

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131736.D
 Acq On : 21 Dec 2022 03:25
 Operator : CG\JU
 Sample : N6098-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP2-COMP-02

Quant Time: Dec 21 04:52:41 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)

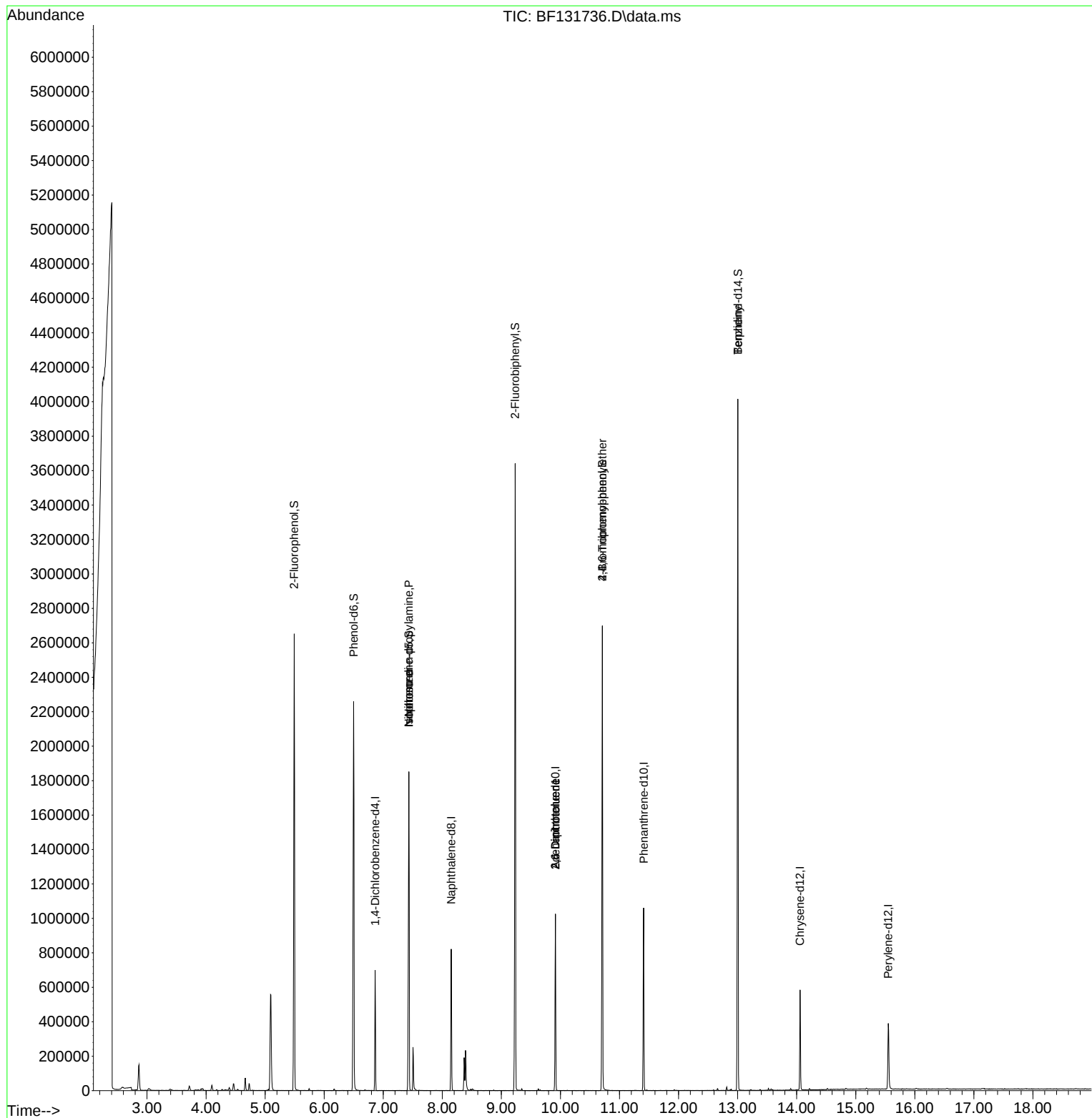
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	86404	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	319524	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	189243	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	366312	20.000	ng	0.00
76) Chrysene-d12	14.057	240	182452	20.000	ng	0.00
86) Perylene-d12	15.551	264	185656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	694561	135.360	ng	0.02
7) Phenol-d6	6.498	99	834157	120.779	ng	0.00
23) Nitrobenzene-d5	7.433	82	679522	86.335	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	291921	140.934	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1175209	86.992	ng	0.00
79) Terphenyl-d14	13.004	244	1352411	115.524	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1680	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.433	70	95064	19.085	ng	# 82
25) Isophorone	7.433	82	678220	50.740	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	24332	7.947	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	24332	5.914	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	20516	4.742	ng	# 1
77) Benzydine	13.004	184	20411	6.101	ng	# 89

