

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139790.D
 Acq On : 14 Oct 2024 16:00
 Operator : RC/JU
 Sample : P4375-25
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FENCE-POST-2

Quant Time: Oct 14 16:21:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

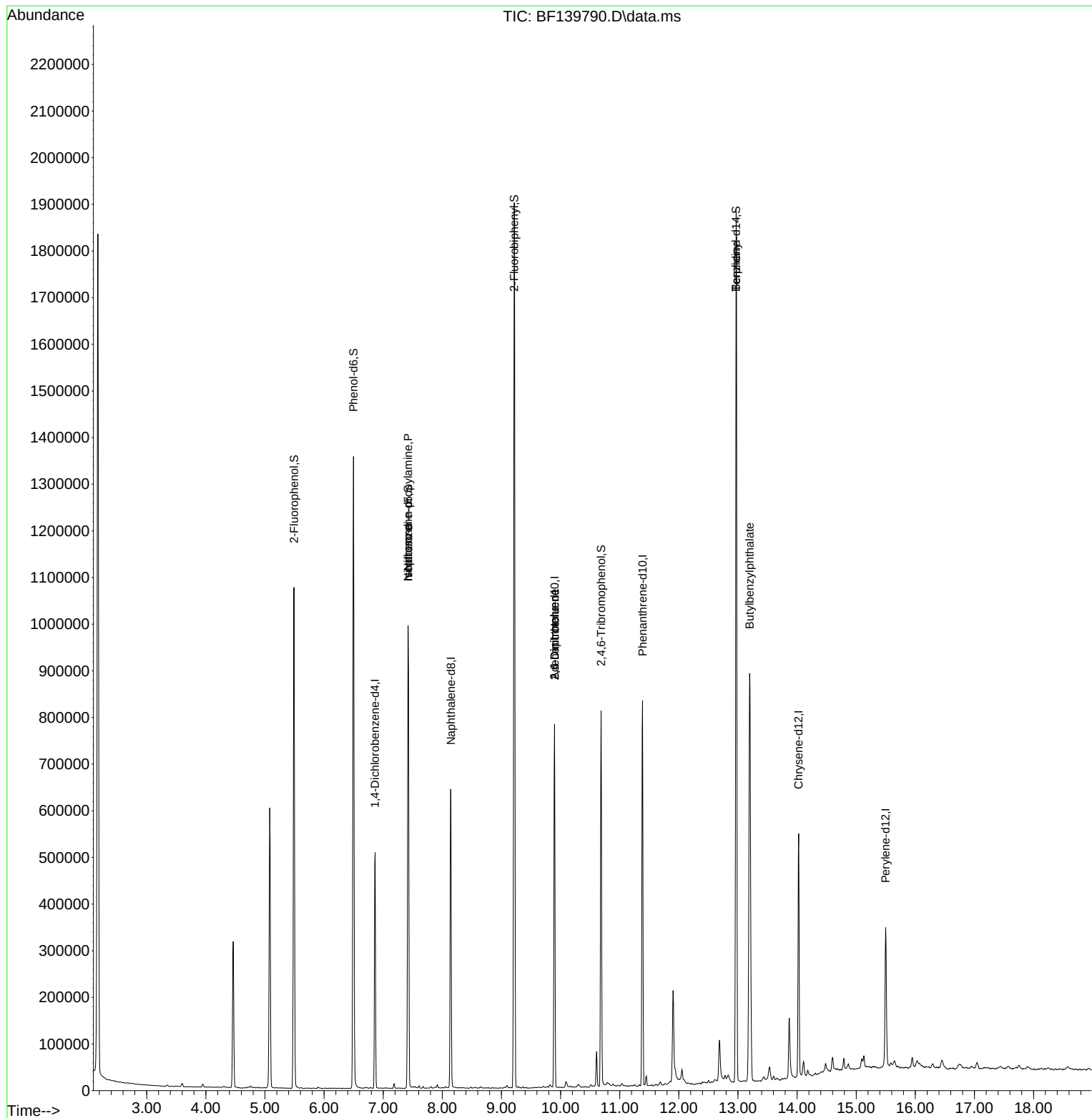
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	103456	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	406541	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	229363	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	439154	20.000	ng	0.00
76) Chrysene-d12	14.027	240	252187	20.000	ng	0.00
86) Perylene-d12	15.498	264	173358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	388929	65.159	ng	0.00
7) Phenol-d6	6.498	99	619116	77.130	ng	0.00
23) Nitrobenzene-d5	7.422	82	444001	55.295	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	122089	55.141	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	841906	56.351	ng	-0.01
79) Terphenyl-d14	12.969	244	945045	61.488	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	59664	11.561	ng	# 75
25) Isophorone	7.422	82	438514	30.748	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	30063	8.864	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	30063	6.781	ng	# 17
77) Benzidine	12.969	184	12915	2.903	ng	# 92
80) Butylbenzylphthalate	13.198	149	164028	20.331	ng	# 22

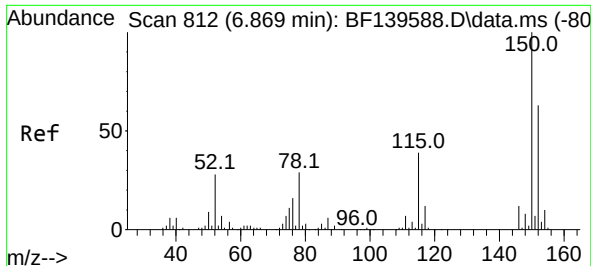
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

