

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139941.D
 Acq On : 22 Oct 2024 21:20
 Operator : RC/JU
 Sample : P4385-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Oct 23 01:13:39 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)

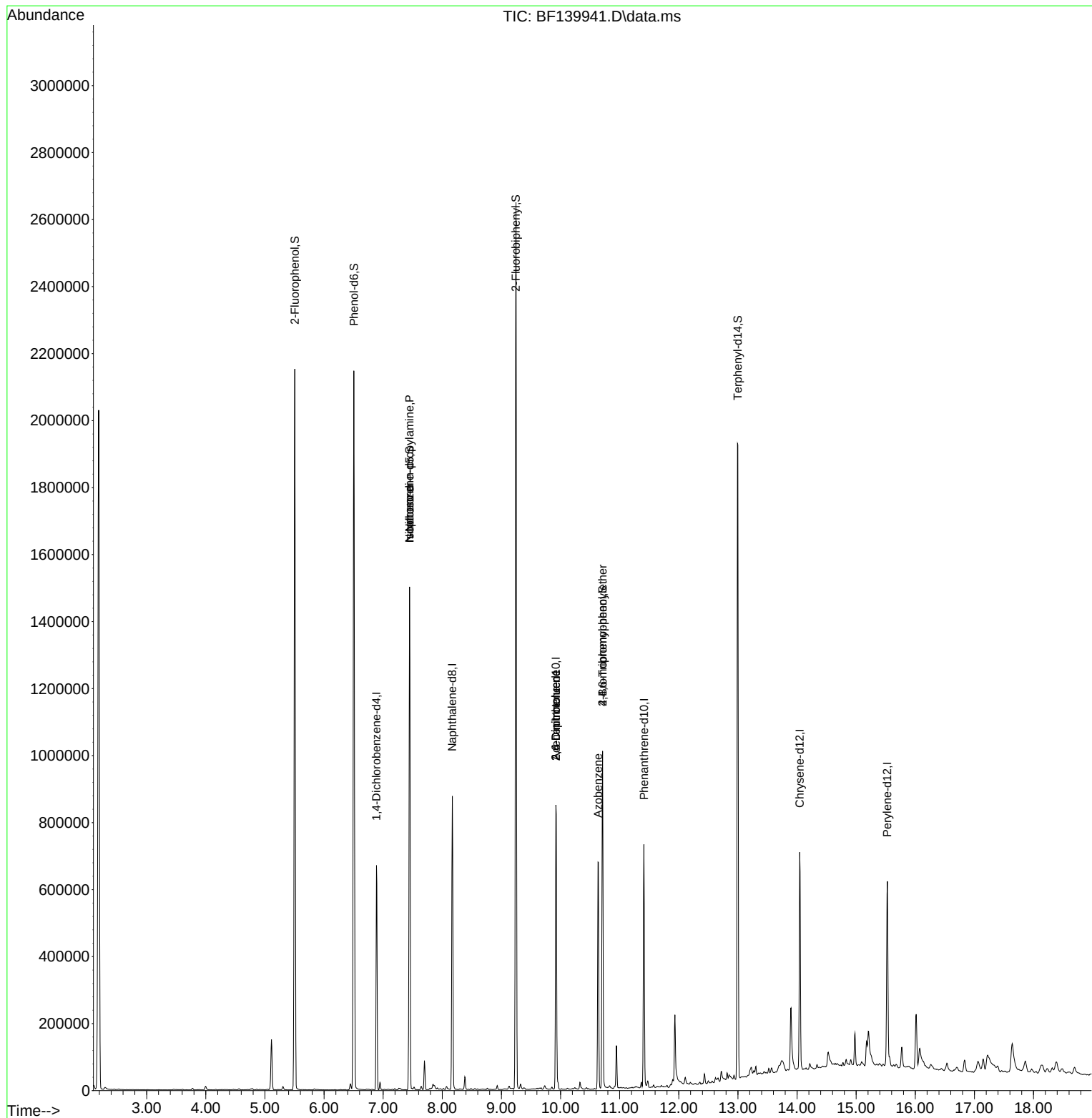
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	136890	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	521113	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	254785	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	372133	20.000	ng	0.00
76) Chrysene-d12	14.045	240	303301	20.000	ng	0.00
86) Perylene-d12	15.527	264	324928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	787344	90.041	ng	0.00
7) Phenol-d6	6.504	99	1015200	89.641	ng	0.00
23) Nitrobenzene-d5	7.445	82	646064	68.713	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	165943	69.631	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1136235	73.703	ng	0.00
79) Terphenyl-d14	12.998	244	967539	51.981	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	86580	12.605	ng	# 77
25) Isophorone	7.445	82	644247	36.101	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	32402	9.430	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	32402	7.668	ng	# 21
63) Azobenzene	10.633	77	178909	10.830	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	10449	2.726	ng	# 1

