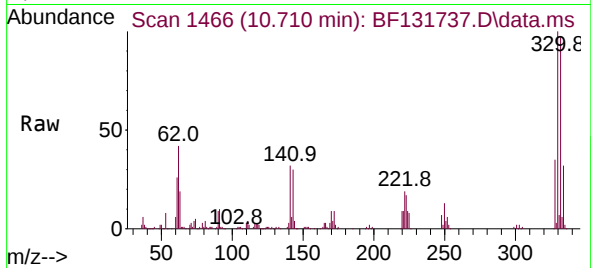




#67
4-Bromophenyl-phenylether
Concen: 2.797 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

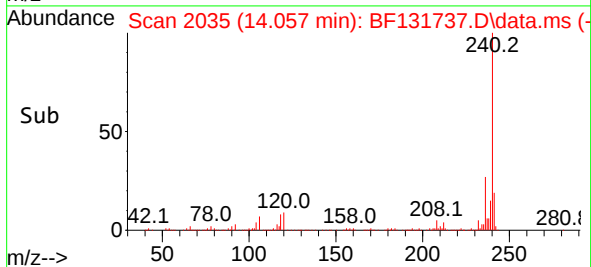
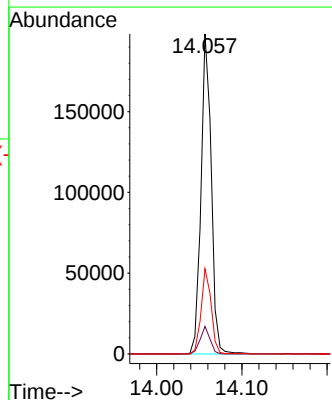
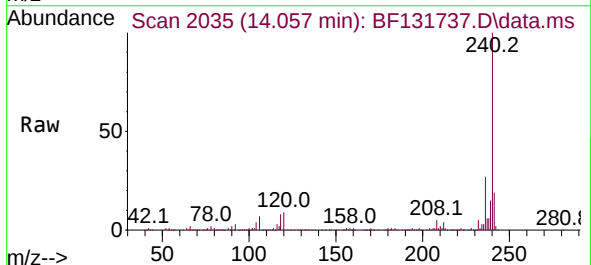
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP3-COMP-04

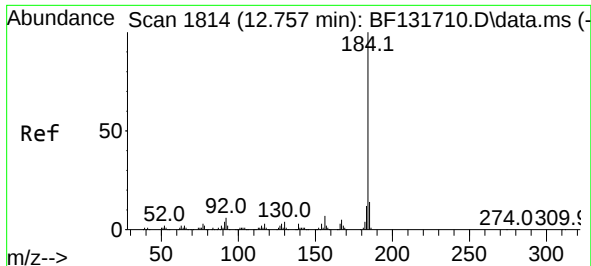
Tgt Ion:248 Resp: 11403
Ion Ratio Lower Upper
248 100
250 199.2 79.4 119.0#
141 486.7 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

Tgt Ion:240 Resp: 166161
Ion Ratio Lower Upper
240 100
120 8.6 7.6 11.4
236 26.6 21.2 31.8

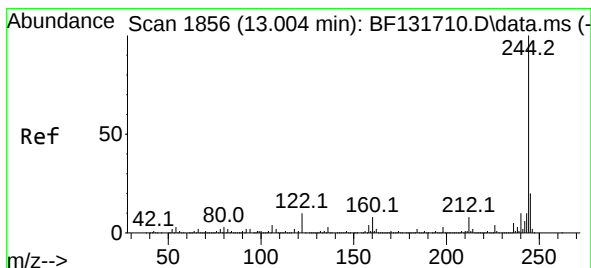
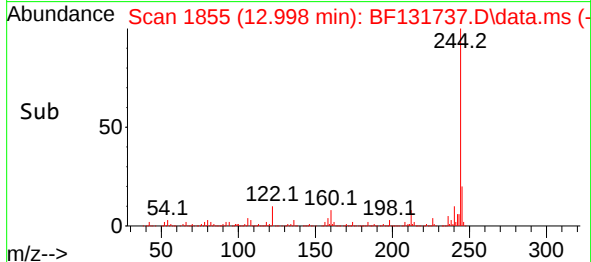
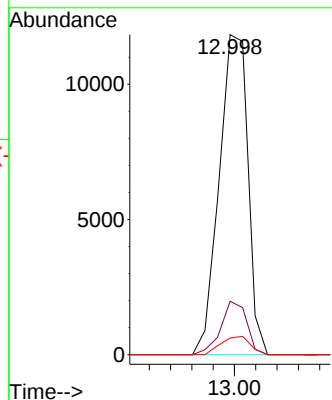
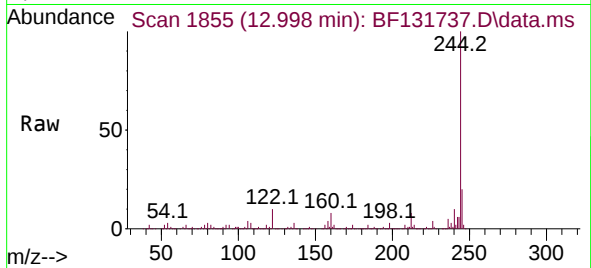




