

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141393.D
 Acq On : 04 Feb 2025 02:09
 Operator : RC/JU
 Sample : Q1219-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0015

Quant Time: Feb 04 03:40:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

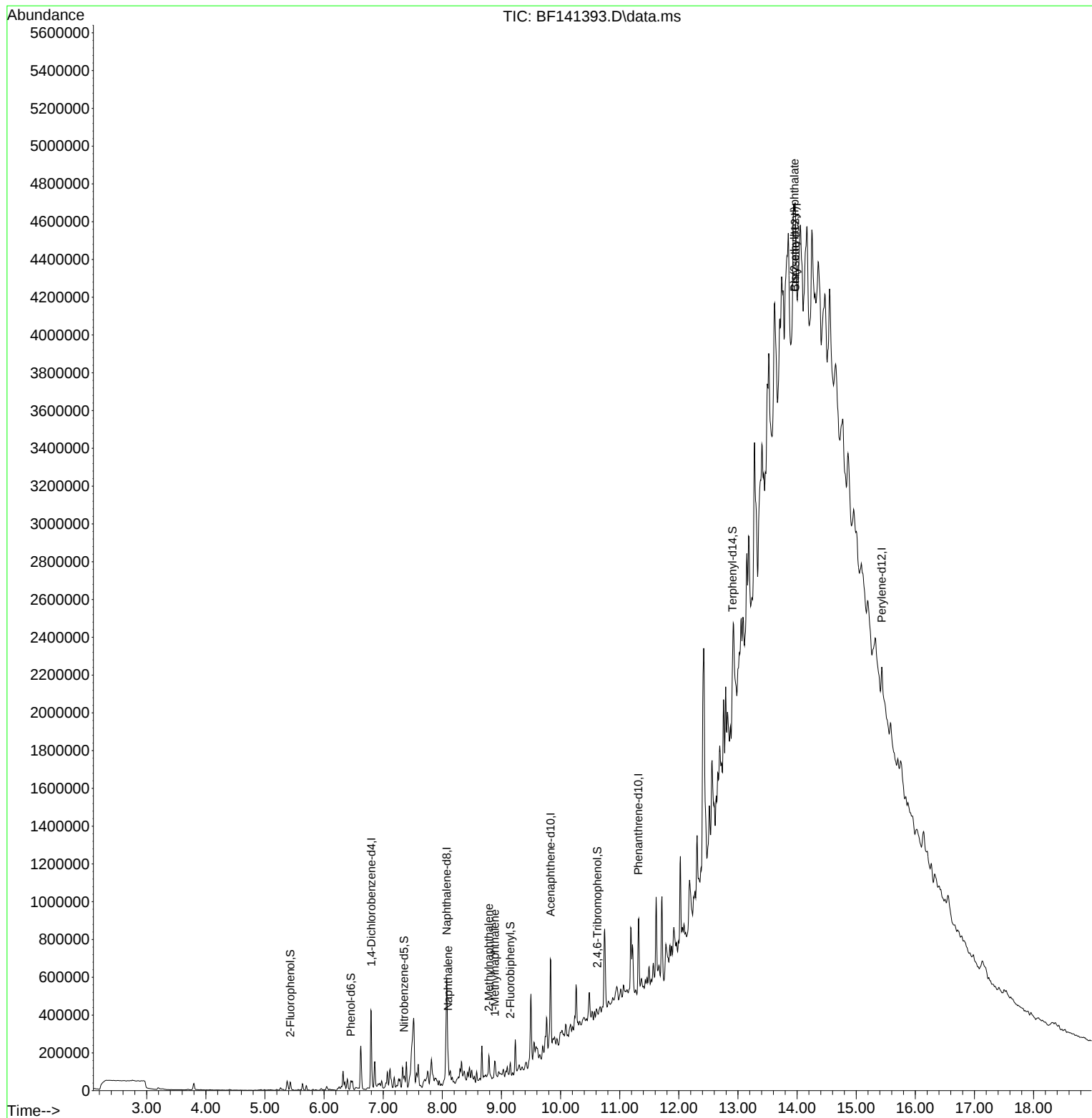
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	83729	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	300497	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	129231	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	205059	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	132719	20.000	ng	0.00
86) Perylene-d12	15.433	264	105086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	18075	3.314	ng	0.02
7) Phenol-d6	6.451	99	21217	3.058	ng	0.01
23) Nitrobenzene-d5	7.351	82	15985	2.804	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	3373	2.847	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	26698	3.180	ng	-0.01
79) Terphenyl-d14	12.910	244	24678	2.868	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.098	128	52345	3.297	ng	98
37) 2-Methylnaphthalene	8.786	142	48440	4.801	ng	99
38) 1-Methylnaphthalene	8.886	142	25629	2.586	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	49272	8.727	ng	# 80