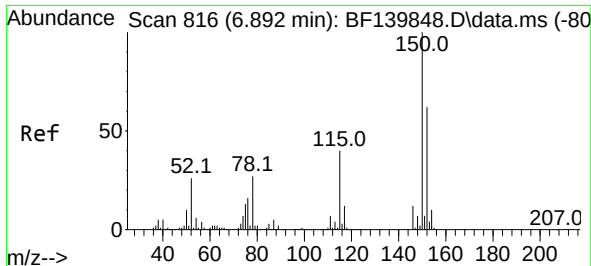
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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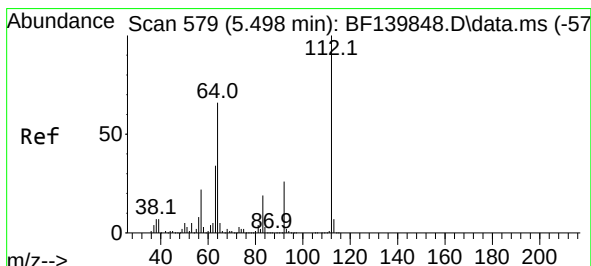
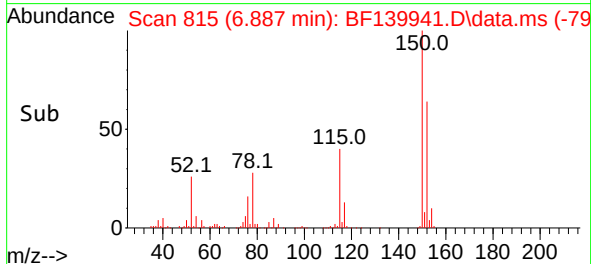
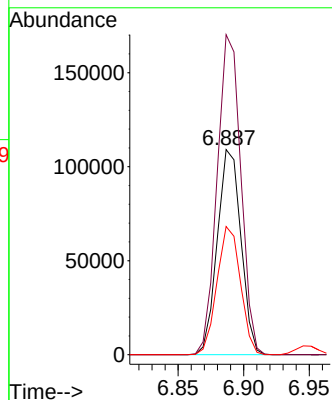
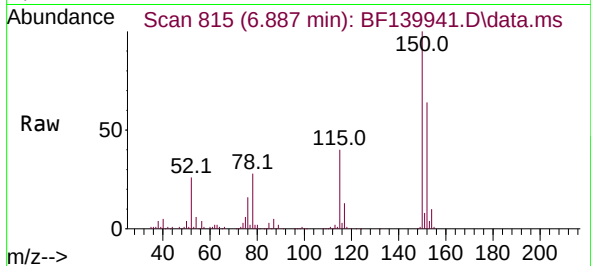




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

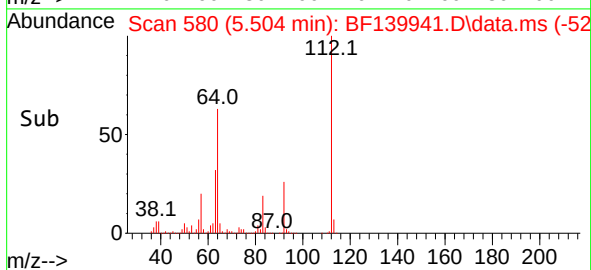
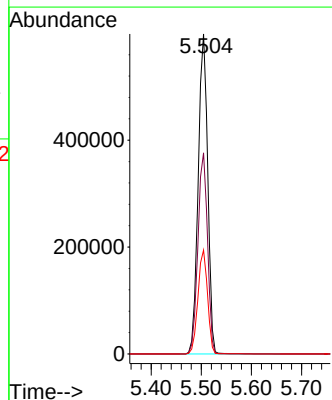
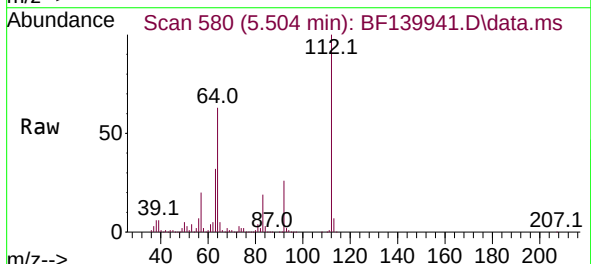
Instrument :
BNA_F
ClientSampleId :
SP-1

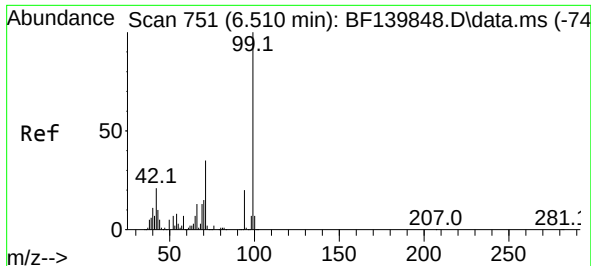
Tgt Ion:152 Resp: 136890
Ion Ratio Lower Upper
152 100
150 156.0 130.2 195.2
115 62.5 51.4 77.2



#5
2-Fluorophenol
Concen: 90.041 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

Tgt Ion:112 Resp: 787344
Ion Ratio Lower Upper
112 100
64 62.9 53.0 79.6
63 32.5 27.0 40.4

