

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139946.D
 Acq On : 22 Oct 2024 23:43
 Operator : RC/JU
 Sample : P4385-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-9

Quant Time: Oct 23 01:15:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

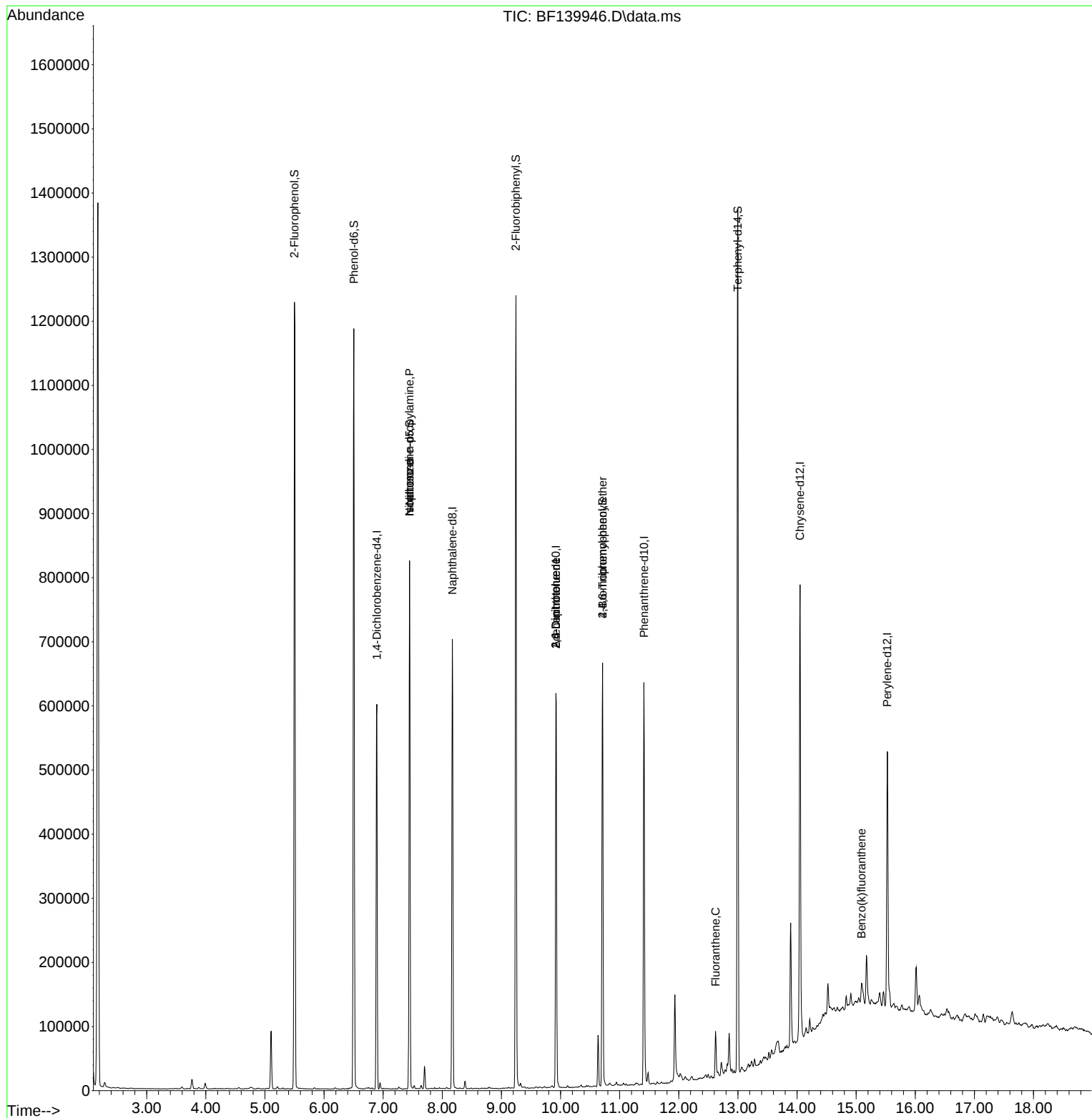
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	125462	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	412661	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	187614	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	327445	20.000	ng	0.00
76) Chrysene-d12	14.051	240	323147	20.000	ng	0.00
86) Perylene-d12	15.527	264	234771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	448573	55.972	ng	0.00
7) Phenol-d6	6.504	99	529168	50.981	ng	0.00
23) Nitrobenzene-d5	7.445	82	341479	45.863	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	106441	60.654	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	547059	48.191	ng	0.00
79) Terphenyl-d14	12.998	244	678727	34.225	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	44324	7.041	ng	# 78
25) Isophorone	7.445	82	339924	24.054	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	23350	9.228	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	23350	7.504	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	7138	2.116	ng	# 1
75) Fluoranthene	12.622	202	36380	2.327	ng	99
89) Benzo(k)fluoranthene	15.092	252	26229	2.127	ng	# 88