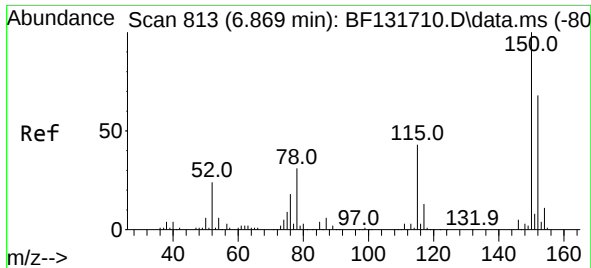
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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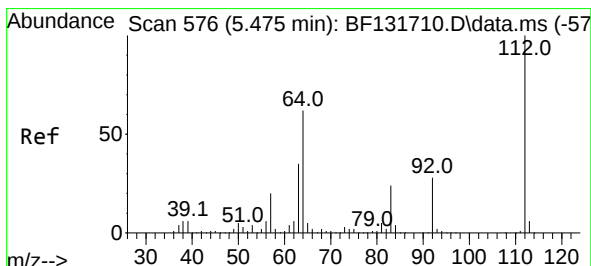
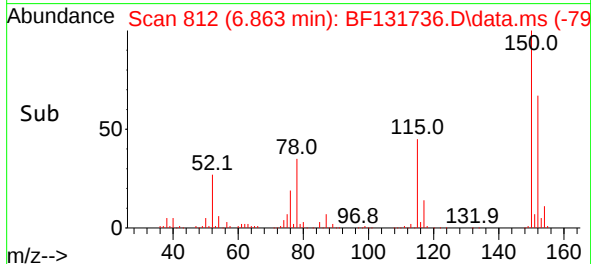
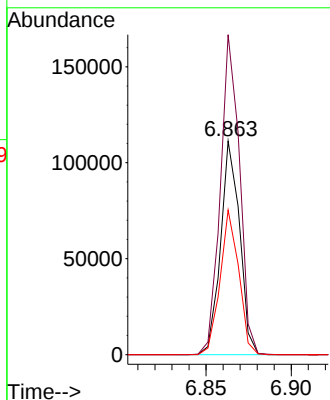
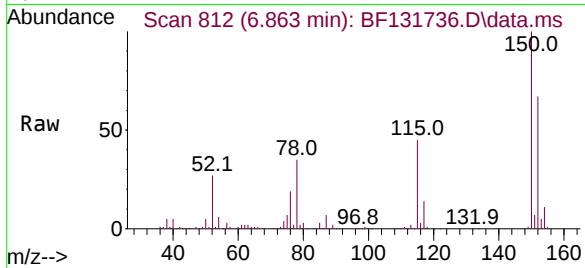




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131736.D
Acq: 21 Dec 2022 03:25

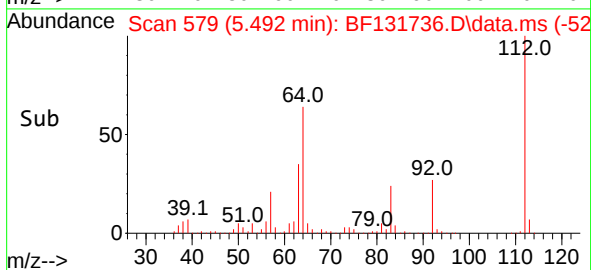
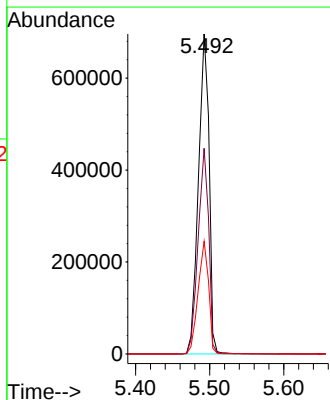
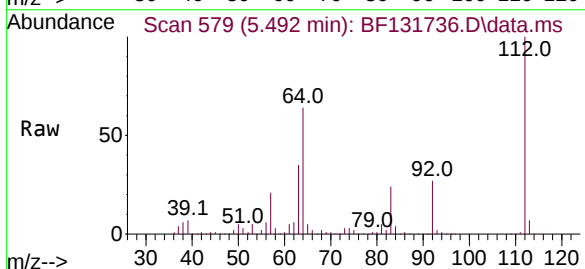
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP2-COMP-02

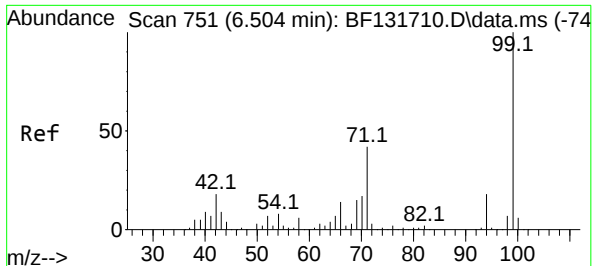
Tgt Ion:152 Resp: 86404
Ion Ratio Lower Upper
152 100
150 149.8 117.4 176.0
115 67.7 50.2 75.4



#5
2-Fluorophenol
Concen: 135.360 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131736.D
Acq: 21 Dec 2022 03:25

Tgt Ion:112 Resp: 694561
Ion Ratio Lower Upper
112 100
64 64.3 49.5 74.3
63 35.2 28.2 42.2

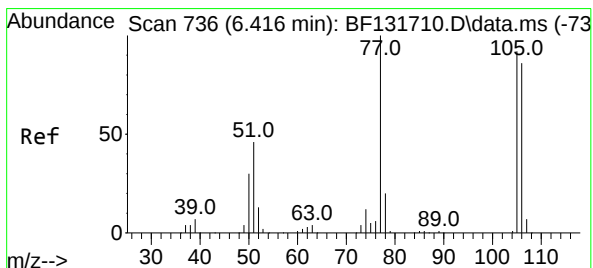
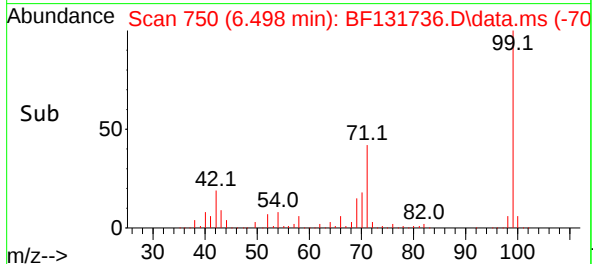
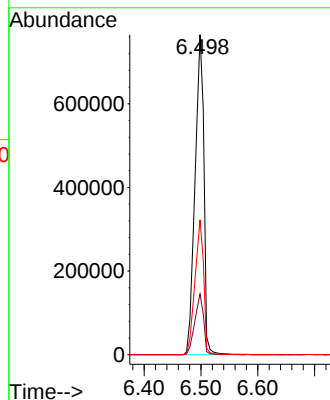
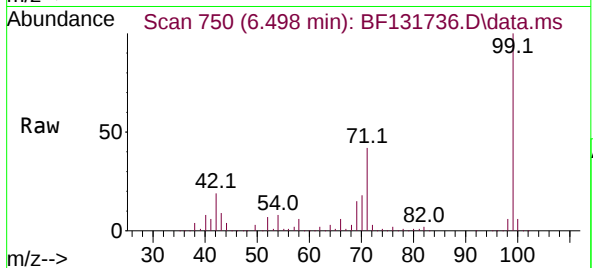