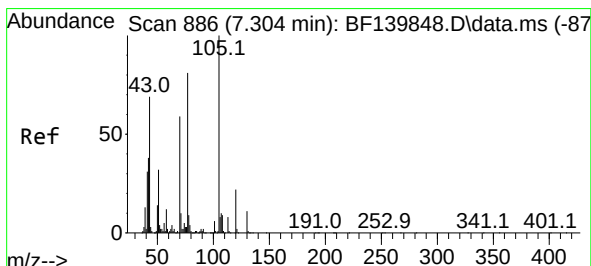
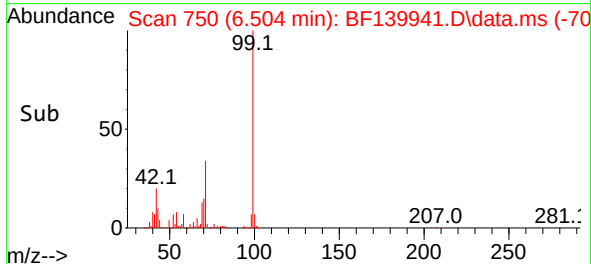
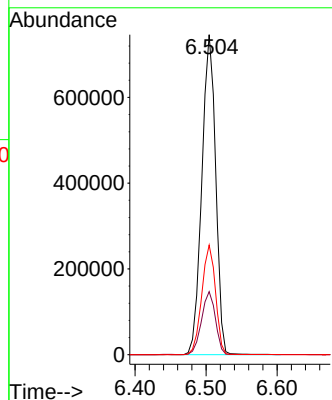
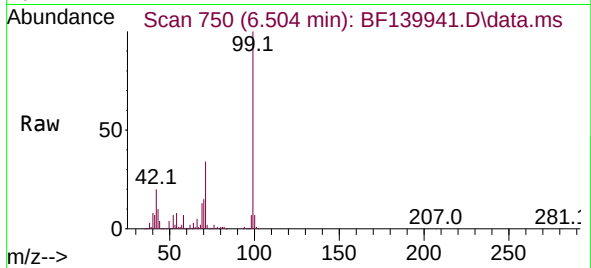




#7
Phenol-d6
Concen: 89.641 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

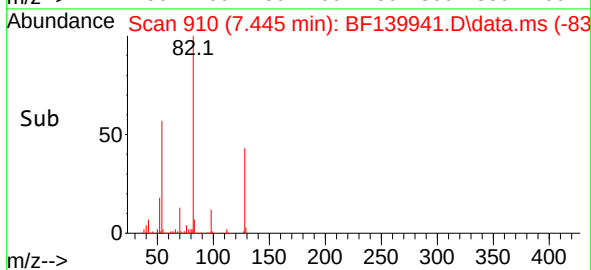
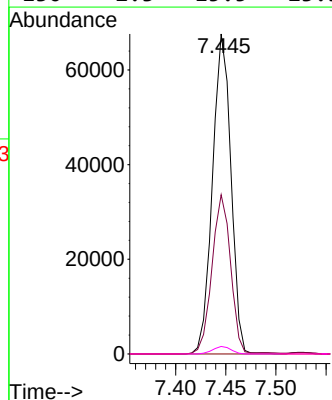
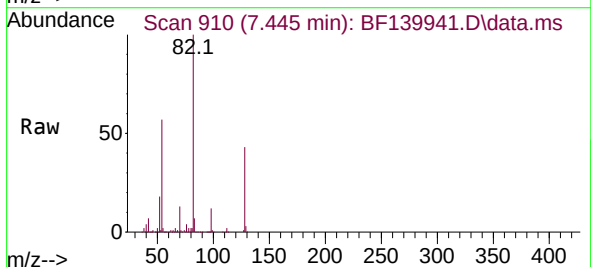
Instrument :
BNA_F
ClientSampleId :
SP-1

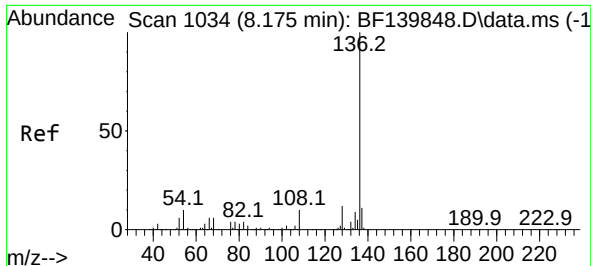
Tgt Ion: 99 Resp: 1015200
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 34.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.605 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

Tgt Ion: 70 Resp: 86580
Ion Ratio Lower Upper
70 100
42 49.7 51.5 77.3#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#

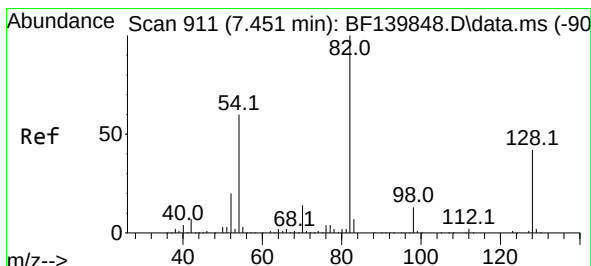
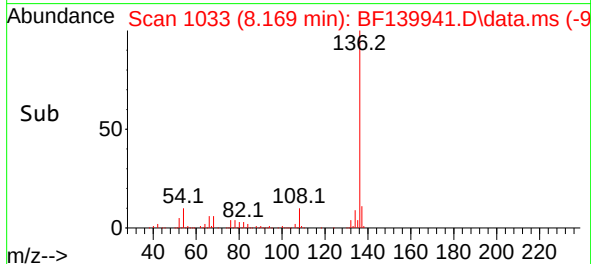
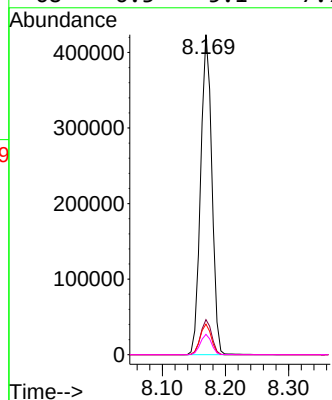
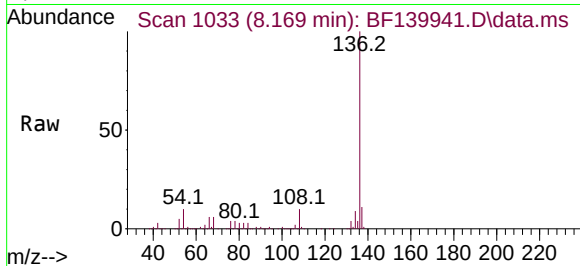