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

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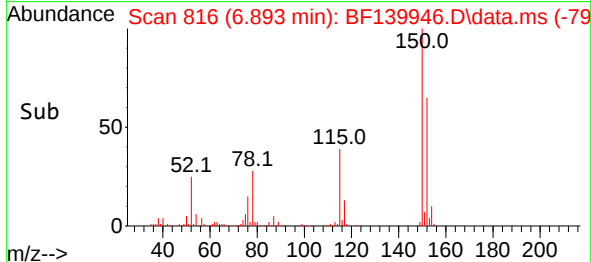
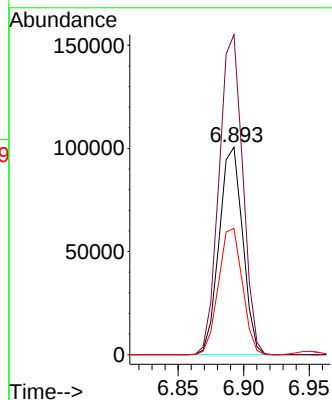
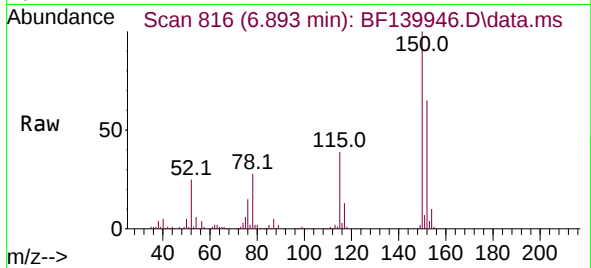




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

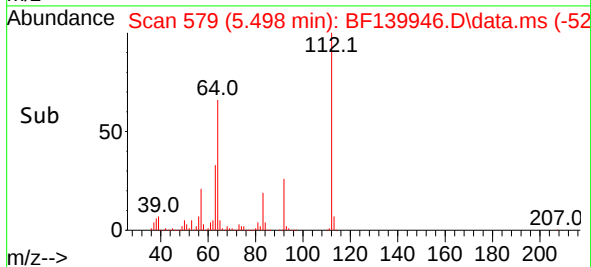
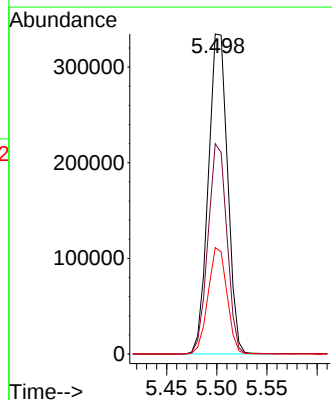
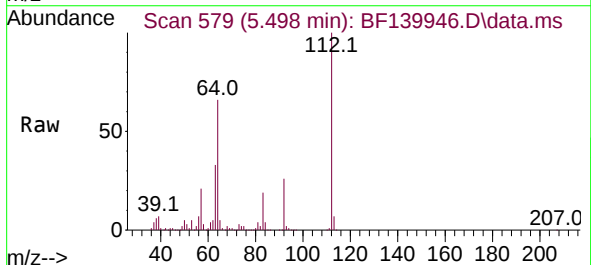
Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:152 Resp: 125462
Ion Ratio Lower Upper
152 100
150 154.2 130.2 195.2
115 60.8 51.4 77.2



#5
2-Fluorophenol
Concen: 55.972 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

Tgt Ion:112 Resp: 448573
Ion Ratio Lower Upper
112 100
64 65.7 53.0 79.6
63 33.2 27.0 40.4





#7
Phenol-d6
Concen: 50.981 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

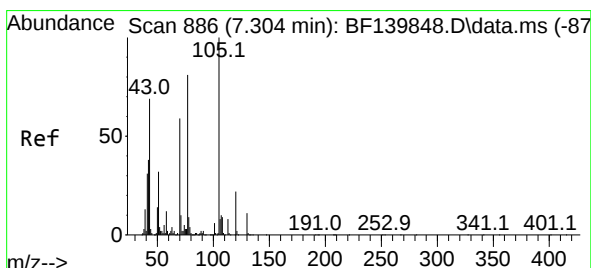
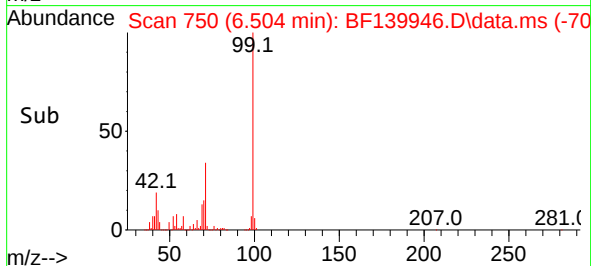
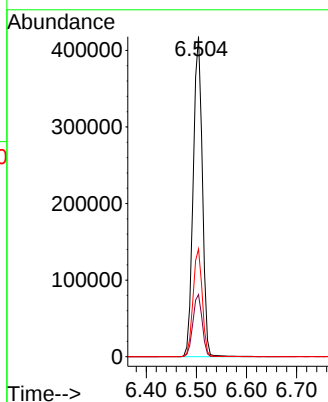
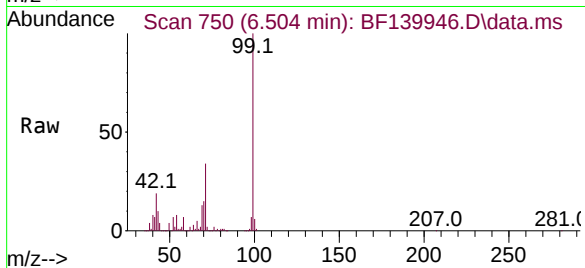
Instrument :

