

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111424\
 Data File : BN035085.D
 Acq On : 14 Nov 2024 12:31
 Operator : RC/JU
 Sample : P4495-11DL 50X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BNA-SOILD

Quant Time: Nov 14 13:00:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 17:18:14 2024
 Response via : Initial Calibration

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

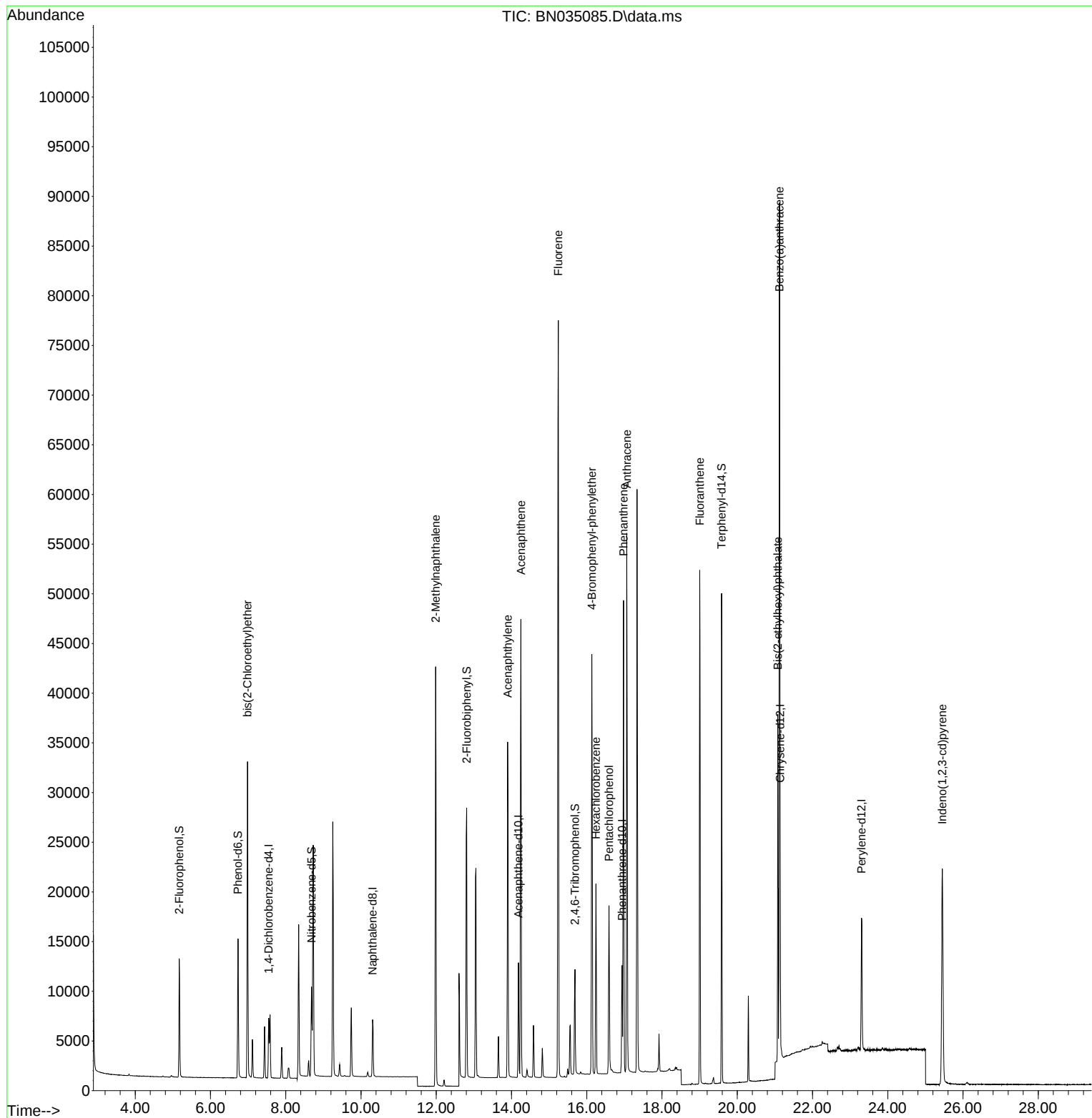
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	2888	0.400	ng	0.00
7) Naphthalene-d8	10.308	136	7927	0.400	ng	#-0.01
13) Acenaphthene-d10	14.186	164	6166	0.400	ng	0.00
19) Phenanthrene-d10	16.939	188	15077	0.400	ng	0.00
29) Chrysene-d12	21.140	240	16134	0.400	ng	# 0.00
35) Perylene-d12	23.304	264	16703	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	9575	1.306	ng	0.00
5) Phenol-d6	6.730	99	12931	1.407	ng	0.00
8) Nitrobenzene-d5	8.685	82	7300	1.058	ng	-0.01
11) 2-Methylnaphthalene-d10	11.897	152	7	0.000	ng	-0.02
14) 2,4,6-Tribromophenol	15.686	330	6077	1.366	ng	0.00
15) 2-Fluorobiphenyl	12.807	172	24796	0.990	ng	0.00
27) Fluoranthene-d10	18.976	212	45	0.001	ng	0.00
31) Terphenyl-d14	19.584	244	46960	1.387	ng	0.00
Target Compounds						
						Qvalue
6) bis(2-Chloroethyl)ether	6.983	93	23207	3.363	ng	98
12) 2-Methylnaphthalene	11.984	142	28229	1.849	ng	98
16) Acenaphthylene	13.898	152	37913	1.439	ng	100
17) Acenaphthene	14.250	154	23052	1.335	ng	100
18) Fluorene	15.245	166	49655	1.955	ng	100
21) 4-Bromophenyl-phenylether	16.133	248	18714	1.948	ng	# 71
22) Hexachlorobenzene	16.244	284	14251	1.430	ng	98
24) Pentachlorophenol	16.592	266	7874	1.691	ng	98
25) Phenanthrene	16.977	178	45097	1.137	ng	99
26) Anthracene	17.064	178	52044	1.428	ng	100
28) Fluoranthene	19.004	202	45809	0.840	ng	100
32) Benzo(a)anthracene	21.122	228	66841	1.190	ng	100
34) Bis(2-ethylhexyl)phtha...	21.077	149	26743	0.907	ng	99
36) Indeno(1,2,3-cd)pyrene	25.450	276	40491	0.608	ng	96