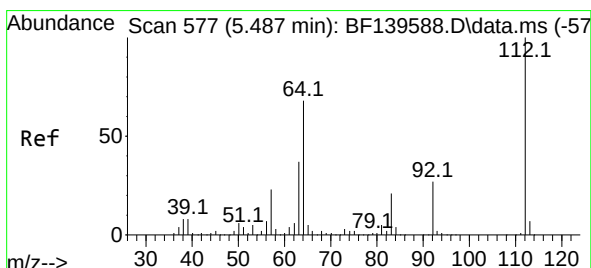
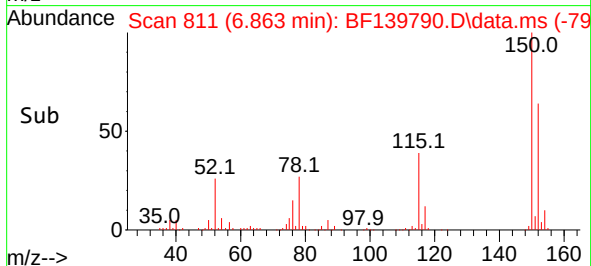
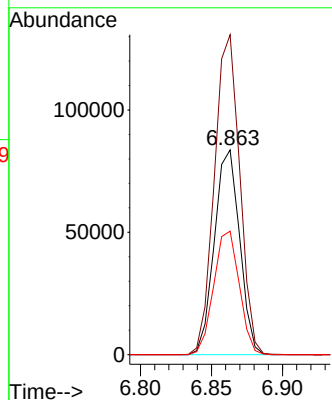
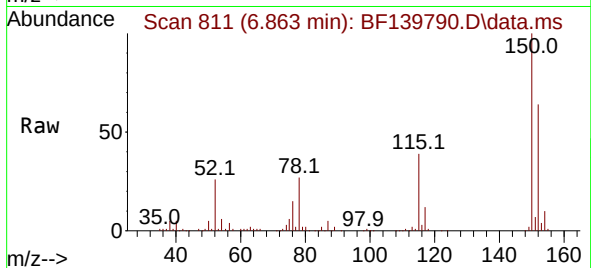




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

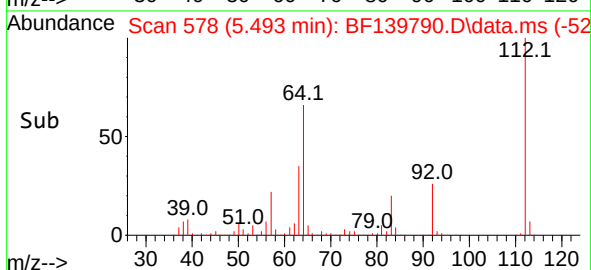
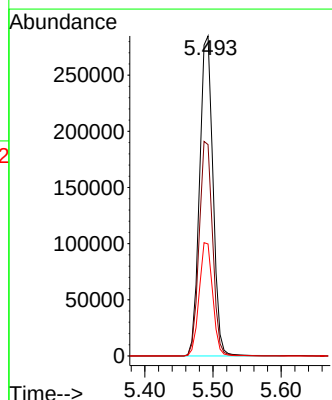
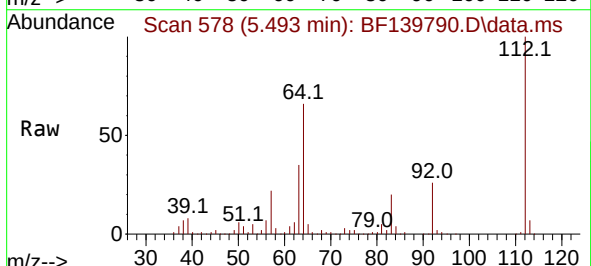
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-2

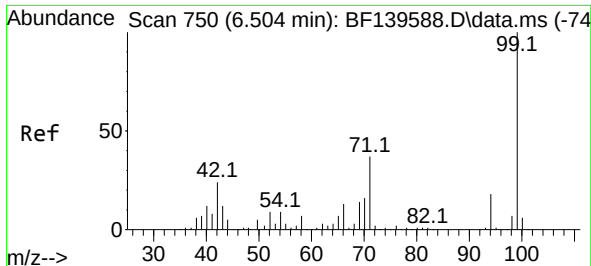
Tgt Ion:152 Resp: 103456
Ion Ratio Lower Upper
152 100
150 156.3 127.2 190.8
115 60.3 49.0 73.4



#5
2-Fluorophenol
Concen: 65.159 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

Tgt Ion:112 Resp: 388929
Ion Ratio Lower Upper
112 100
64 66.0 54.2 81.4
63 35.0 29.4 44.2

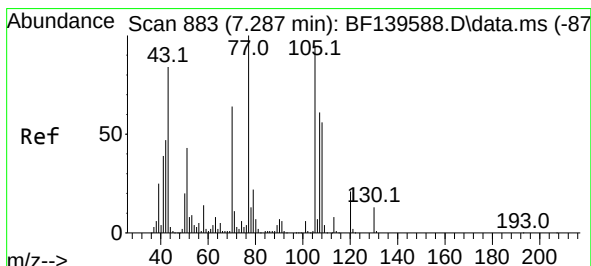
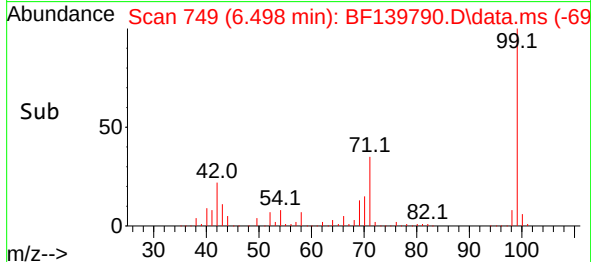
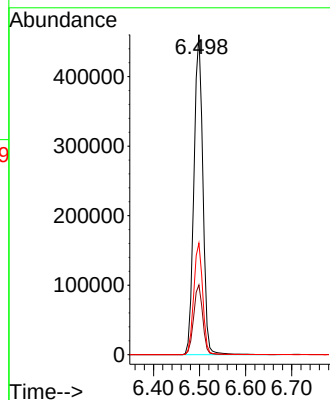
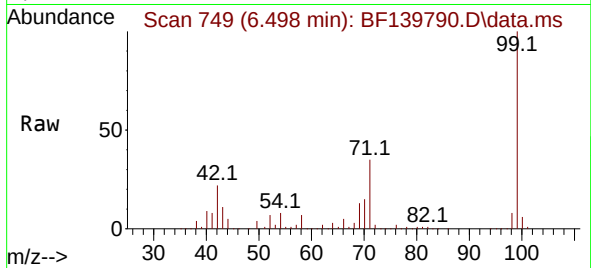