#7
Phenol-d6
Concen: 120.779 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131736.D
Acq: 21 Dec 2022 03:25

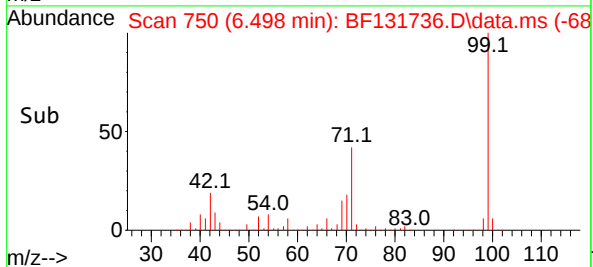
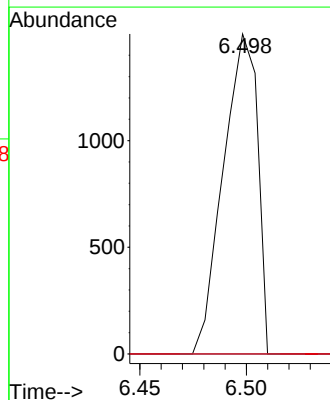
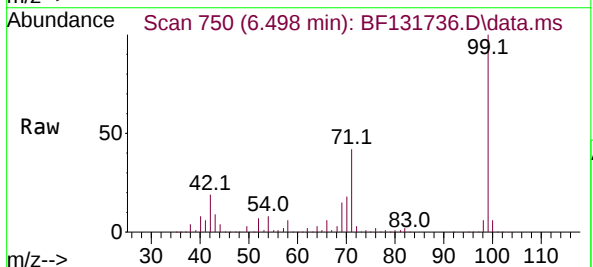
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP2-COMP-02

Tgt Ion: 99 Resp: 834157
Ion Ratio Lower Upper
99 100
42 19.0 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: BF131736.D
Acq: 21 Dec 2022 03:25

Tgt Ion: 77 Resp: 1680
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

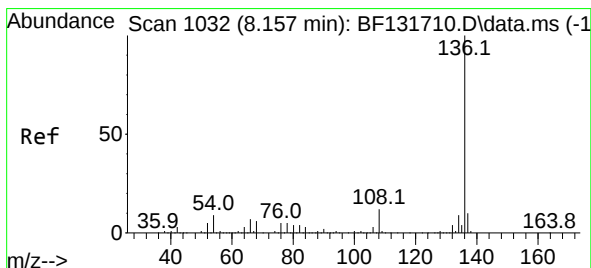
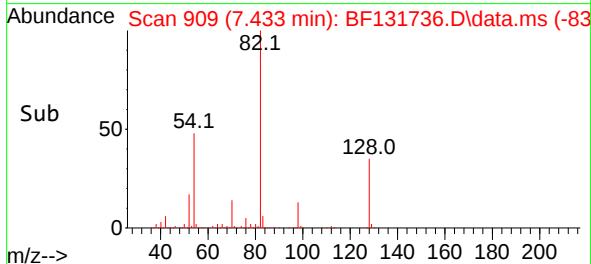
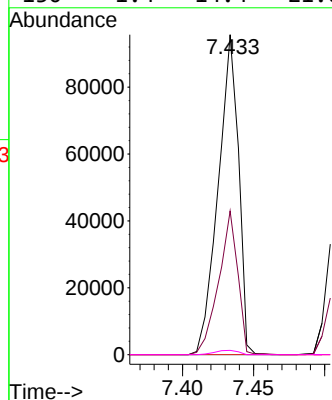
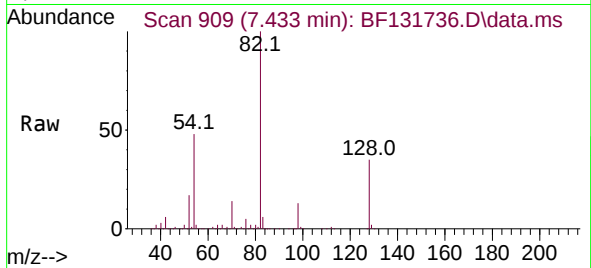




#19
n-Nitroso-di-n-propylamine
Concen: 19.085 ng
RT: 7.433 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131736.D
Acq: 21 Dec 2022 03:25

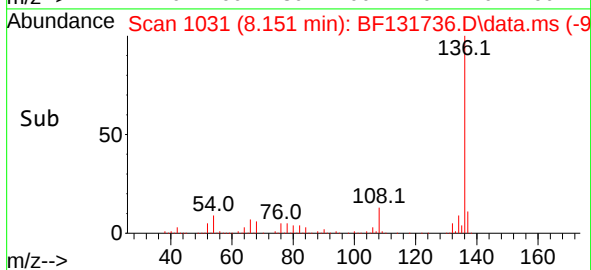
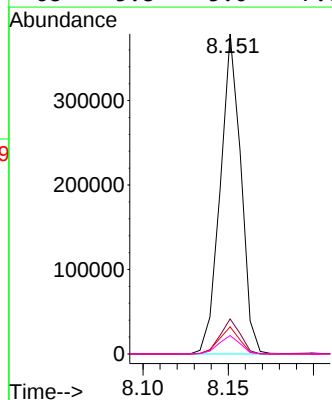
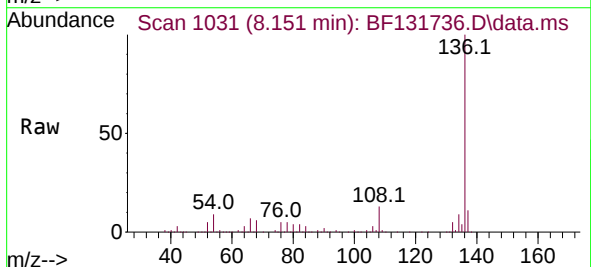
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP2-COMP-02