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

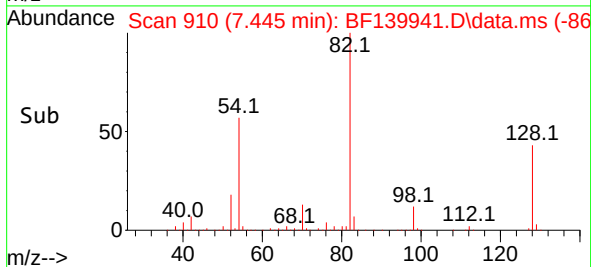
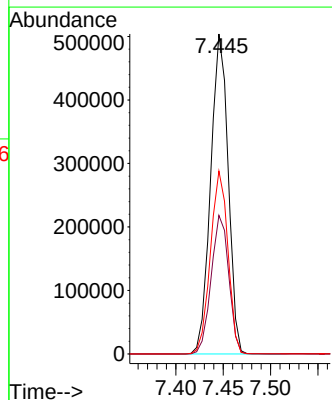
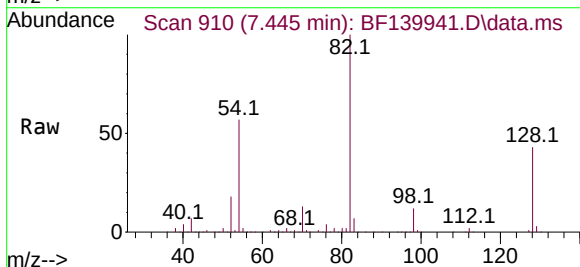
Instrument :
BNA_F
ClientSampleId :
SP-1

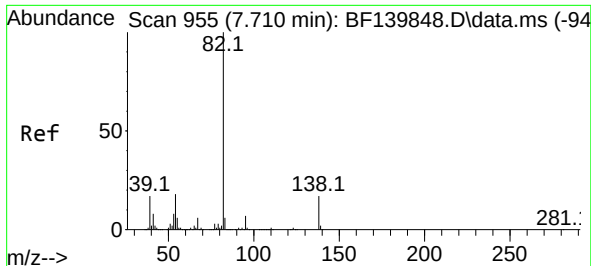
Tgt Ion:	136	Resp:	521113
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.5	8.4	12.6
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 68.713 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

Tgt Ion:	82	Resp:	646064
Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.4	50.0
54	57.2	47.8	71.8

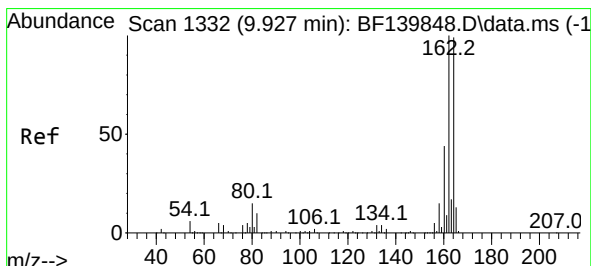
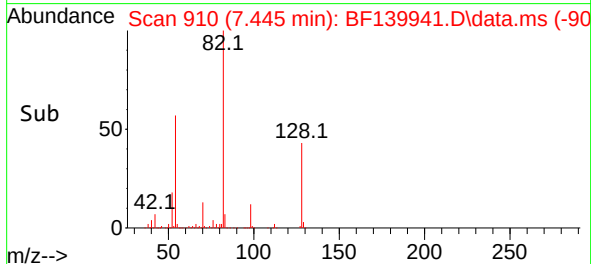
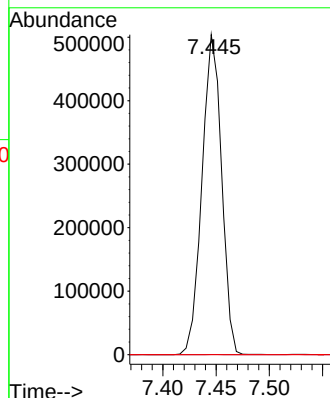
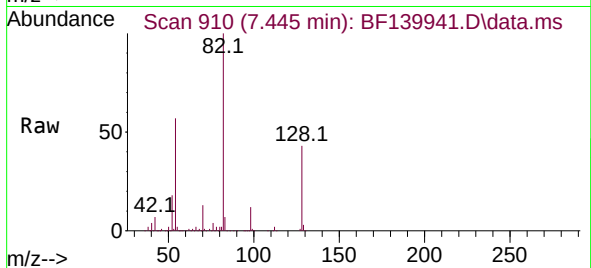




#25
Isophorone
Concen: 36.101 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

