

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141509.D
 Acq On : 07 Feb 2025 15:58
 Operator : RC/JU
 Sample : Q1304-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB21140

Quant Time: Feb 07 16:47:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

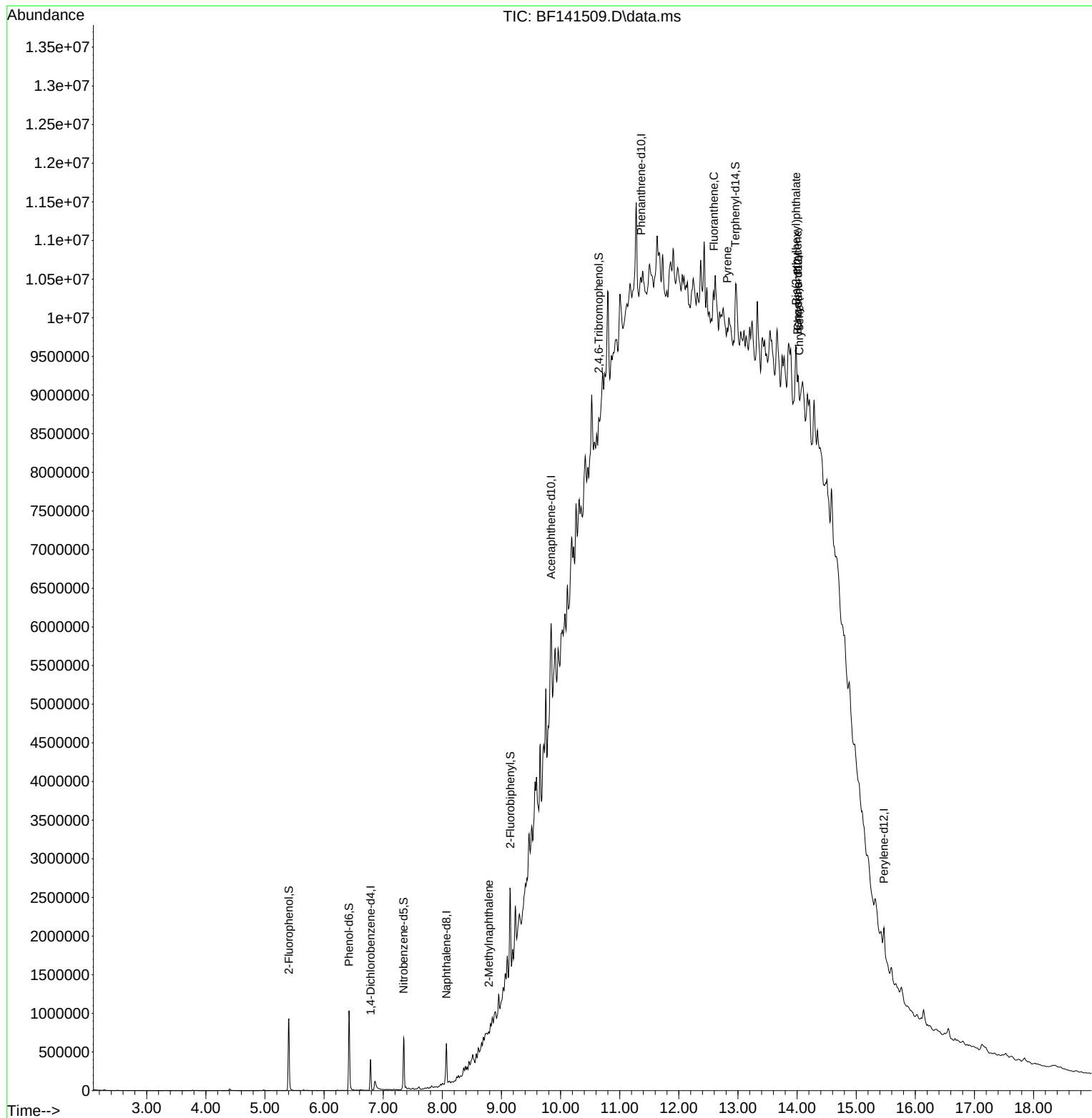
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	79850	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	298724	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	132071	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	125915	20.000	ng	# 0.05
76) Chrysene-d12	14.015	240	126606	20.000	ng	# 0.05
86) Perylene-d12	15.468	264	120663	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	353533	69.411	ng	0.00
7) Phenol-d6	6.422	99	450201	69.934	ng	-0.02
23) Nitrobenzene-d5	7.345	82	289072	50.473	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	84610	63.774	ng	0.02
45) 2-Fluorobiphenyl	9.151	172	467516	54.537	ng	0.00
79) Terphenyl-d14	12.957	244	315900	42.122	ng	0.05
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.786	142	22009	2.175	ng	99
75) Fluoranthene	12.592	202	50365	6.854	ng	# 32
78) Pyrene	12.821	202	50957	4.728	ng	# 50
81) Benzo(a)anthracene	14.010	228	24455	2.906	ng	# 53
83) Chrysene	14.039	228	27797	3.577	ng	# 64
84) Bis(2-ethylhexyl)phtha...	13.986	149	135321	32.140	ng	# 78

