

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140279.D
 Acq On : 07 Nov 2024 17:06
 Operator : RC/JU
 Sample : P4720-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-701-COMP-01

Quant Time: Nov 08 01:29:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

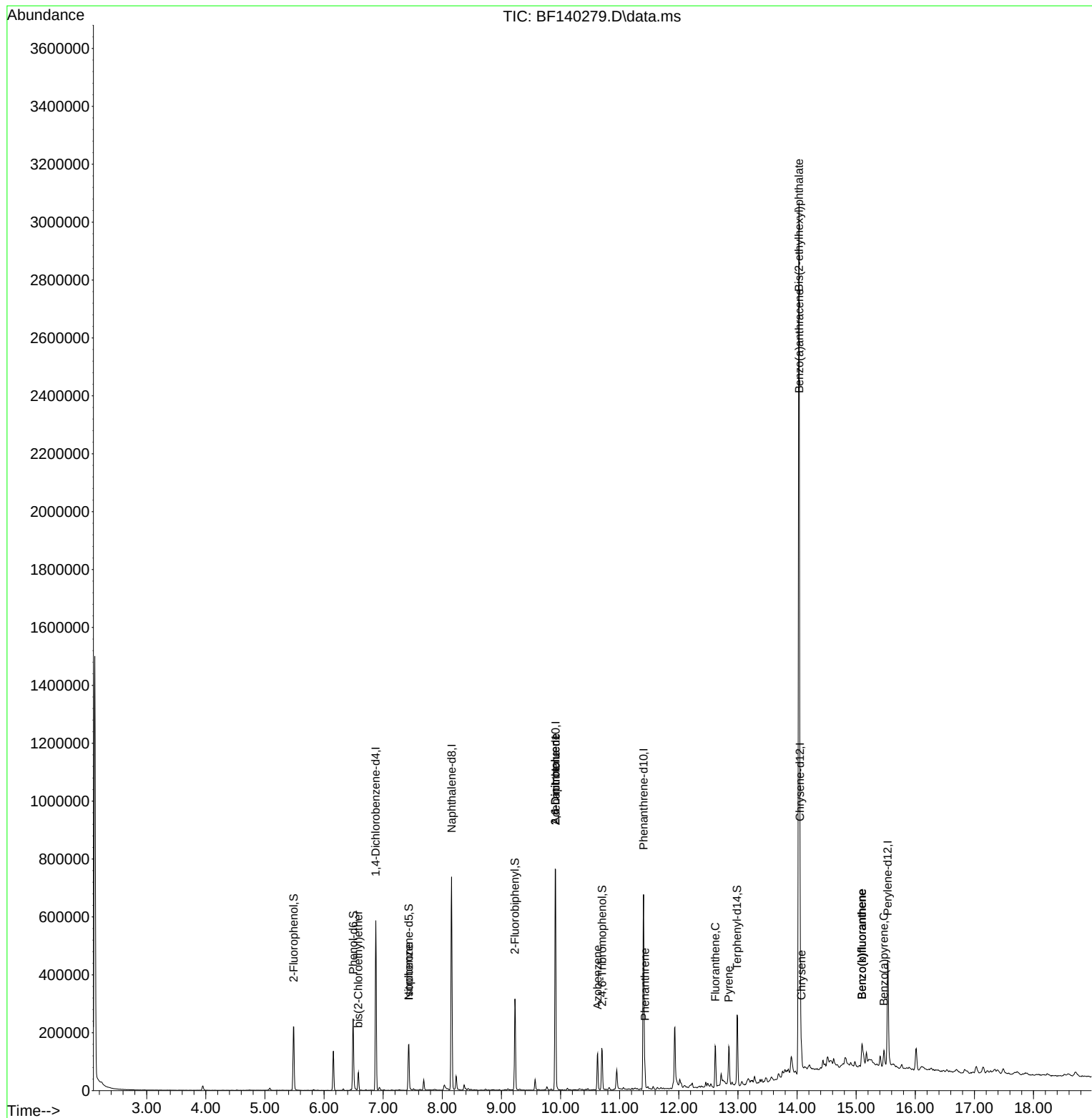
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	117057	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	441041	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	243083	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	358575	20.000	ng	0.00
76) Chrysene-d12	14.051	240	259506	20.000	ng	-0.01
86) Perylene-d12	15.533	264	230041	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	84885	12.017	ng	0.00
7) Phenol-d6	6.493	99	108235	11.913	ng	-0.01
23) Nitrobenzene-d5	7.434	82	71588	8.070	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	24178	10.063	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	138126	9.073	ng	-0.01
79) Terphenyl-d14	12.986	244	117957	7.446	ng	-0.01
Target Compounds					Qvalue	
11) bis(2-Chloroethyl)ether	6.581	93	16885	2.304	ng	# 20
25) Isophorone	7.434	82	69523	4.552	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	31891	9.063	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	31891	6.984	ng	# 19
63) Azobenzene	10.628	77	32222	2.089	ng	# 1
71) Phenanthrene	11.428	178	41242	2.410	ng	97
75) Fluoranthene	12.616	202	81317	4.545	ng	99
78) Pyrene	12.845	202	77303	3.608	ng	97
81) Benzo(a)anthracene	14.039	228	40066	2.406	ng	93
83) Chrysene	14.074	228	41044	2.632	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	1126782	104.201	ng	# 98
88) Benzo(b)fluoranthene	15.098	252	66605	4.787	ng	# 96
89) Benzo(k)fluoranthene	15.098	252	66605	5.216	ng	# 96
90) Benzo(a)pyrene	15.468	252	30647	2.671	ng	96

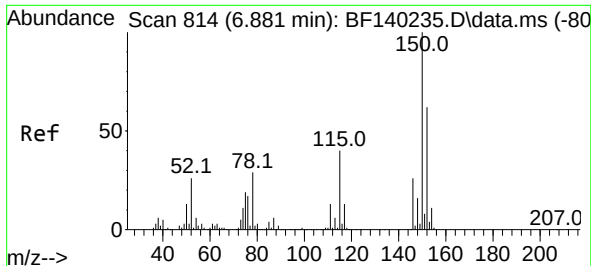
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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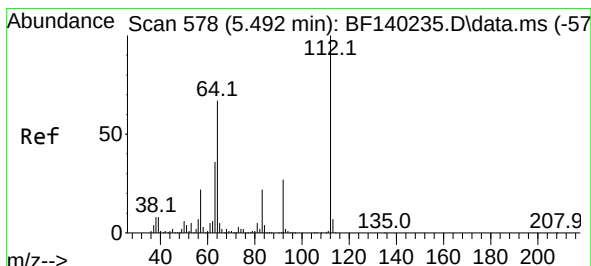
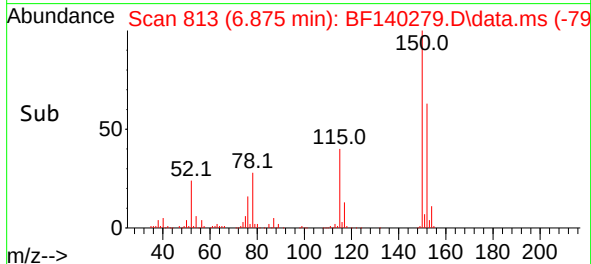
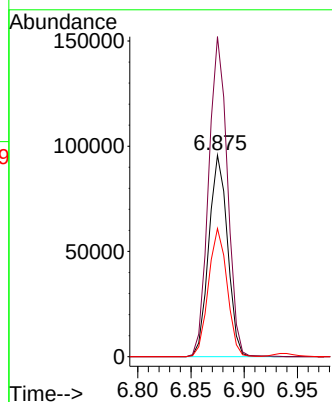
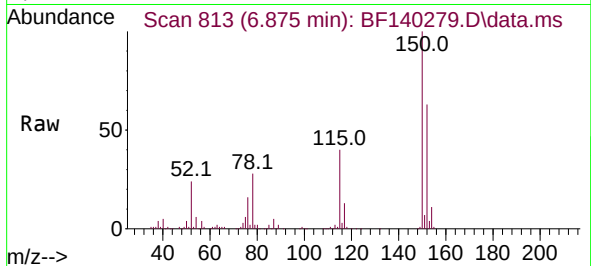