BNA_F

ClientSampleId :

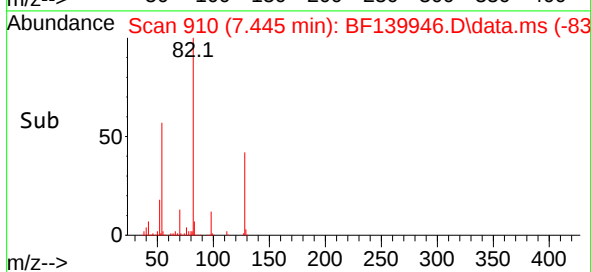
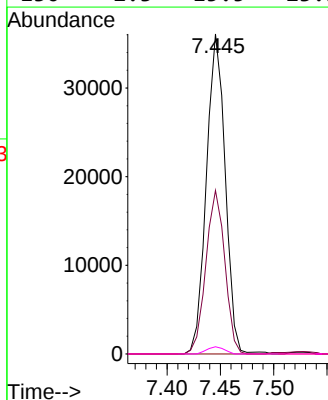
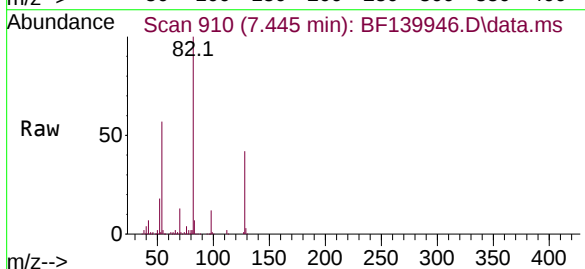
SP-9

Tgt Ion: 99 Resp: 529168
Ion Ratio Lower Upper
99 100
42 19.4 16.7 25.1
71 33.6 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 7.041 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

Tgt Ion: 70 Resp: 44324
Ion Ratio Lower Upper
70 100
42 51.1 51.5 77.3#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#



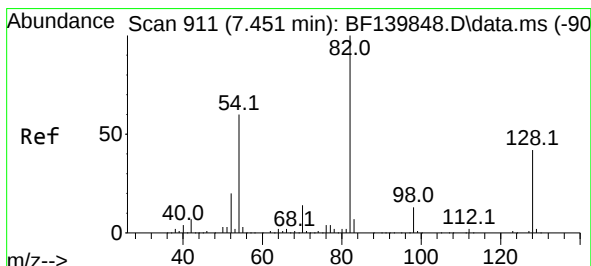
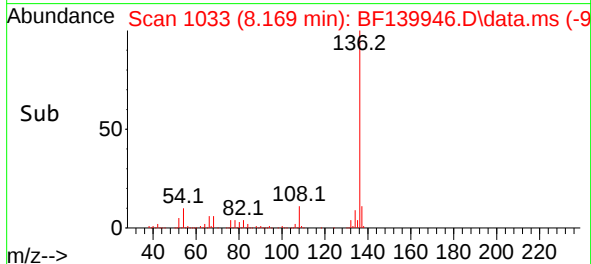
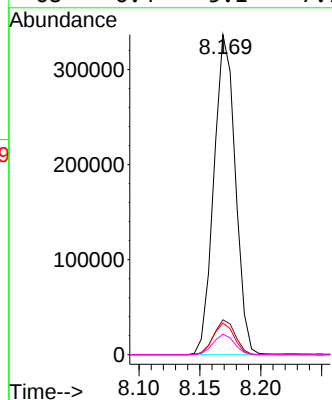
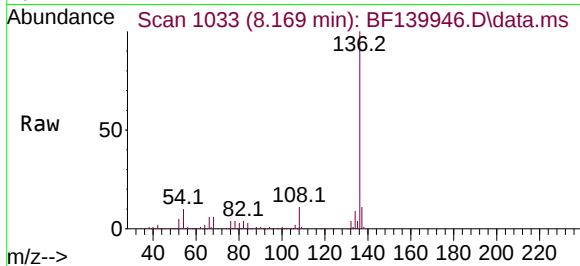


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion: 136 Resp: 412661

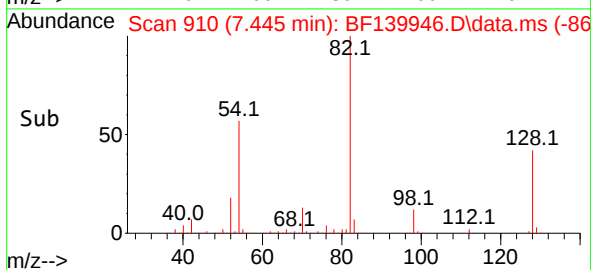
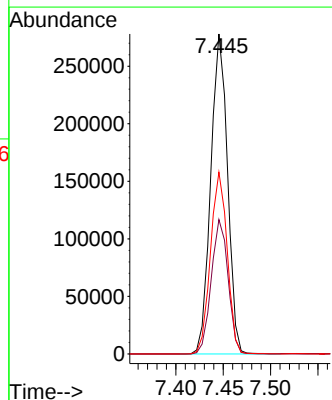
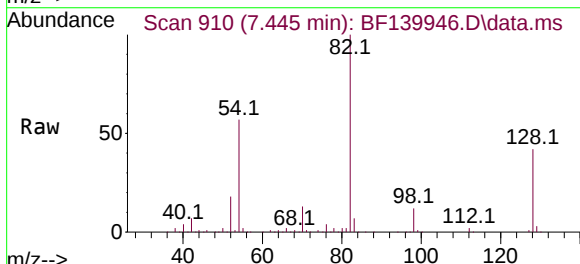
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.9	8.4	12.6
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 45.863 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