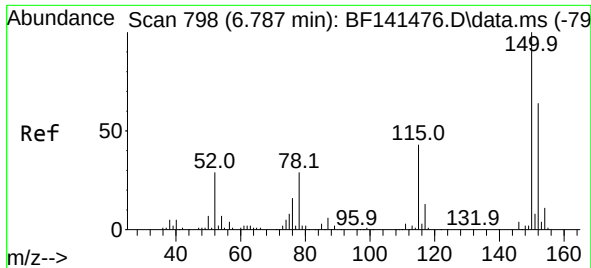
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
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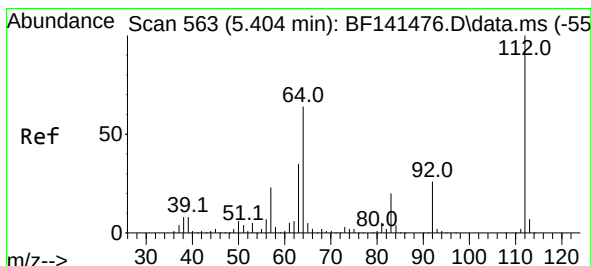
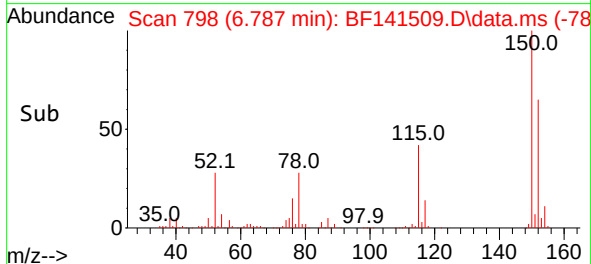
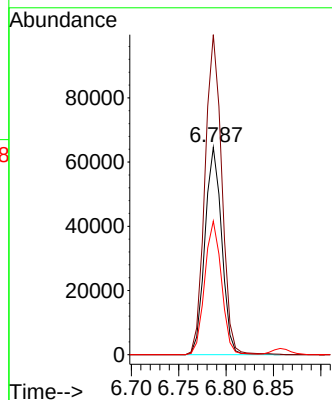
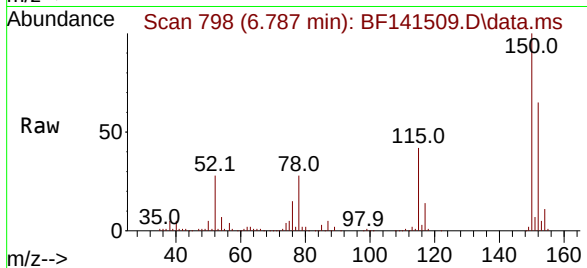




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141509.D
 Acq: 07 Feb 2025 15:58

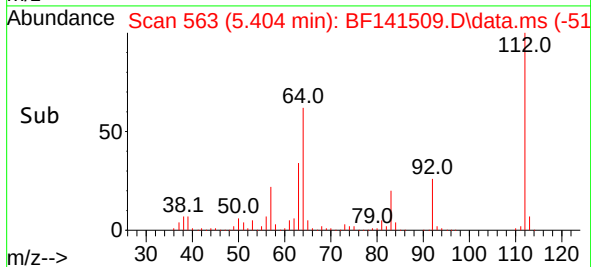
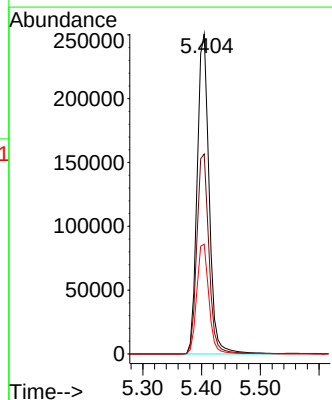
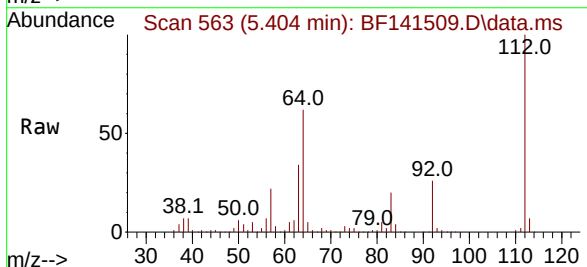
Instrument :
 BNA_F
 ClientSampleId :
 RB21140

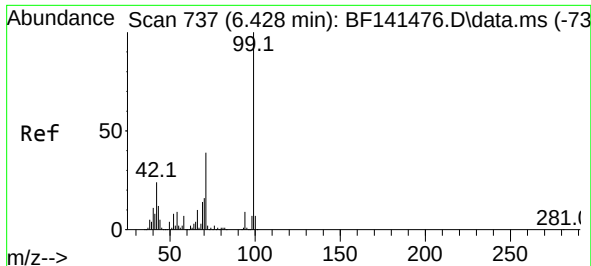
Tgt Ion:152 Resp: 79850
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.0 187.4
 115 64.4 53.6 80.4



#5
 2-Fluorophenol
 Concen: 69.411 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141509.D
 Acq: 07 Feb 2025 15:58

Tgt Ion:112 Resp: 353533
 Ion Ratio Lower Upper
 112 100
 64 62.5 51.1 76.7
 63 34.3 28.4 42.6

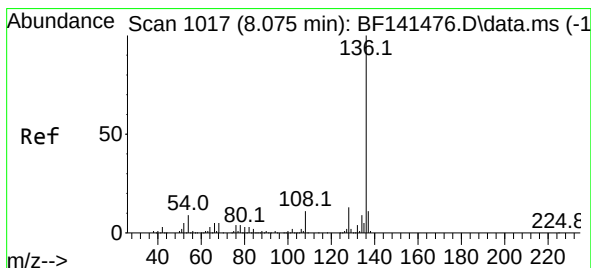
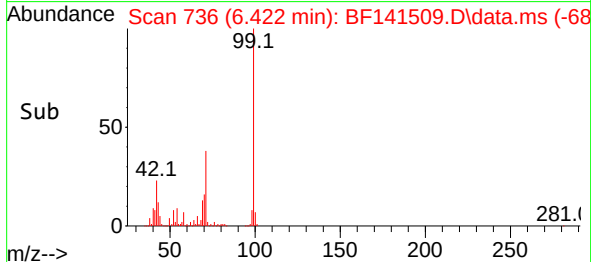
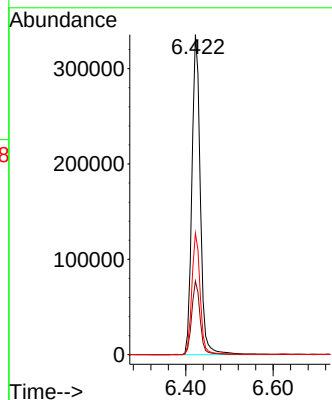
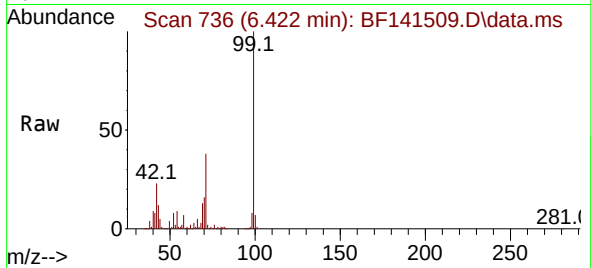