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

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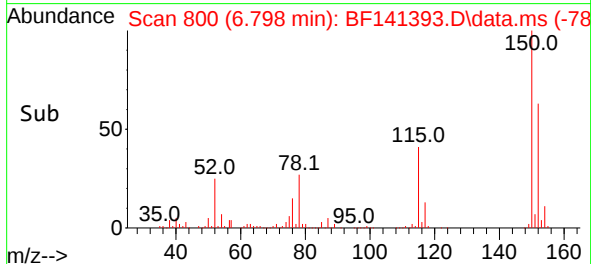
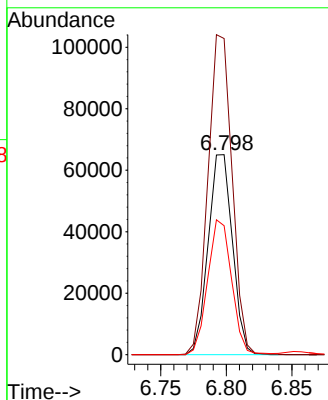
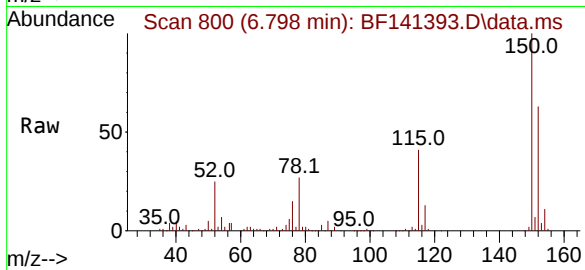




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141393.D
 Acq: 04 Feb 2025 02:09

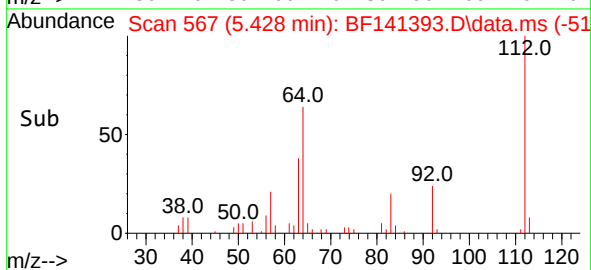
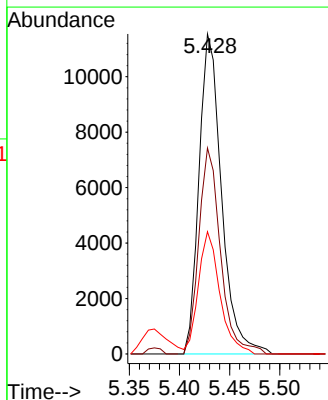
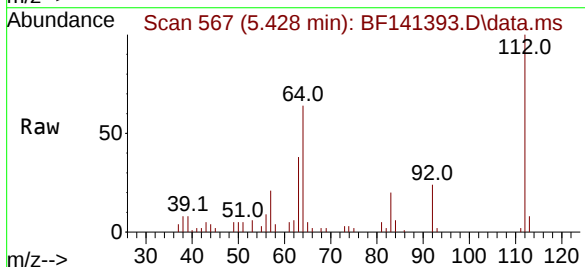
Instrument :
 BNA_F
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 LAW-25-0015

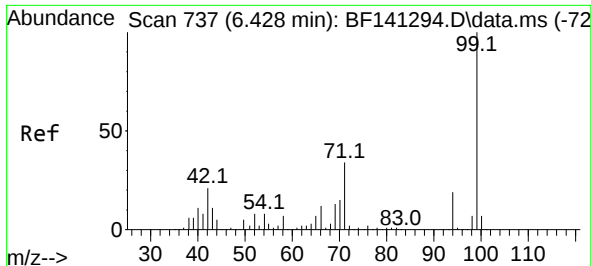
Tgt Ion:152 Resp: 83729
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.9 188.9
 115 64.5 49.7 74.5



#5
 2-Fluorophenol
 Concen: 3.314 ng
 RT: 5.428 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF141393.D
 Acq: 04 Feb 2025 02:09

Tgt Ion:112 Resp: 18075
 Ion Ratio Lower Upper
 112 100
 64 64.3 49.8 74.8
 63 38.2 26.1 39.1