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

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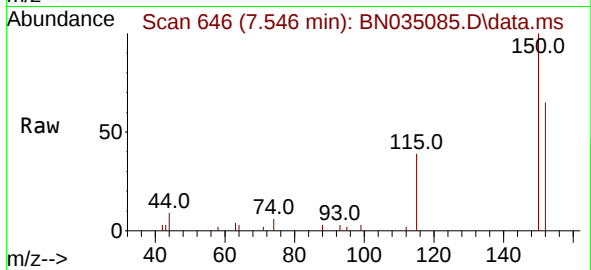
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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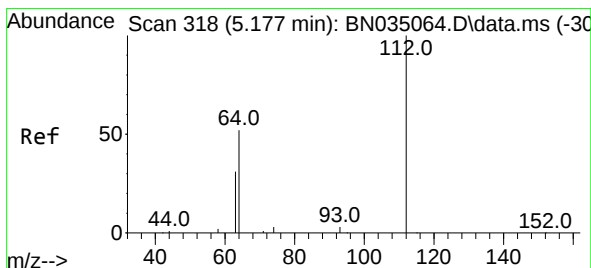
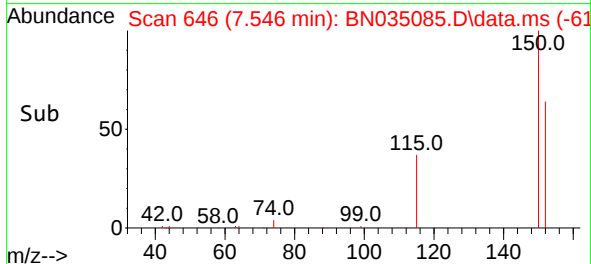
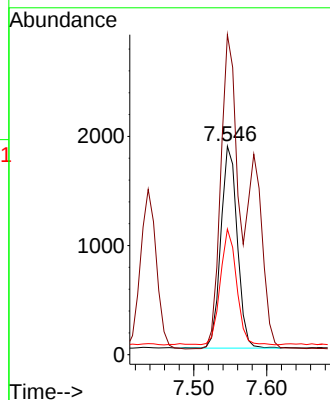