#7
Phenol-d6
Concen: 77.130 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

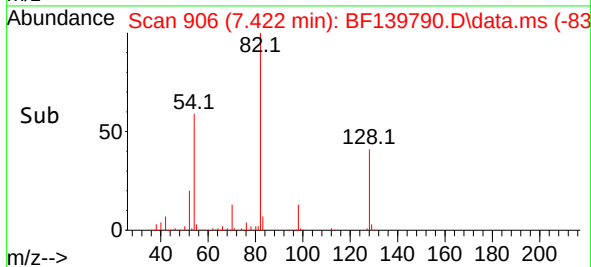
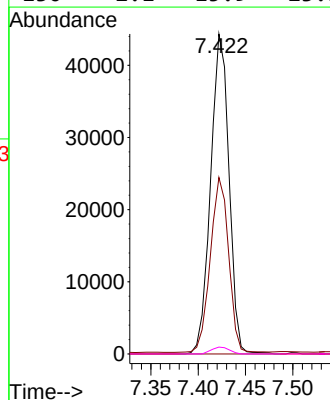
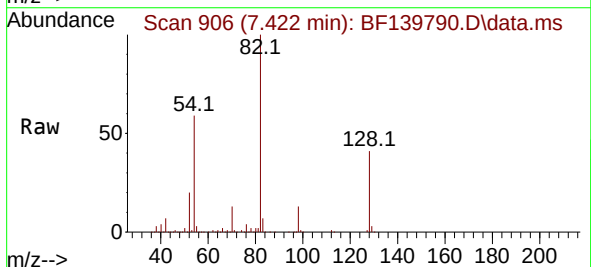
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-2

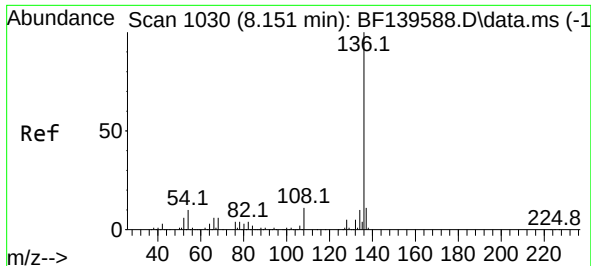
Tgt Ion: 99 Resp: 619116
Ion Ratio Lower Upper
99 100
42 21.8 19.1 28.7
71 34.9 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.561 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

Tgt Ion: 70 Resp: 59664
Ion Ratio Lower Upper
70 100
42 55.2 58.0 87.0#
101 0.0 7.8 11.8#
130 2.1 15.9 23.9#

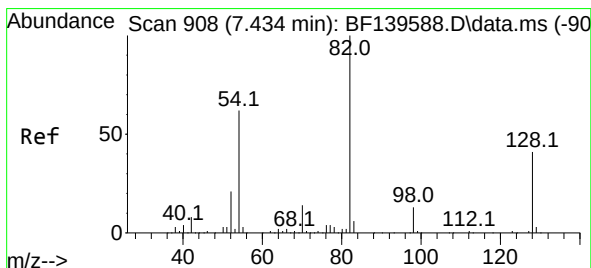
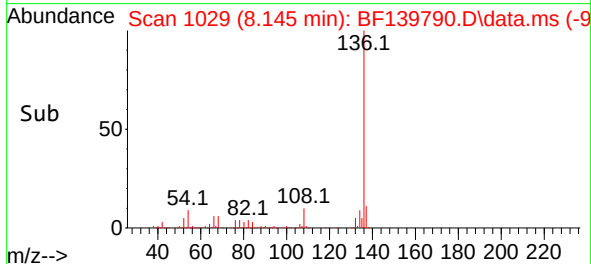
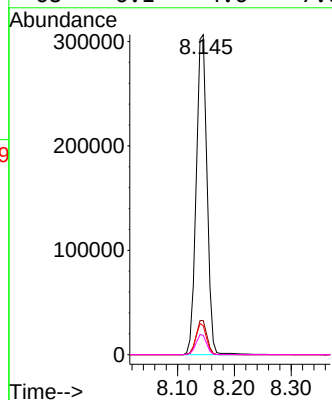
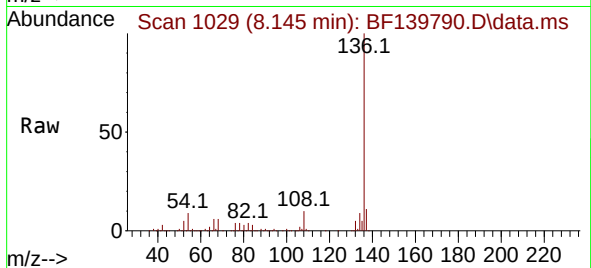




