

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131735.D
 Acq On : 21 Dec 2022 02:55
 Operator : CG\JU
 Sample : N6098-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP6-COMP-06

Quant Time: Dec 21 04:52:24 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)

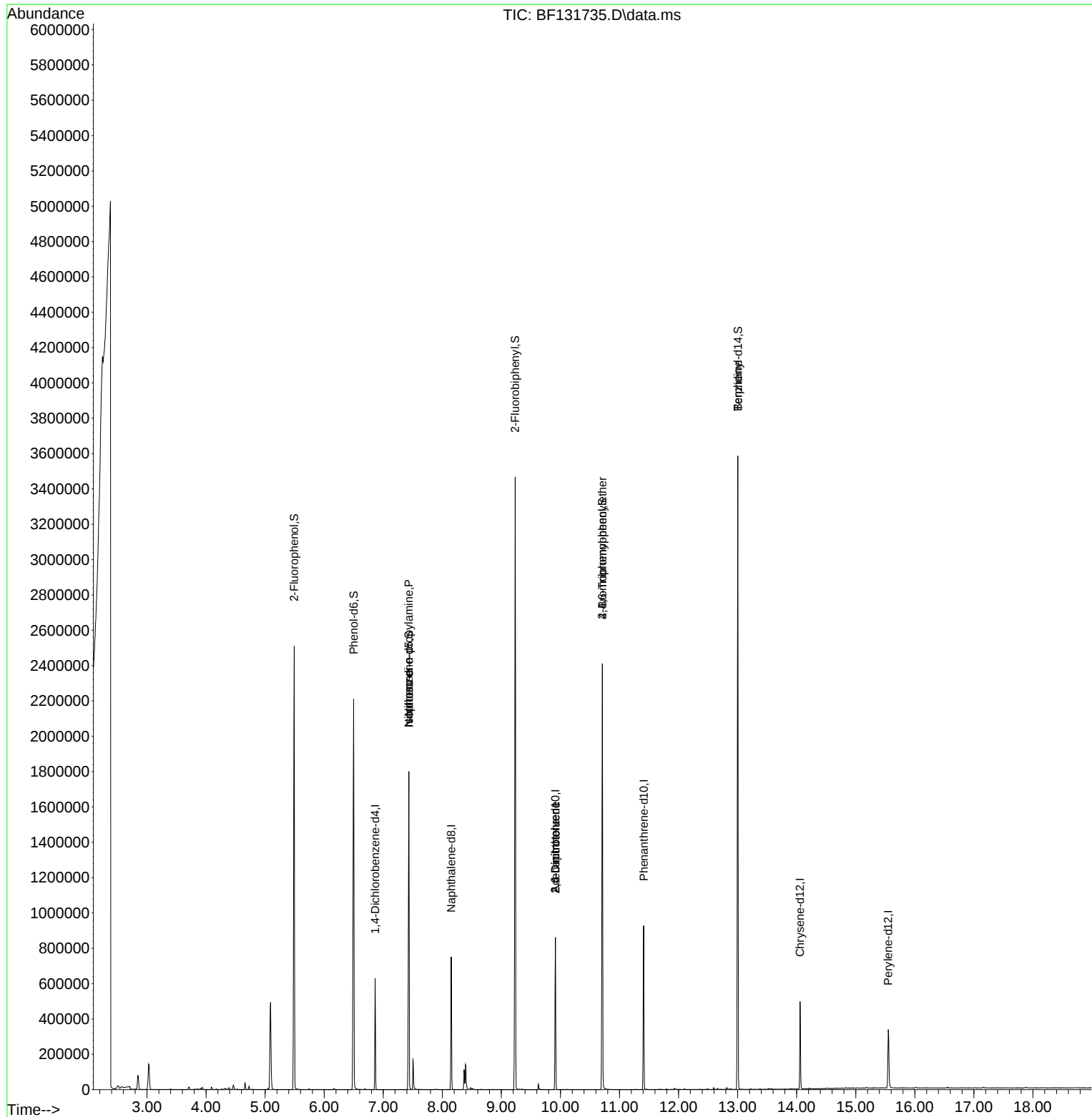
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	76733	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	281197	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	162158	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	320552	20.000	ng	0.00
76) Chrysene-d12	14.057	240	156297	20.000	ng	0.00
86) Perylene-d12	15.551	264	166615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	625887	137.349	ng	0.02
7) Phenol-d6	6.498	99	782273	127.542	ng	0.00
23) Nitrobenzene-d5	7.434	82	600925	86.755	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	264110	148.804	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1067311	92.201	ng	0.00
79) Terphenyl-d14	13.004	244	1139526	113.629	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1367	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.434	70	83380	18.849	ng	# 79
25) Isophorone	7.434	82	599990	51.005	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	21141	8.058	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	21141	5.997	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	17898	4.727	ng	# 1
77) Benizidine	13.004	184	17138	5.980	ng	# 91