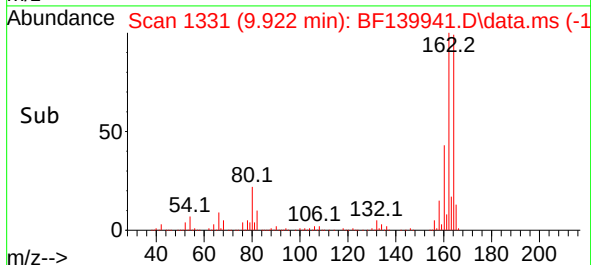
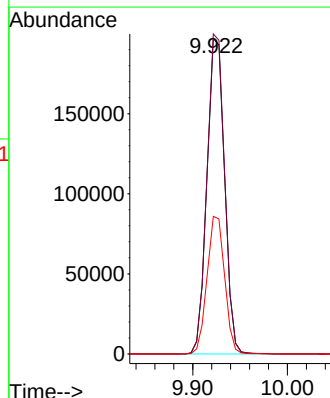
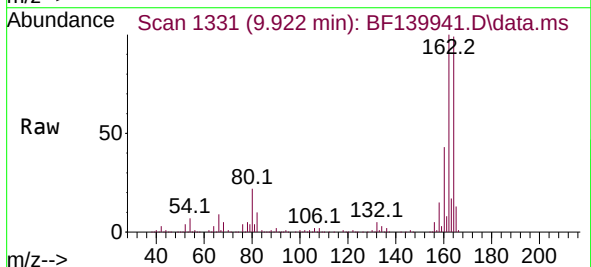
Instrument :
BNA_F
ClientSampleId :
SP-1

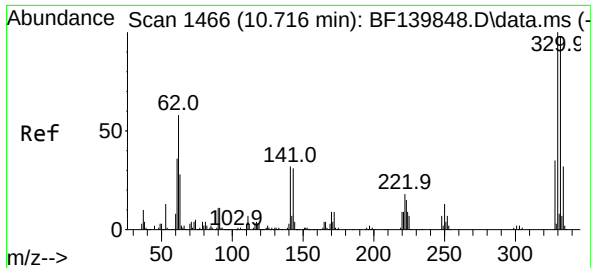
Tgt Ion: 82 Resp: 644247
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

Tgt Ion: 164 Resp: 254785
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 43.6 35.4 53.0

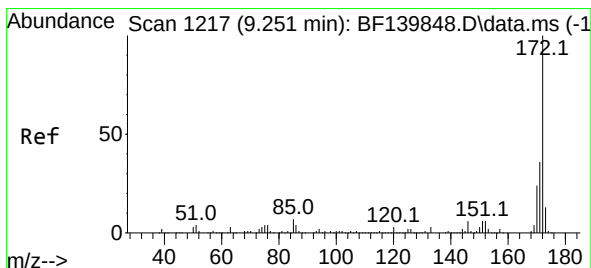
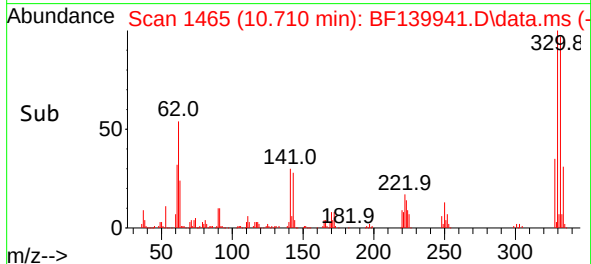
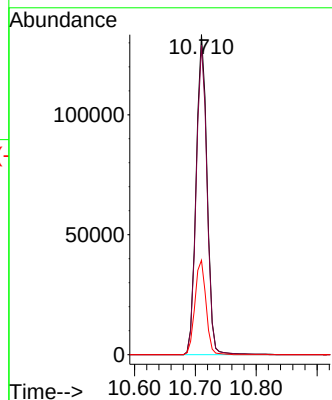
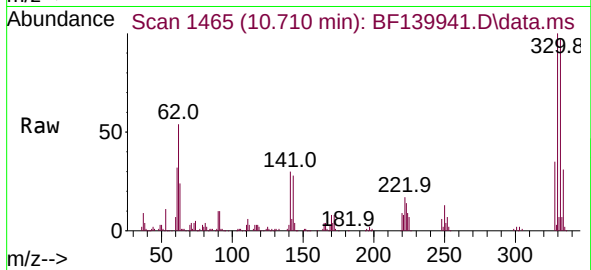




#42
2,4,6-Tribromophenol
Concen: 69.631 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

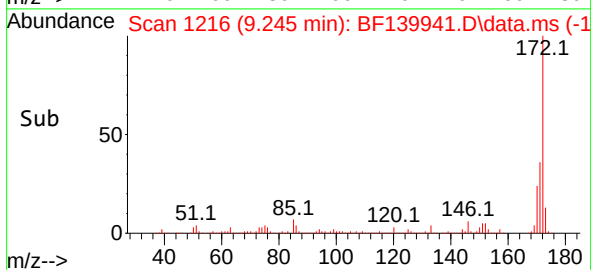
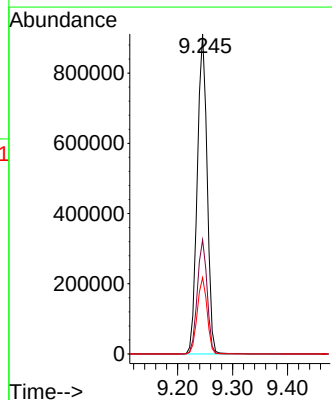
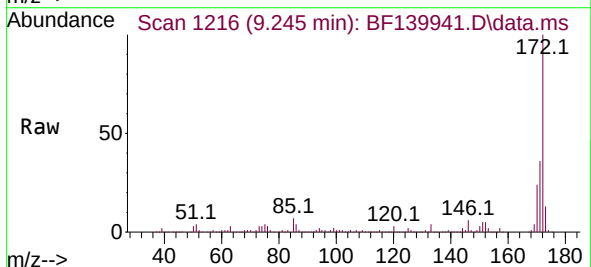
Instrument :
BNA_F
ClientSampleId :
SP-1