#7
Phenol-d6
Concen: 69.934 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141509.D
Acq: 07 Feb 2025 15:58

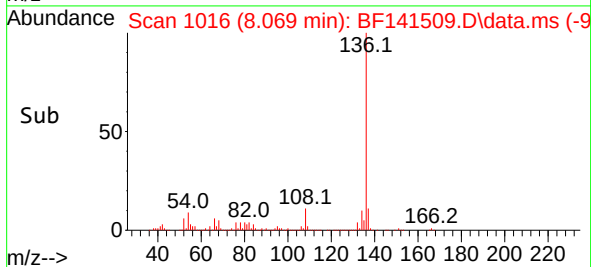
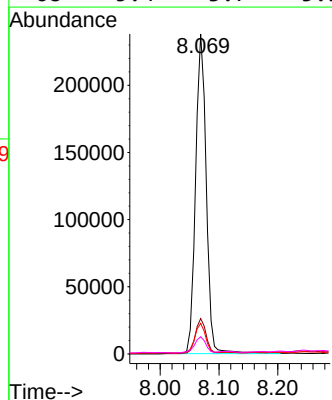
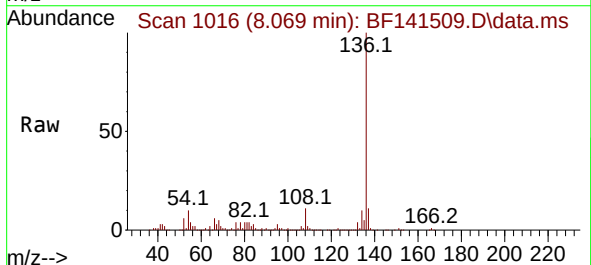
Instrument :
BNA_F
ClientSampleId :
RB21140

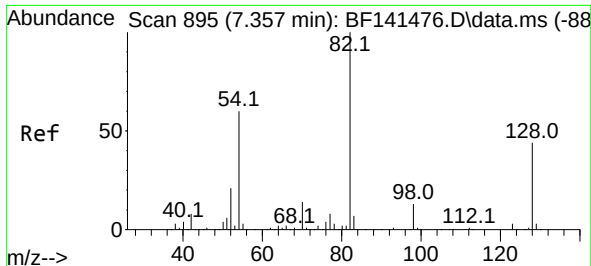
Tgt Ion: 99 Resp: 450201
Ion Ratio Lower Upper
99 100
42 23.0 19.1 28.7
71 38.0 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141509.D
Acq: 07 Feb 2025 15:58

Tgt Ion: 136 Resp: 298724
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.5 7.2 10.8
68 5.4 3.7 5.5

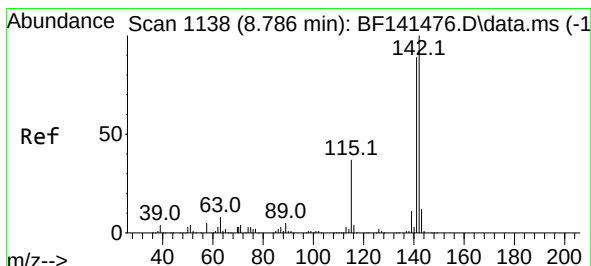
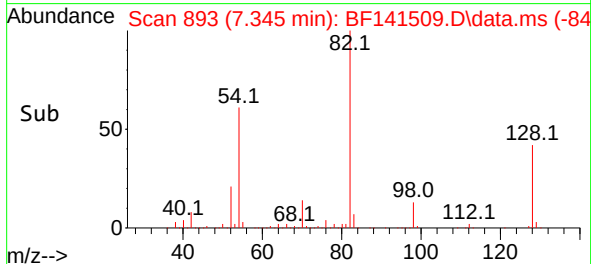
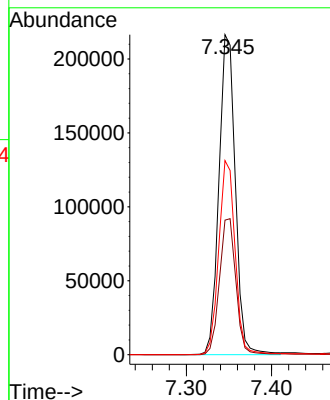
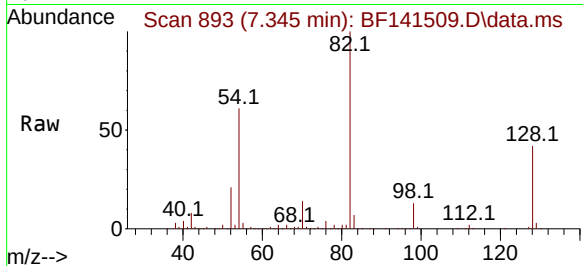




#23
 Nitrobenzene-d5
 Concen: 50.473 ng
 RT: 7.345 min Scan# 895
 Delta R.T. -0.018 min
 Lab File: BF141509.D
 Acq: 07 Feb 2025 15:58

