

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131720.D
 Acq On : 20 Dec 2022 19:03
 Operator : CG\JU
 Sample : N6071-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP7-COMP-07

Quant Time: Dec 21 04:46:50 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)

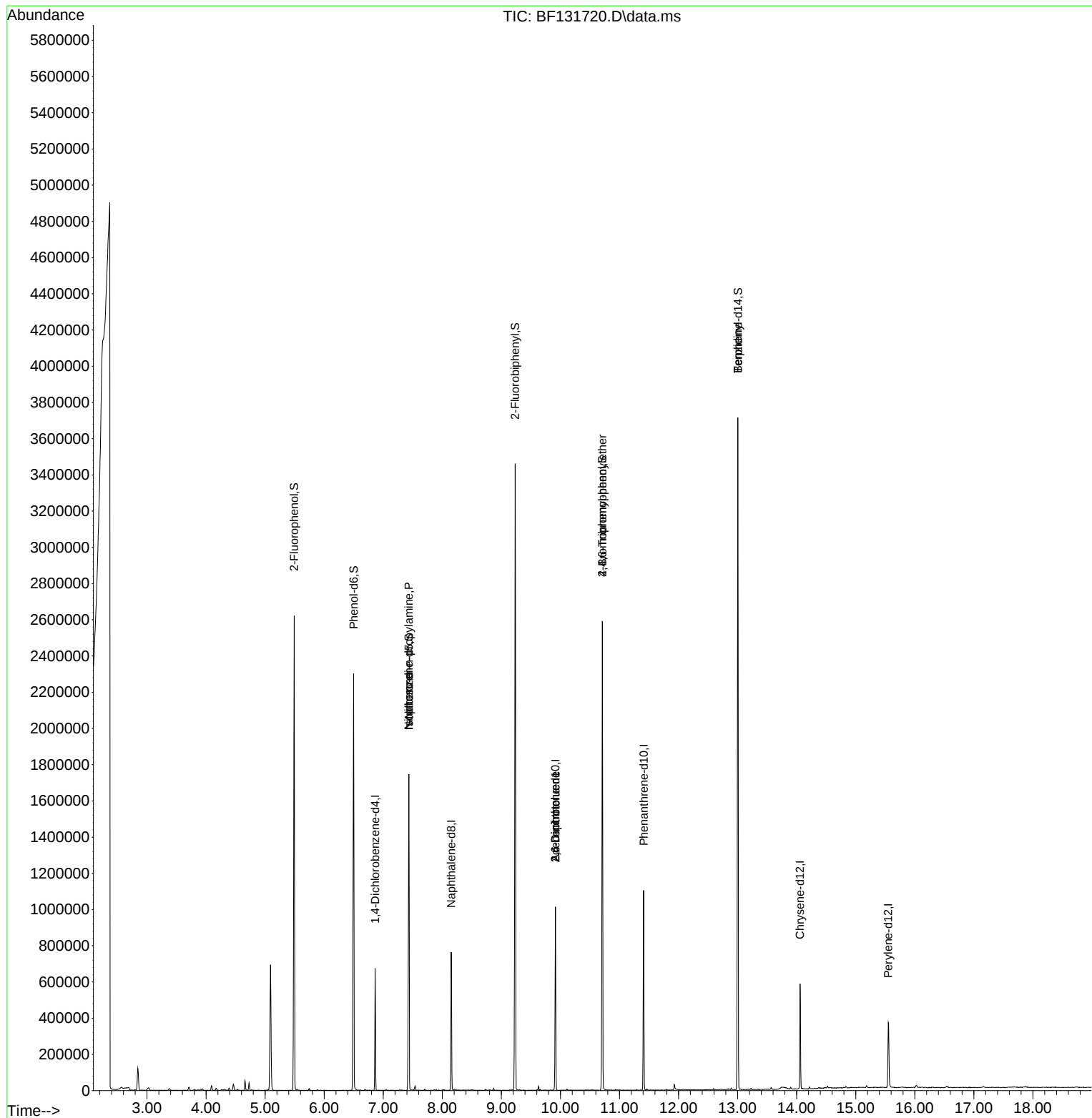
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	87043	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	312982	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	186632	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	368927	20.000	ng	0.00
76) Chrysene-d12	14.057	240	186729	20.000	ng	0.00
86) Perylene-d12	15.551	264	175799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	637606	123.348	ng	0.02
7) Phenol-d6	6.498	99	770921	110.803	ng	0.00
23) Nitrobenzene-d5	7.434	82	627432	81.383	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	283590	138.827	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1090414	81.844	ng	0.00
79) Terphenyl-d14	13.004	244	1312787	109.571	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.416	77	120	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.434	70	87059	17.350	ng	# 81
25) Isophorone	7.434	82	625828	47.799	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	24519	8.120	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	24519	6.043	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	19324	4.435	ng	# 1
77) Benzidine	13.004	184	19241	5.619	ng	# 94