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

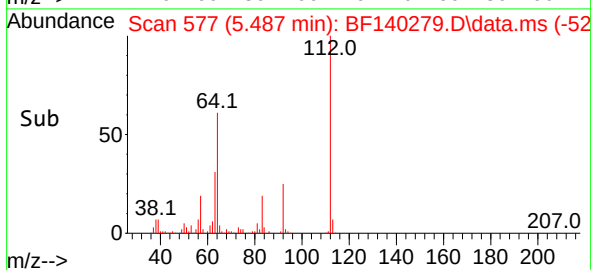
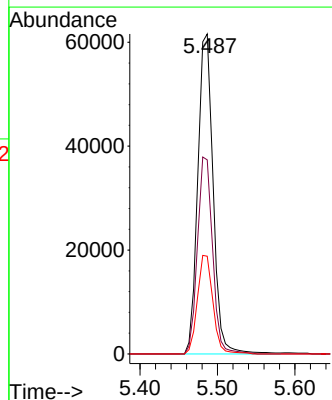
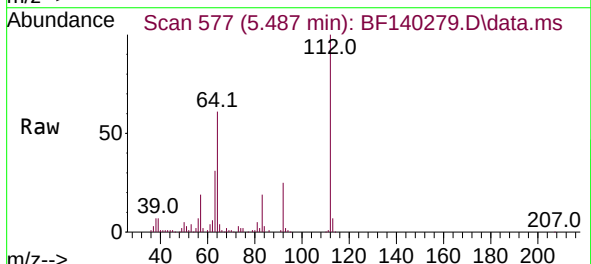
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01

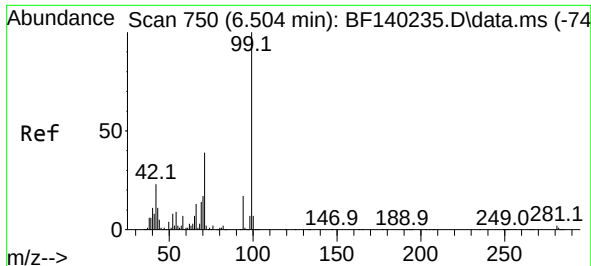
Tgt Ion:152 Resp: 117057
Ion Ratio Lower Upper
152 100
150 158.9 129.4 194.2
115 63.6 51.5 77.3



#5
2-Fluorophenol
Concen: 12.017 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

Tgt Ion:112 Resp: 84885
Ion Ratio Lower Upper
112 100
64 60.7 53.4 80.2
63 30.6 28.9 43.3

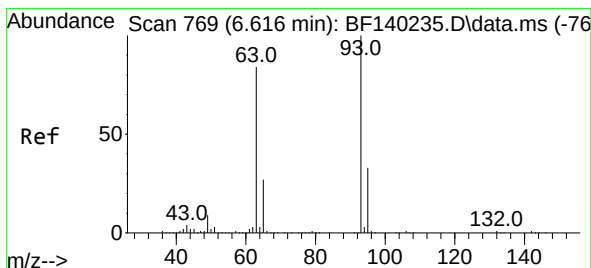
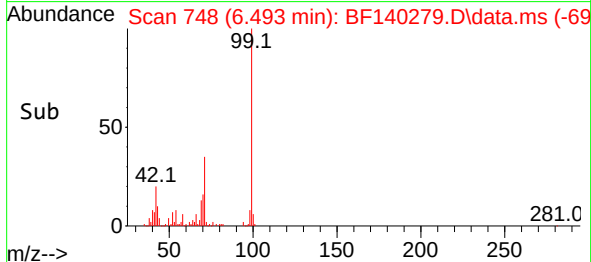
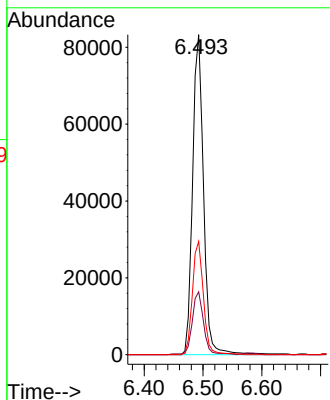
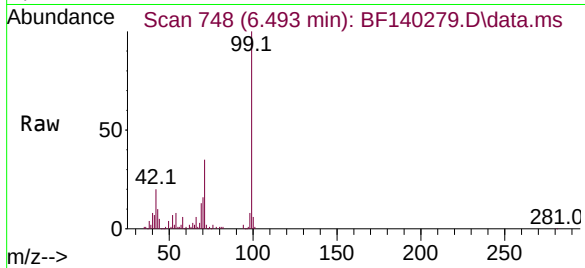




#7
Phenol-d6
Concen: 11.913 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

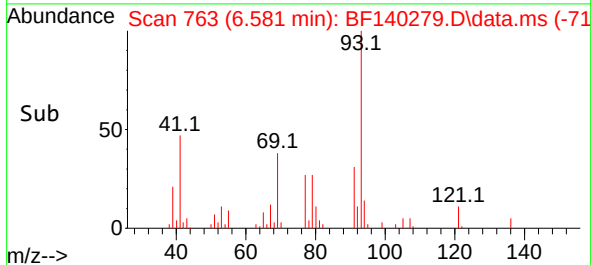
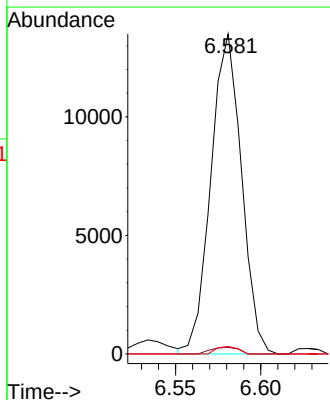
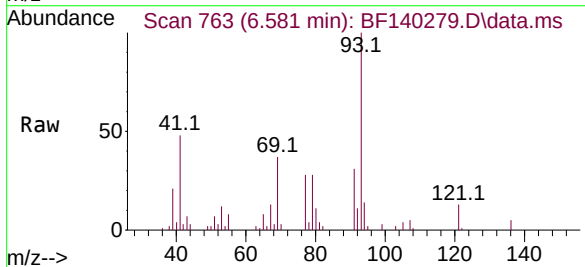
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01

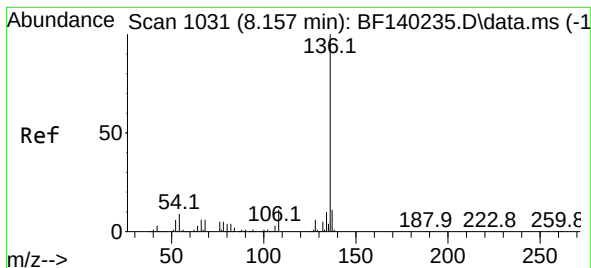
Tgt Ion: 99 Resp: 108235
Ion Ratio Lower Upper
99 100
42 19.6 18.2 27.2
71 35.4 30.9 46.3



#11
bis(2-Chloroethyl)ether
Concen: 2.304 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.035 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

Tgt Ion: 93 Resp: 16885
Ion Ratio Lower Upper
93 100
63 2.1 63.6 103.6#
95 2.4 12.7 52.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF140279.D

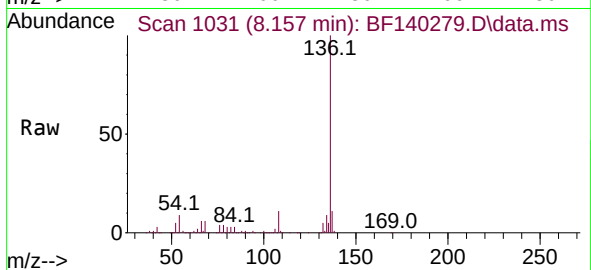
Acq: 07 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