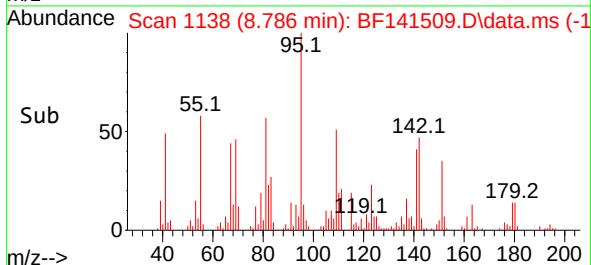
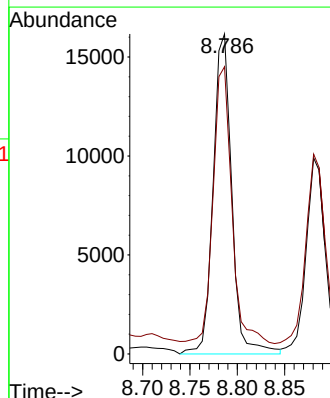
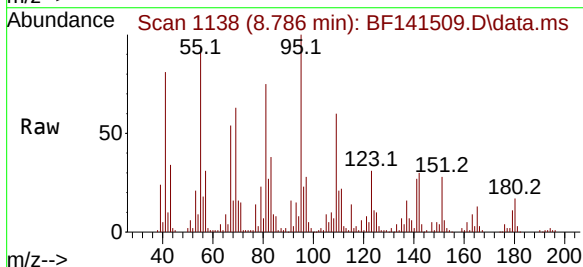
Instrument :
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 ClientSampleId :
 RB21140

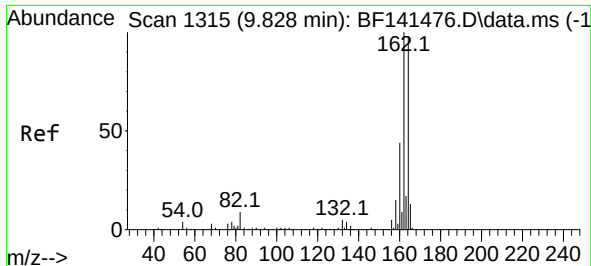
Tgt Ion: 82 Resp: 289072
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.8 52.2
 54 60.7 48.2 72.4



#37
 2-Methylnaphthalene
 Concen: 2.175 ng
 RT: 8.786 min Scan# 1138
 Delta R.T. 0.000 min
 Lab File: BF141509.D
 Acq: 07 Feb 2025 15:58

Tgt Ion: 142 Resp: 22009
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.2 106.8

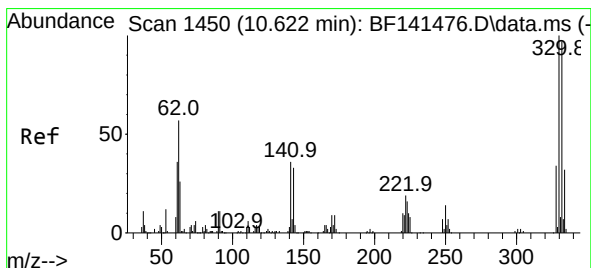
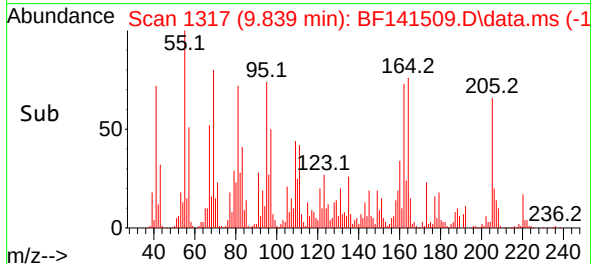
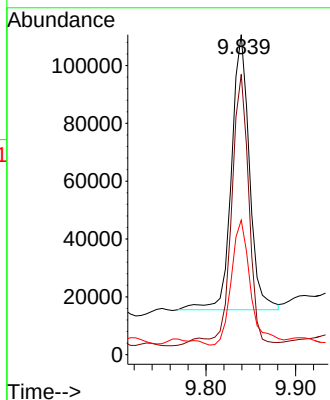
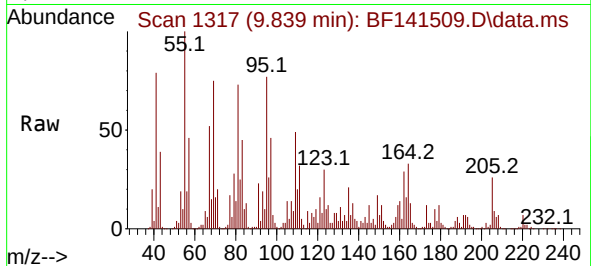




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF141509.D
Acq: 07 Feb 2025 15:58

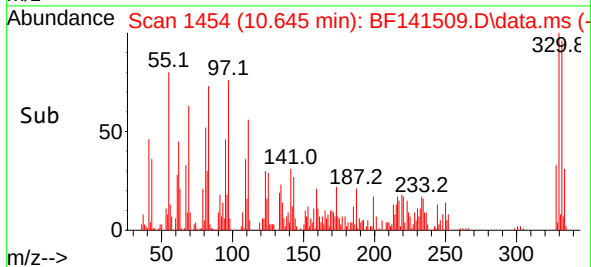
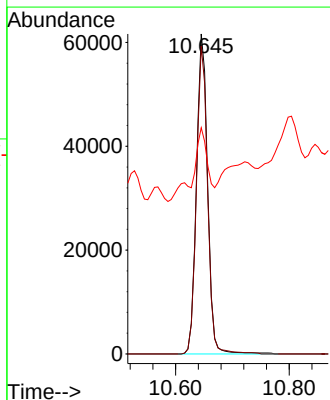
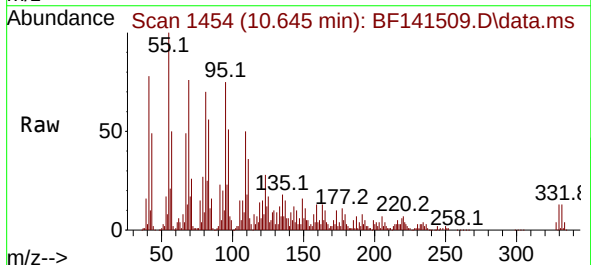
Instrument :
BNA_F
ClientSampleId :
RB21140