Tgt Ion: 82 Resp: 341479

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.4	50.0
54	56.8	47.8	71.8

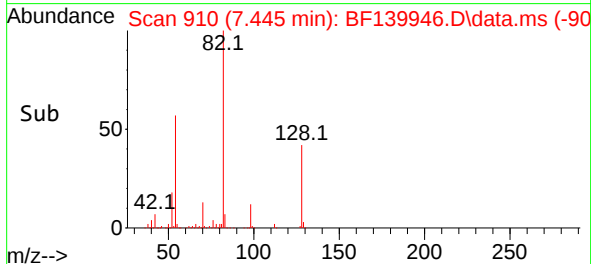
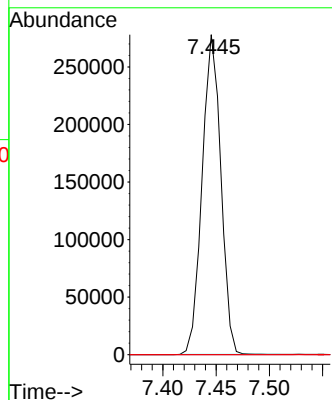
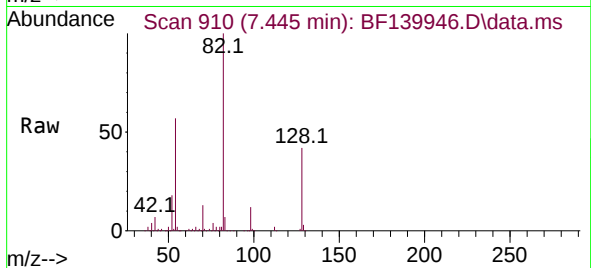




#25
Isophorone
Concen: 24.054 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

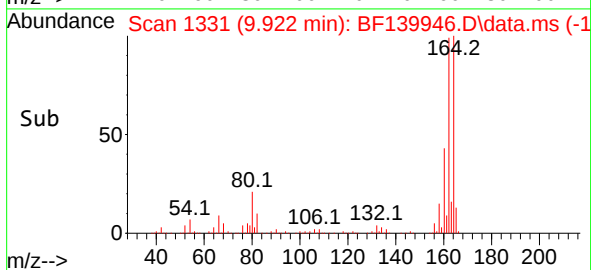
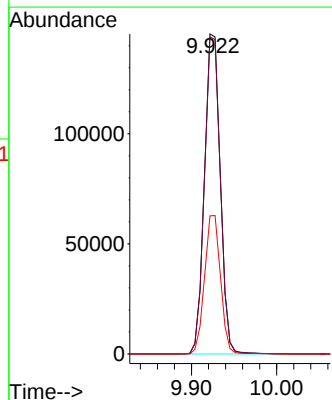
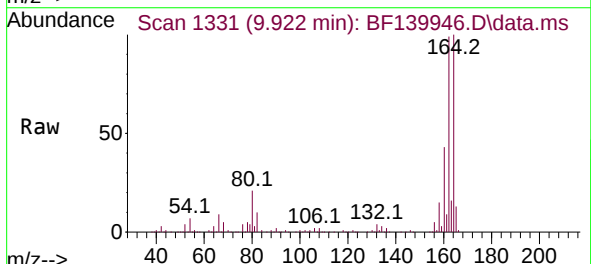
Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion: 82 Resp: 339924
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

Tgt Ion:164 Resp: 187614
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.4
160 43.2 35.4 53.0

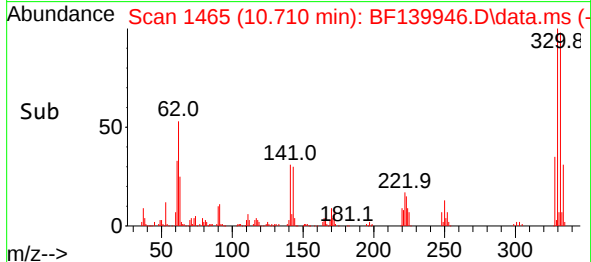
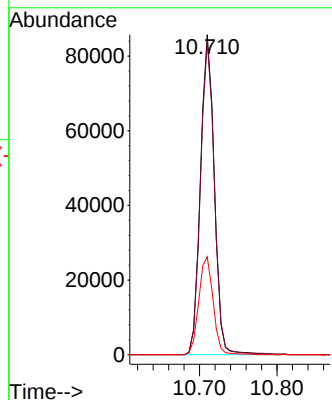
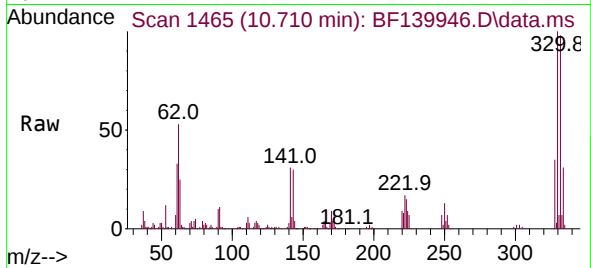