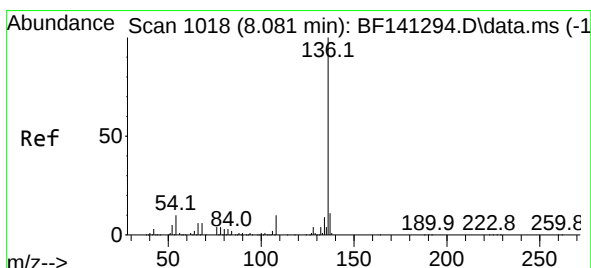
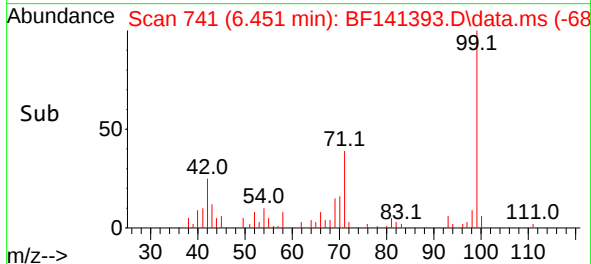
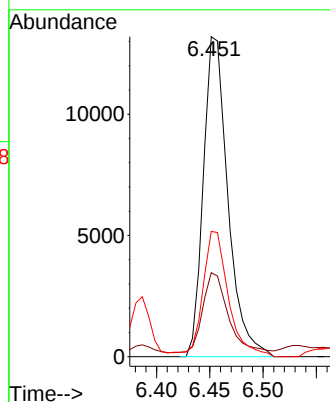
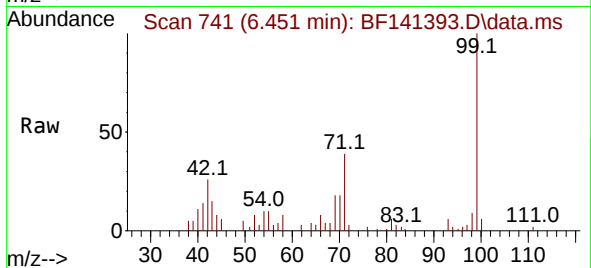




#7
Phenol-d6
Concen: 3.058 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

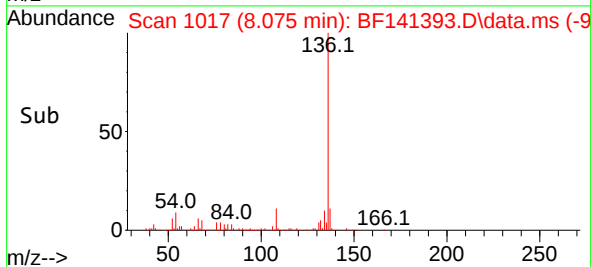
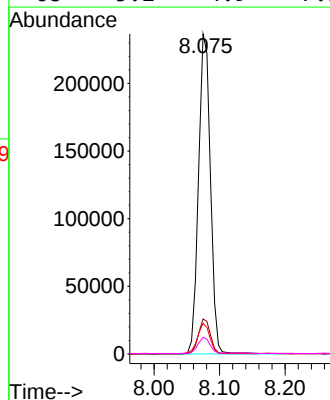
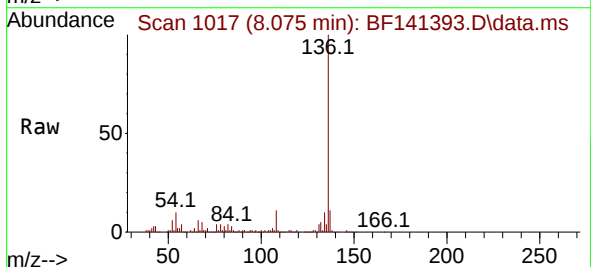
Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

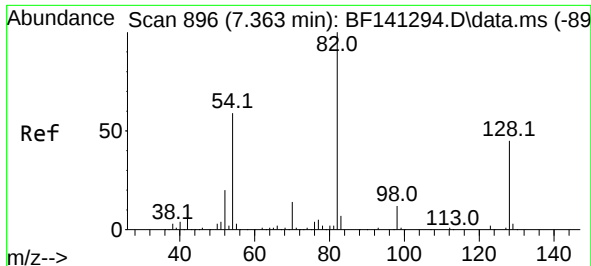
Tgt Ion: 99 Resp: 21217
Ion Ratio Lower Upper
99 100
42 26.3 17.1 25.7#
71 39.2 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Tgt Ion: 136 Resp: 300497
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.6 7.8 11.8
68 5.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 2.804 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF141393.D

Acq: 04 Feb 2025 02:09

Instrument :

BNA_F

ClientSampleId :

LAW-25-0015

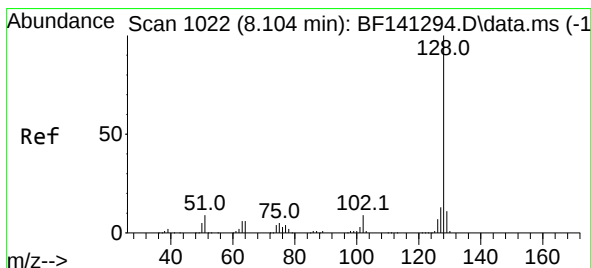
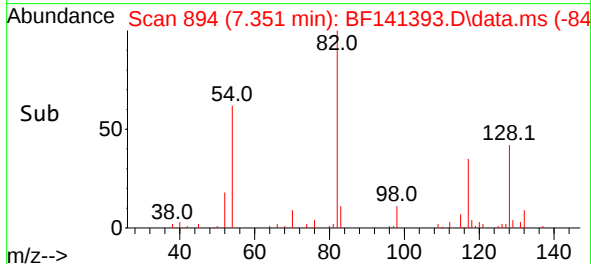
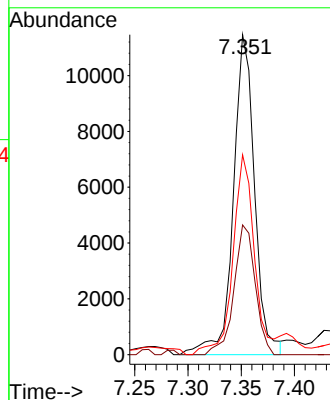
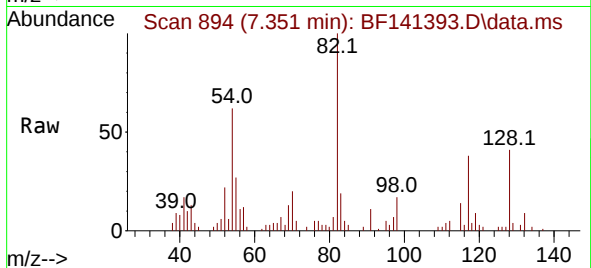
Tgt Ion: 82 Resp: 15985