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

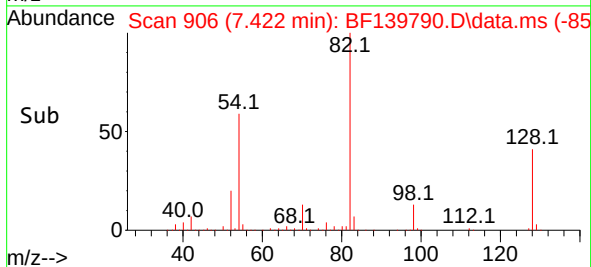
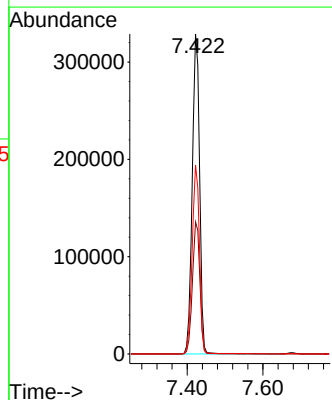
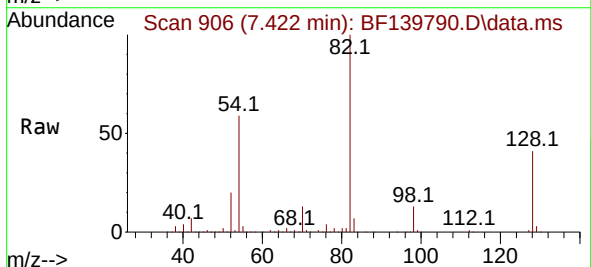
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-2

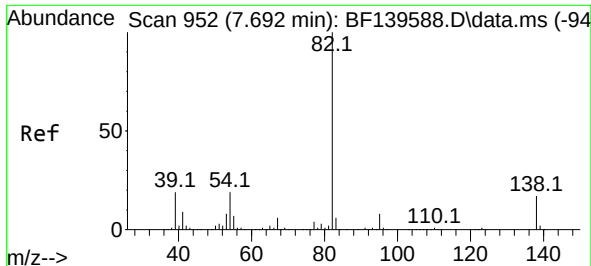
Tgt Ion:136	Resp: 406541
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 9.1	8.3 12.5
68 6.1	4.6 7.0



#23
Nitrobenzene-d5
Concen: 55.295 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

Tgt Ion: 82	Resp: 444001
Ion Ratio	Lower Upper
82 100	
128 41.3	32.4 48.6
54 59.0	49.1 73.7

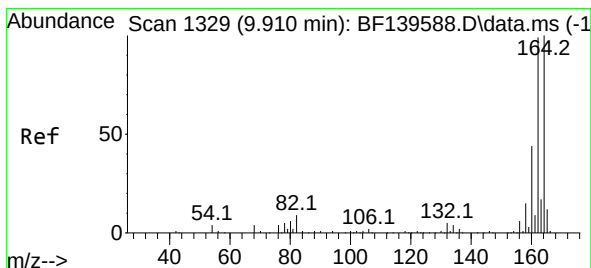
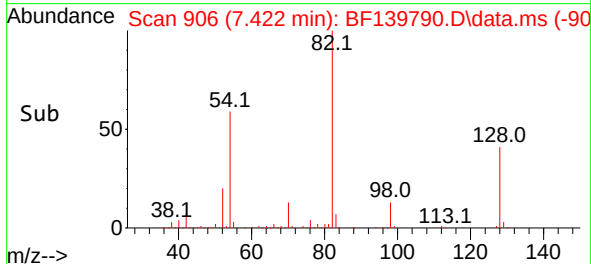
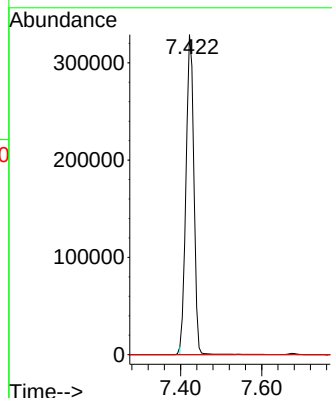
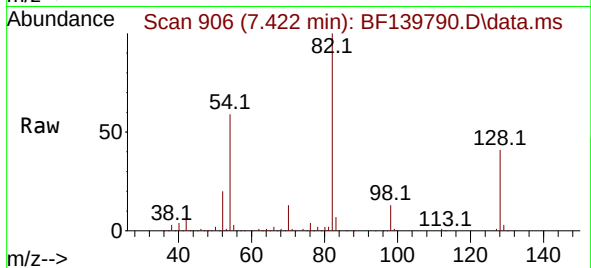




#25
Isophorone
Concen: 30.748 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

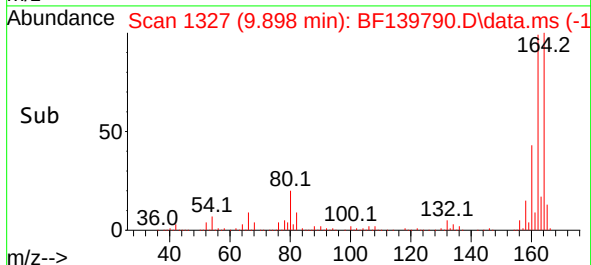
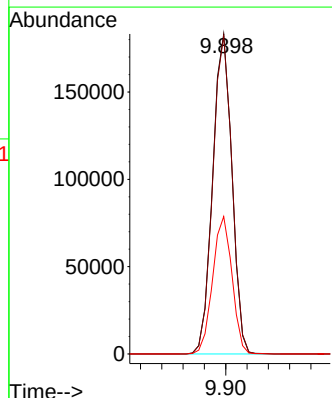
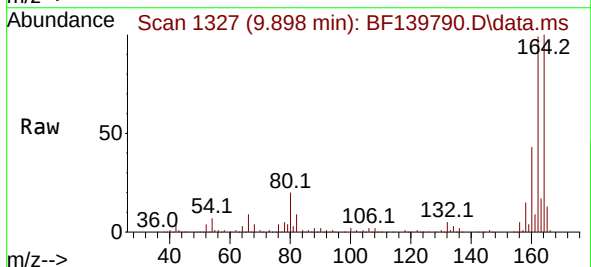
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-2