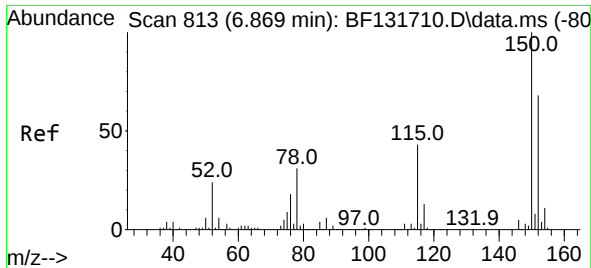
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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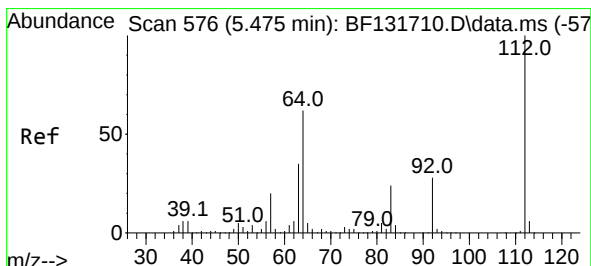
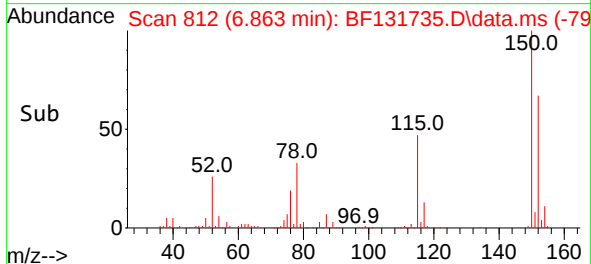
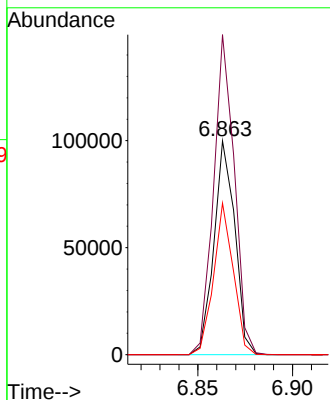
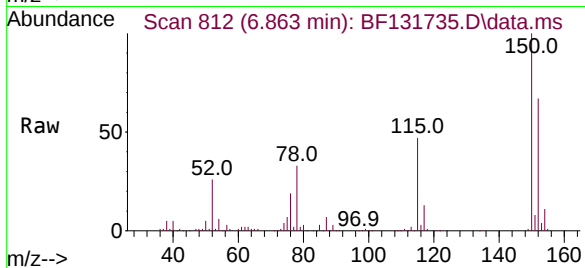




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

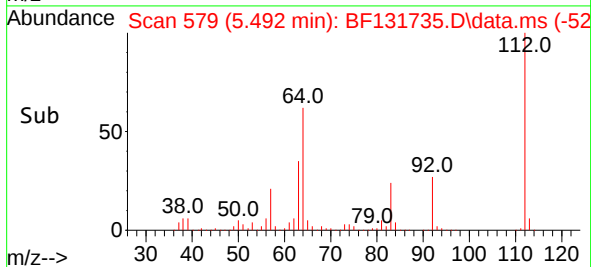
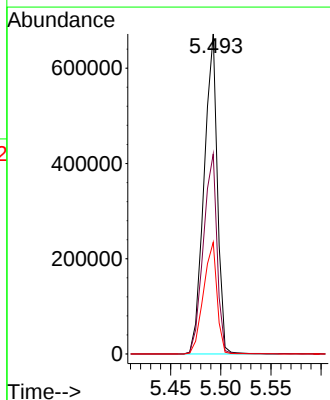
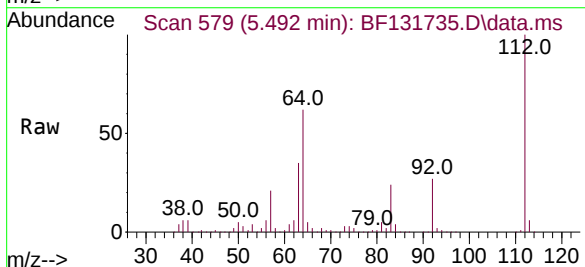
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06

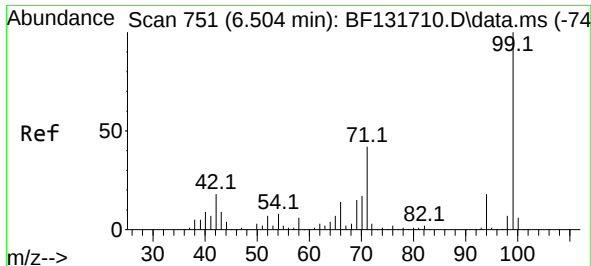
Tgt Ion:152 Resp: 76733
Ion Ratio Lower Upper
152 100
150 149.6 117.4 176.0
115 70.9 50.2 75.4



#5
2-Fluorophenol
Concen: 137.349 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

Tgt Ion:112 Resp: 625887
Ion Ratio Lower Upper
112 100
64 62.5 49.5 74.3
63 34.9 28.2 42.2

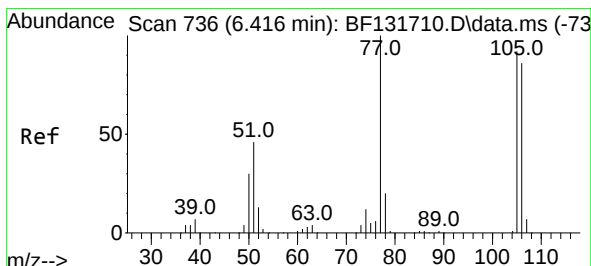
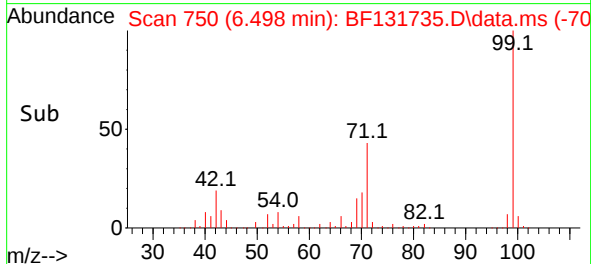
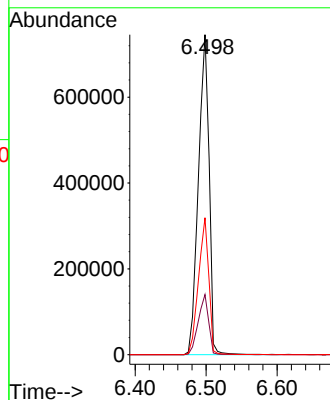
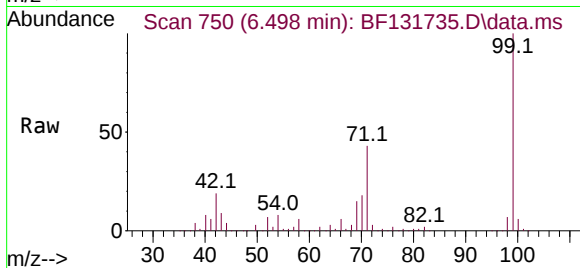