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.546 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

Instrument :
BNA_N
ClientSampleId :
PT-BNA-SOILD

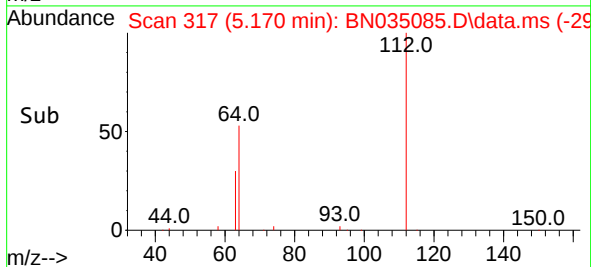
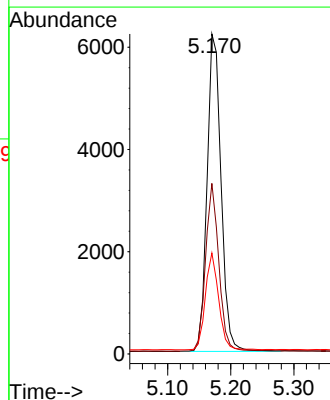
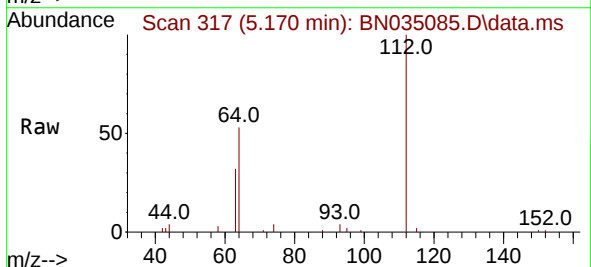


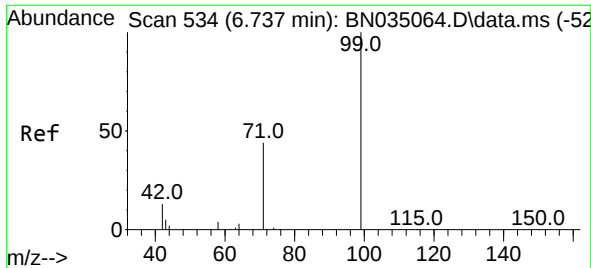
Tgt Ion:152 Resp: 2888
Ion Ratio Lower Upper
152 100
150 153.5 124.5 186.7
115 60.3 47.8 71.6



#4
2-Fluorophenol
Concen: 1.306 ng
RT: 5.170 min Scan# 317
Delta R.T. -0.007 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

Tgt Ion:112 Resp: 9575
Ion Ratio Lower Upper
112 100
64 50.1 39.7 59.5
63 29.0 23.0 34.4