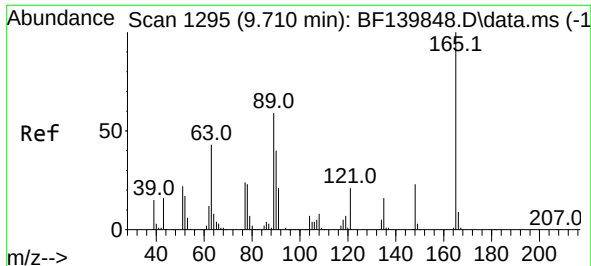
Tgt Ion:330 Resp: 165943
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 29.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 73.703 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

Tgt Ion:172 Resp: 1136235
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.9 19.1 28.7

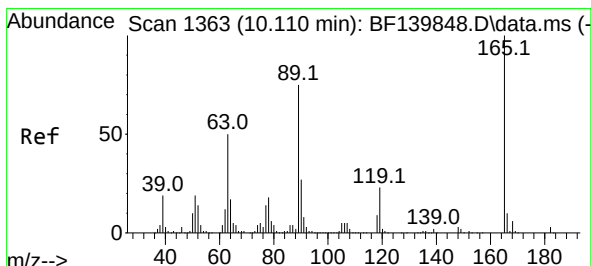
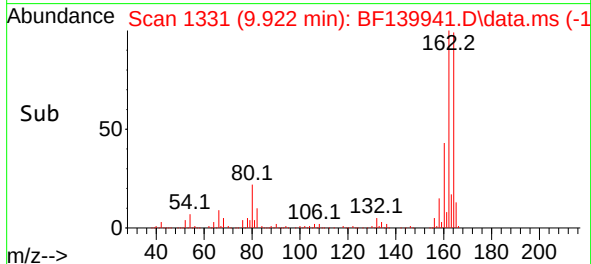
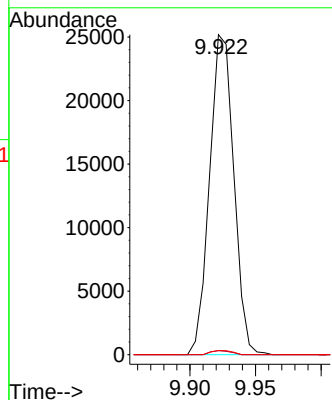
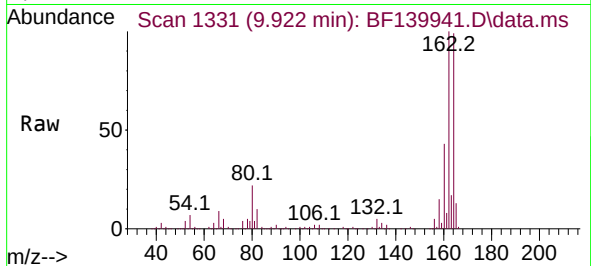




#51
2,6-Dinitrotoluene
Concen: 9.430 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

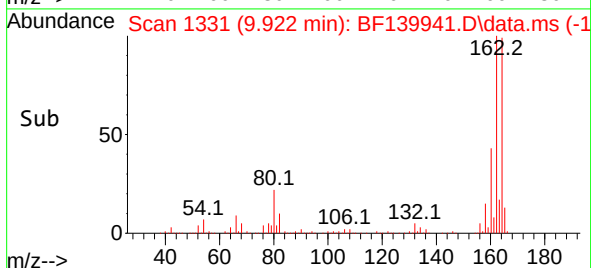
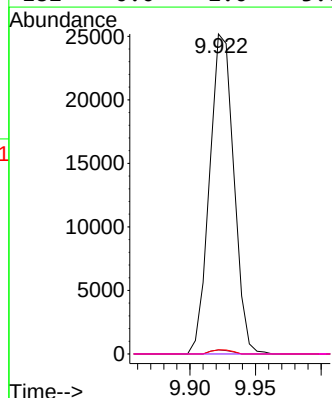
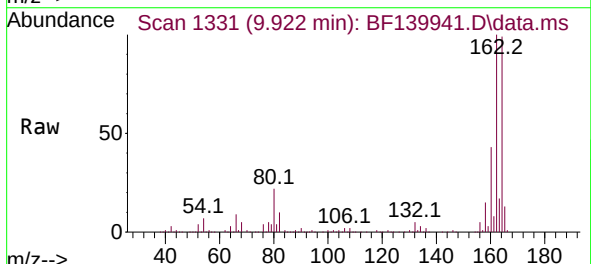
Instrument :
BNA_F
ClientSampleId :
SP-1

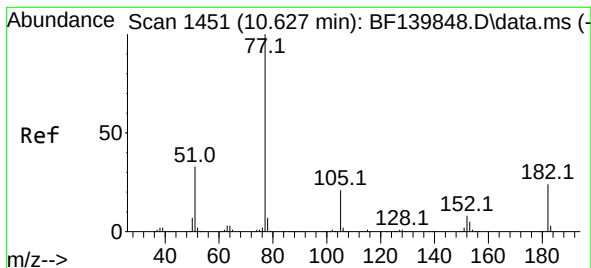
Tgt Ion:165 Resp: 32402
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.668 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

Tgt Ion:165 Resp: 32402
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 10.830 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139941.D