JC-701-COMP-01



Tgt Ion:136 Resp: 441041

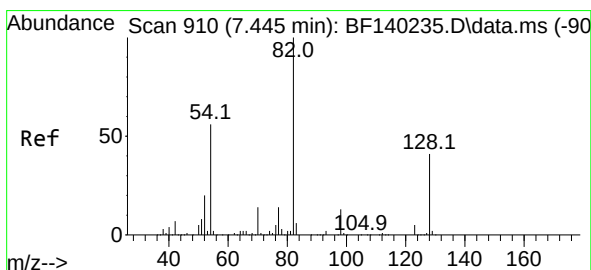
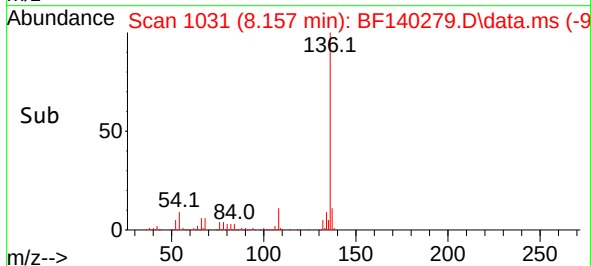
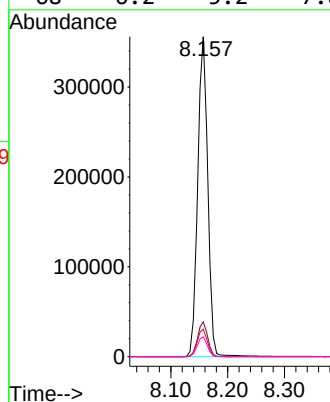
Ion	Ratio	Lower	Upper
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136	100		
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137	10.9	9.0	13.6
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54	8.6	7.7	11.5
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68	6.2	5.2	7.8
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#23

Nitrobenzene-d5

Concen: 8.070 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF140279.D

Acq: 07 Nov 2024 17:06

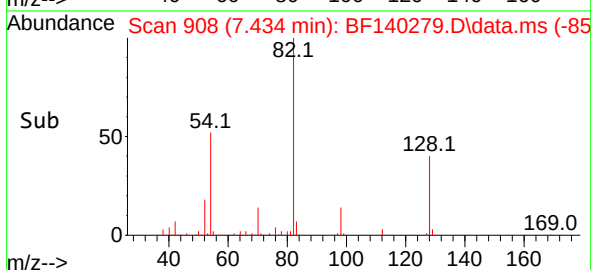
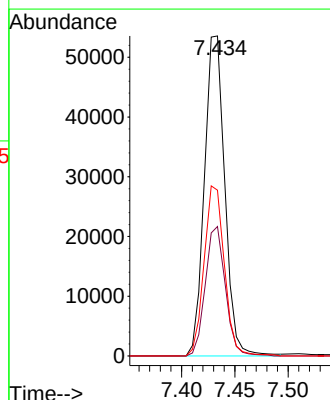
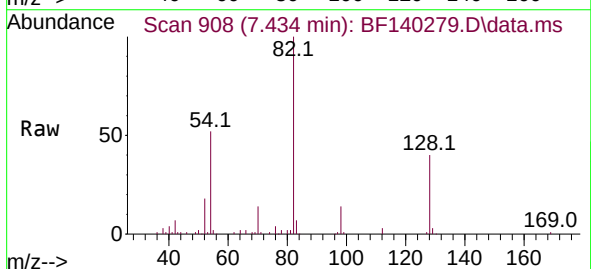
Tgt Ion: 82 Resp: 71588

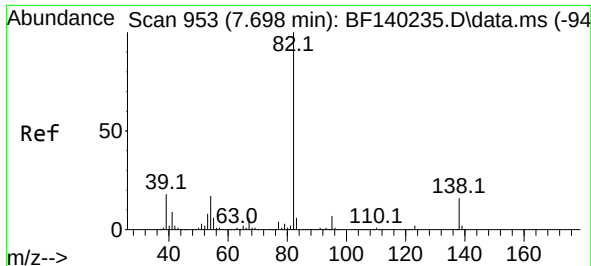
Ion	Ratio	Lower	Upper
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82	100		
----	-----	--	--

128	40.4	32.8	49.2
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54	51.8	44.3	66.5
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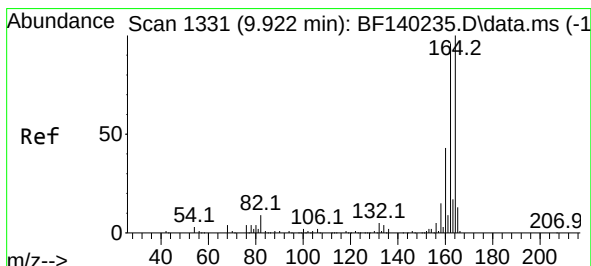
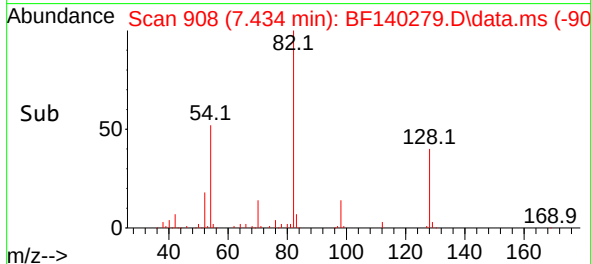
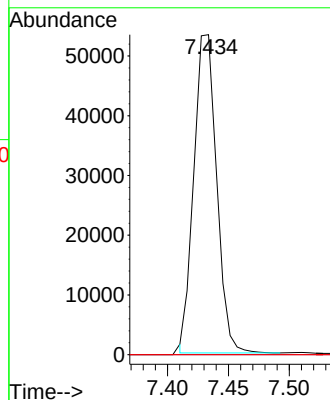
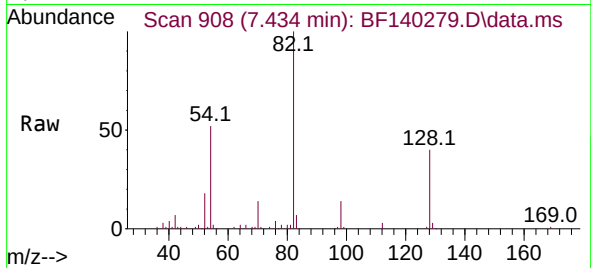




#25
Isophorone
Concen: 4.552 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

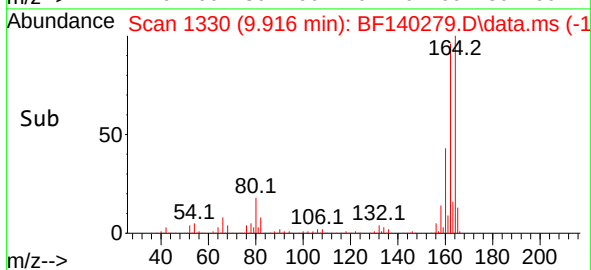
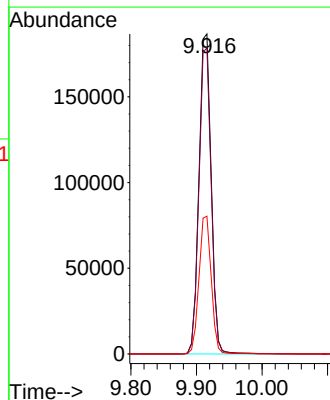
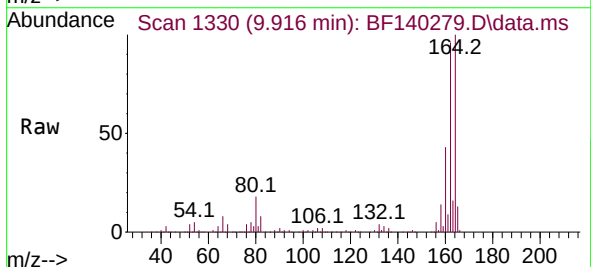
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01