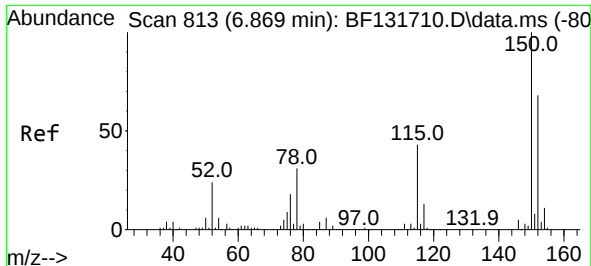
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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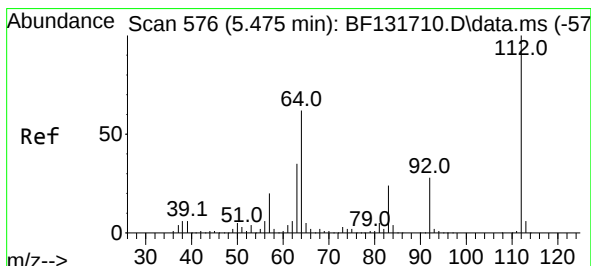
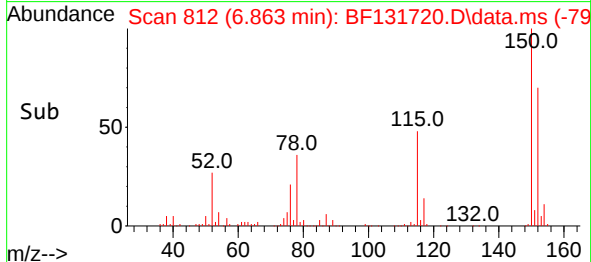
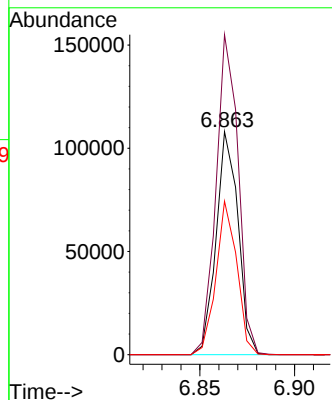
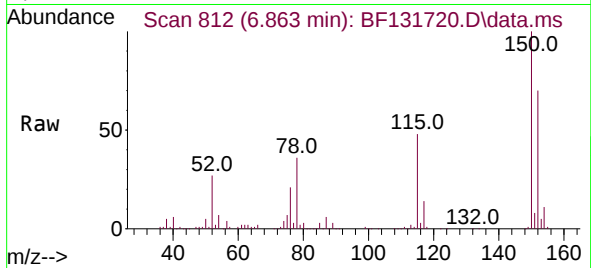




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131720.D
Acq: 20 Dec 2022 19:03

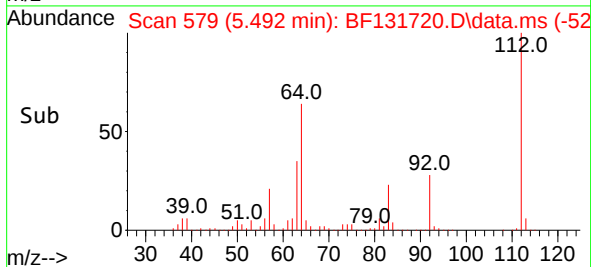
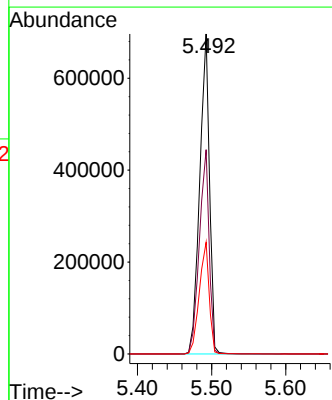
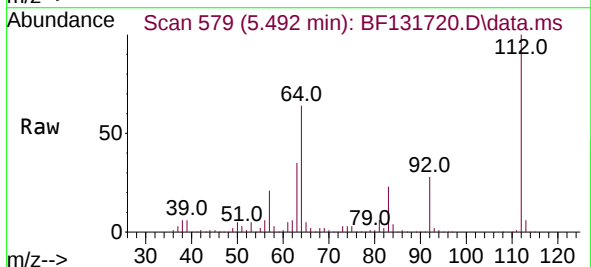
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP7-COMP-07

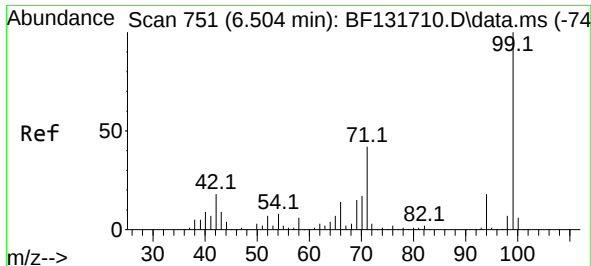
Tgt Ion:152 Resp: 87043
Ion Ratio Lower Upper
152 100
150 143.4 117.4 176.0
115 68.8 50.2 75.4



#5
2-Fluorophenol
Concen: 123.348 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131720.D
Acq: 20 Dec 2022 19:03

Tgt Ion:112 Resp: 637606
Ion Ratio Lower Upper
112 100
64 63.9 49.5 74.3
63 34.9 28.2 42.2

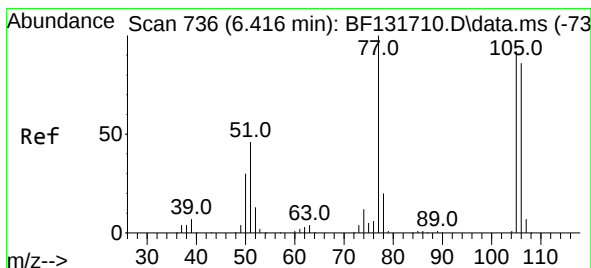
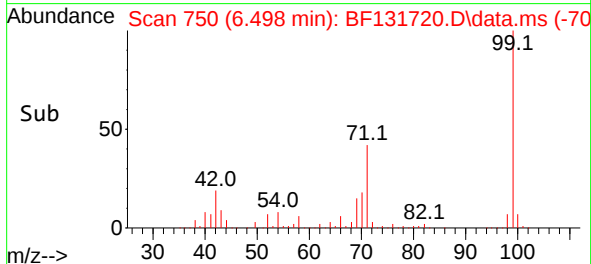
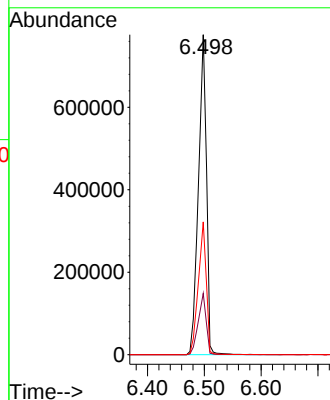
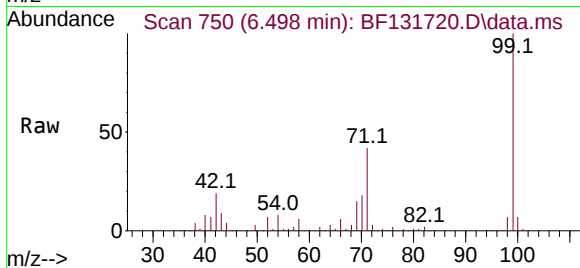