#7
Phenol-d6
Concen: 127.542 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

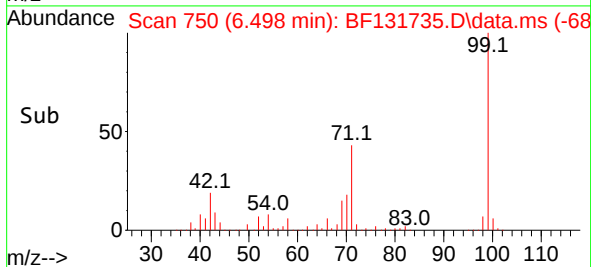
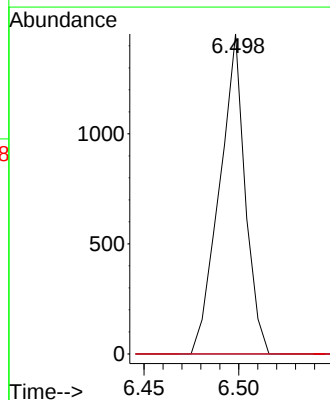
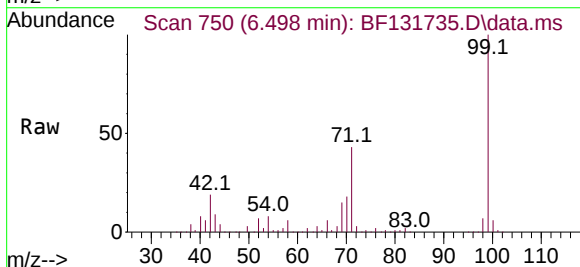
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06

Tgt Ion: 99 Resp: 782273
Ion Ratio Lower Upper
99 100
42 18.8 14.8 22.2
71 42.8 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.082 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

Tgt Ion: 77 Resp: 1367
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

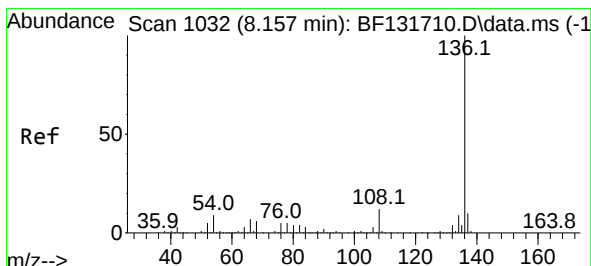
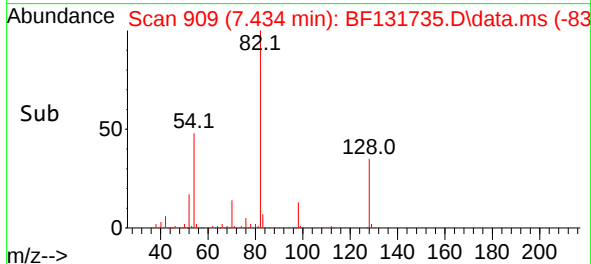
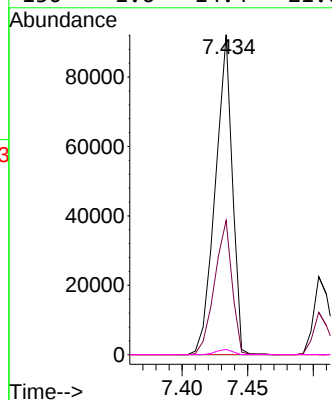
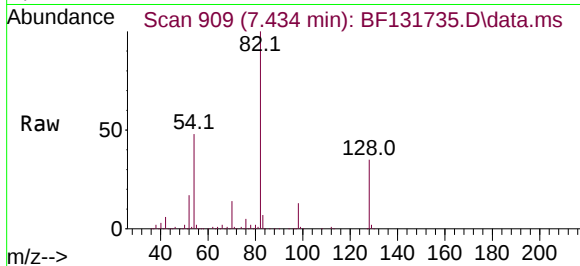




#19
n-Nitroso-di-n-propylamine
Concen: 18.849 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

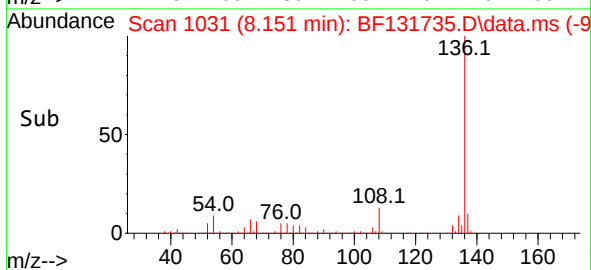
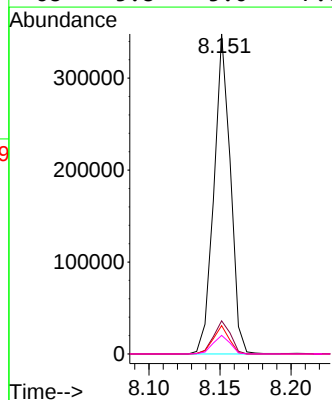
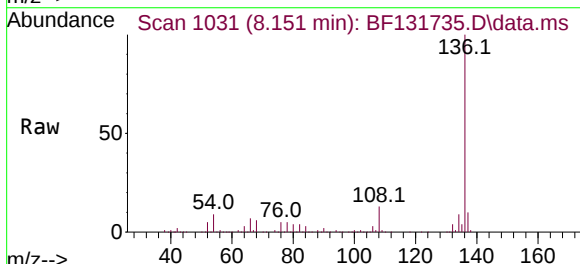
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06