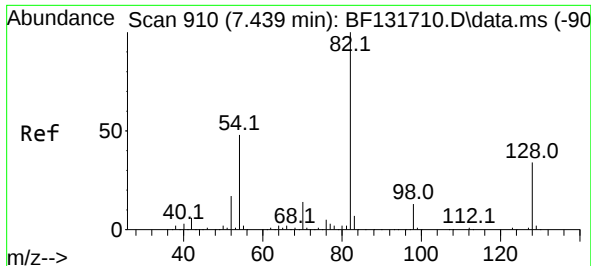
Tgt Ion:	70	Resp:	95064
Ion	Ratio	Lower	Upper
70	100		
42	44.9	41.5	62.3
101	0.0	7.3	10.9#
130	1.4	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131736.D
Acq: 21 Dec 2022 03:25

Tgt Ion:	136	Resp:	319524
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.5	7.2	10.8
68	5.8	5.0	7.6





#23

Nitrobenzene-d5

Concen: 86.335 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131736.D

Acq: 21 Dec 2022 03:25

Instrument :

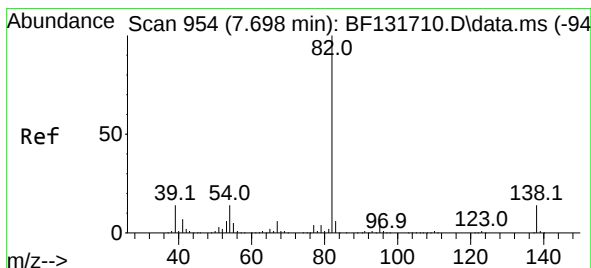
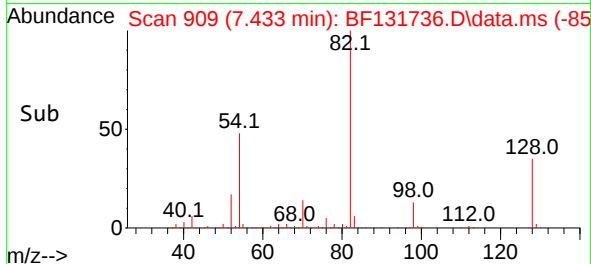
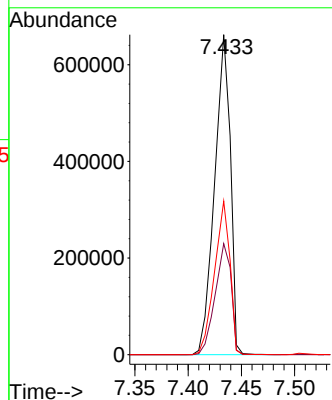
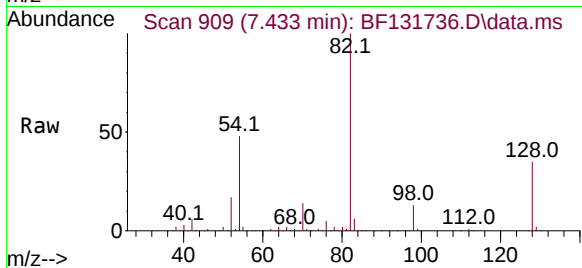
BNA_F

ClientSampleId :

FVSUB-TP2-COMP-02

Tgt Ion: 82 Resp: 679522

Ion	Ratio	Lower	Upper
82	100		
128	34.7	27.3	40.9
54	48.0	38.2	57.2



#25

Isophorone

Concen: 50.740 ng

RT: 7.433 min Scan# 909

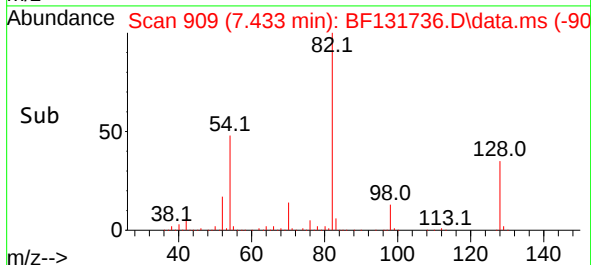
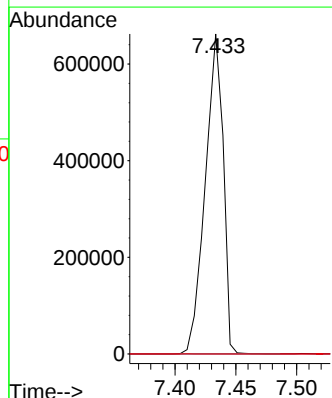
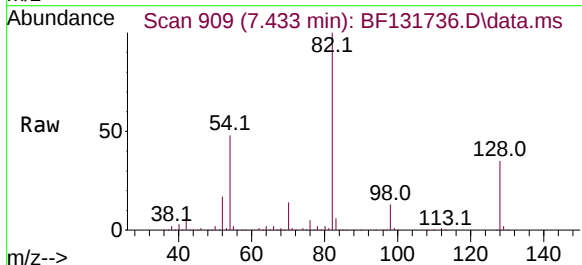
Delta R.T. -0.265 min