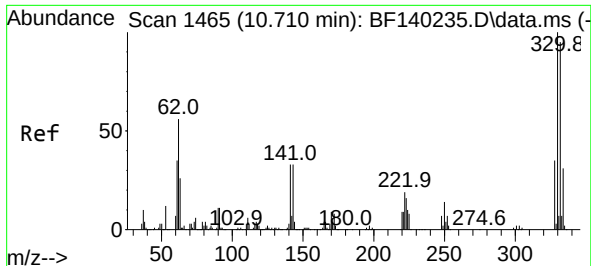
Tgt Ion: 82 Resp: 69523
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

Tgt Ion: 164 Resp: 243083
Ion Ratio Lower Upper
164 100
162 95.7 77.0 115.4
160 43.0 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 10.063 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140279.D

Acq: 07 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

JC-701-COMP-01

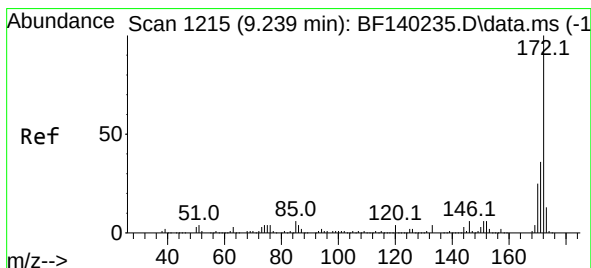
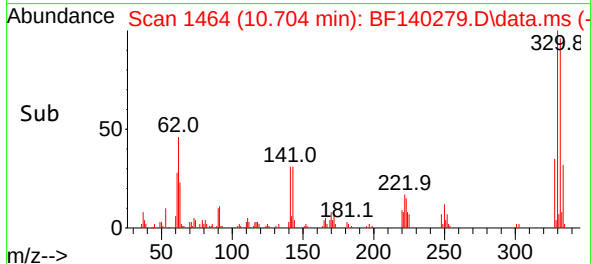
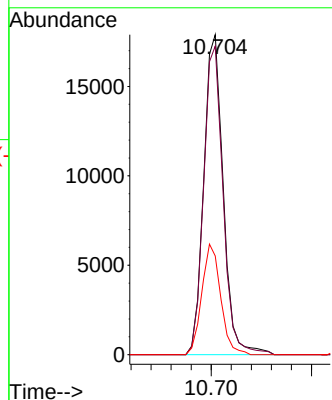
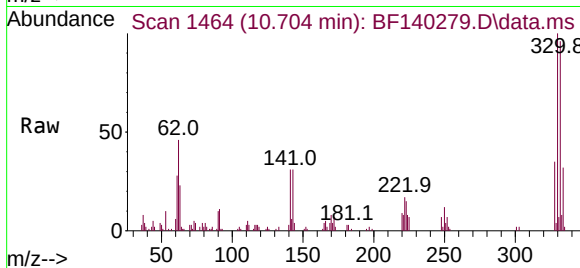
Tgt Ion:330 Resp: 24178

Ion Ratio Lower Upper

330 100

332 96.0 76.4 114.6

141 33.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 9.073 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF140279.D

Acq: 07 Nov 2024 17:06

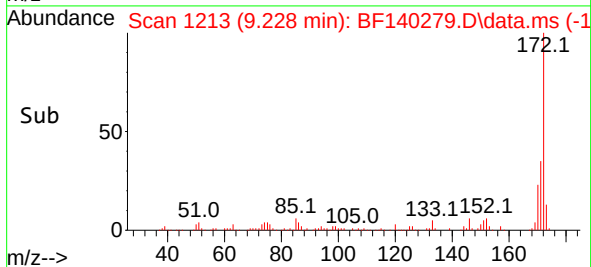
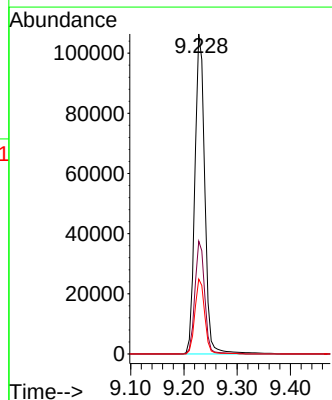
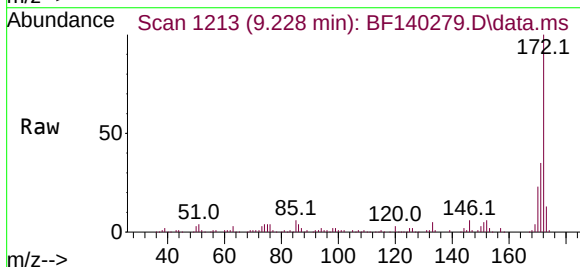
Tgt Ion:172 Resp: 138126

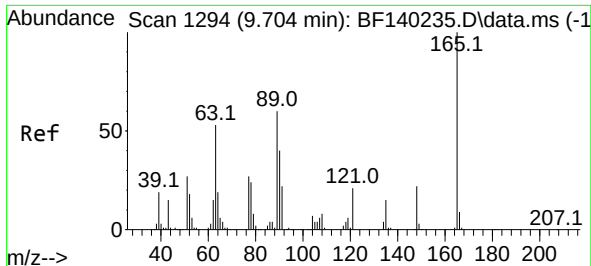
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 19.6 29.4

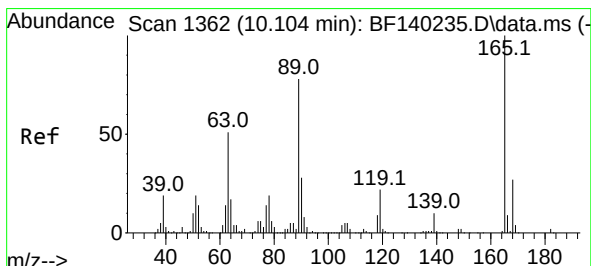
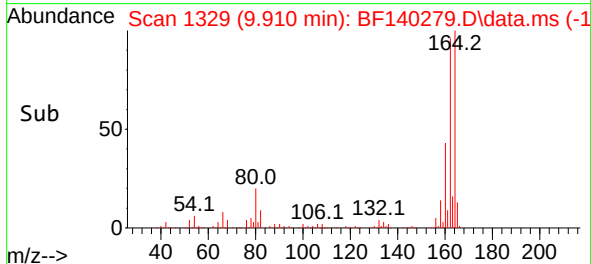
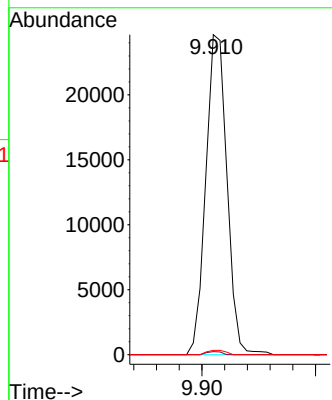
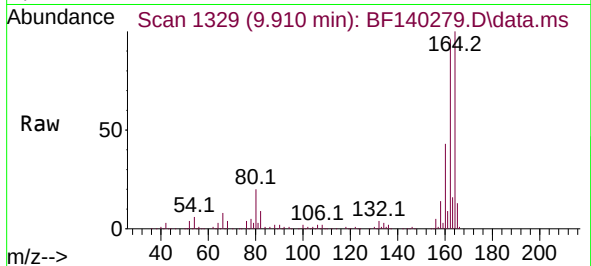




#51
2,6-Dinitrotoluene
Concen: 9.063 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