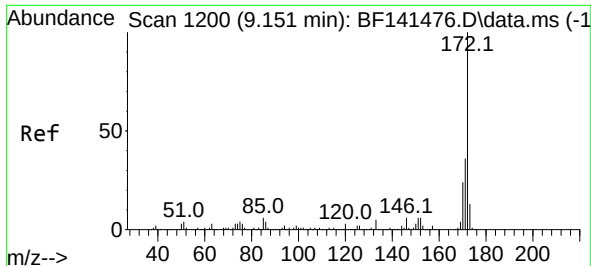
Tgt Ion:164 Resp: 132071
Ion Ratio Lower Upper
164 100
162 87.6 81.3 121.9
160 42.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 63.774 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.018 min
Lab File: BF141509.D
Acq: 07 Feb 2025 15:58

Tgt Ion:330 Resp: 84610
Ion Ratio Lower Upper
330 100
332 96.1 78.5 117.7
141 15.5 31.0 46.4#





#45

2-Fluorobiphenyl

Concen: 54.537 ng

RT: 9.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141509.D

Acq: 07 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

RB21140

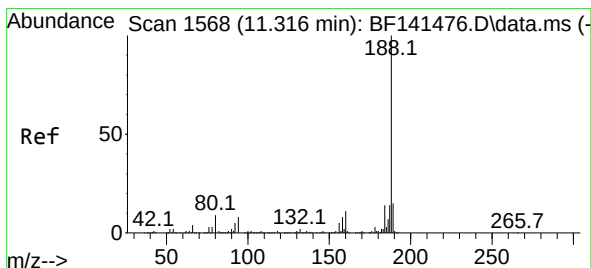
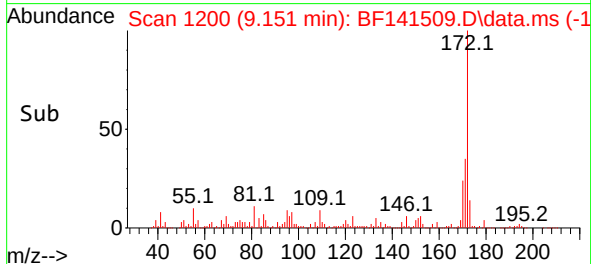
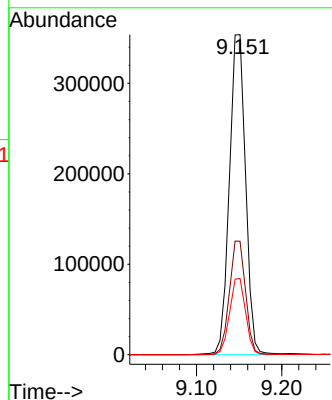
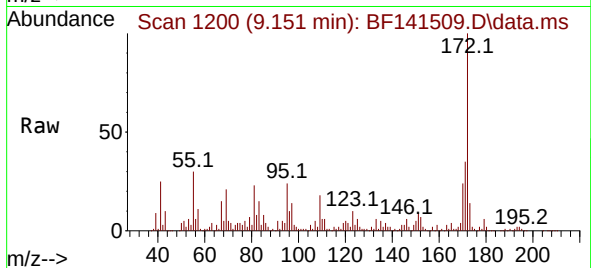
Tgt Ion:172 Resp: 467516

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.8 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1576

Delta R.T. 0.047 min

Lab File: BF141509.D

Acq: 07 Feb 2025 15:58

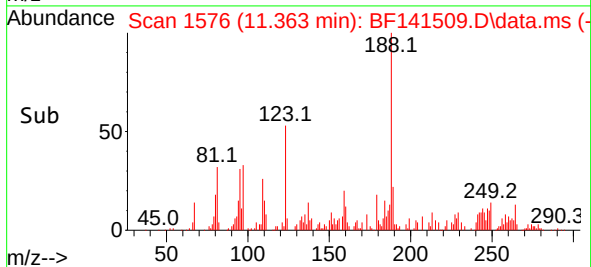
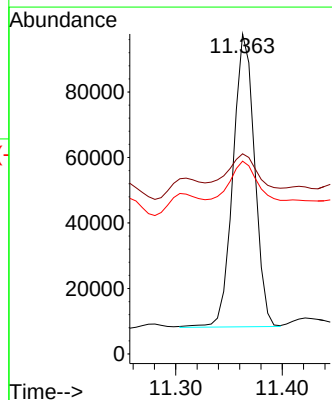
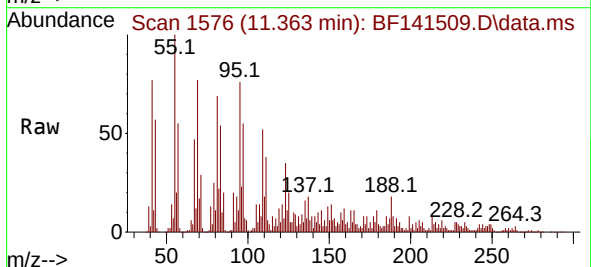
Tgt Ion:188 Resp: 125915