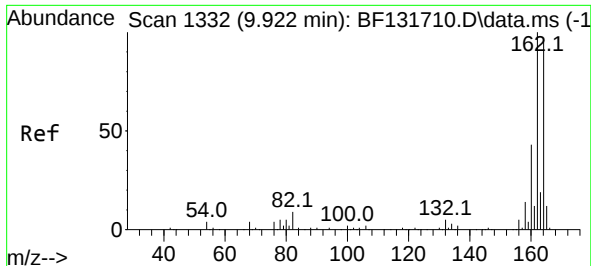
Lab File: BF131736.D

Acq: 21 Dec 2022 03:25

Tgt Ion: 82 Resp: 678220

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: BF131736.D

Acq: 21 Dec 2022 03:25

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP2-COMP-02

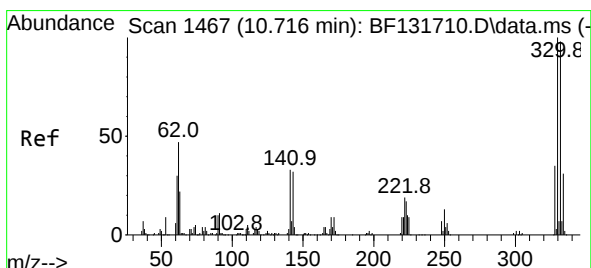
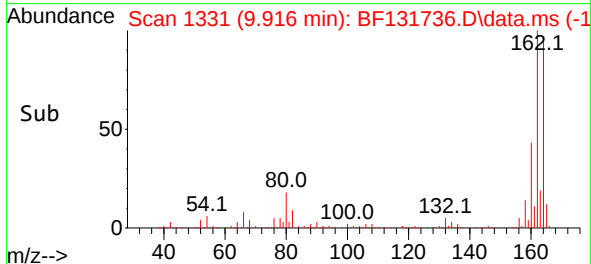
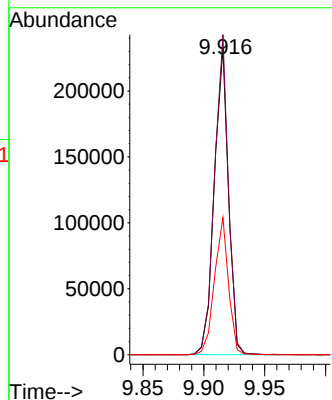
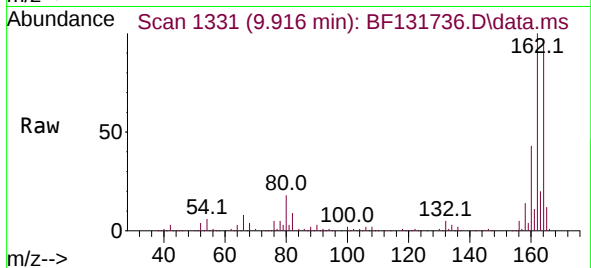
Tgt Ion:164 Resp: 189243

Ion Ratio Lower Upper

164 100

162 104.5 83.7 125.5

160 44.8 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 140.934 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF131736.D

Acq: 21 Dec 2022 03:25

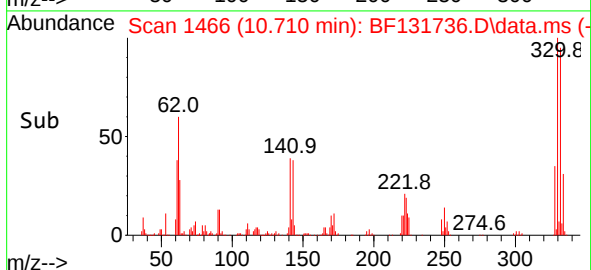
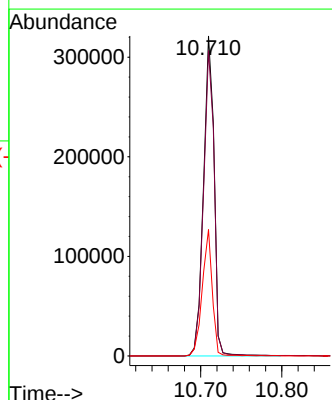
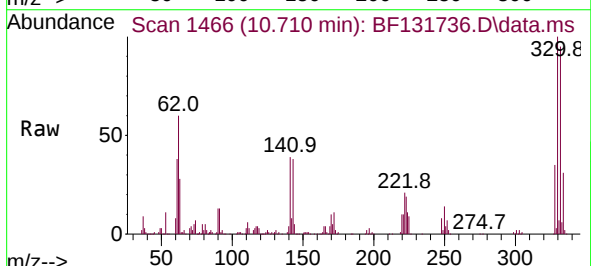
Tgt Ion:330 Resp: 291921

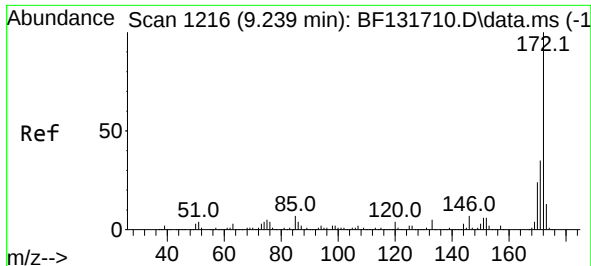
Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 37.6 30.4 45.6

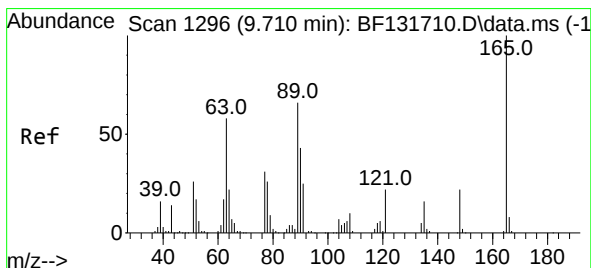
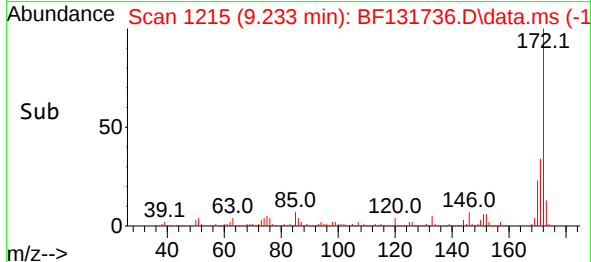
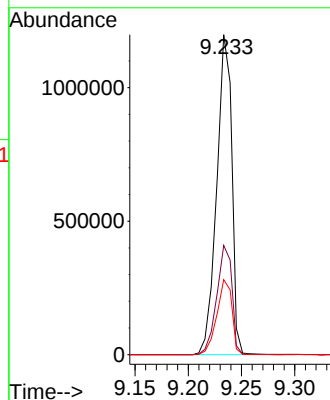
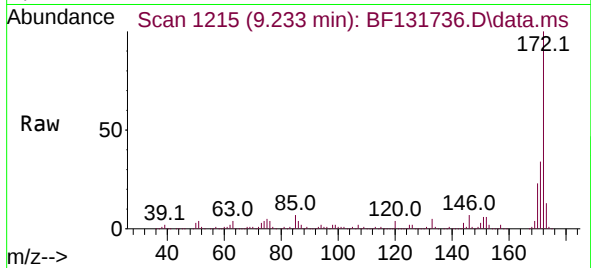