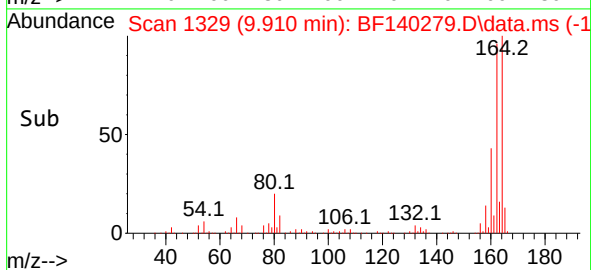
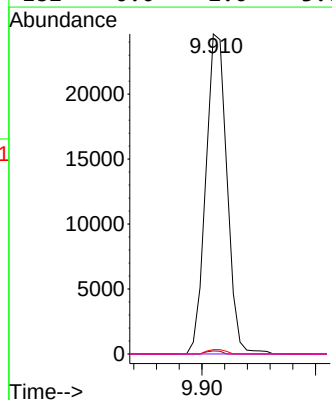
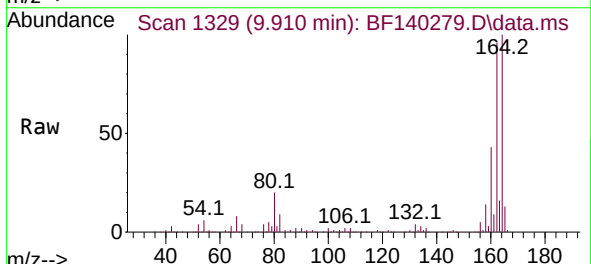
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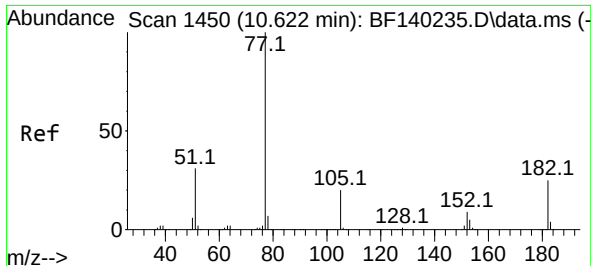
Tgt Ion:165 Resp: 31891
Ion Ratio Lower Upper
165 100
63 0.9 48.8 73.2#
89 1.4 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.984 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

Tgt Ion:165 Resp: 31891
Ion Ratio Lower Upper
165 100
63 0.9 41.3 61.9#
89 1.4 62.6 94.0#
182 0.0 2.0 3.0#

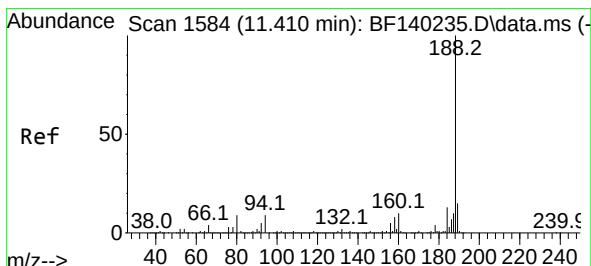
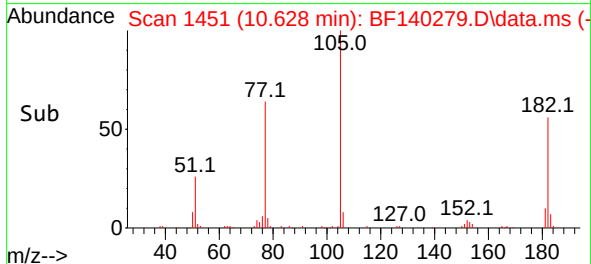
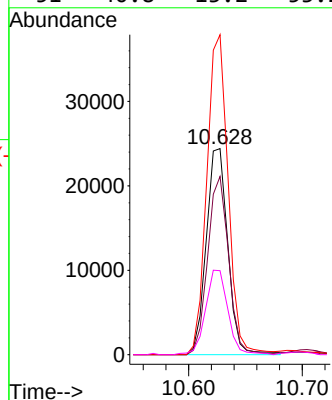
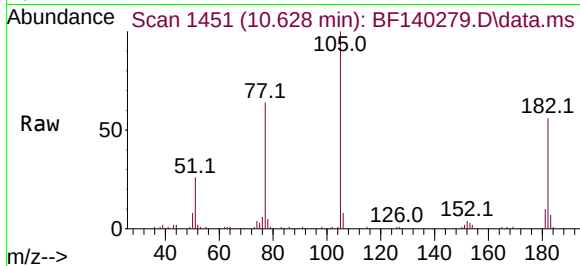




#63
Azobenzene
Concen: 2.089 ng
RT: 10.628 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

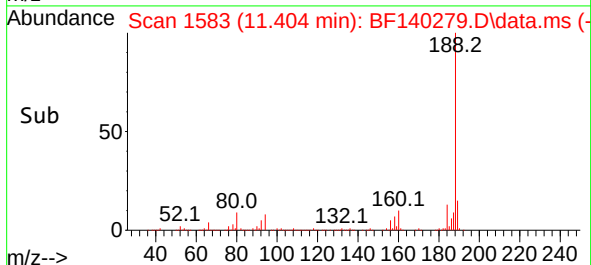
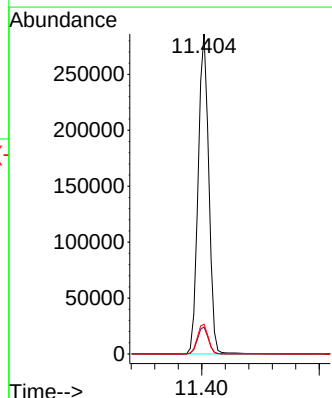
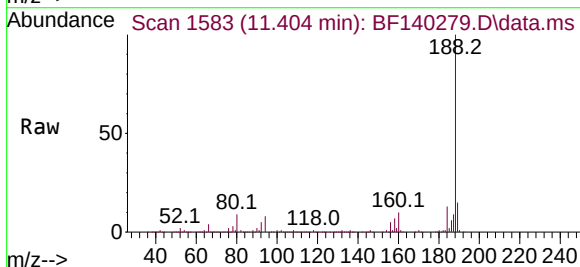
Instrument :
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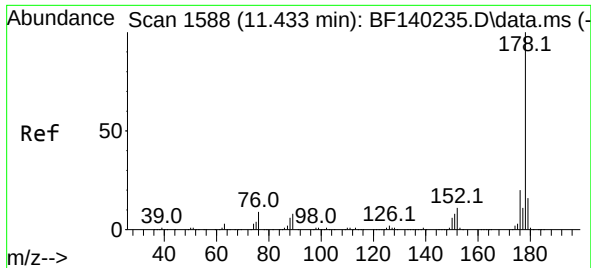
Tgt Ion: 77 Resp: 32222
Ion Ratio Lower Upper
77 100
182 86.5 4.7 44.7#
105 155.3 0.0 40.0#
51 40.8 13.2 53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

Tgt Ion: 188 Resp: 358575
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.3 7.5 11.3

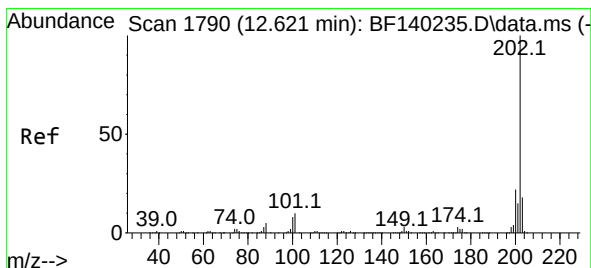
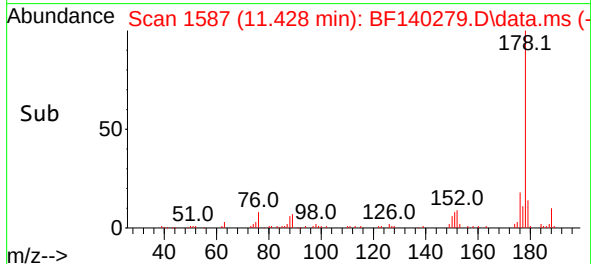
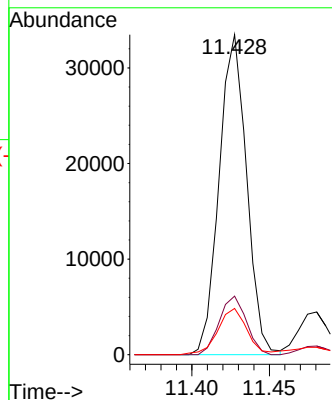
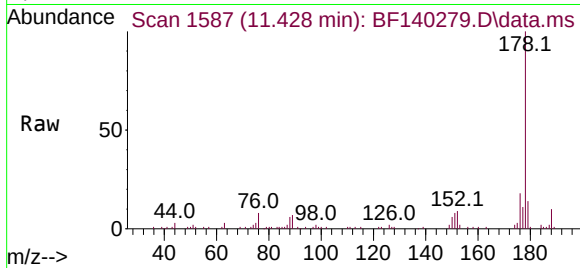