#7
Phenol-d6
Concen: 110.803 ng
RT: 6.498 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131720.D
Acq: 20 Dec 2022 19:03

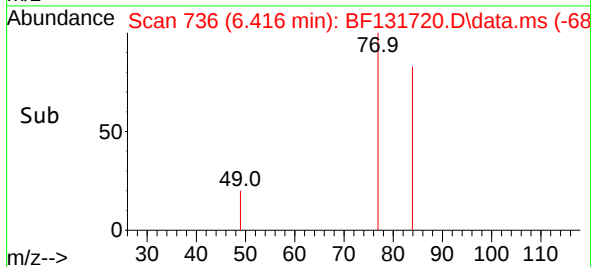
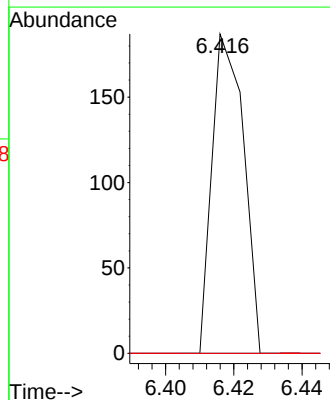
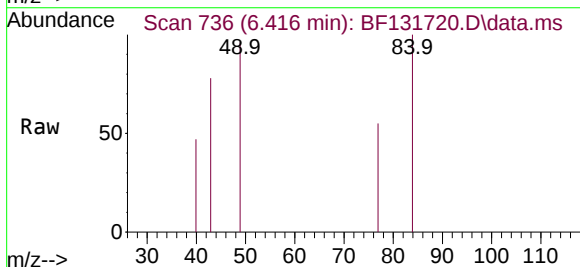
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP7-COMP-07

Tgt Ion: 99 Resp: 770921
Ion Ratio Lower Upper
99 100
42 19.1 14.8 22.2
71 41.5 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF131720.D
Acq: 20 Dec 2022 19:03

Tgt Ion: 77 Resp: 120
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

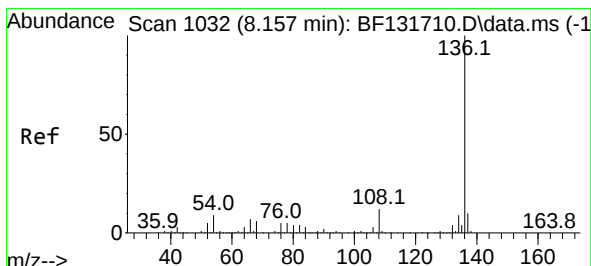
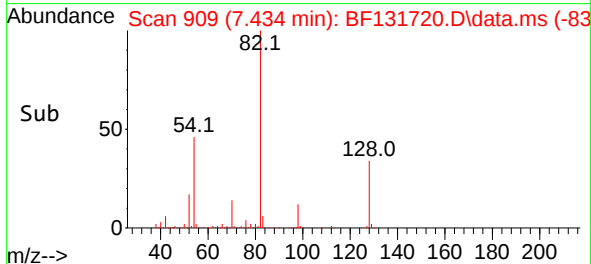
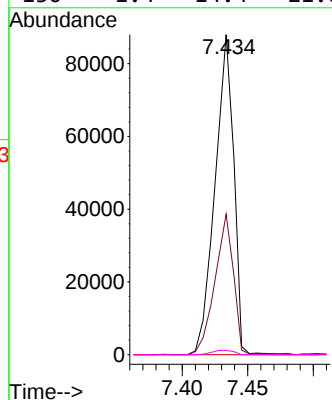
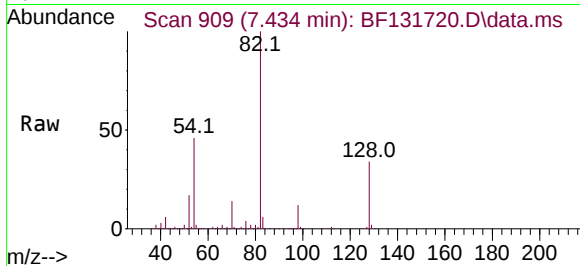




#19
n-Nitroso-di-n-propylamine
Concen: 17.350 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131720.D
Acq: 20 Dec 2022 19:03

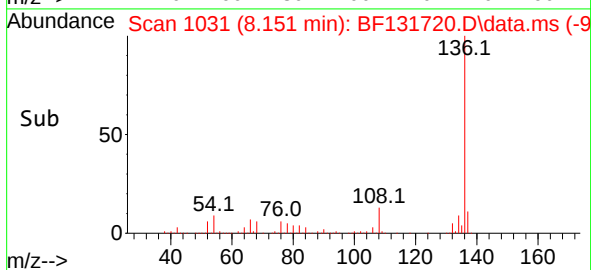
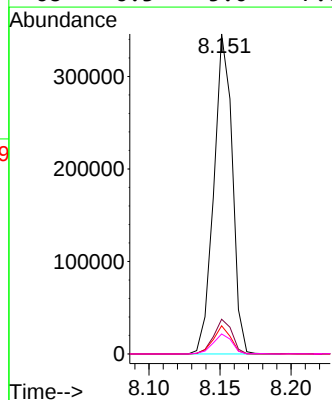
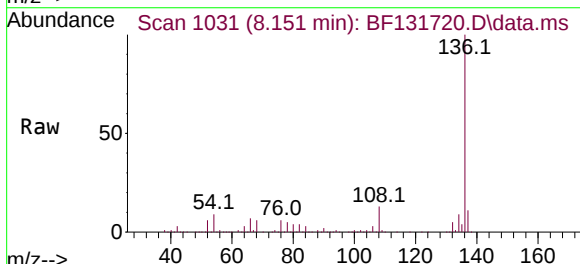
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP7-COMP-07