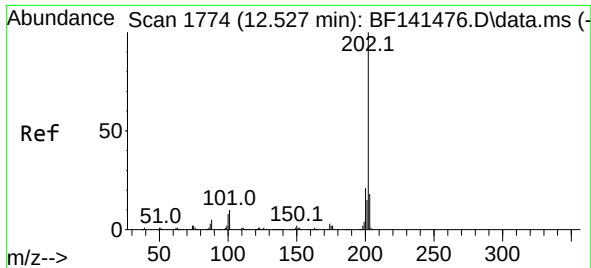
Ion Ratio Lower Upper

188 100

94 62.6 6.6 10.0#

80 60.3 7.3 10.9#

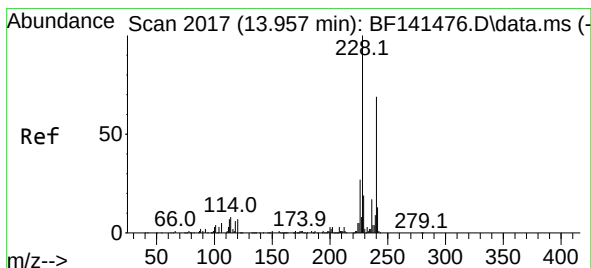
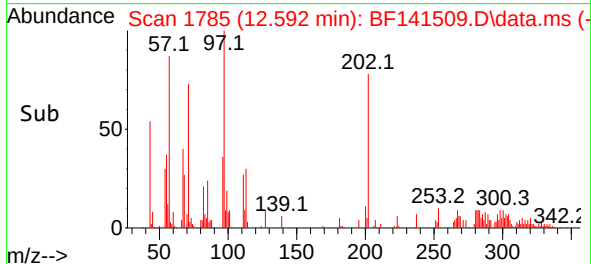
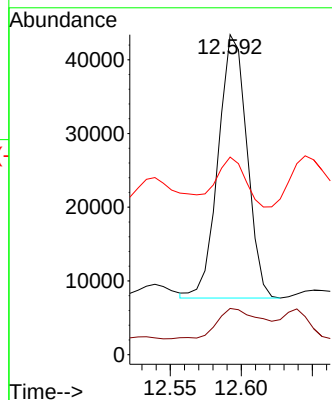
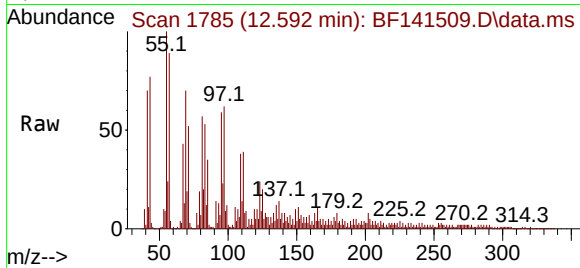




#75
Fluoranthene
Concen: 6.854 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF141509.D
Acq: 07 Feb 2025 15:58

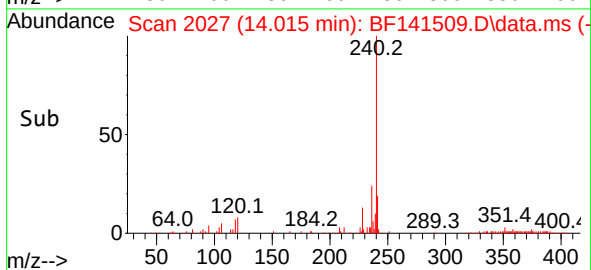
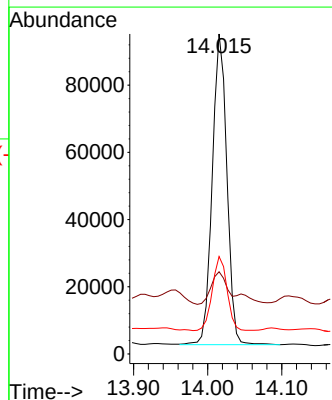
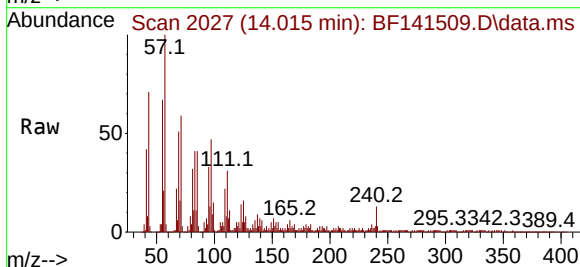
Instrument :
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ClientSampleId :
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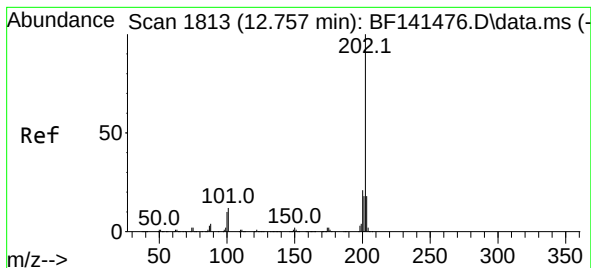
Tgt Ion:202 Resp: 50365
Ion Ratio Lower Upper
202 100
101 14.4 0.0 30.2
203 61.7 0.0 37.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.053 min
Lab File: BF141509.D
Acq: 07 Feb 2025 15:58

Tgt Ion:240 Resp: 126606
Ion Ratio Lower Upper
240 100
120 25.7 8.0 12.0#
236 30.4 19.8 29.8#