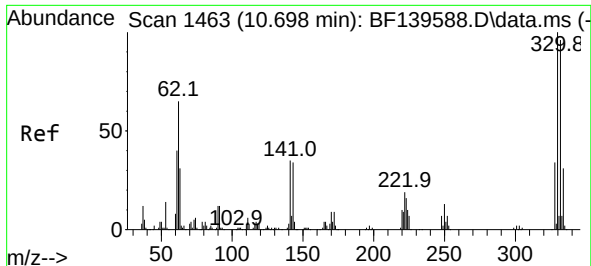
Tgt Ion: 82 Resp: 438514
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

Tgt Ion: 164 Resp: 229363
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 42.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 55.141 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139790.D

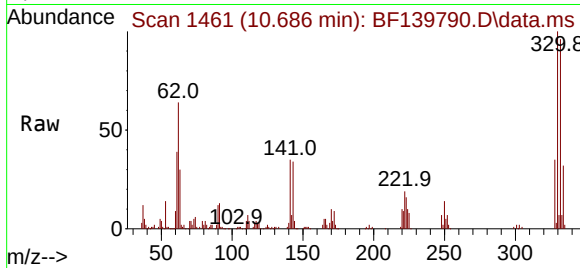
Acq: 14 Oct 2024 16:00

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-2



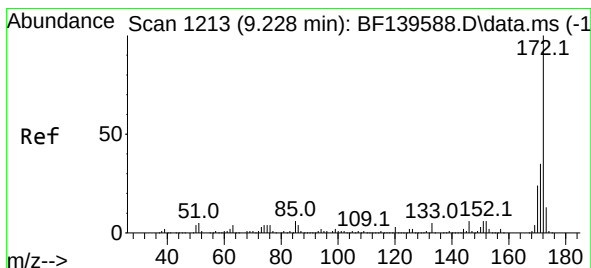
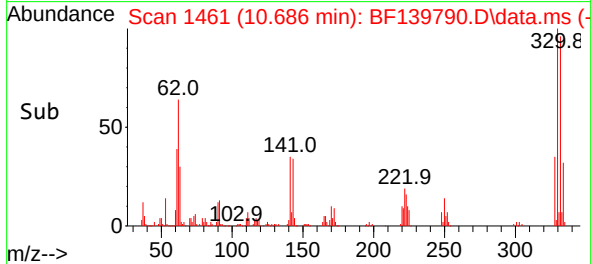
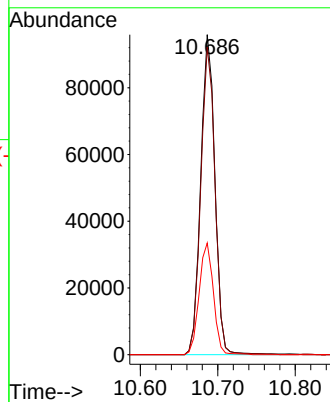
Tgt Ion:330 Resp: 122089

Ion Ratio Lower Upper

330 100

332 96.5 76.5 114.7

141 35.0 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 56.351 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF139790.D

Acq: 14 Oct 2024 16:00

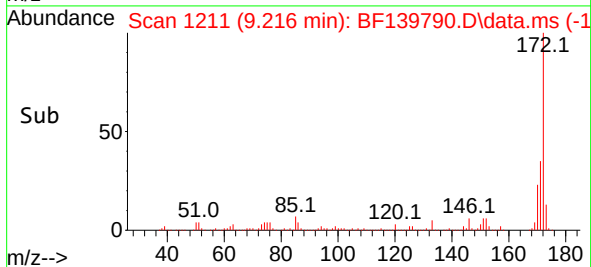
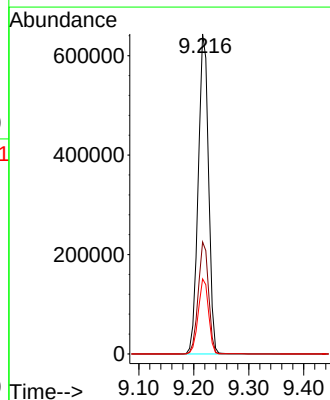
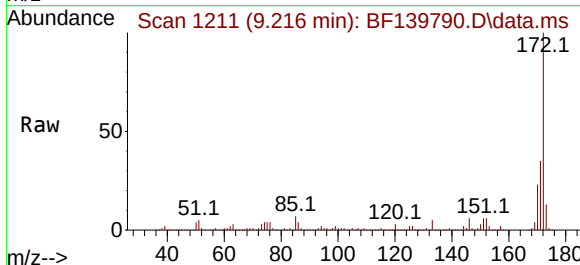
Tgt Ion:172 Resp: 841906

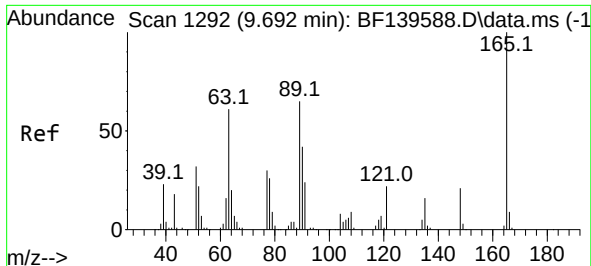
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.4 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.864 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF139790.D