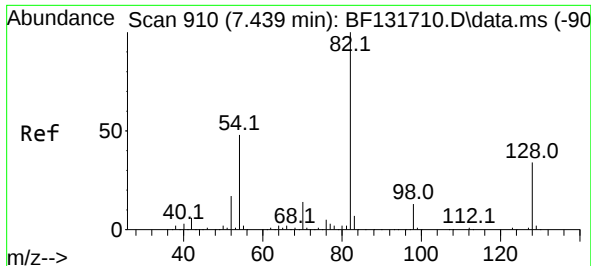
Tgt Ion:	70	Resp:	87059
Ion	Ratio	Lower	Upper
70	100		
42	43.9	41.5	62.3
101	0.0	7.3	10.9#
130	1.4	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131720.D
Acq: 20 Dec 2022 19:03

Tgt Ion:	136	Resp:	312982
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: 81.383 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131720.D

Acq: 20 Dec 2022 19:03

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP7-COMP-07

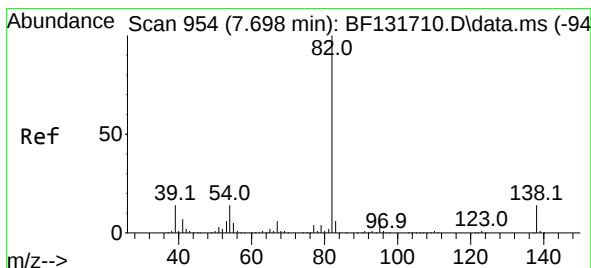
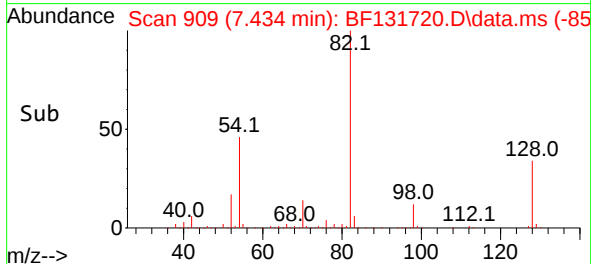
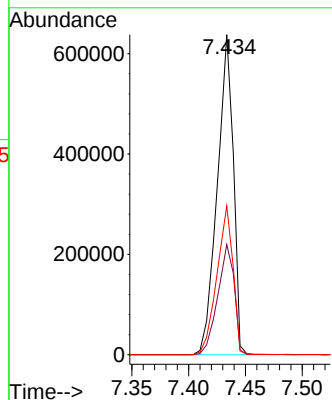
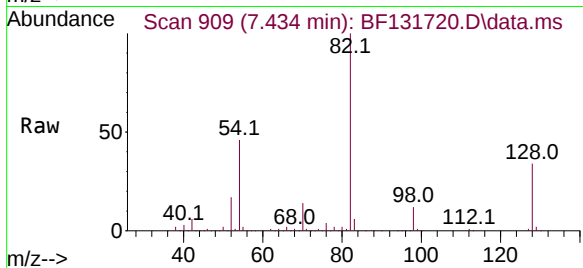
Tgt Ion: 82 Resp: 627432

Ion Ratio Lower Upper

82 100

128 34.4 27.3 40.9

54 46.5 38.2 57.2



#25

Isophorone

Concen: 47.799 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF131720.D

Acq: 20 Dec 2022 19:03

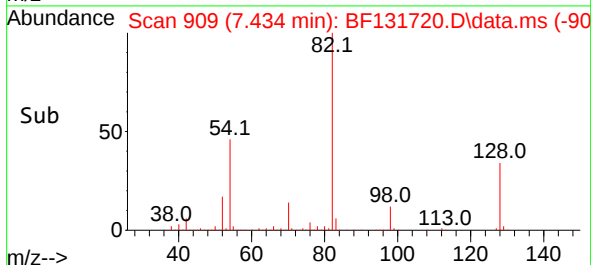
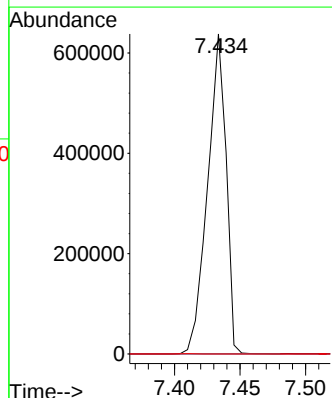
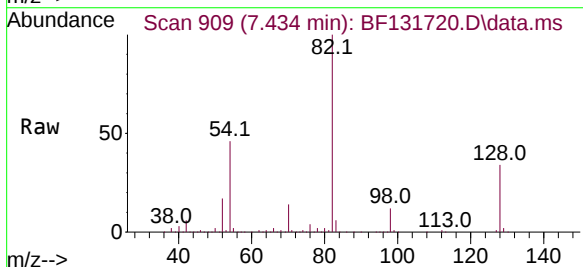
Tgt Ion: 82 Resp: 625828