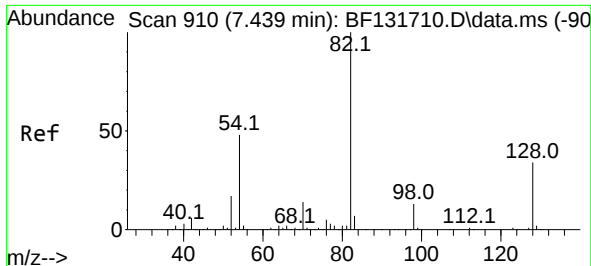
Tgt Ion:	70	Resp:	83380
Ion	Ratio	Lower	Upper
70	100		
42	41.9	41.5	62.3
101	0.0	7.3	10.9#
130	1.6	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

Tgt Ion:	136	Resp:	281197
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.4	12.6
54	8.9	7.2	10.8
68	5.8	5.0	7.6

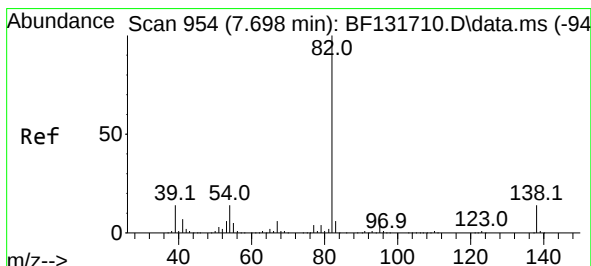
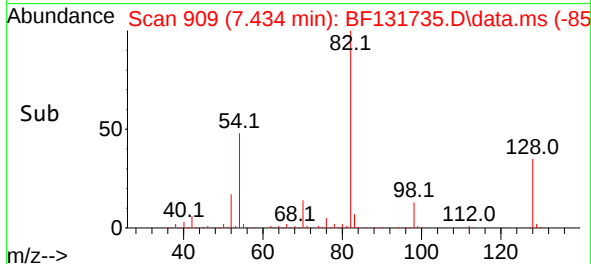
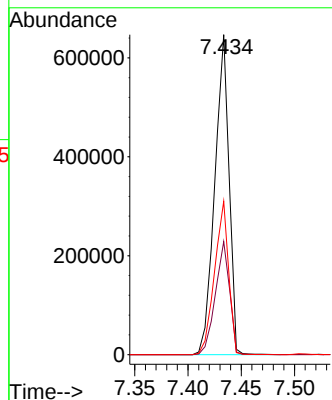
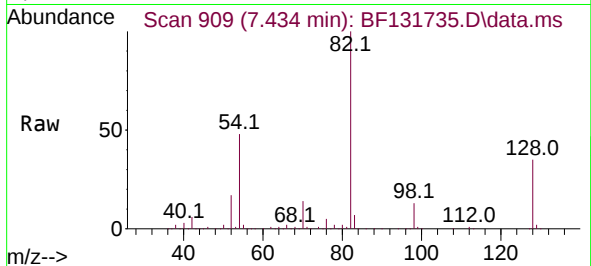




#23
Nitrobenzene-d5
Concen: 86.755 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

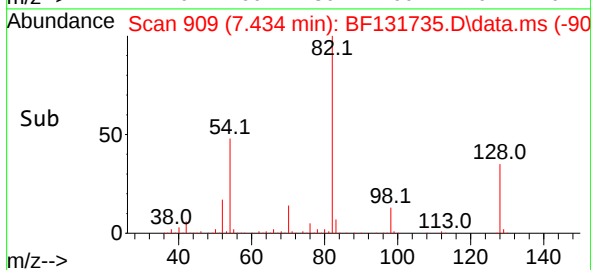
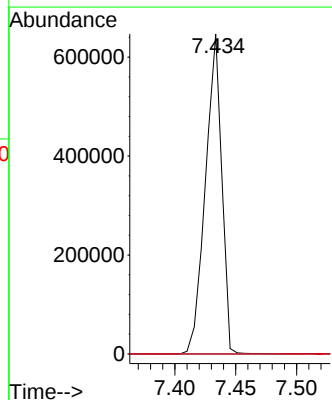
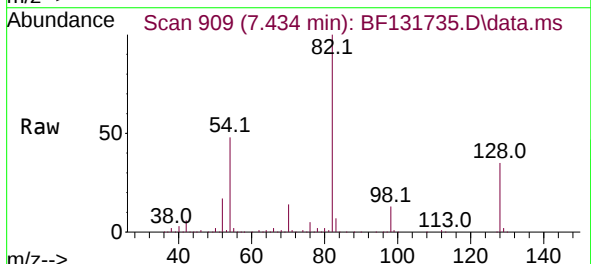
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06

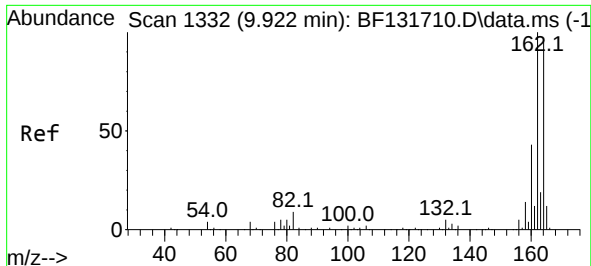
Tgt Ion: 82 Resp: 600925
Ion Ratio Lower Upper
82 100
128 35.4 27.3 40.9
54 48.0 38.2 57.2



#25
Isophorone
Concen: 51.005 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

Tgt Ion: 82 Resp: 599990
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: BF131735.D