Acq: 22 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

SP-1

Tgt Ion: 77 Resp: 178909

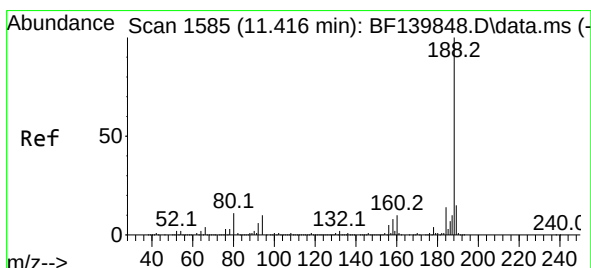
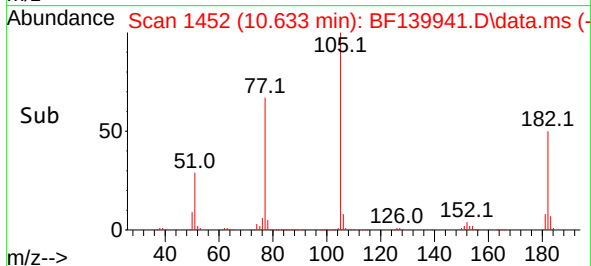
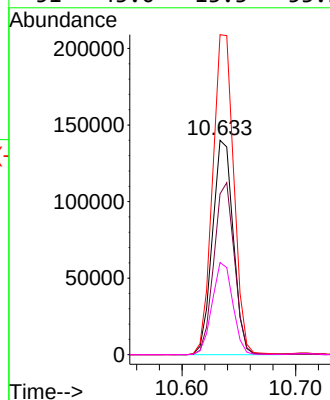
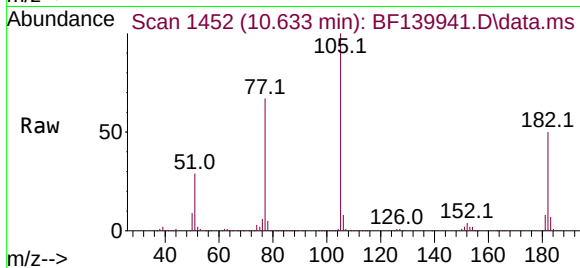
Ion Ratio Lower Upper

77 100

182 75.0 3.3 43.3#

105 149.2 1.2 41.2#

51 43.0 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139941.D

Acq: 22 Oct 2024 21:20

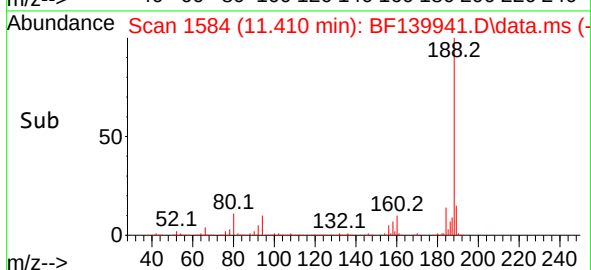
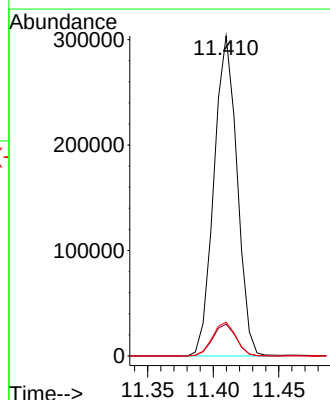
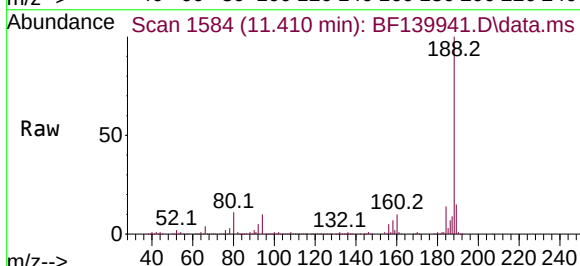
Tgt Ion:188 Resp: 372133

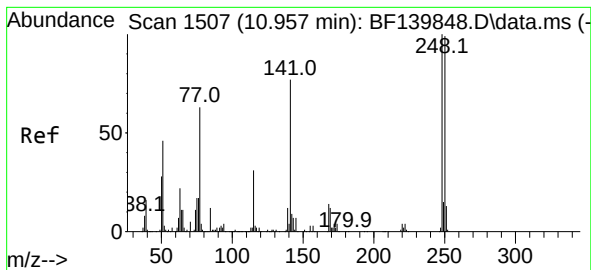
Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.5 9.0 13.4

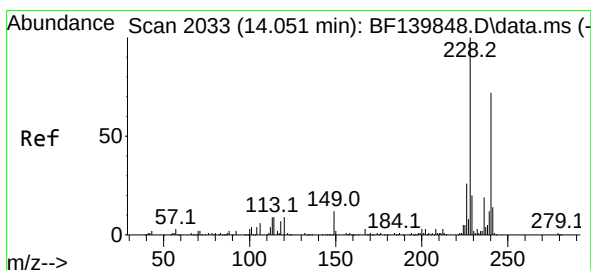
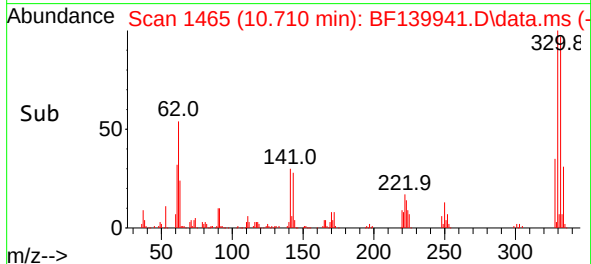
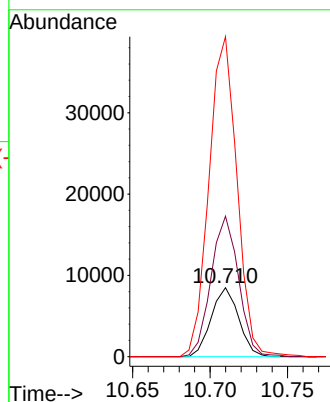
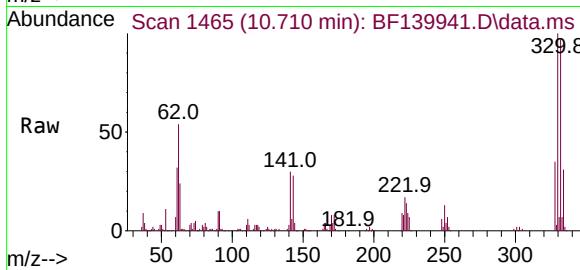