#45
2-Fluorobiphenyl
Concen: 86.992 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131736.D
Acq: 21 Dec 2022 03:25

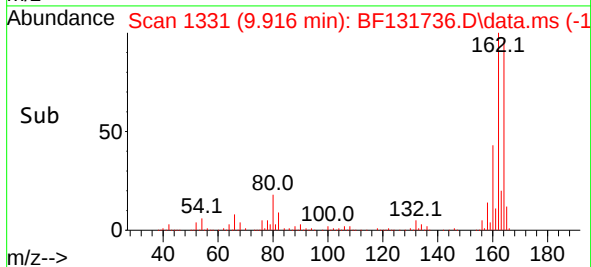
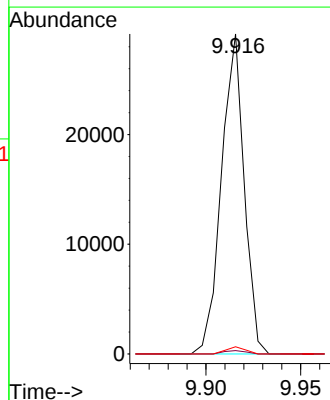
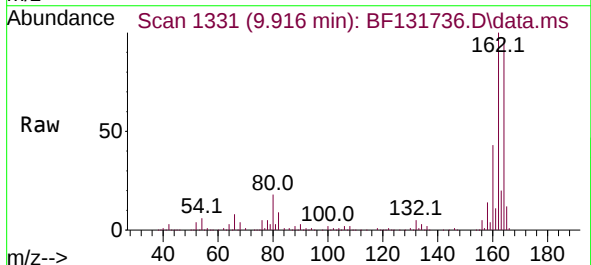
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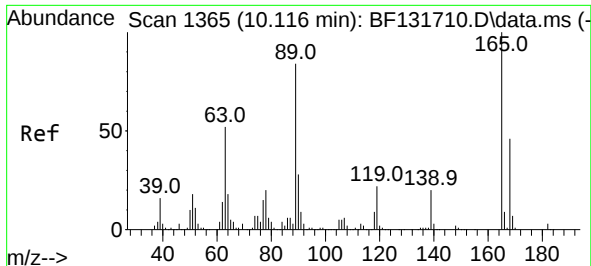
Tgt Ion:172 Resp: 1175209
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 23.4 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.947 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF131736.D
Acq: 21 Dec 2022 03:25

Tgt Ion:165 Resp: 24332
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.8#
89 2.3 53.2 79.8#

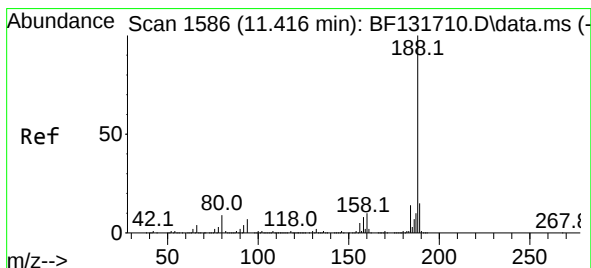
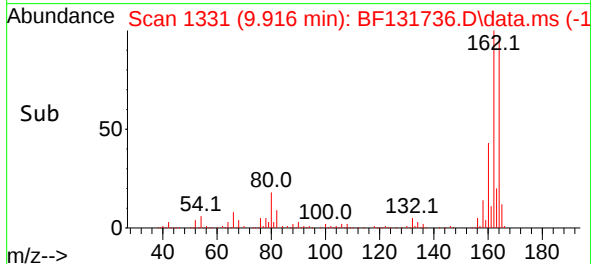
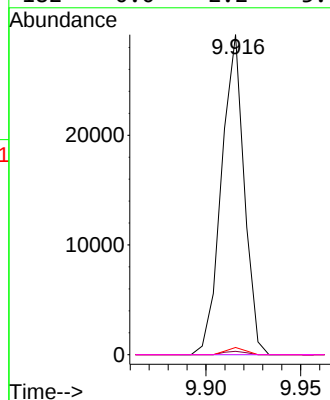
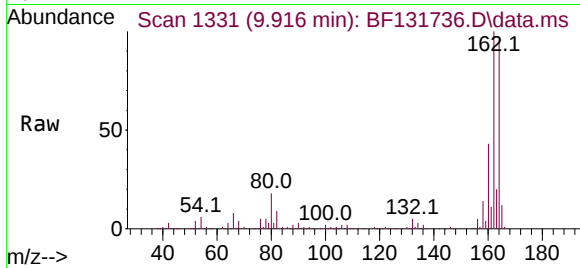




#57
2,4-Dinitrotoluene
Concen: 5.914 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131736.D
Acq: 21 Dec 2022 03:25