#71
Phenanthrene
Concen: 2.410 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

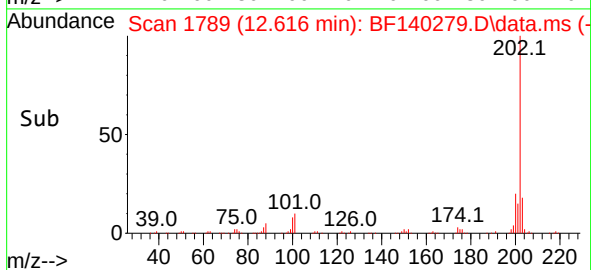
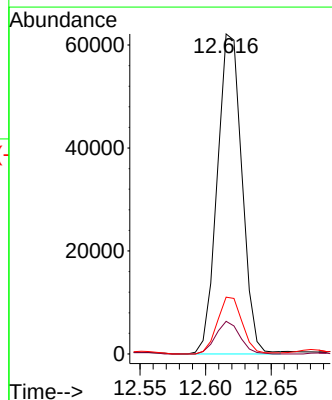
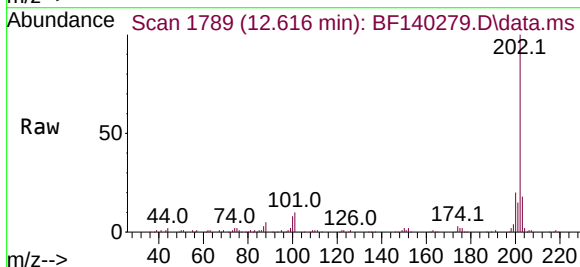
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01

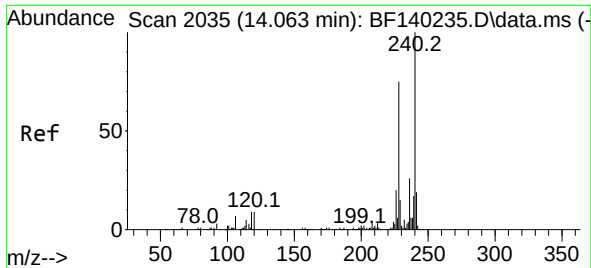
Tgt Ion:178 Resp: 41242
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 14.5 12.6 18.8



#75
Fluoranthene
Concen: 4.545 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

Tgt Ion:202 Resp: 81317
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.4
203 17.8 0.0 38.0

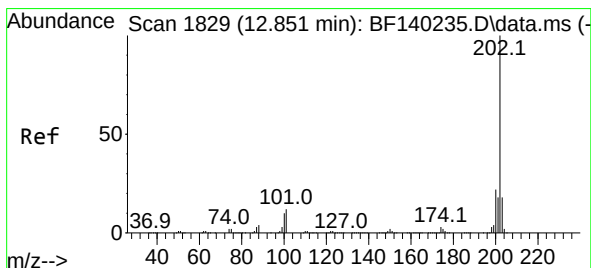
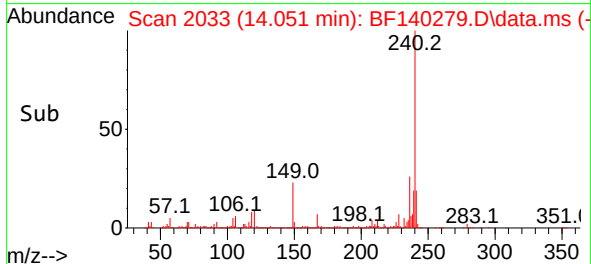
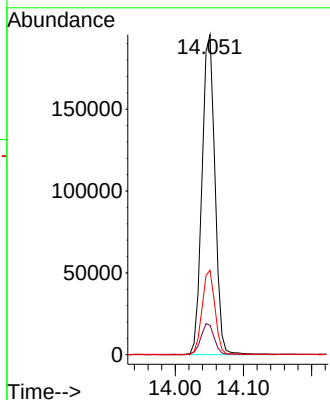
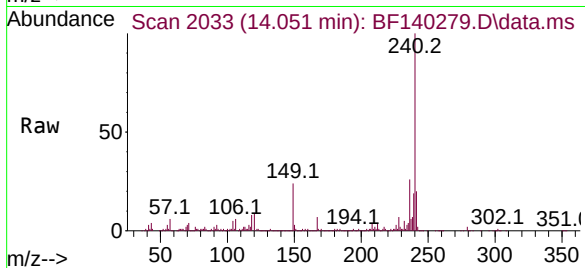




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

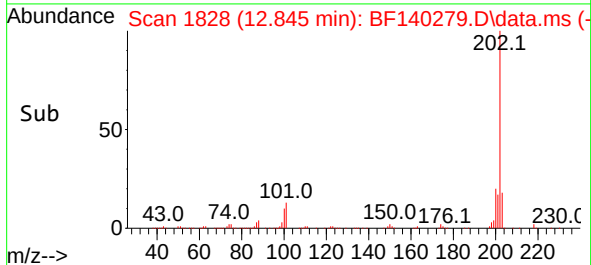
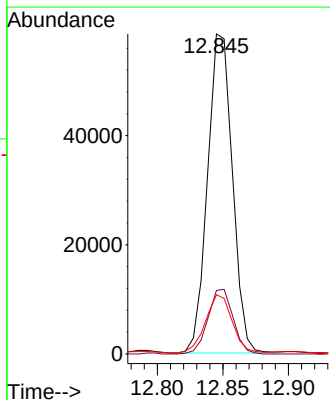
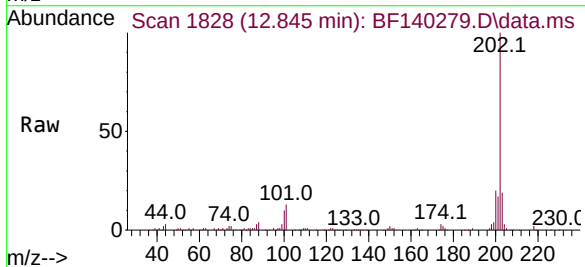
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01

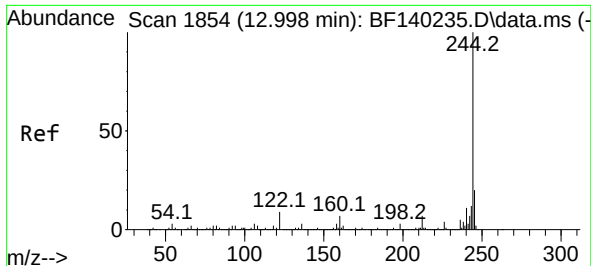
Tgt Ion:240 Resp: 259506
Ion Ratio Lower Upper
240 100
120 9.2 7.5 11.3
236 26.4 20.9 31.3



#78
Pyrene
Concen: 3.608 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

Tgt Ion:202 Resp: 77303
Ion Ratio Lower Upper
202 100
200 19.9 17.5 26.3
203 18.5 14.4 21.6