Acq: 21 Dec 2022 02:55

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP6-COMP-06

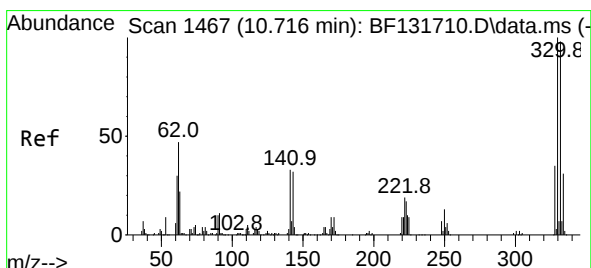
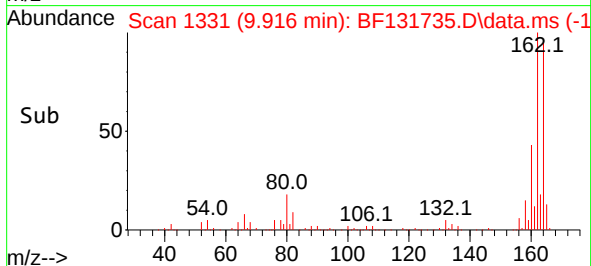
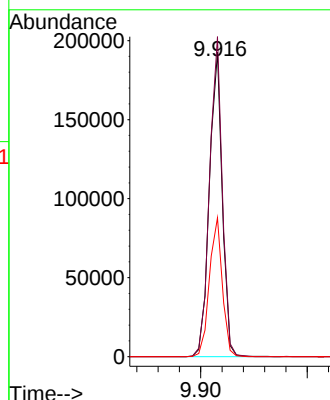
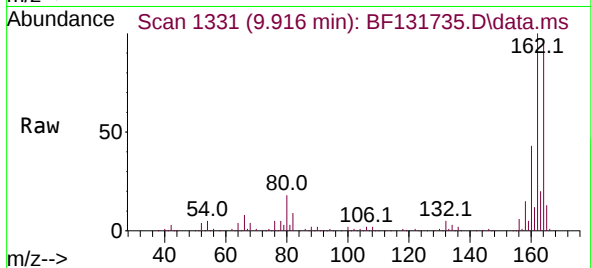
Tgt Ion:164 Resp: 162158

Ion Ratio Lower Upper

164 100

162 105.1 83.7 125.5

160 45.6 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 148.804 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF131735.D

Acq: 21 Dec 2022 02:55

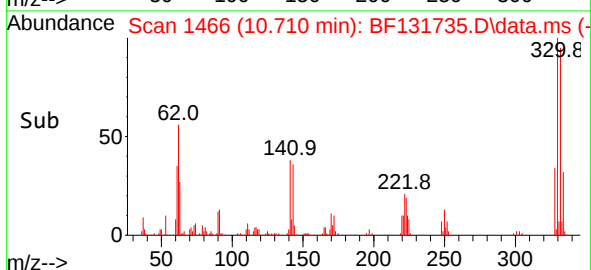
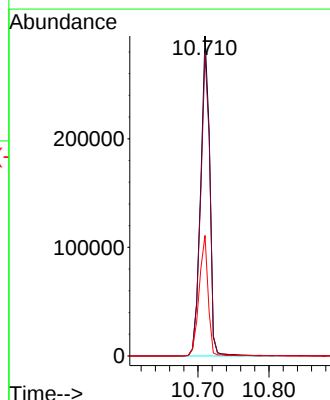
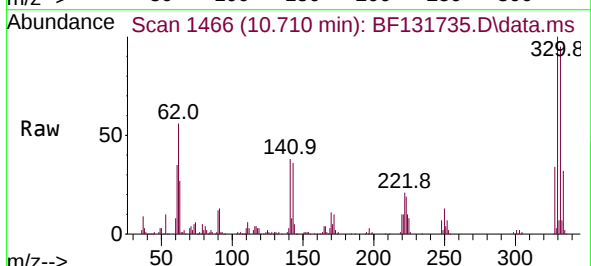
Tgt Ion:330 Resp: 264110

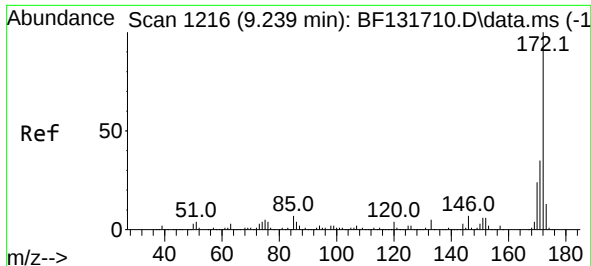
Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 37.0 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 92.201 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131735.D

Acq: 21 Dec 2022 02:55

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP6-COMP-06

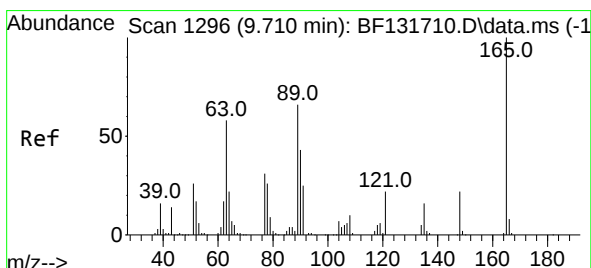
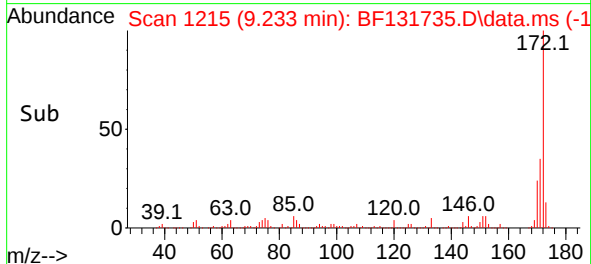
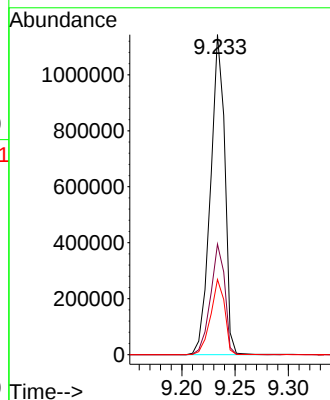
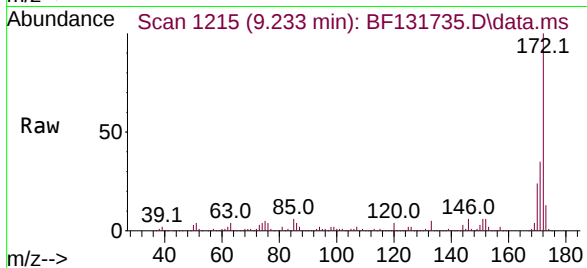
Tgt Ion:172 Resp: 1067311