#42
2,4,6-Tribromophenol
Concen: 60.654 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

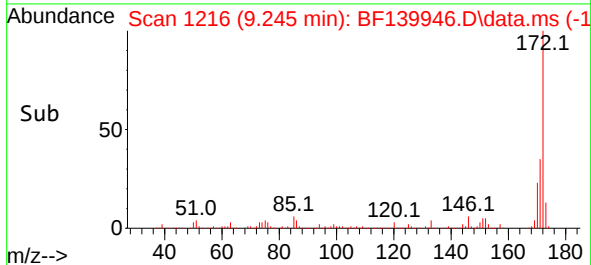
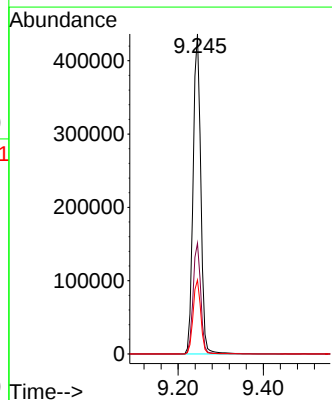
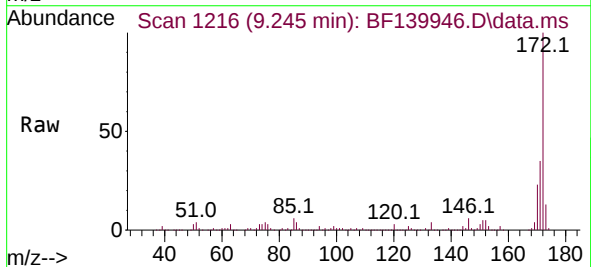
Instrument :
BNA_F
ClientSampleId :
SP-9

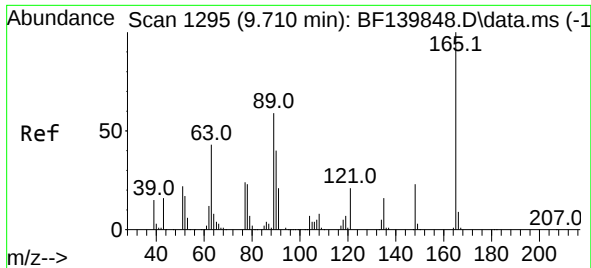
Tgt Ion:330 Resp: 106441
Ion Ratio Lower Upper
330 100
332 98.1 78.1 117.1
141 31.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 48.191 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

Tgt Ion:172 Resp: 547059
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 23.1 19.1 28.7

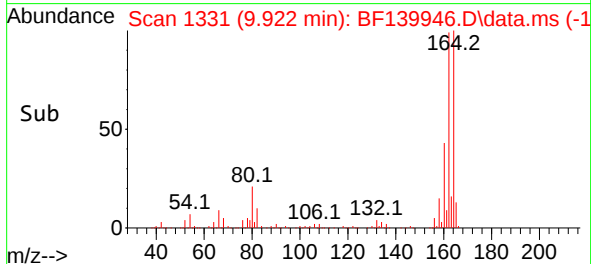
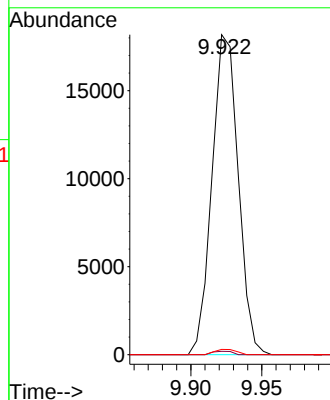
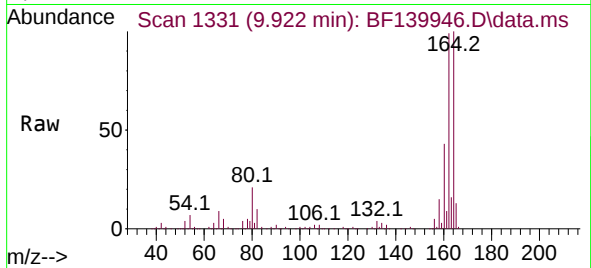




#51
2,6-Dinitrotoluene
Concen: 9.228 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

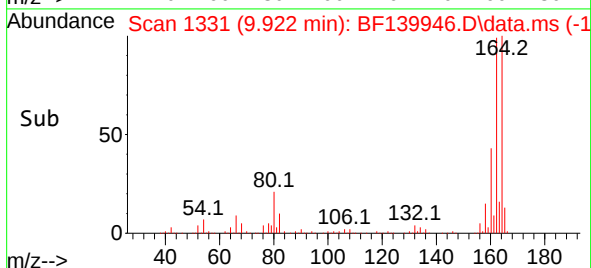
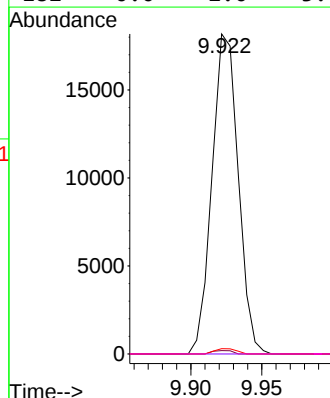
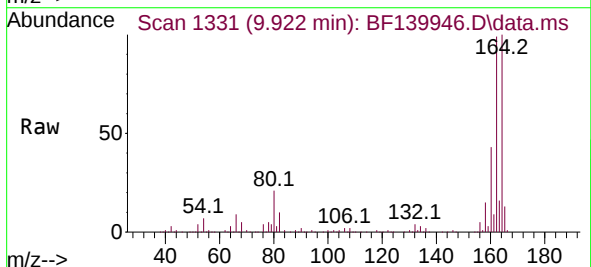
Instrument :
BNA_F
ClientSampleId :
SP-9