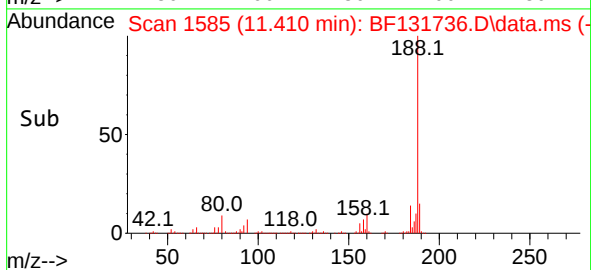
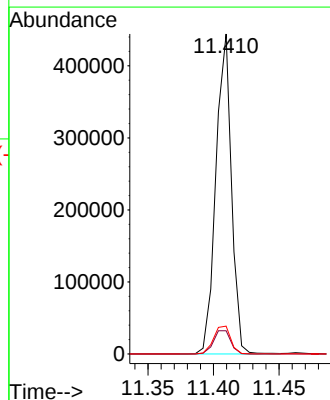
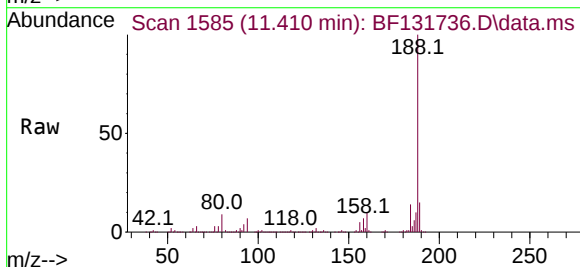
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP2-COMP-02

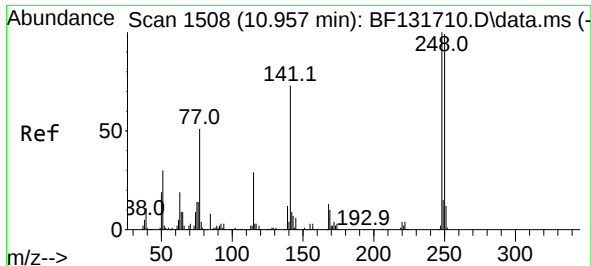
Tgt Ion:165 Resp: 24332
Ion Ratio Lower Upper
165 100
63 1.1 41.5 62.3#
89 2.3 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131736.D
Acq: 21 Dec 2022 03:25

Tgt Ion:188 Resp: 366312
Ion Ratio Lower Upper
188 100
94 7.3 5.9 8.9
80 8.7 7.0 10.6

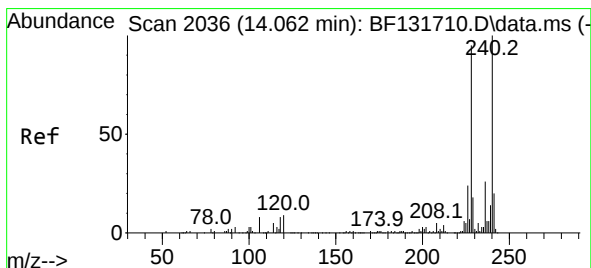
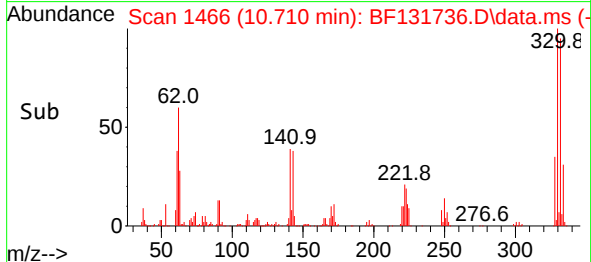
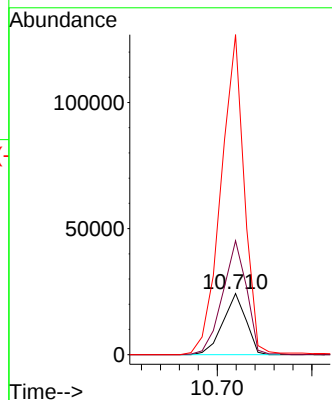
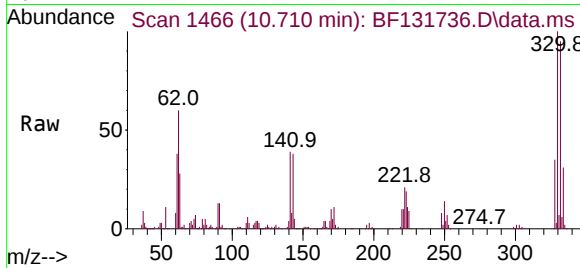




#67
4-Bromophenyl-phenylether
Concen: 4.742 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131736.D
Acq: 21 Dec 2022 03:25

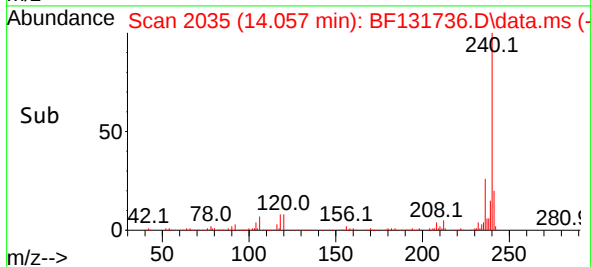
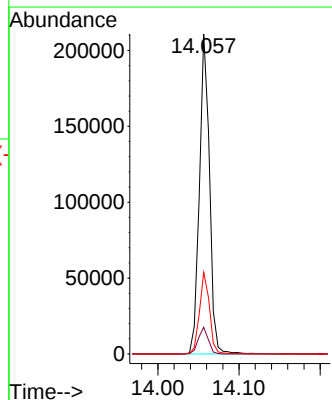
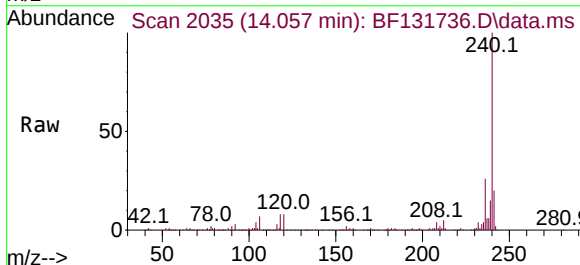
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP2-COMP-02