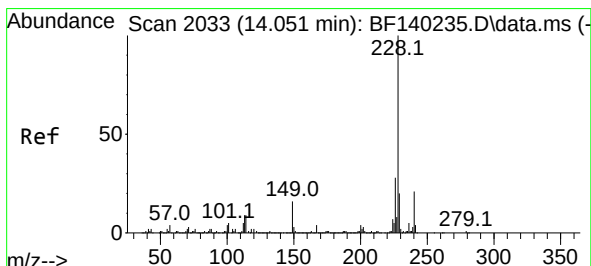
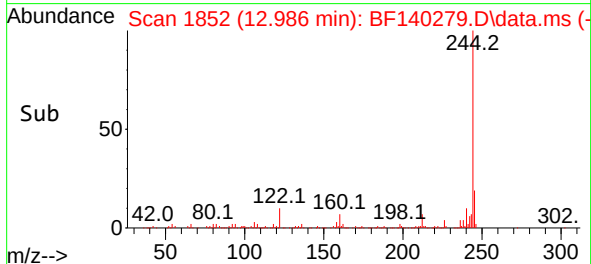
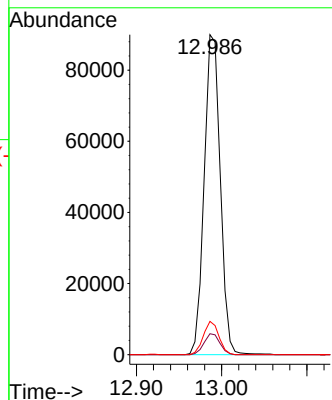
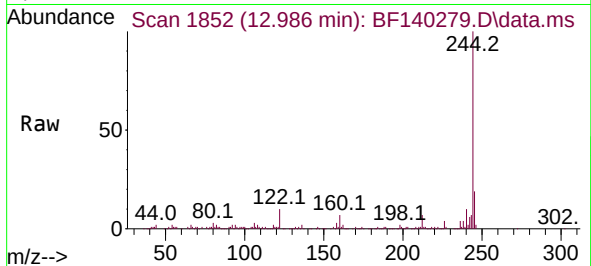




#79
 Terphenyl-d14
 Concen: 7.446 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF140279.D
 Acq: 07 Nov 2024 17:06

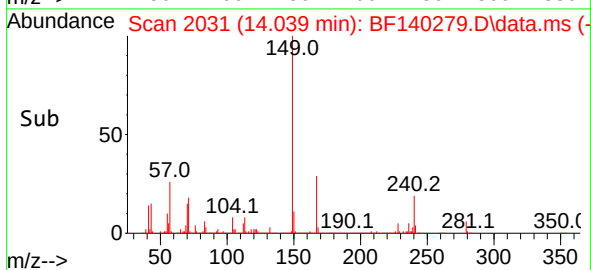
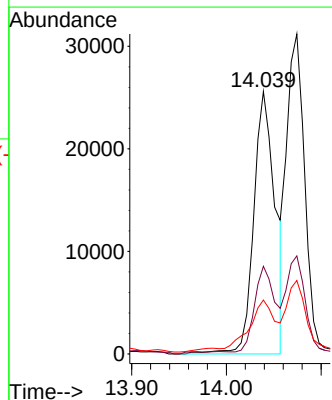
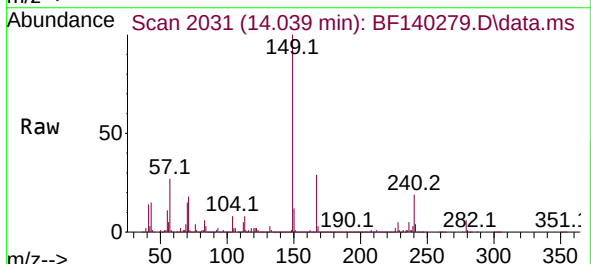
Instrument :
 BNA_F
 ClientSampleId :
 JC-701-COMP-01

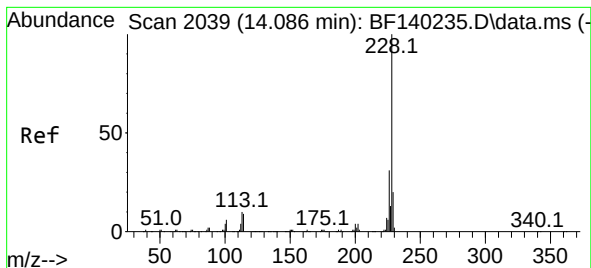
Tgt Ion:244 Resp: 117957
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 10.4 7.6 11.4



#81
 Benzo(a)anthracene
 Concen: 2.406 ng
 RT: 14.039 min Scan# 2031
 Delta R.T. -0.012 min
 Lab File: BF140279.D
 Acq: 07 Nov 2024 17:06

Tgt Ion:228 Resp: 40066
 Ion Ratio Lower Upper
 228 100
 226 33.4 22.3 33.5
 229 20.6 16.1 24.1





#83

Chrysene

Concen: 2.632 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.012 min

Lab File: BF140279.D

Acq: 07 Nov 2024 17:06

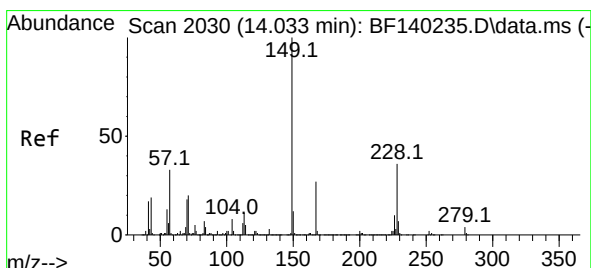
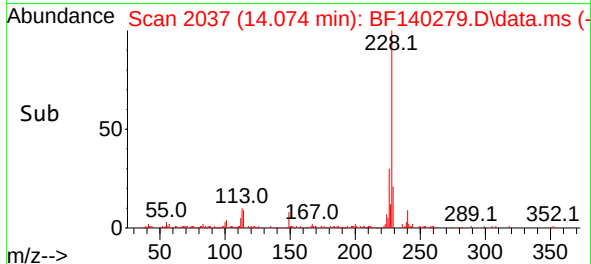
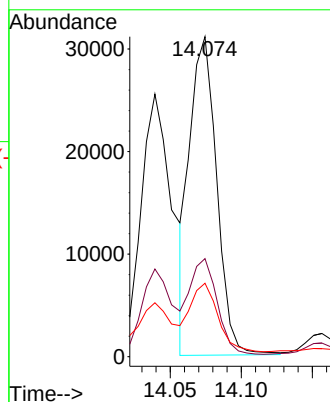
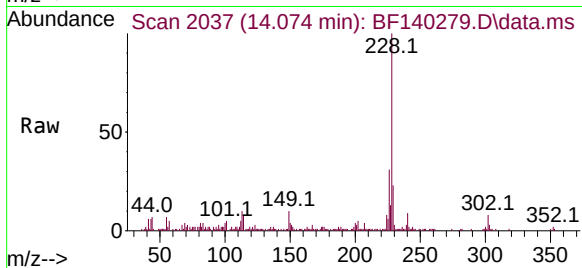
Instrument :

BNA_F

ClientSampleId :

JC-701-COMP-01

Tgt Ion:228	Resp: 41044
Ion Ratio	Lower Upper
228 100	
226 30.6	24.6 36.8
229 22.9	16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 104.201 ng

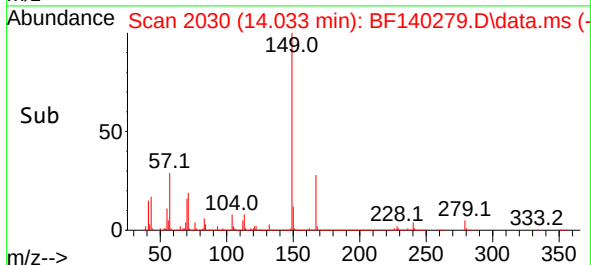
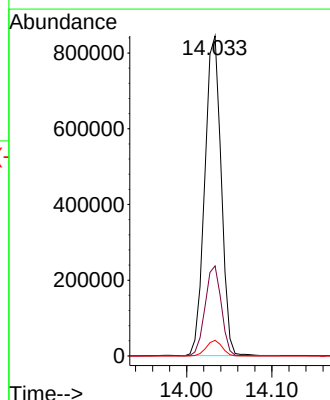
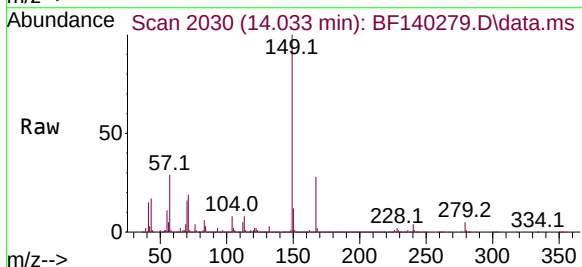
RT: 14.033 min Scan# 2030