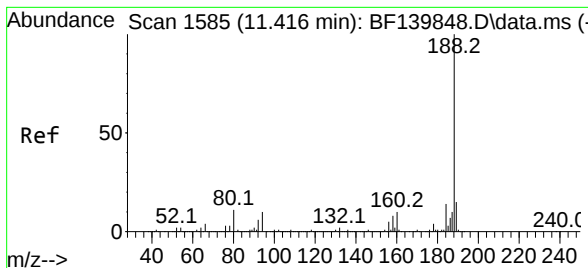
Tgt Ion:165 Resp: 23350
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.6 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.504 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

Tgt Ion:165 Resp: 23350
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.6 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139946.D

Acq: 22 Oct 2024 23:43

Instrument :

BNA_F

ClientSampleId :

SP-9

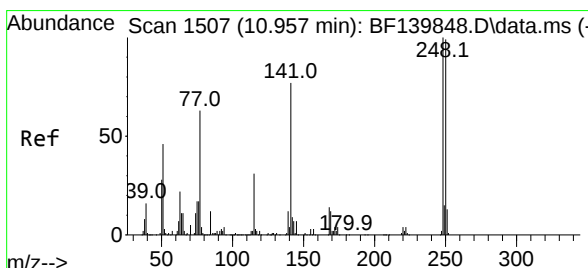
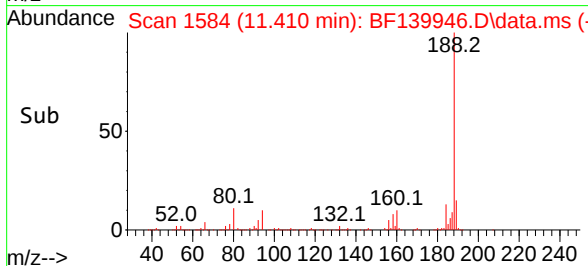
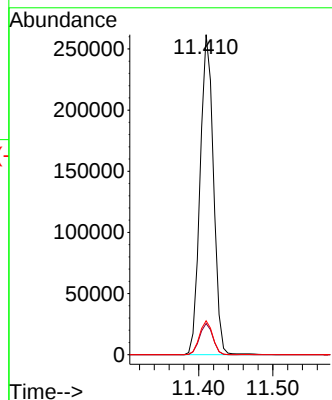
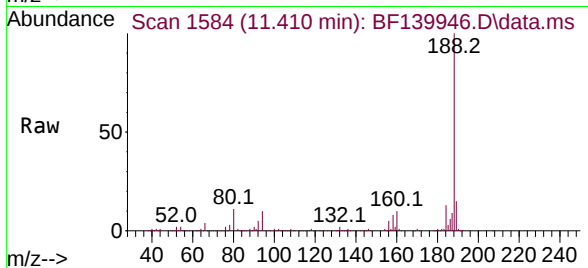
Tgt Ion:188 Resp: 327445

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 2.116 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139946.D

Acq: 22 Oct 2024 23:43

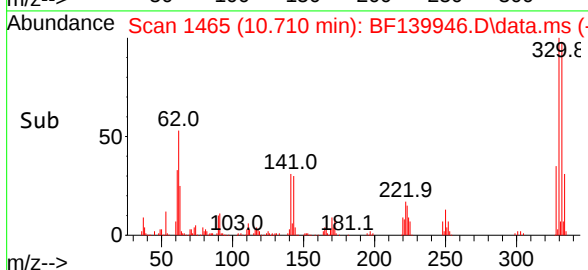
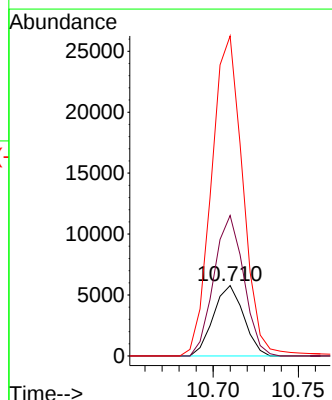
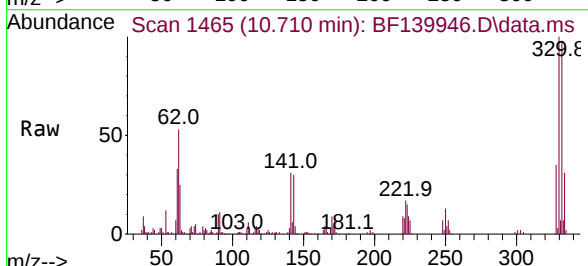
Tgt Ion:248 Resp: 7138