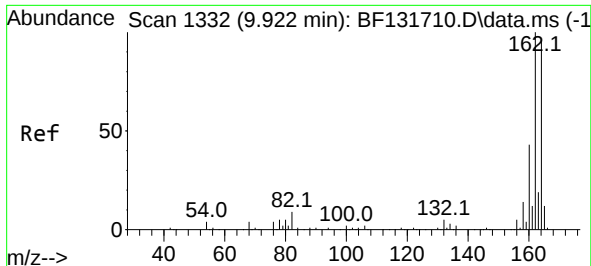
Ion Ratio Lower Upper

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: BF131720.D

Acq: 20 Dec 2022 19:03

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP7-COMP-07

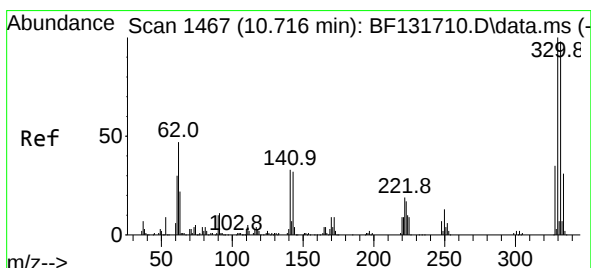
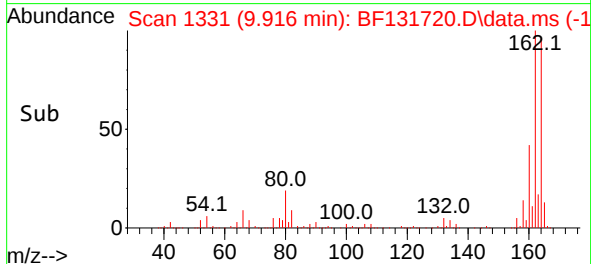
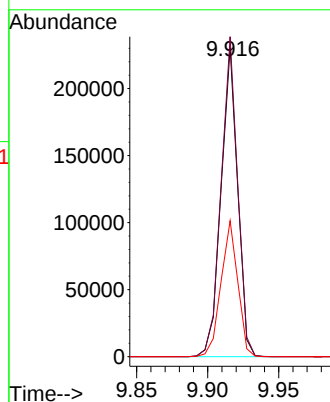
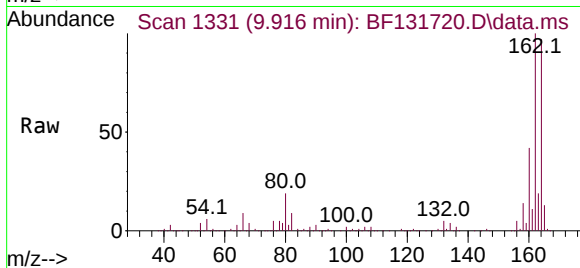
Tgt Ion:164 Resp: 186632

Ion Ratio Lower Upper

164 100

162 103.5 83.7 125.5

160 44.0 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 138.827 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF131720.D

Acq: 20 Dec 2022 19:03

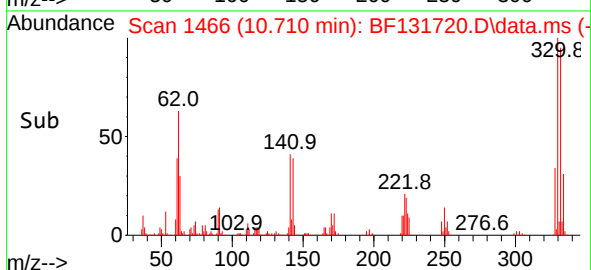
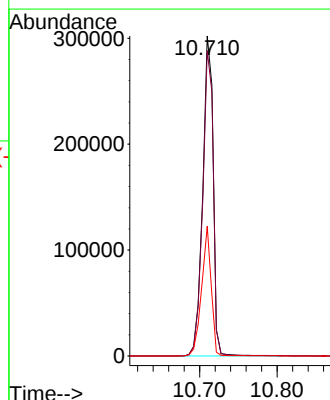
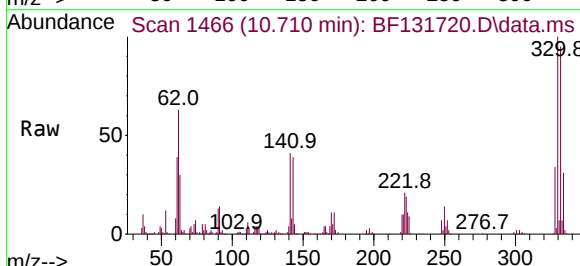
Tgt Ion:330 Resp: 283590

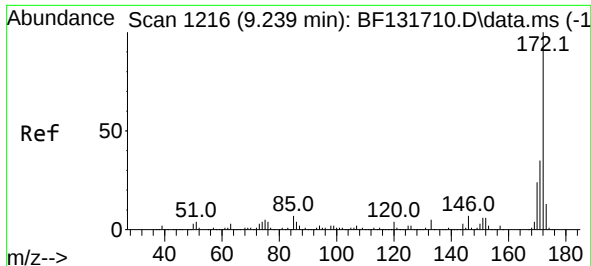
Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 37.4 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 81.844 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131720.D

Acq: 20 Dec 2022 19:03

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP7-COMP-07

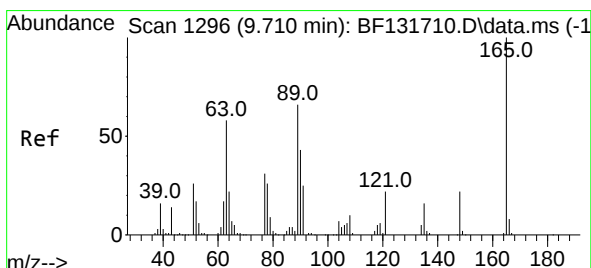
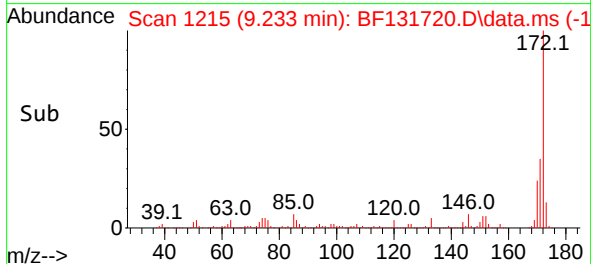
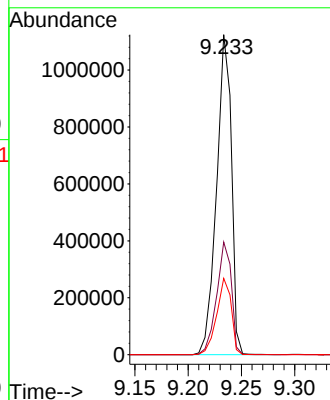
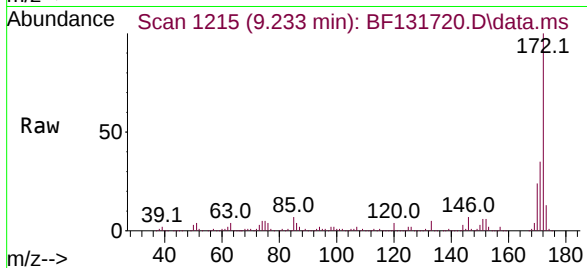
Tgt Ion:172 Resp: 1090414