Ion Ratio Lower Upper

82 100

128 40.5 35.7 53.5

54 62.5 47.1 70.7



#31

Naphthalene

Concen: 3.297 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.012 min

Lab File: BF141393.D

Acq: 04 Feb 2025 02:09

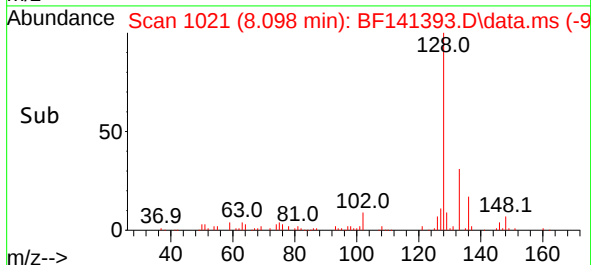
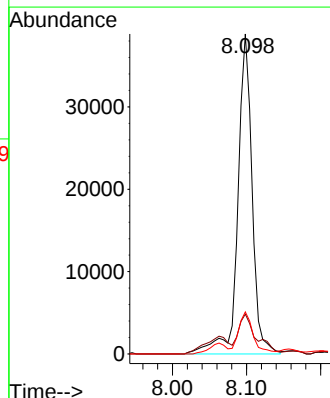
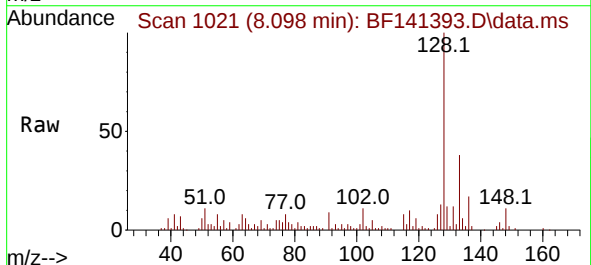
Tgt Ion: 128 Resp: 52345

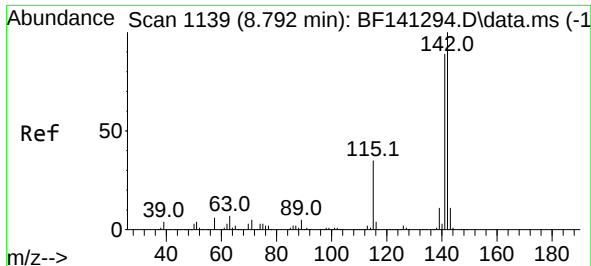
Ion Ratio Lower Upper

128 100

129 12.5 8.9 13.3

127 13.2 10.6 15.8

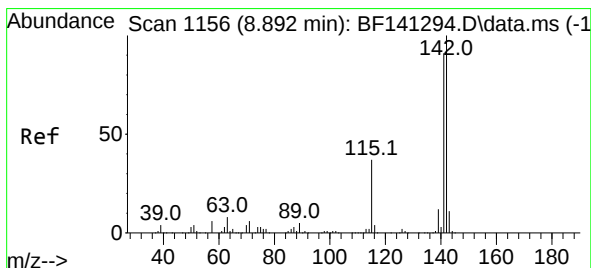
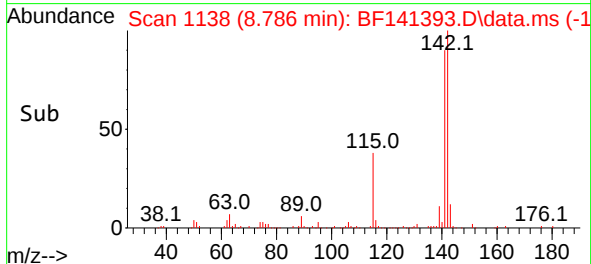
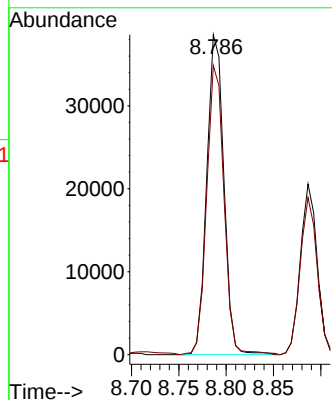
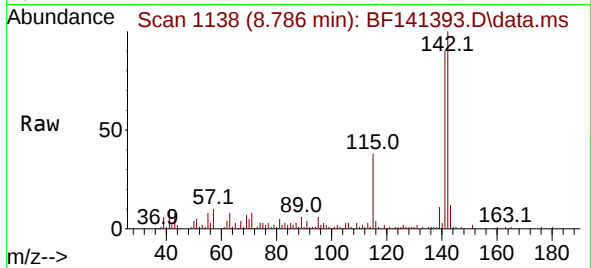