Acq: 14 Oct 2024 16:00

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-2

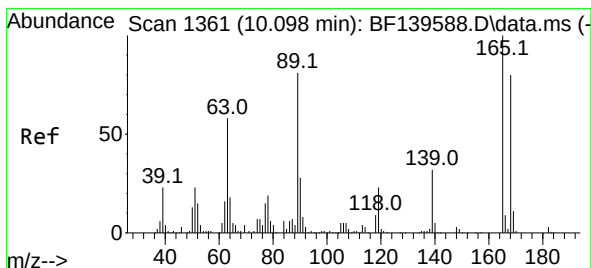
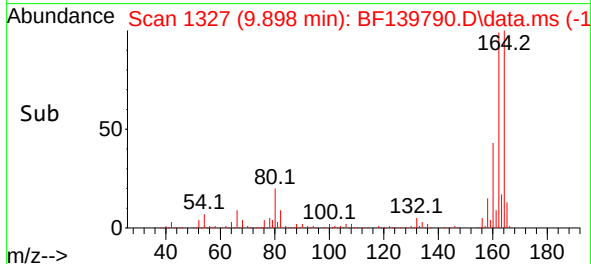
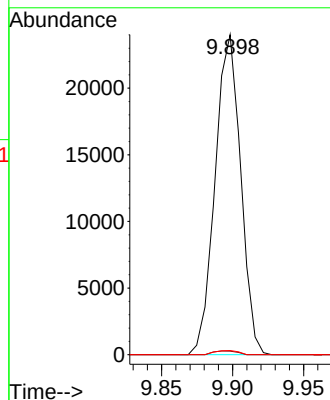
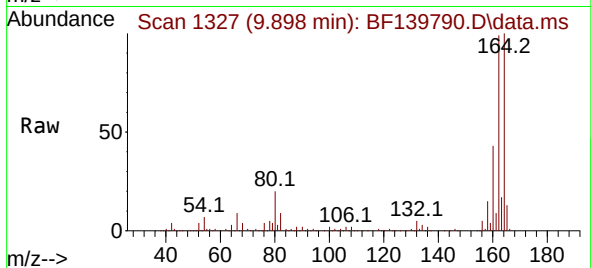
Tgt Ion:165 Resp: 30063

Ion Ratio Lower Upper

165 100

63 1.1 56.7 85.1#

89 1.3 51.6 77.4#



#57

2,4-Dinitrotoluene

Concen: 6.781 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.200 min

Lab File: BF139790.D

Acq: 14 Oct 2024 16:00

Tgt Ion:165 Resp: 30063

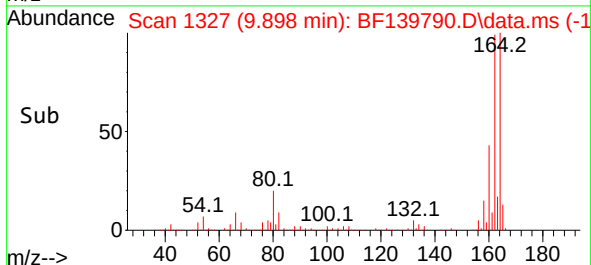
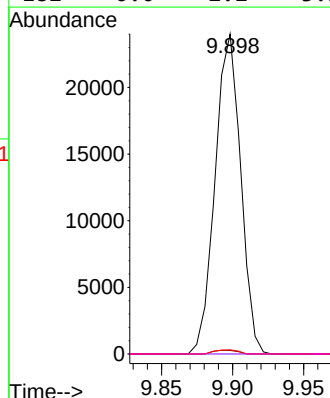
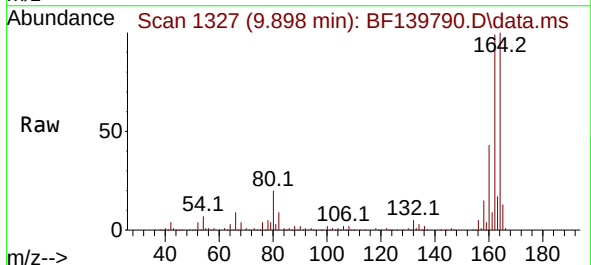
Ion Ratio Lower Upper