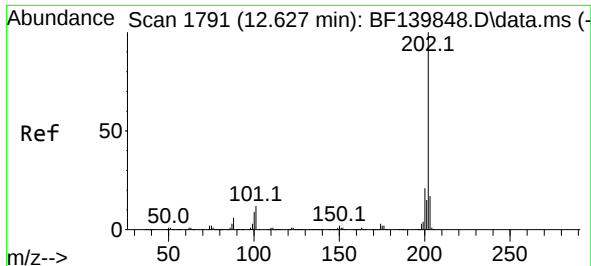
Ion Ratio Lower Upper

248 100

250 199.5 79.0 118.6#

141 454.6 61.7 92.5#

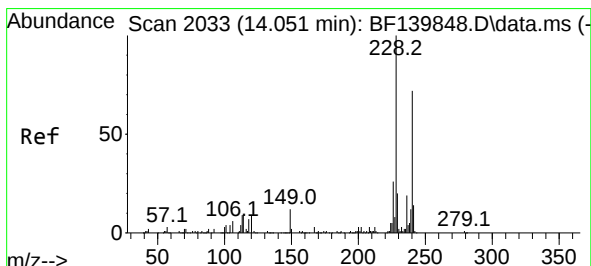
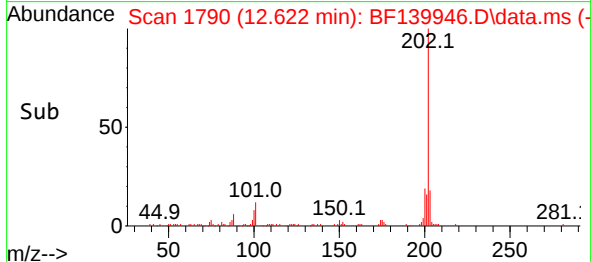
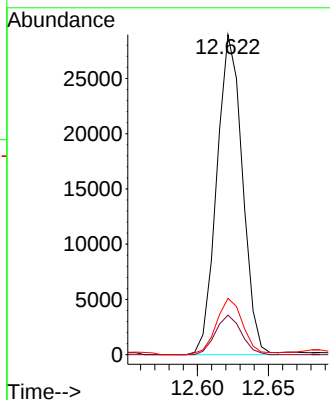
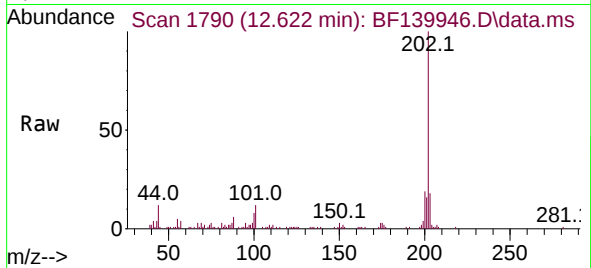




#75
Fluoranthene
Concen: 2.327 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

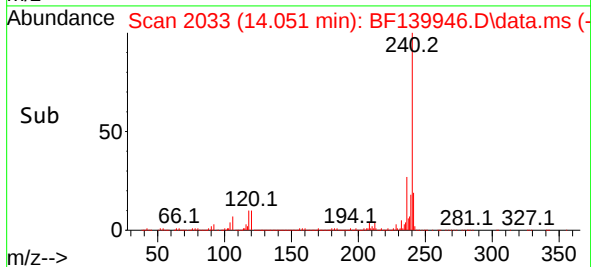
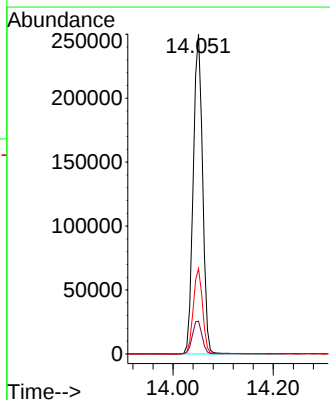
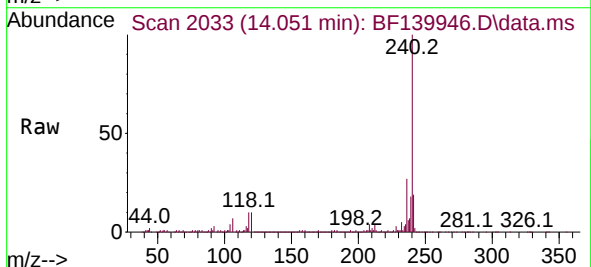
Instrument :
BNA_F
ClientSampleId :
SP-9

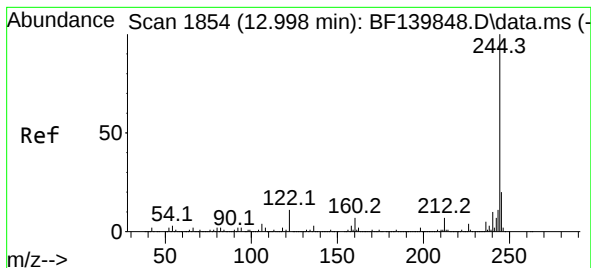
Tgt Ion:202 Resp: 36380
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.9
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

Tgt Ion:240 Resp: 323147
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.2
236 26.7 20.9 31.3





#79

Terphenyl-d14

Concen: 34.225 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139946.D

Acq: 22 Oct 2024 23:43

Instrument :

BNA_F

ClientSampleId :