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 23.5 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 8.058 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131735.D

Acq: 21 Dec 2022 02:55

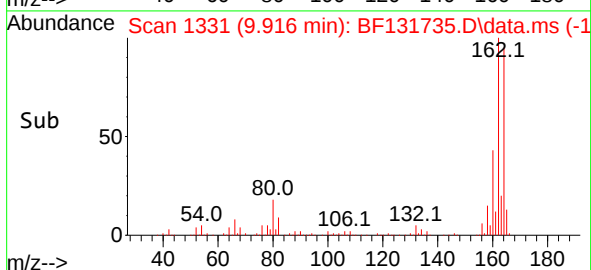
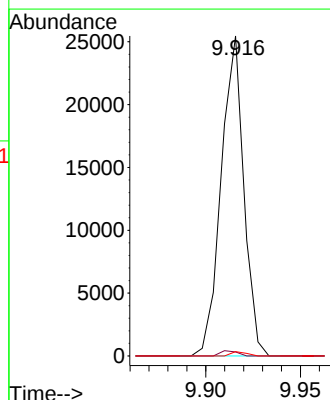
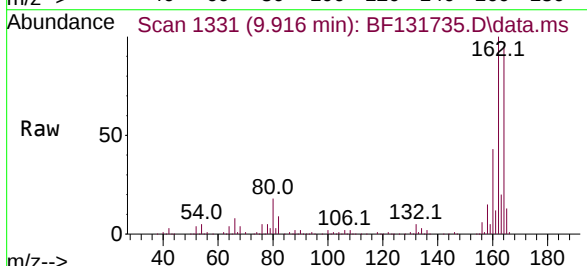
Tgt Ion:165 Resp: 21141

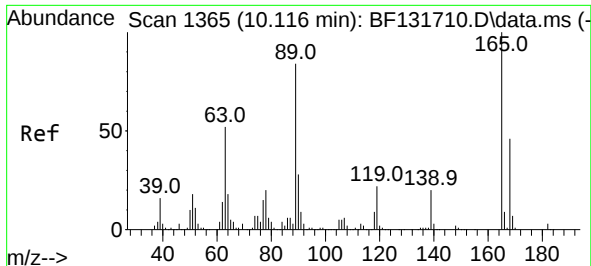
Ion Ratio Lower Upper

165 100

63 1.2 51.8 77.8#

89 1.4 53.2 79.8#

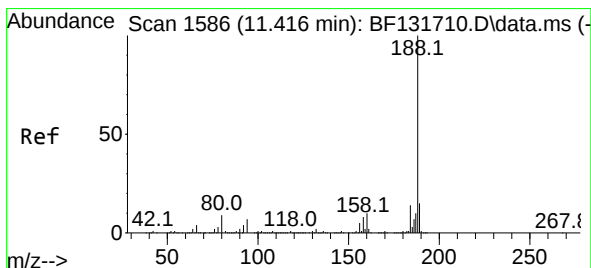
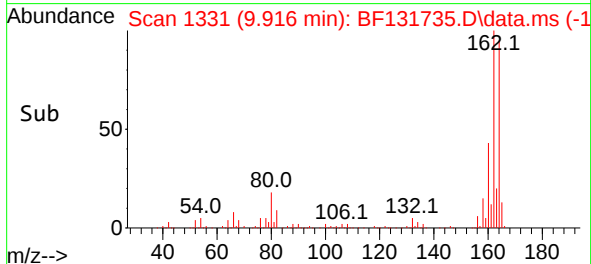
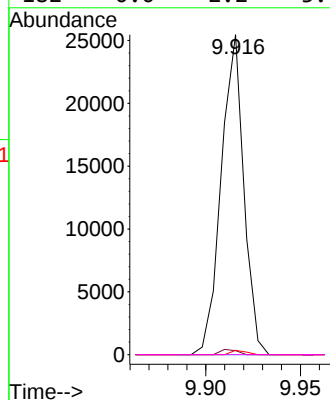
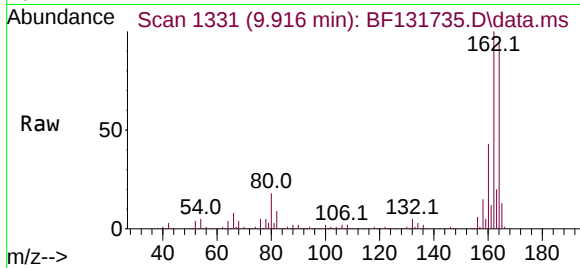




#57
2,4-Dinitrotoluene
Concen: 5.997 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