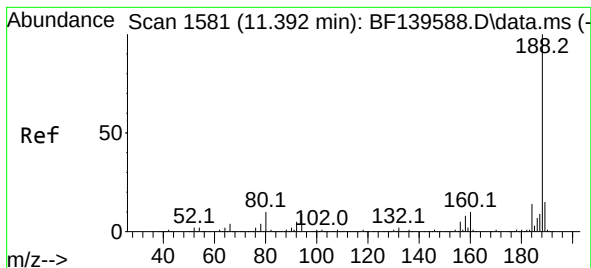
165 100

63 1.1 46.9 70.3#

89 1.3 64.4 96.6#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139790.D

Acq: 14 Oct 2024 16:00

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-2

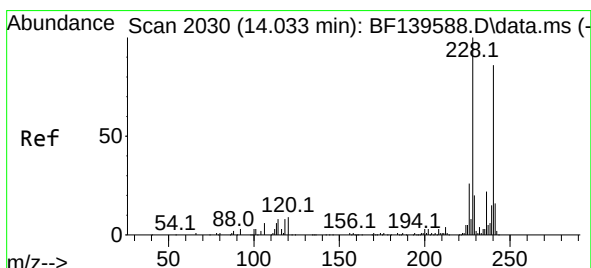
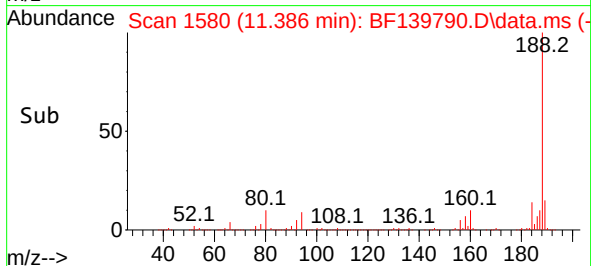
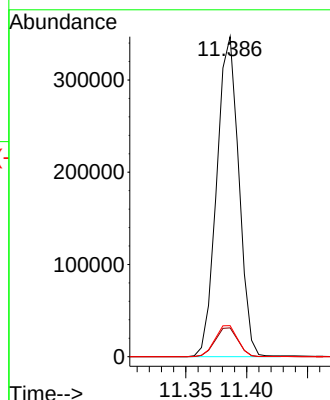
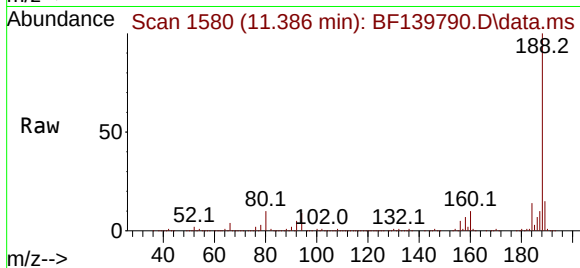
Tgt Ion:188 Resp: 439154

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.7 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139790.D

Acq: 14 Oct 2024 16:00

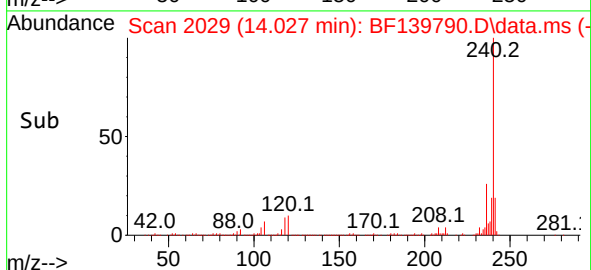
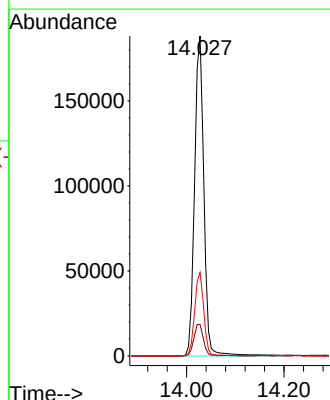
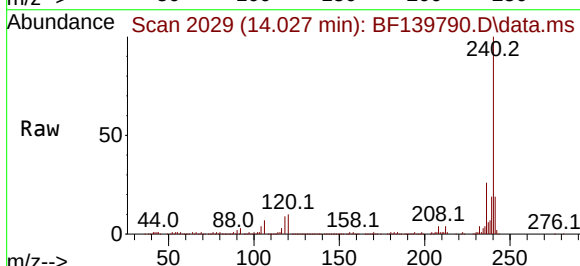
Tgt Ion:240 Resp: 252187

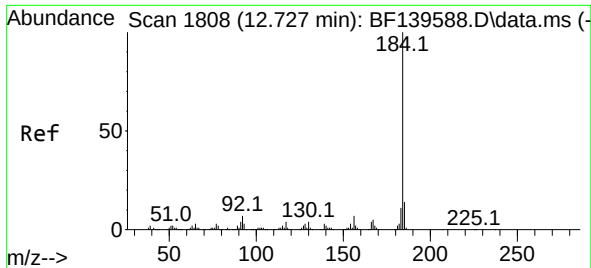
Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

236 26.1 20.3 30.5

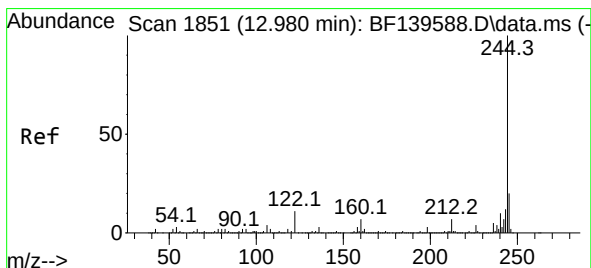
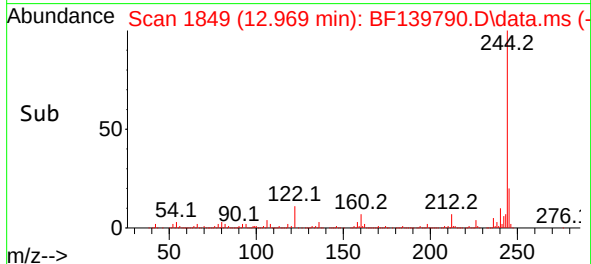
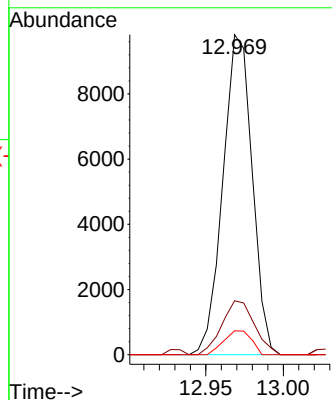
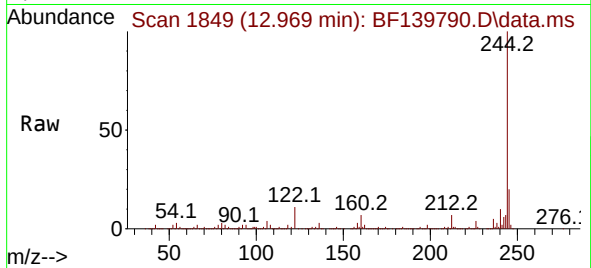