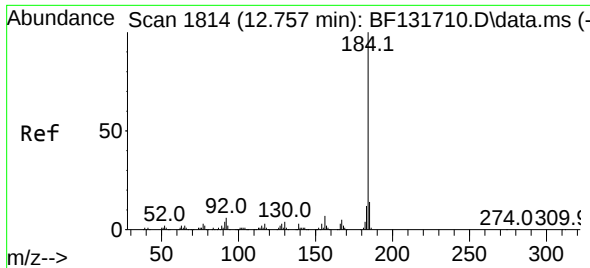
Tgt Ion:248 Resp: 20516
Ion Ratio Lower Upper
248 100
250 186.4 79.4 119.0#
141 523.5 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131736.D
Acq: 21 Dec 2022 03:25

Tgt Ion:240 Resp: 182452
Ion Ratio Lower Upper
240 100
120 8.4 7.6 11.4
236 25.5 21.2 31.8

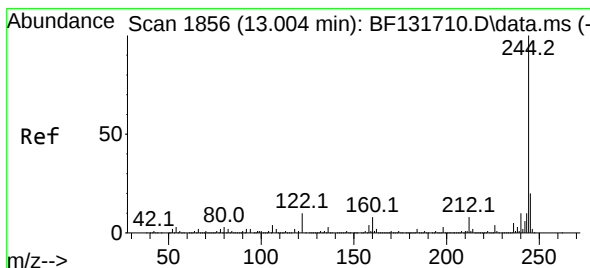
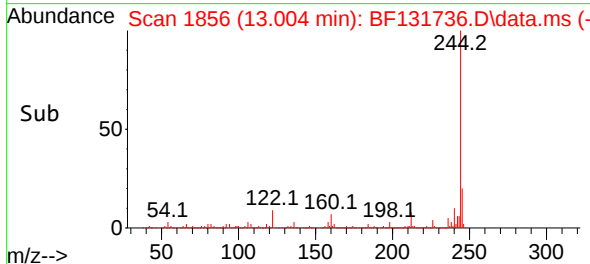
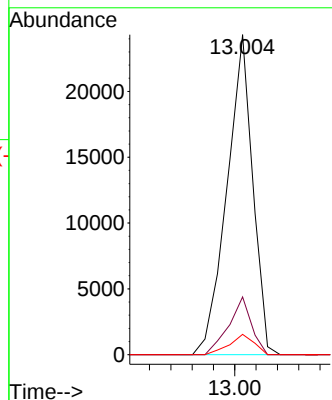
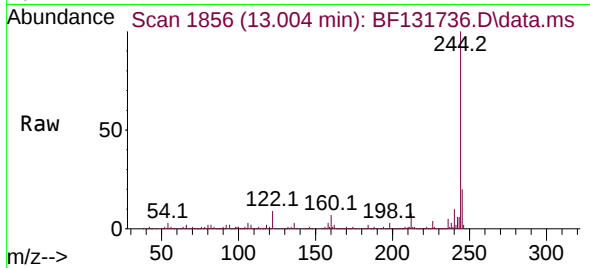




#77
Benzidine
Concen: 6.101 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.247 min
Lab File: BF131736.D
Acq: 21 Dec 2022 03:25

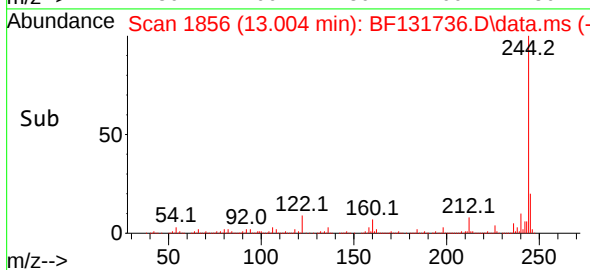
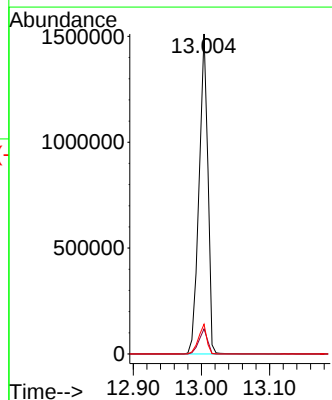
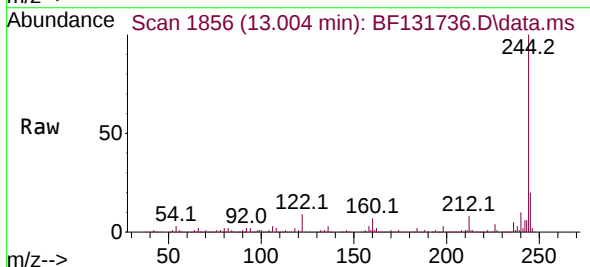
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP2-COMP-02

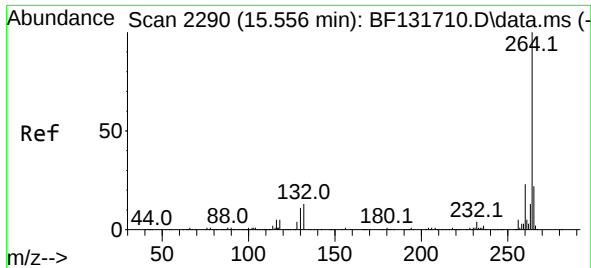
Tgt Ion:184 Resp: 20411
Ion Ratio Lower Upper
184 100
185 18.0 11.3 16.9#
183 6.3 9.3 13.9#



#79
Terphenyl-d14
Concen: 115.524 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BF131736.D
Acq: 21 Dec 2022 03:25

Tgt Ion:244 Resp: 1352411
Ion Ratio Lower Upper
244 100
212 7.8 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: BF131736.D
 Acq: 21 Dec 2022 03:25

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP2-COMP-02

Tgt Ion:264 Resp: 185656
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 22.1 17.4 26.2