#78

Pyrene

Concen: 4.728 ng

RT: 12.821 min Scan# 1824

Delta R.T. 0.059 min

Lab File: BF141509.D

Acq: 07 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

RB21140

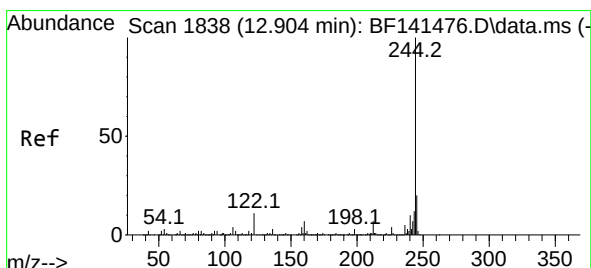
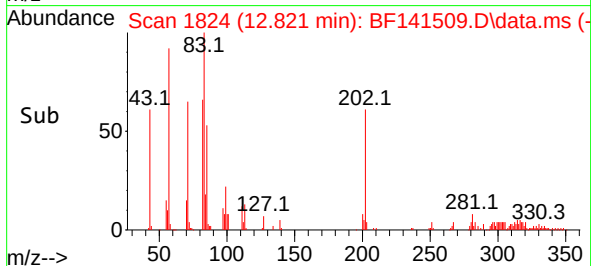
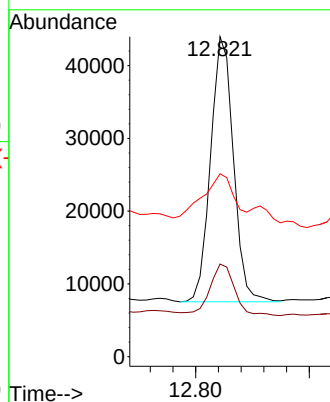
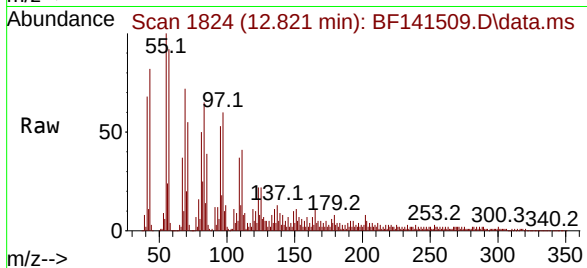
Tgt Ion:202 Resp: 50957

Ion Ratio Lower Upper

202 100

200 29.0 17.0 25.4#

203 57.1 14.3 21.5#



#79

Terphenyl-d14

Concen: 42.122 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.053 min

Lab File: BF141509.D

Acq: 07 Feb 2025 15:58

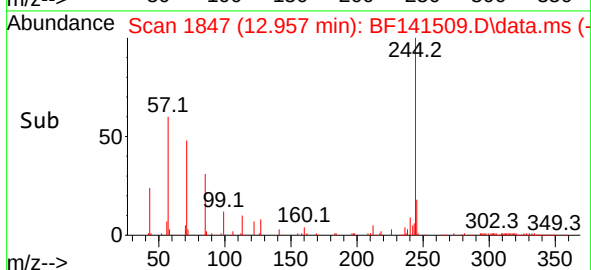
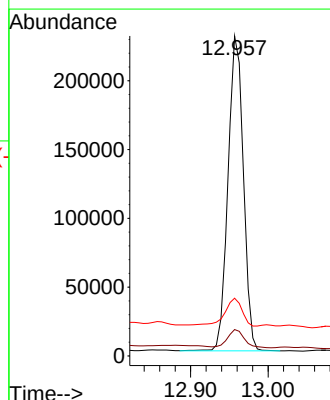
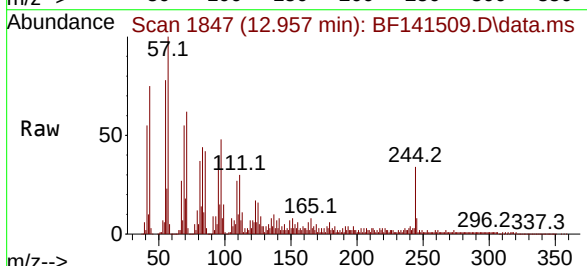
Tgt Ion:244 Resp: 315900

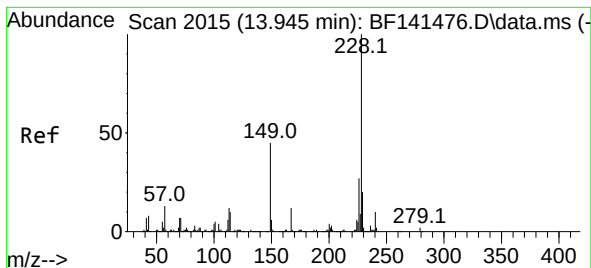
Ion Ratio Lower Upper

244 100

212 8.2 5.6 8.4

122 18.1 8.4 12.6#





#81

Benzo(a)anthracene

Concen: 2.906 ng

RT: 14.010 min Scan# 2030

Delta R.T. 0.059 min

Lab File: BF141509.D

Acq: 07 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

RB21140

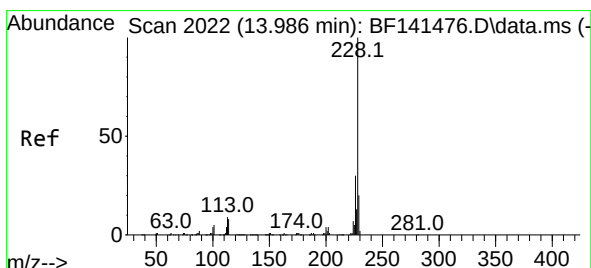
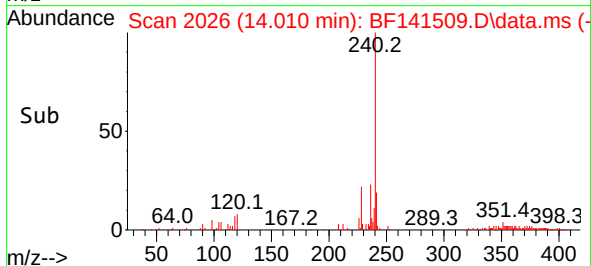
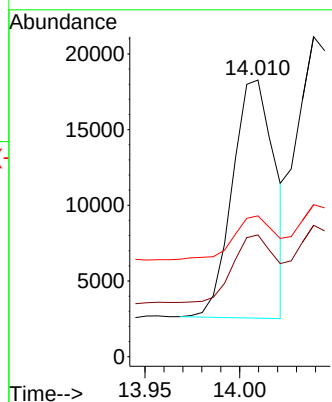
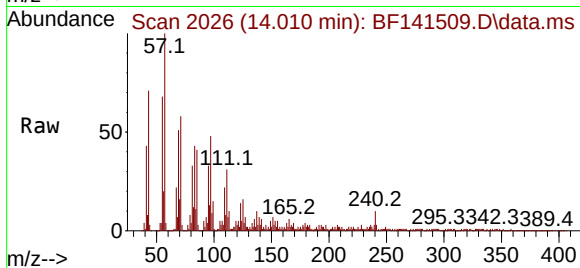
Tgt Ion:228 Resp: 24455