#67
4-Bromophenyl-phenylether
Concen: 2.726 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

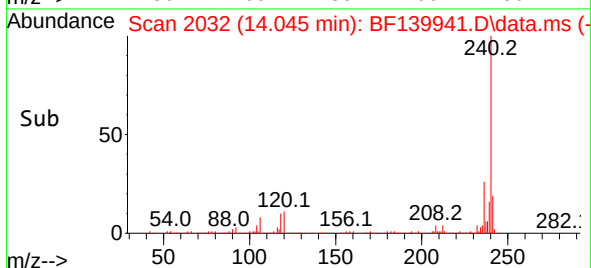
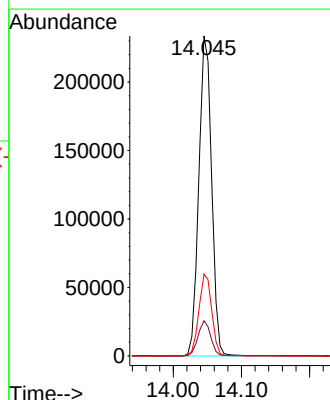
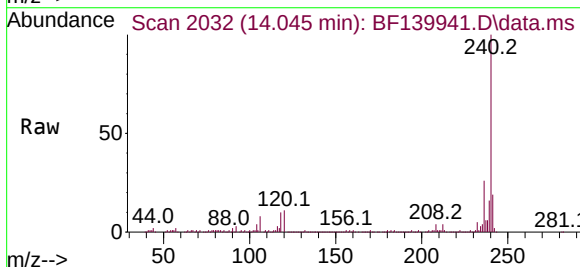
Instrument :
BNA_F
ClientSampleId :
SP-1

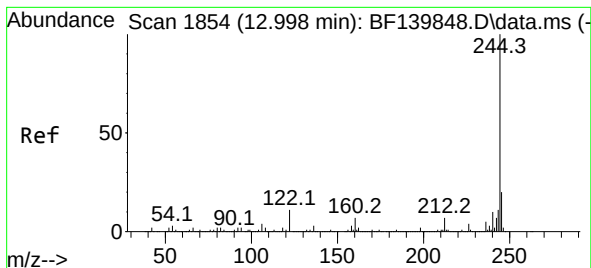
Tgt Ion:248 Resp: 10449
Ion Ratio Lower Upper
248 100
250 203.8 79.0 118.6#
141 464.4 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

Tgt Ion:240 Resp: 303301
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 51.981 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139941.D

Acq: 22 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

SP-1

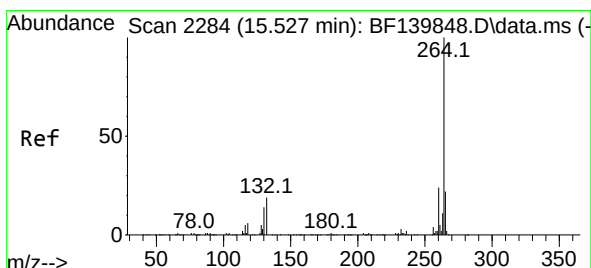
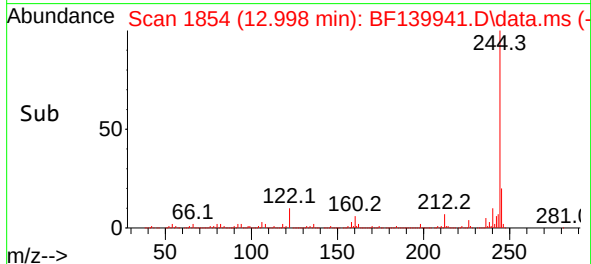
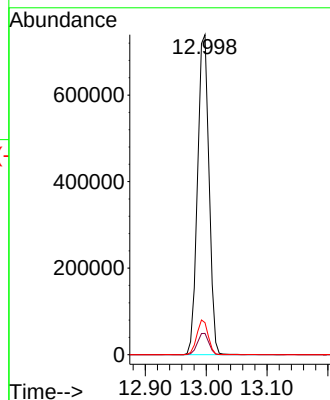
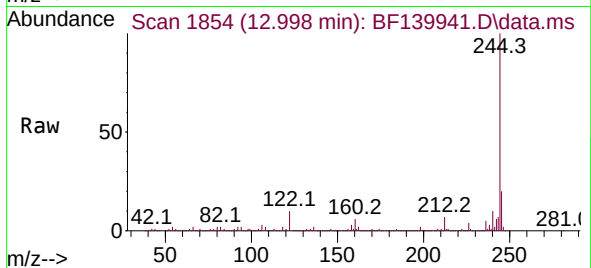
Tgt Ion:244 Resp: 967539

Ion Ratio Lower Upper

244 100

212 6.6 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: BF139941.D

Acq: 22 Oct 2024 21:20

Tgt Ion:264 Resp: 324928

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.2 17.4 26.0