#37
2-Methylnaphthalene
Concen: 4.801 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

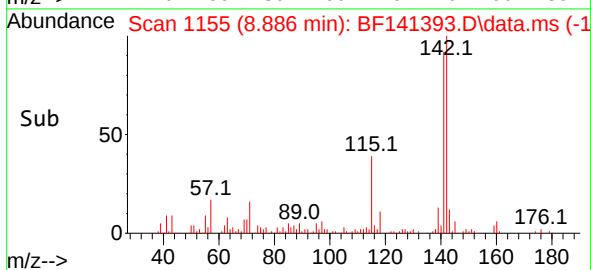
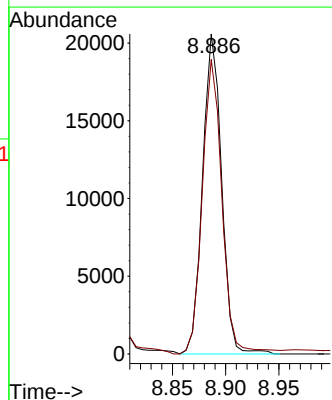
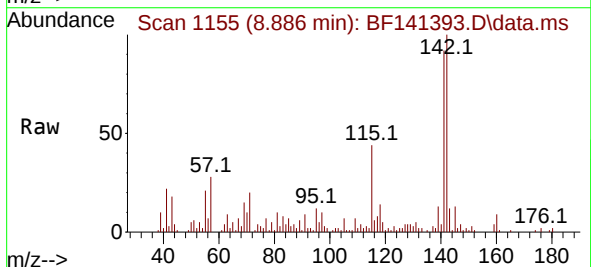
Instrument :
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LAW-25-0015

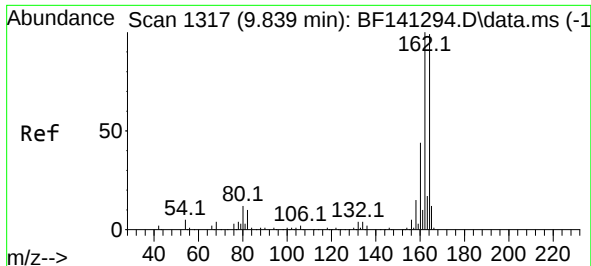
Tgt Ion:142 Resp: 48440
Ion Ratio Lower Upper
142 100
141 90.3 71.3 106.9



#38
1-Methylnaphthalene
Concen: 2.586 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Tgt Ion:142 Resp: 25629
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8

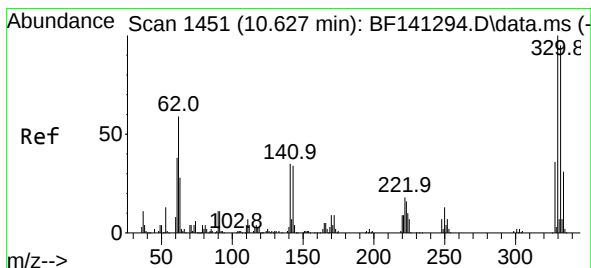
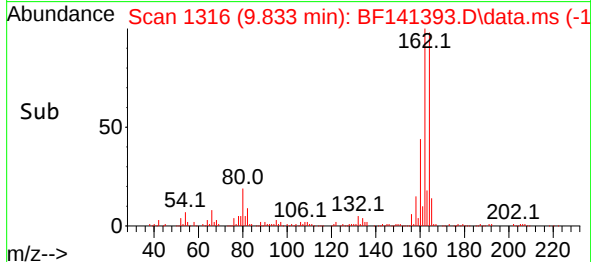
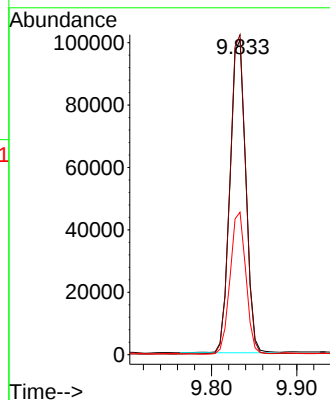
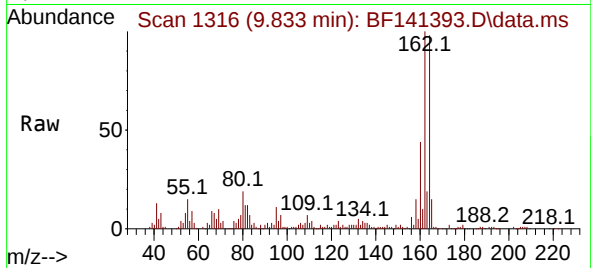