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.9 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 8.120 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131720.D

Acq: 20 Dec 2022 19:03

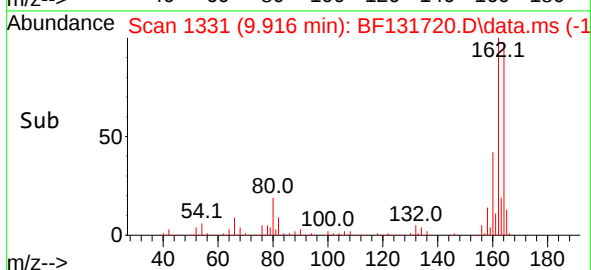
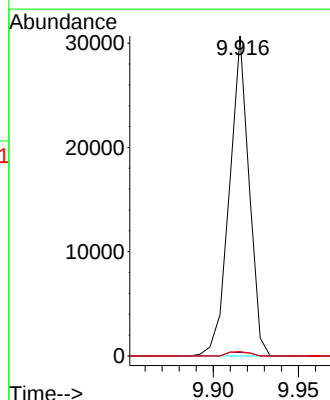
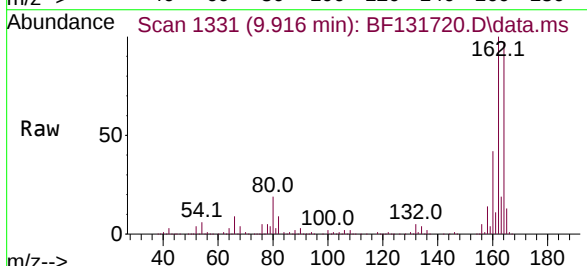
Tgt Ion:165 Resp: 24519

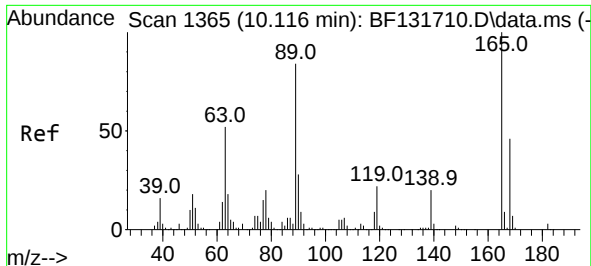
Ion Ratio Lower Upper

165 100

63 1.0 51.8 77.8#

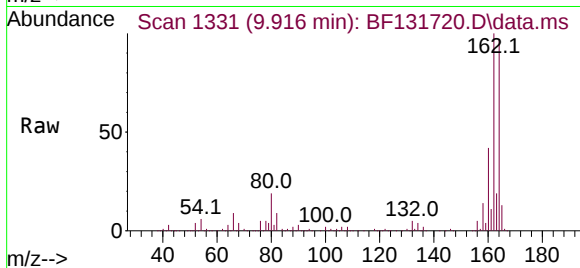
89 1.4 53.2 79.8#



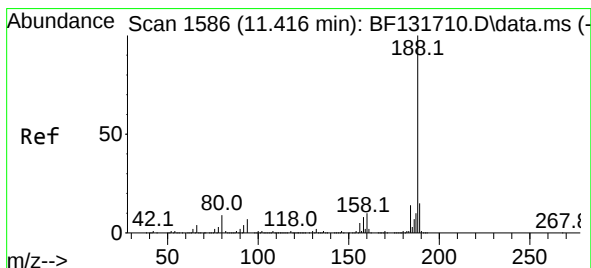
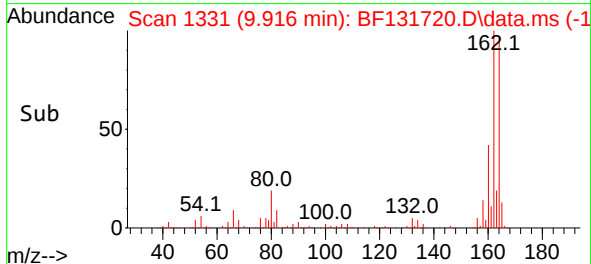
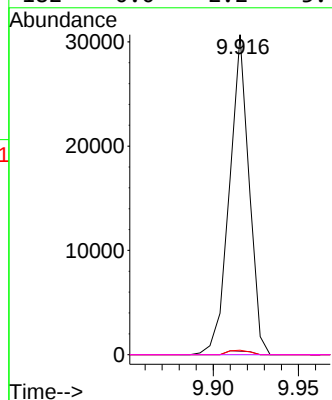


#57
2,4-Dinitrotoluene
Concen: 6.043 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131720.D
Acq: 20 Dec 2022 19:03