#77
Benzidine
Concen: 3.646 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.241 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

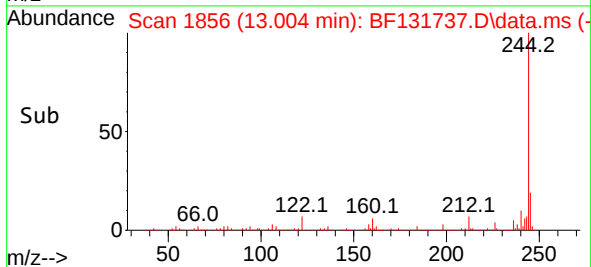
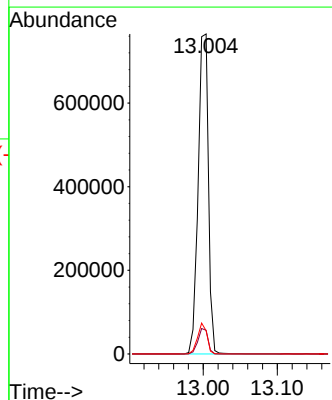
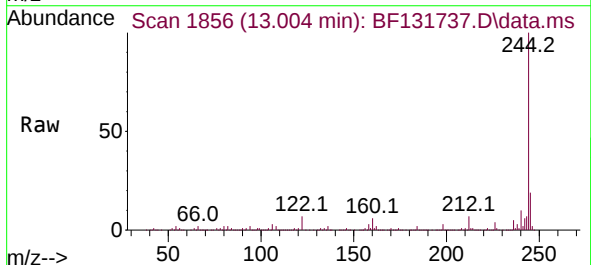
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP3-COMP-04

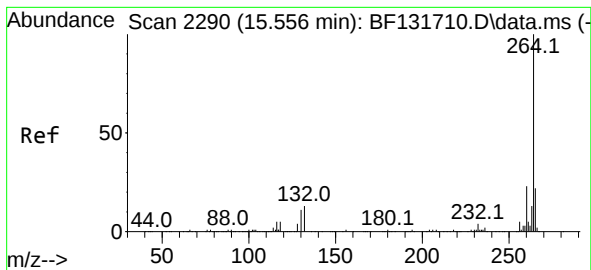
Tgt Ion:184 Resp: 11110
Ion Ratio Lower Upper
184 100
185 16.7 11.3 16.9
183 5.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 68.754 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF131737.D
Acq: 21 Dec 2022 03:56

Tgt Ion:244 Resp: 733014
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 7.3 7.7 11.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131737.D

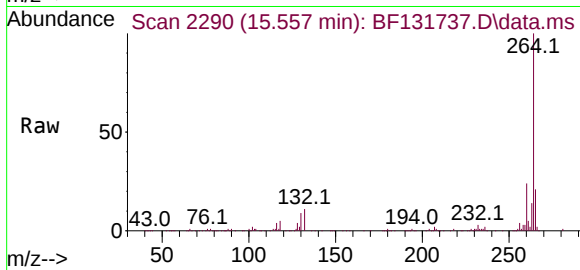
Acq: 21 Dec 2022 03:56

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP3-COMP-04



Tgt Ion:264 Resp: 175683

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 20.9 17.4 26.2