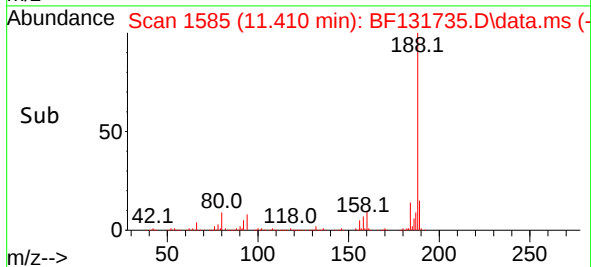
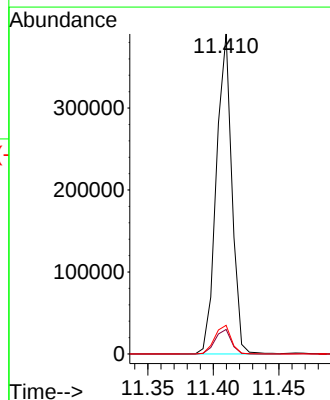
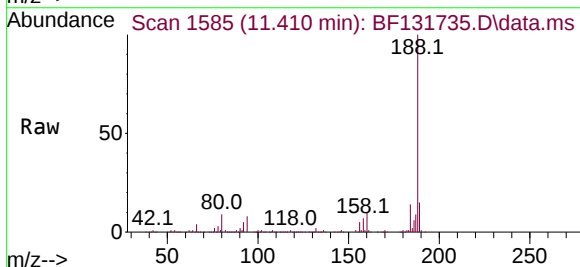
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06

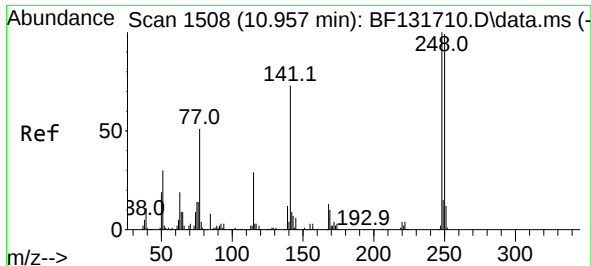
Tgt Ion:165 Resp: 21141
Ion Ratio Lower Upper
165 100
63 1.2 41.5 62.3#
89 1.4 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

Tgt Ion:188 Resp: 320552
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 8.9 7.0 10.6

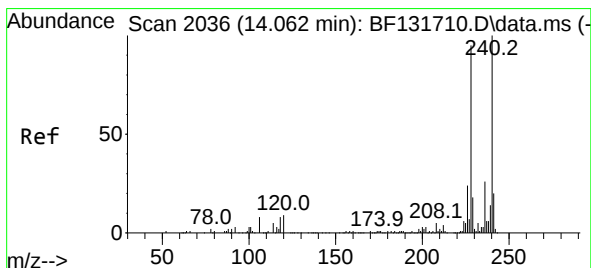
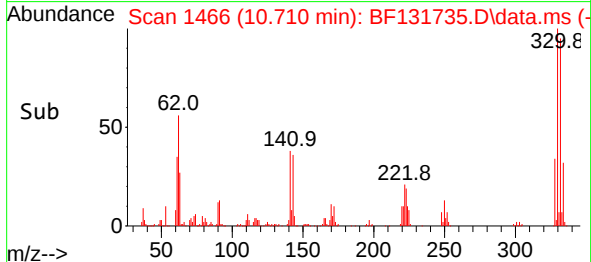
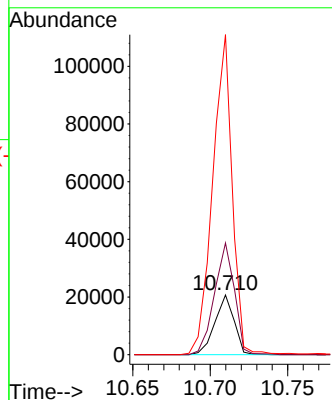
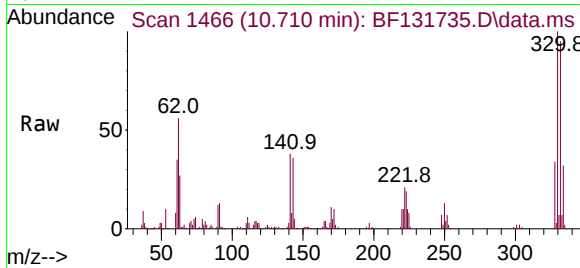




#67
4-Bromophenyl-phenylether
Concen: 4.727 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

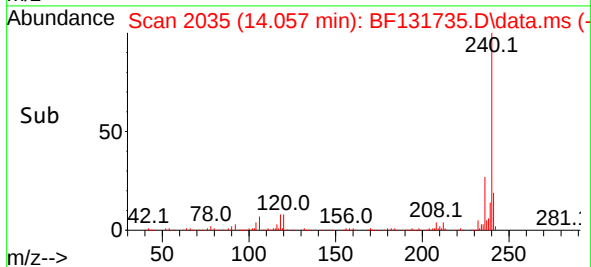
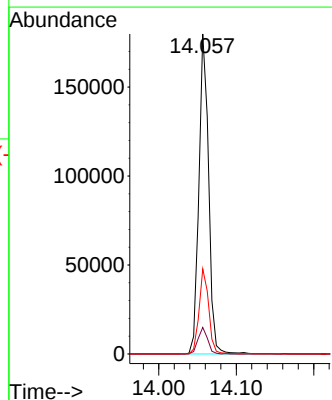
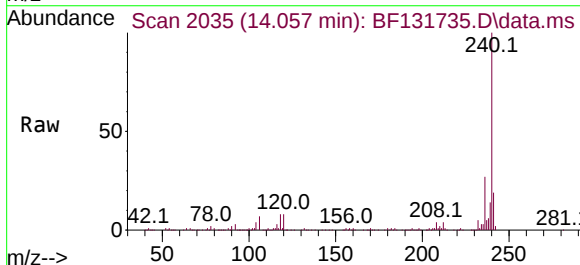
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06