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP7-COMP-07

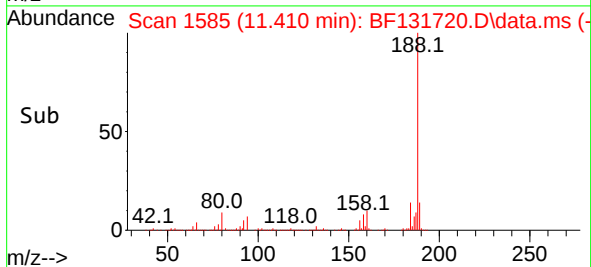
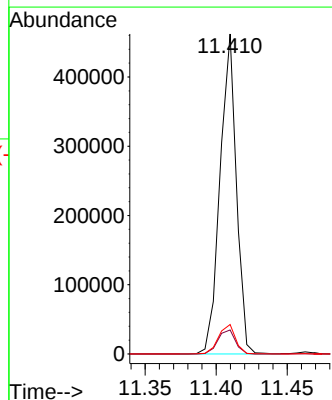
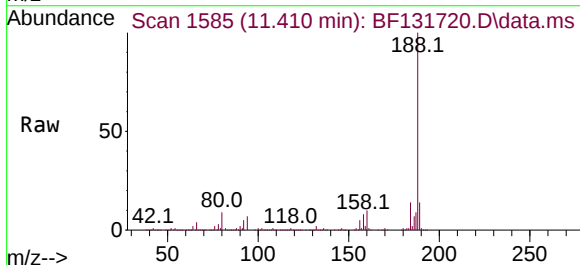


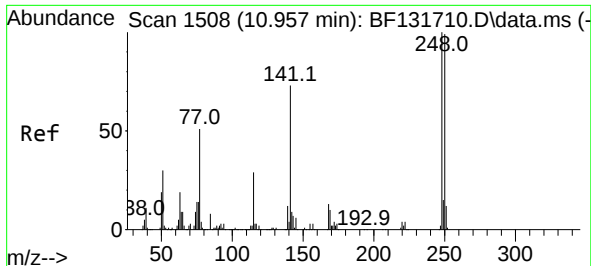
Tgt Ion:165 Resp: 24519
Ion Ratio Lower Upper
165 100
63 1.0 41.5 62.3#
89 1.4 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131720.D
Acq: 20 Dec 2022 19:03

Tgt Ion:188 Resp: 368927
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 9.2 7.0 10.6

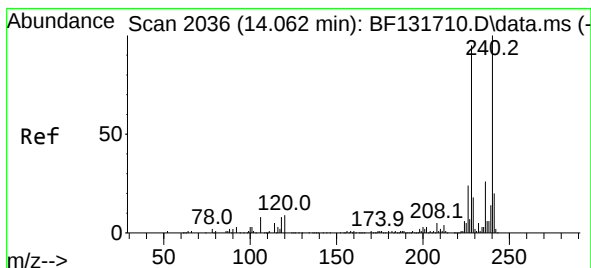
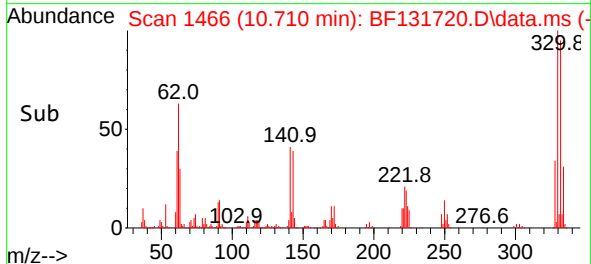
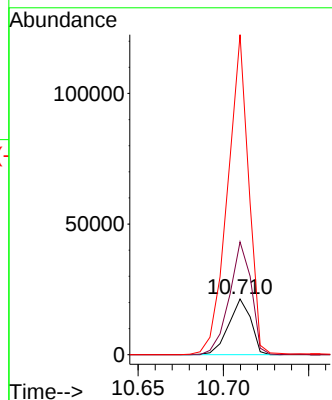
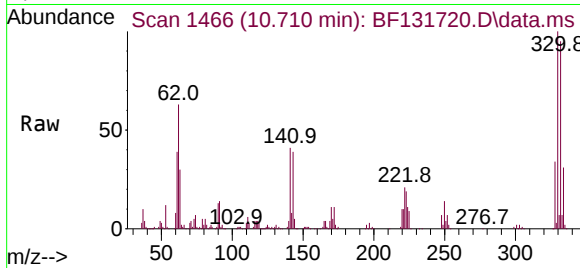




#67
4-Bromophenyl-phenylether
Concen: 4.435 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131720.D
Acq: 20 Dec 2022 19:03

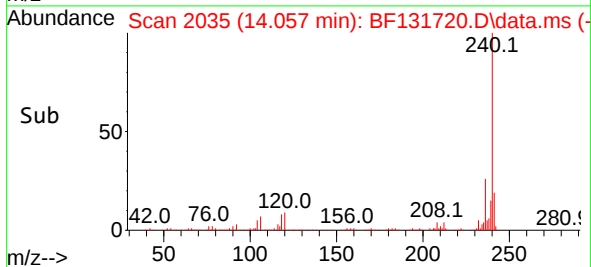
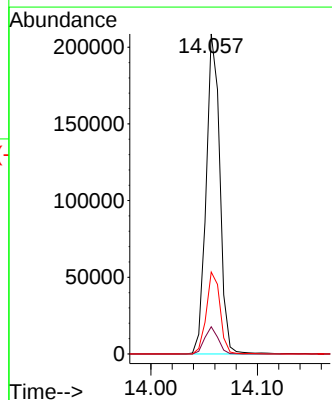
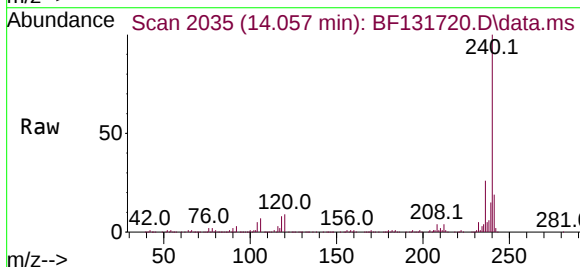
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP7-COMP-07