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

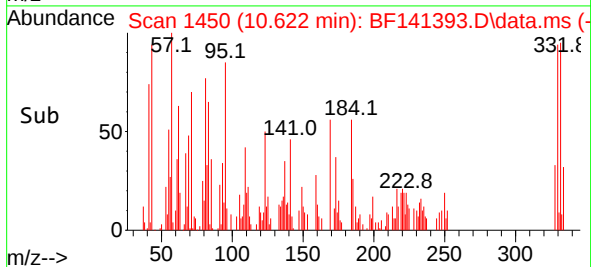
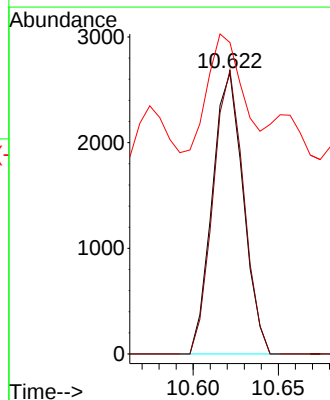
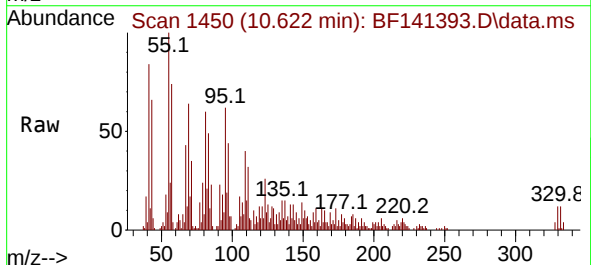
Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

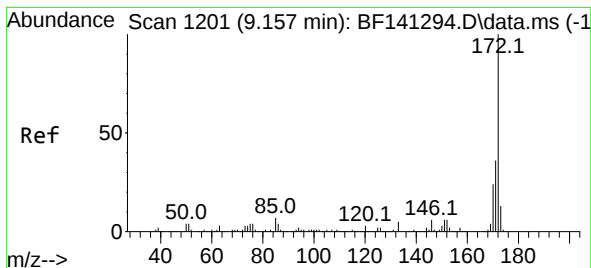
Tgt Ion:164 Resp: 129231
Ion Ratio Lower Upper
164 100
162 101.6 80.6 121.0
160 45.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 2.847 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Tgt Ion:330 Resp: 3373
Ion Ratio Lower Upper
330 100
332 99.3 76.1 114.1
141 46.2 28.8 43.2#





#45

2-Fluorobiphenyl

Concen: 3.180 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141393.D

Acq: 04 Feb 2025 02:09

Instrument :

BNA_F

ClientSampleId :

LAW-25-0015

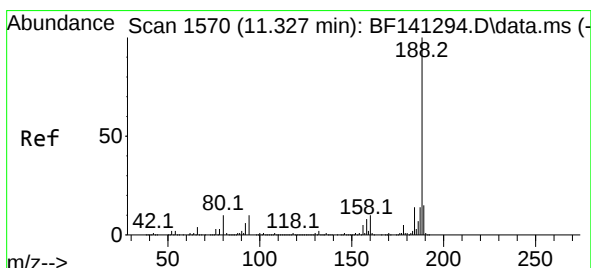
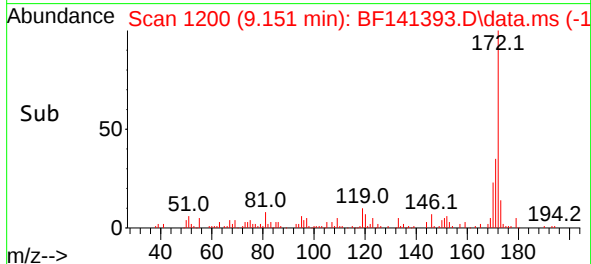
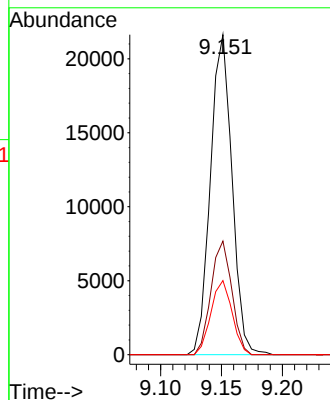
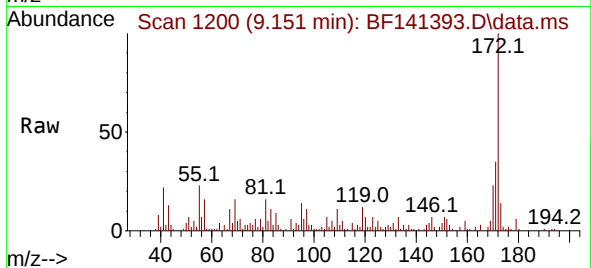
Tgt Ion:172 Resp: 26698