SP-9

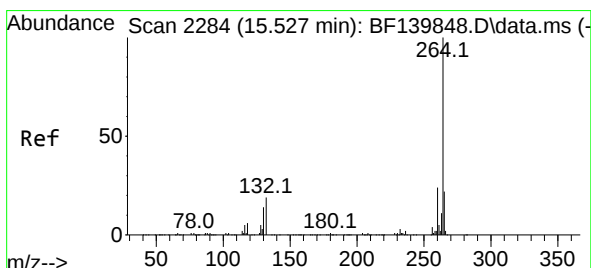
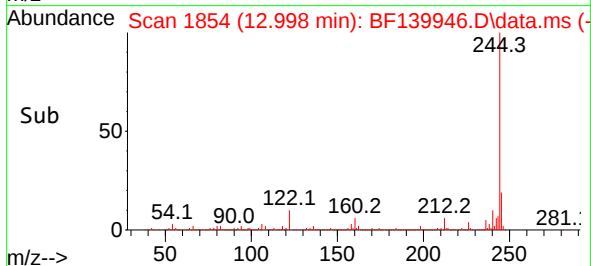
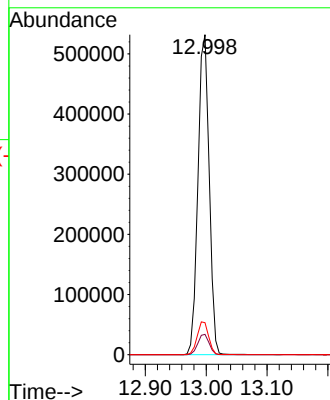
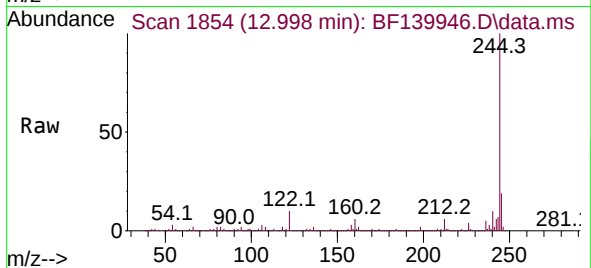
Tgt Ion:244 Resp: 678727

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

122 10.0 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139946.D

Acq: 22 Oct 2024 23:43

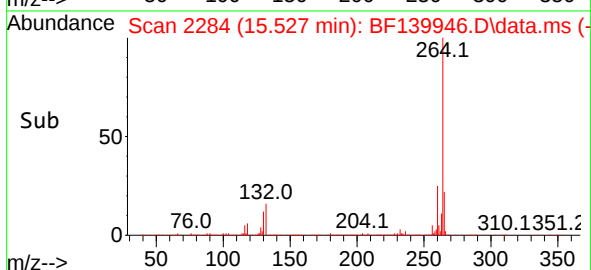
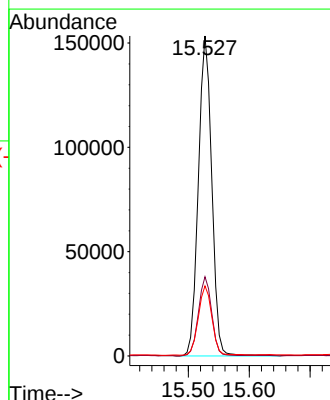
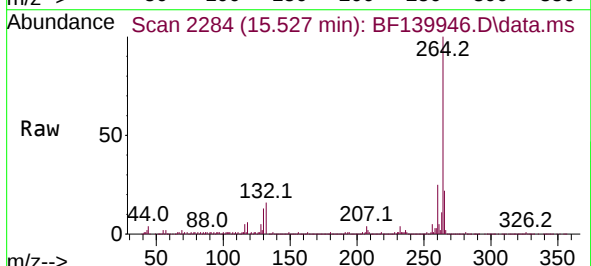
Tgt Ion:264 Resp: 234771

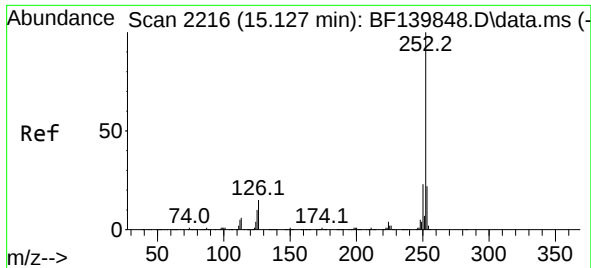
Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 21.9 17.4 26.0





#89

Benzo(k)fluoranthene

Concen: 2.127 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF139946.D

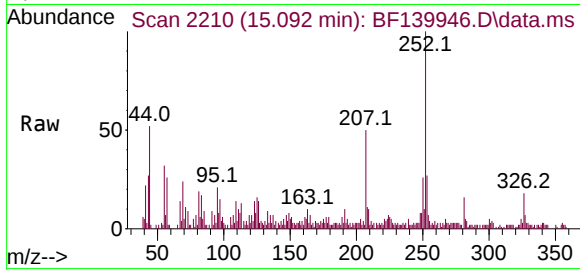
Acq: 22 Oct 2024 23:43

Instrument :

BNA_F

ClientSampleId :

SP-9



Tgt Ion:252 Resp: 26229

Ion Ratio Lower Upper

252 100

253 26.8 17.6 26.4#

125 15.9 7.9 11.9#