#77
Benzidine
Concen: 2.903 ng
RT: 12.969 min Scan# 1849
Delta R.T. 0.241 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

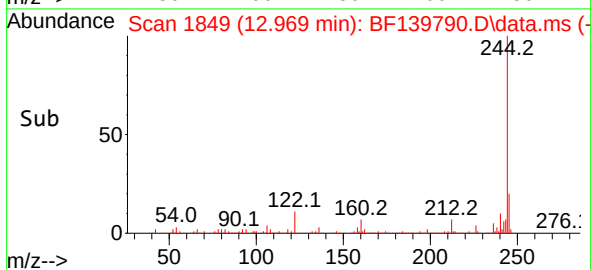
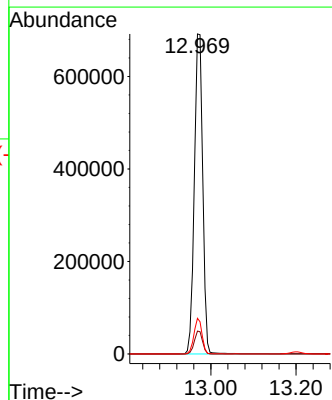
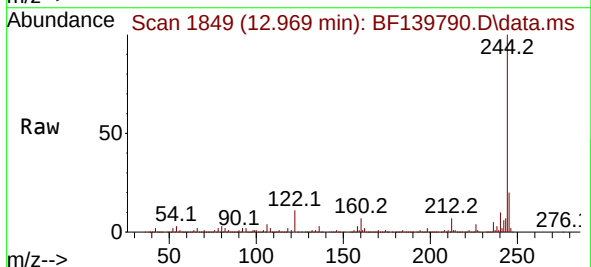
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-2

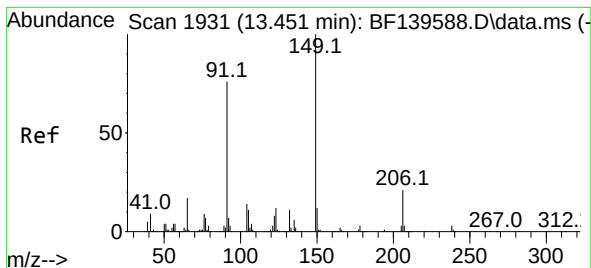
Tgt Ion:184 Resp: 12915
Ion Ratio Lower Upper
184 100
185 16.9 11.4 17.0
183 7.5 8.8 13.2#



#79
Terphenyl-d14
Concen: 61.488 ng
RT: 12.969 min Scan# 1849
Delta R.T. -0.011 min
Lab File: BF139790.D
Acq: 14 Oct 2024 16:00

Tgt Ion:244 Resp: 945045
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.1 8.6 12.8





#80

Butylbenzylphthalate

Concen: 20.331 ng

RT: 13.198 min Scan# 1

Delta R.T. -0.253 min

Lab File: BF139790.D

Acq: 14 Oct 2024 16:00

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-2

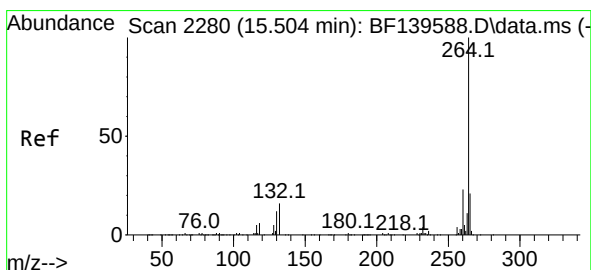
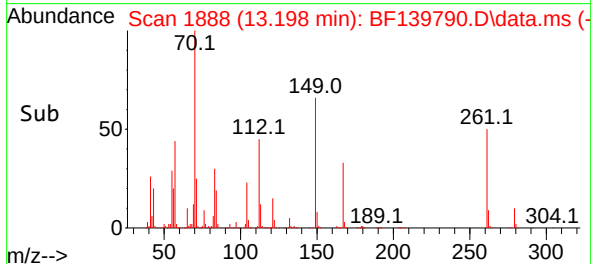
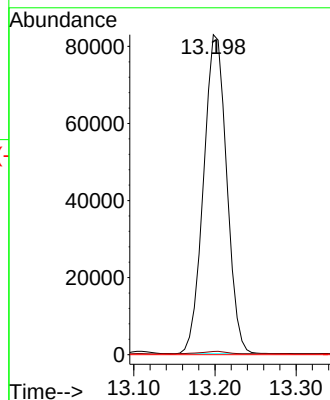
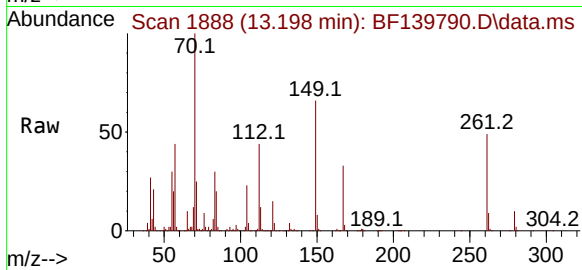
Tgt Ion:149 Resp: 164028

Ion Ratio Lower Upper

149 100

91 1.0 61.0 91.4#

206 0.0 16.6 24.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139790.D

Acq: 14 Oct 2024 16:00

Tgt Ion:264 Resp: 173358

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.5 16.9 25.3