Ion Ratio Lower Upper

228 100

226 44.0 21.8 32.8#

229 50.9 15.8 23.6#



#83

Chrysene

Concen: 3.577 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.047 min

Lab File: BF141509.D

Acq: 07 Feb 2025 15:58

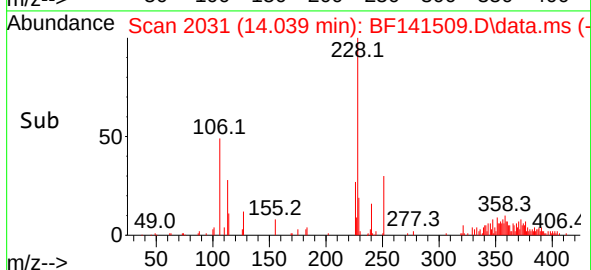
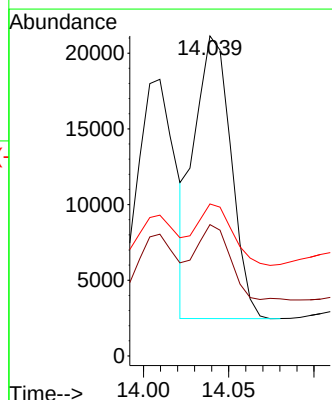
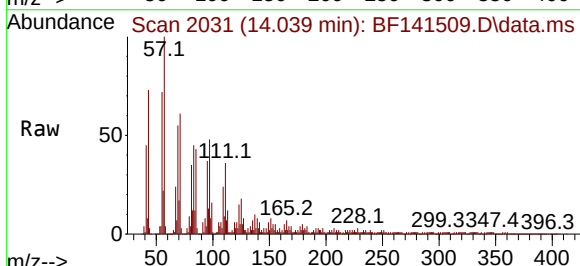
Tgt Ion:228 Resp: 27797

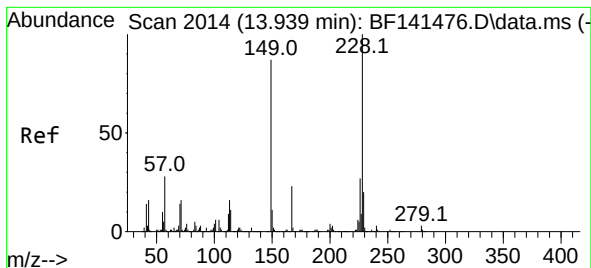
Ion Ratio Lower Upper

228 100

226 41.0 24.0 36.0#

229 47.5 15.7 23.5#

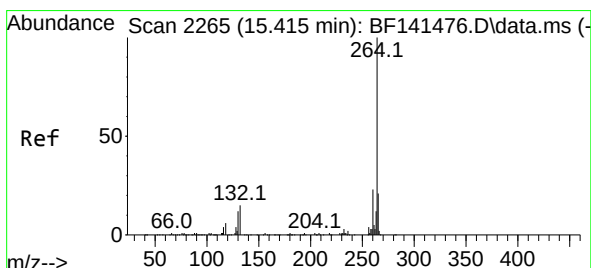
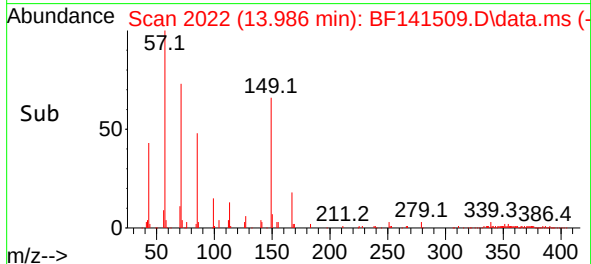
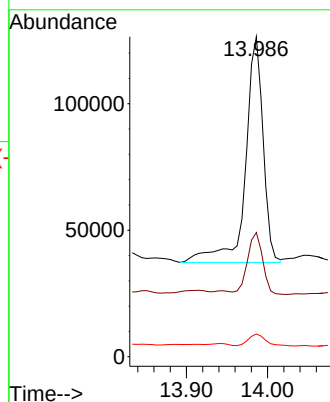
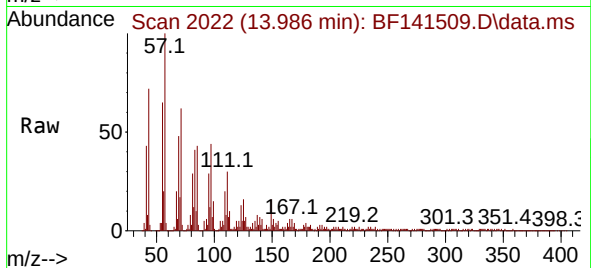




#84
Bis(2-ethylhexyl)phthalate
Concen: 32.140 ng
RT: 13.986 min Scan# 2014
Delta R.T. 0.047 min
Lab File: BF141509.D
Acq: 07 Feb 2025 15:58

Instrument :
BNA_F
ClientSampleId :
RB21140

Tgt Ion:149 Resp: 135321
Ion Ratio Lower Upper
149 100
167 38.8 21.4 32.0#
279 7.1 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.053 min
Lab File: BF141509.D
Acq: 07 Feb 2025 15:58

Tgt Ion:264 Resp: 120663
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.7 17.0 25.4