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.2 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1568

Delta R.T. -0.012 min

Lab File: BF141393.D

Acq: 04 Feb 2025 02:09

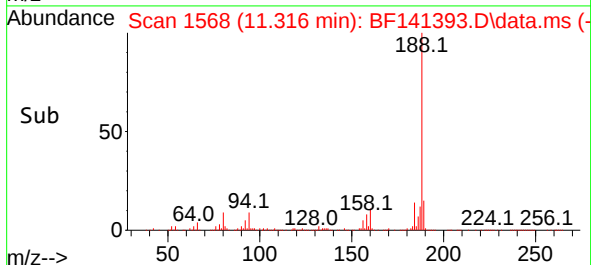
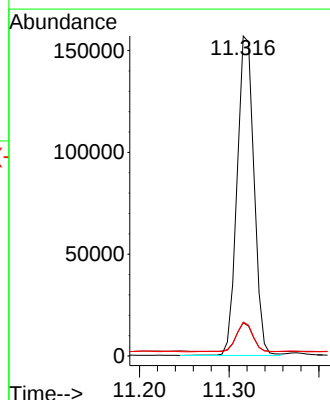
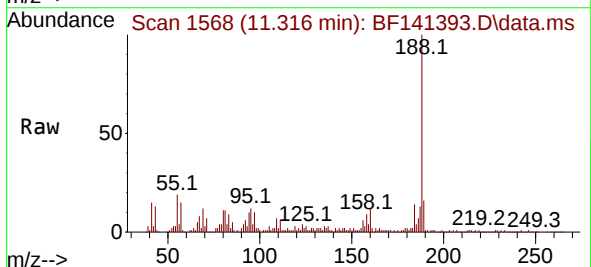
Tgt Ion:188 Resp: 205059

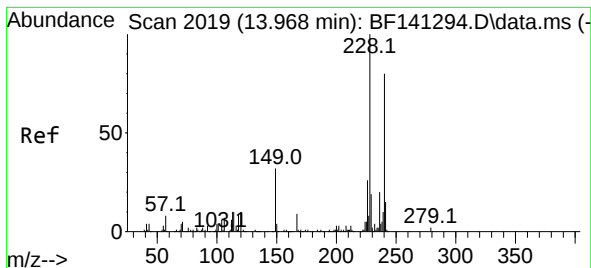
Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

80 10.6 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141393.D

Acq: 04 Feb 2025 02:09

Instrument :

BNA_F

ClientSampleId :

LAW-25-0015

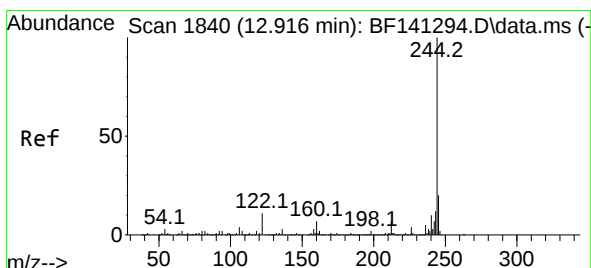
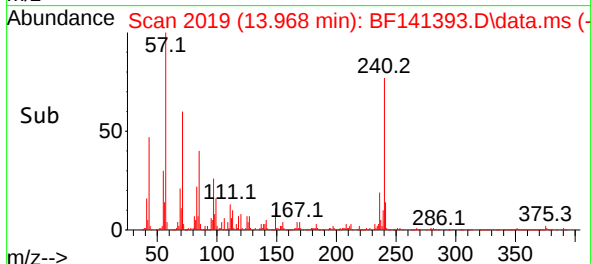
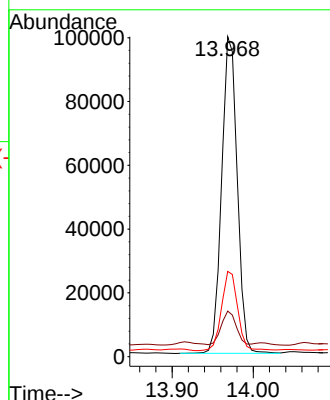
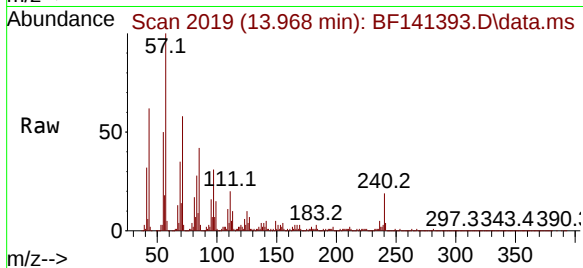
Tgt Ion:240 Resp: 132719