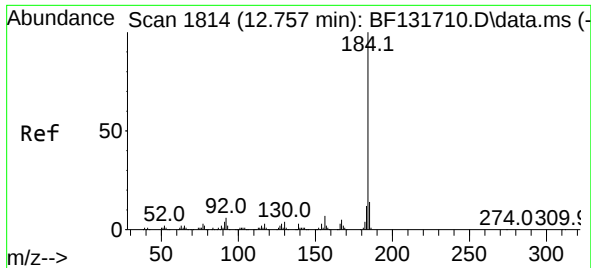
Tgt Ion:248 Resp: 17898
Ion Ratio Lower Upper
248 100
250 187.0 79.4 119.0#
141 535.8 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

Tgt Ion:240 Resp: 156297
Ion Ratio Lower Upper
240 100
120 8.3 7.6 11.4
236 26.6 21.2 31.8

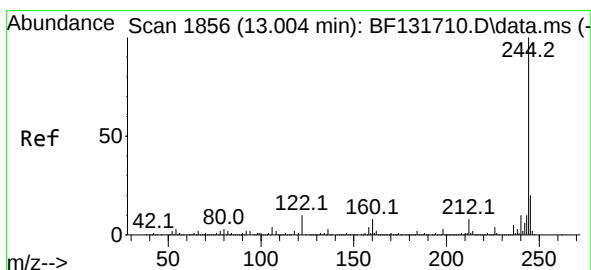
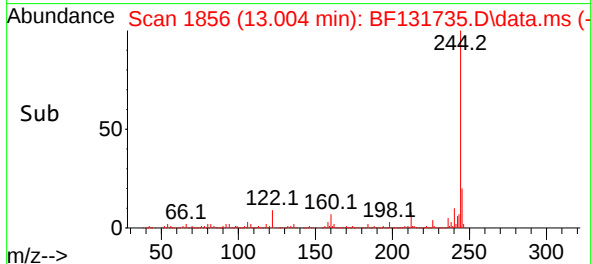
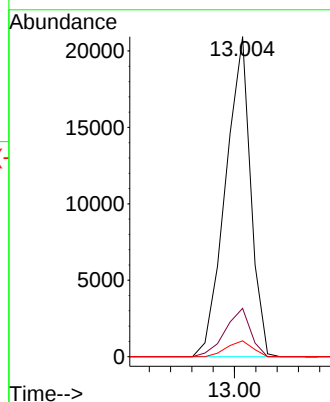
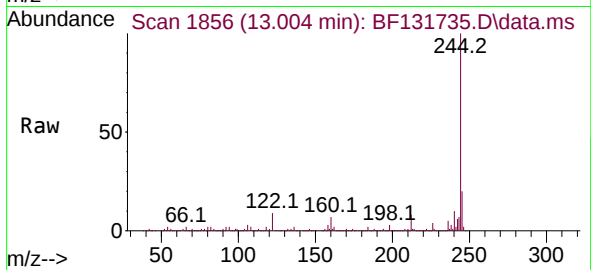




#77
Benzidine
Concen: 5.980 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.247 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

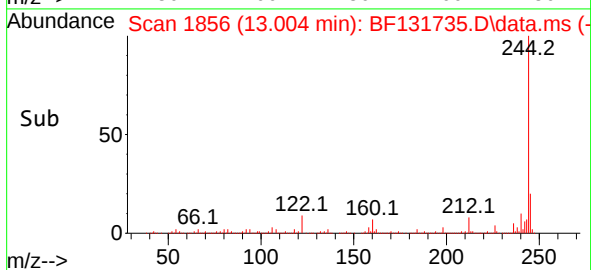
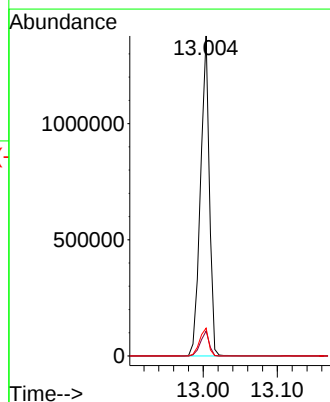
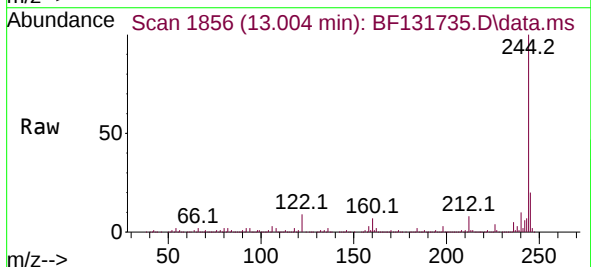
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06

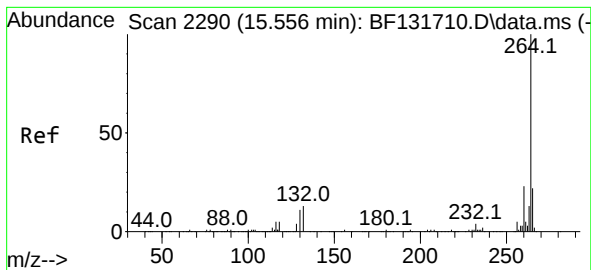
Tgt Ion:184 Resp: 17138
Ion Ratio Lower Upper
184 100
185 15.1 11.3 16.9
183 5.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 113.629 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF131735.D
Acq: 21 Dec 2022 02:55

Tgt Ion:244 Resp: 1139526
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 8.7 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: BF131735.D

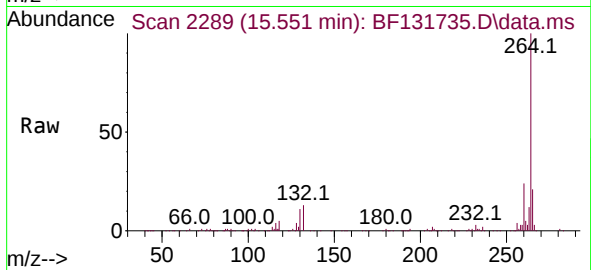
Acq: 21 Dec 2022 02:55

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP6-COMP-06



Tgt Ion:264 Resp: 166615

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 20.8 17.4 26.2