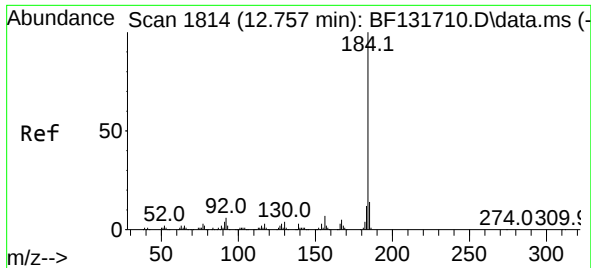
Tgt Ion:248 Resp: 19324
Ion Ratio Lower Upper
248 100
250 202.7 79.4 119.0#
141 575.0 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131720.D
Acq: 20 Dec 2022 19:03

Tgt Ion:240 Resp: 186729
Ion Ratio Lower Upper
240 100
120 8.5 7.6 11.4
236 25.6 21.2 31.8

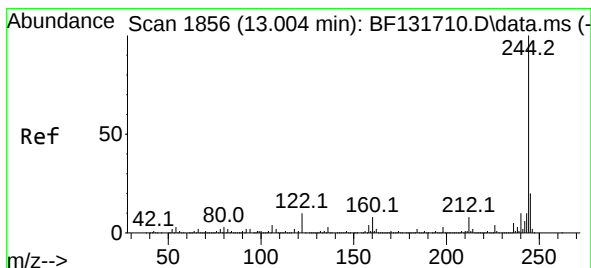
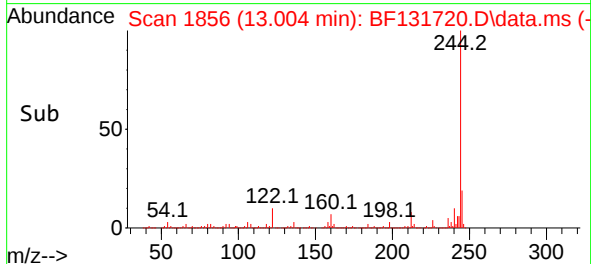
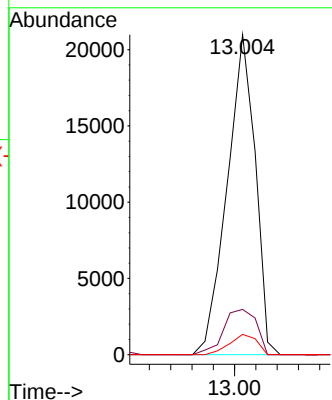
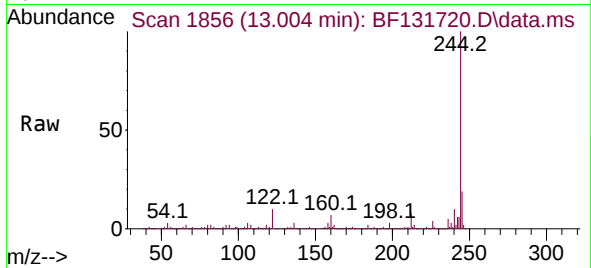




#77
Benzidine
Concen: 5.619 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.247 min
Lab File: BF131720.D
Acq: 20 Dec 2022 19:03

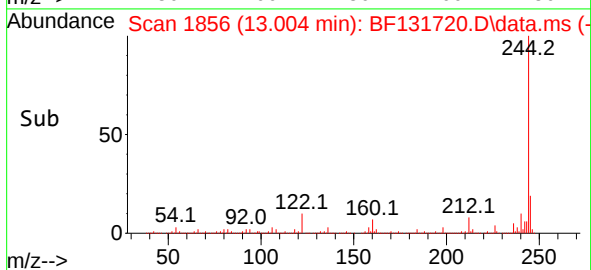
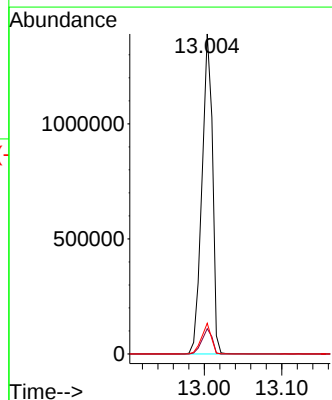
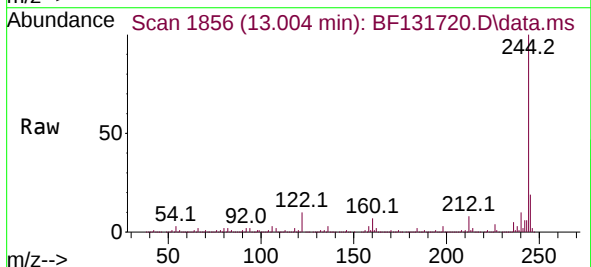
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP7-COMP-07

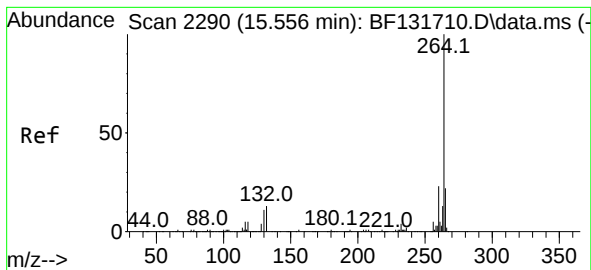
Tgt Ion:184 Resp: 19241
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 6.4 9.3 13.9#



#79
Terphenyl-d14
Concen: 109.571 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF131720.D
Acq: 20 Dec 2022 19:03

Tgt Ion:244 Resp: 1312787
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.6 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: BF131720.D

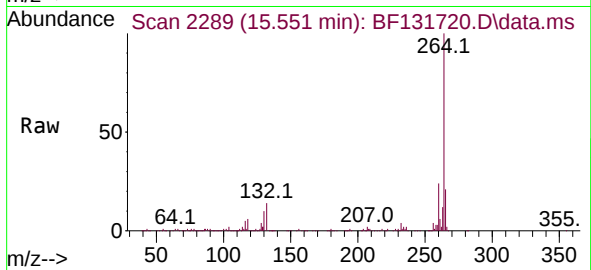
Acq: 20 Dec 2022 19:03

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP7-COMP-07



Tgt Ion:264 Resp: 175799

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 21.1 17.4 26.2