Ion Ratio Lower Upper

240 100

120 14.3 10.0 15.0

236 26.7 19.7 29.5



#79

Terphenyl-d14

Concen: 2.868 ng

RT: 12.910 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF141393.D

Acq: 04 Feb 2025 02:09

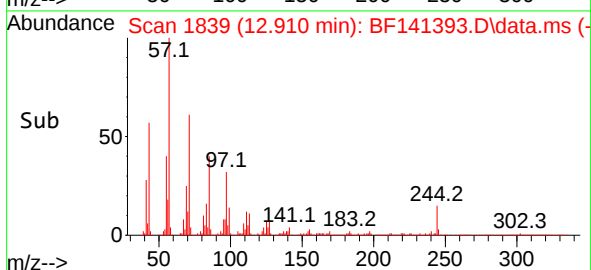
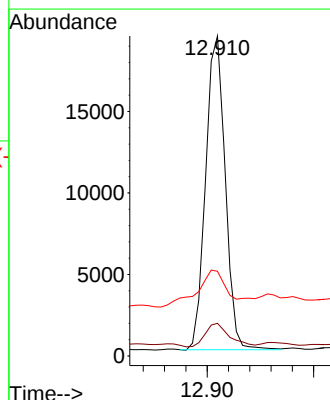
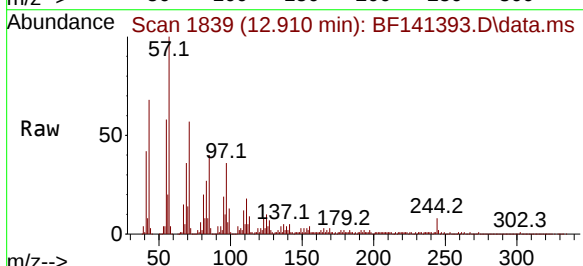
Tgt Ion:244 Resp: 24678

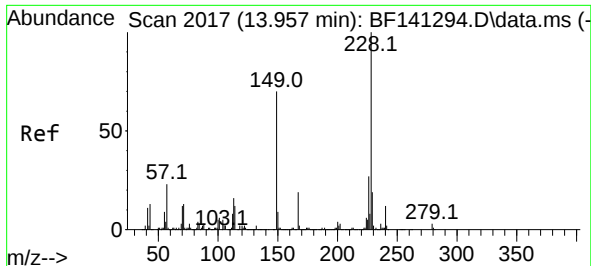
Ion Ratio Lower Upper

244 100

212 10.2 5.4 8.0#

122 26.4 8.8 13.2#

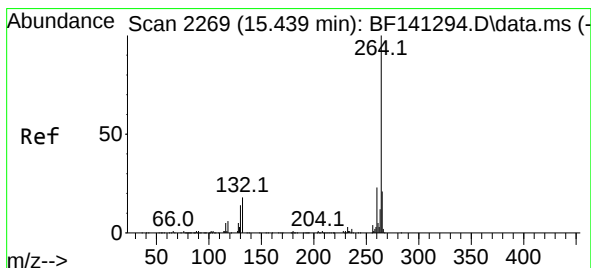
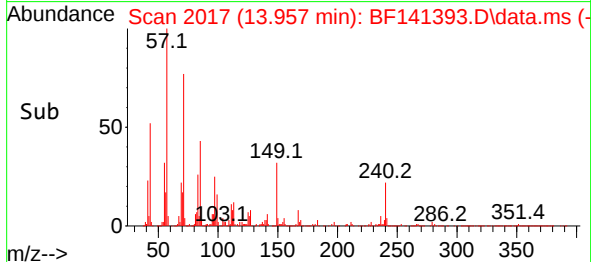
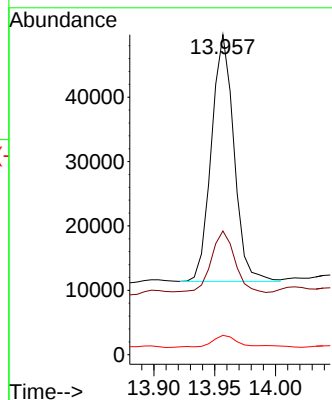
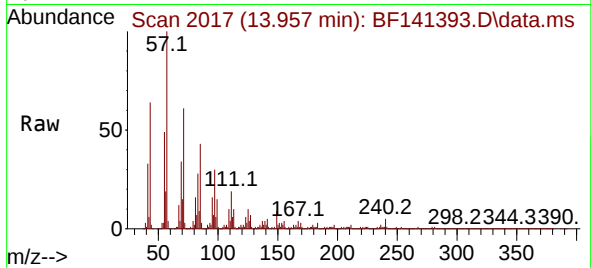




#84
Bis(2-ethylhexyl)phthalate
Concen: 8.727 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

Tgt Ion:149 Resp: 49272
Ion Ratio Lower Upper
149 100
167 38.7 21.8 32.8#
279 6.0 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Tgt Ion:264 Resp: 105086
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 22.1 16.7 25.1