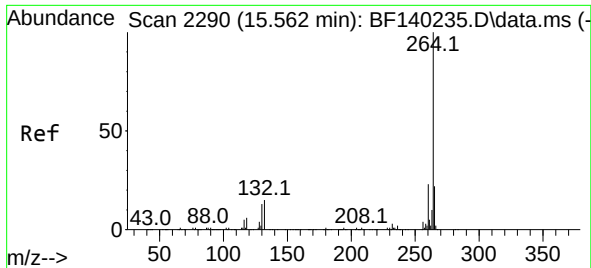
Delta R.T. 0.000 min

Lab File: BF140279.D

Acq: 07 Nov 2024 17:06

Tgt Ion:149	Resp: 1126782
Ion Ratio	Lower Upper
149 100	
167 28.2	21.8 32.8
279 4.9	3.2 4.8

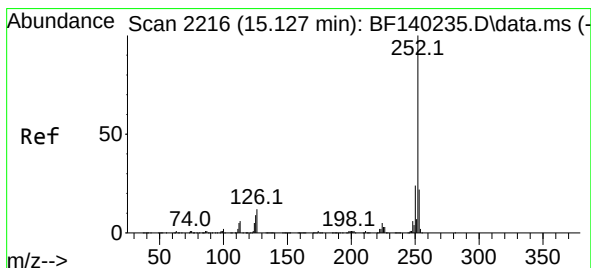
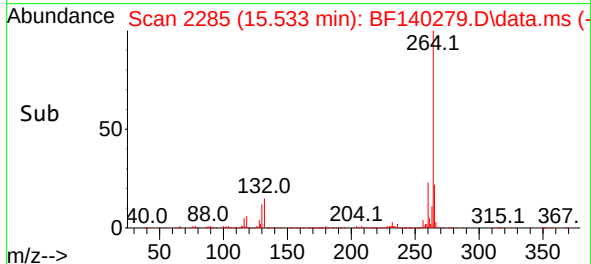
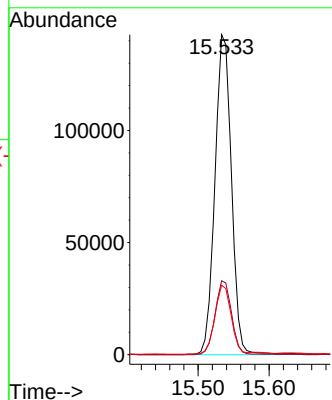
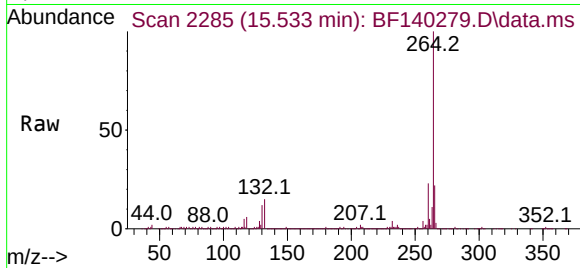




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2111
Delta R.T. -0.029 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

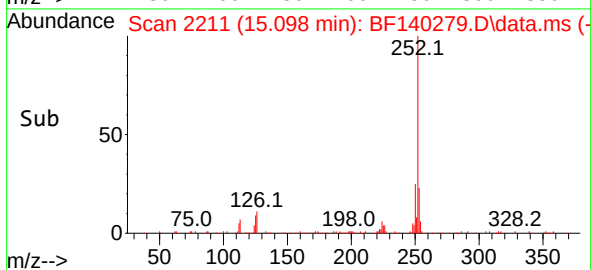
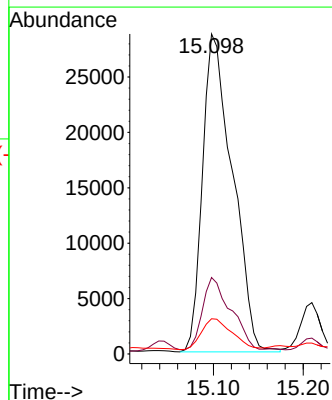
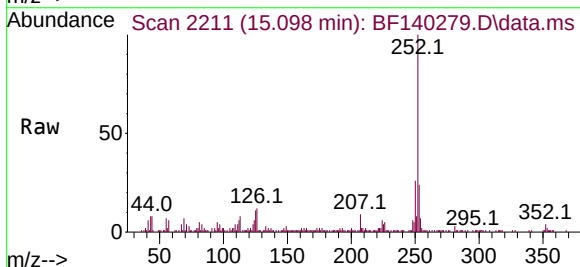
Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01

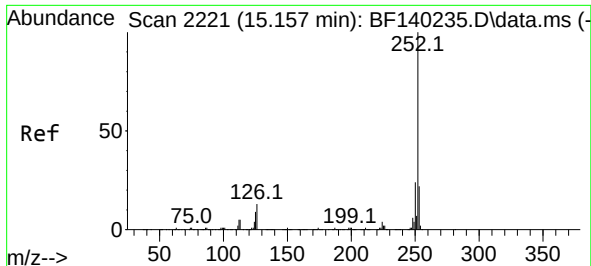
Tgt Ion:264 Resp: 230041
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 21.7 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 4.787 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.029 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

Tgt Ion:252 Resp: 66605
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 11.0 7.0 10.6#

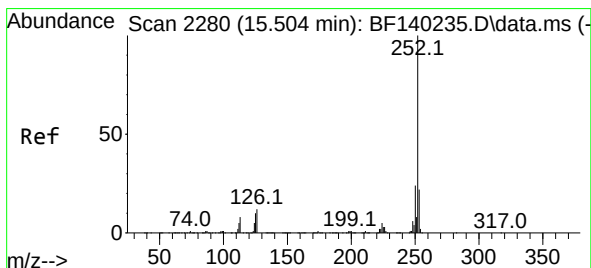
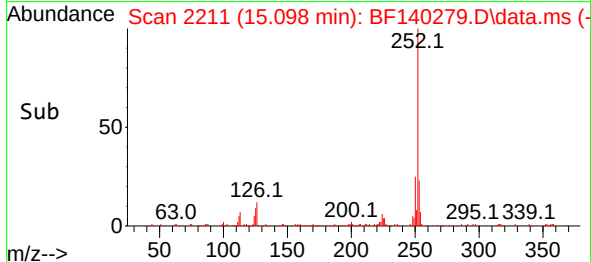
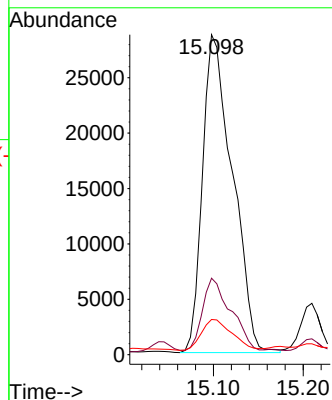
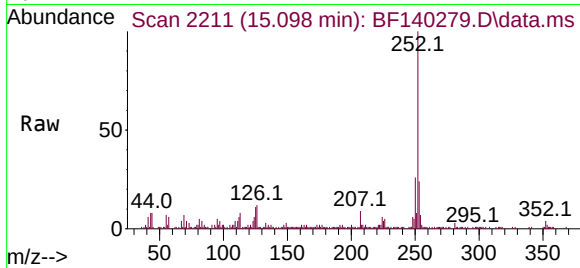




#89
Benzo(k)fluoranthene
Concen: 5.216 ng
RT: 15.098 min Scan# 211
Delta R.T. -0.059 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

Instrument :
BNA_F
ClientSampleId :
JC-701-COMP-01

Tgt Ion:252 Resp: 66605
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 11.0 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 2.671 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.035 min
Lab File: BF140279.D
Acq: 07 Nov 2024 17:06

Tgt Ion:252 Resp: 30647
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 11.3 7.6 11.4