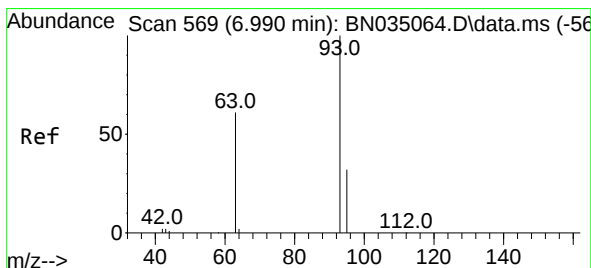
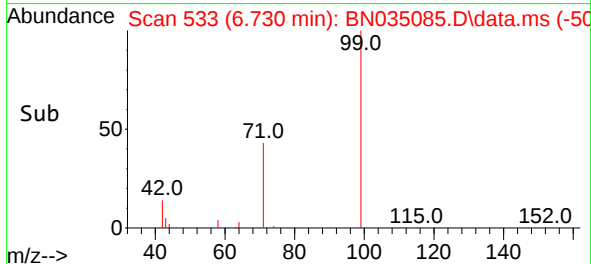
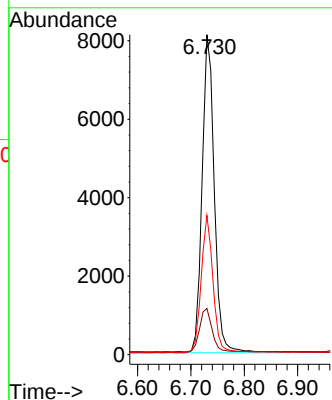
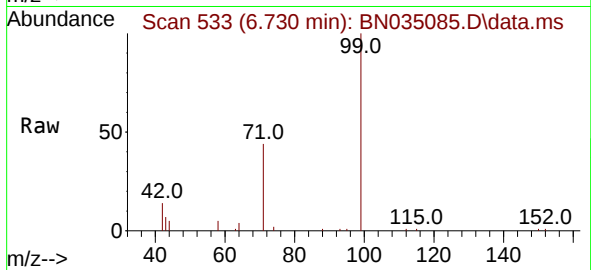




#5
Phenol-d6
Concen: 1.407 ng
RT: 6.730 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

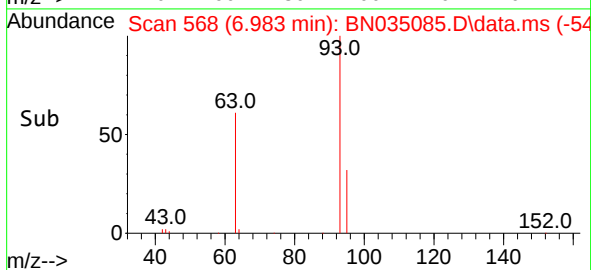
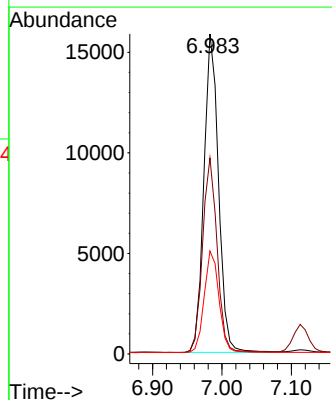
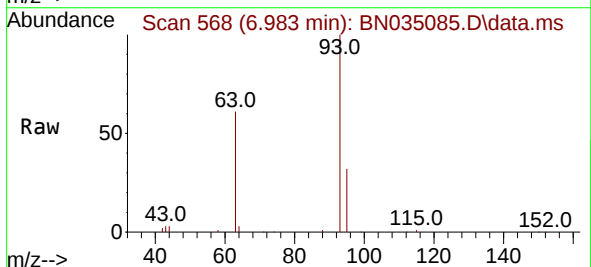
Instrument :
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ClientSampleId :
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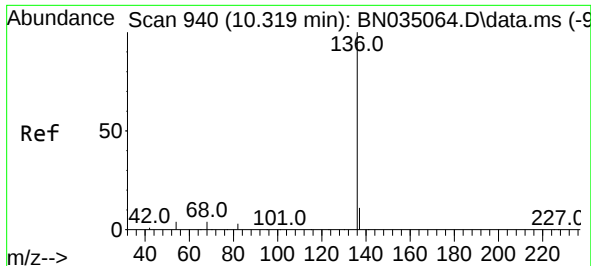
Tgt Ion: 99 Resp: 12931
Ion Ratio Lower Upper
99 100
42 14.0 11.4 17.0
71 42.0 34.6 51.8



#6
bis(2-Chloroethyl)ether
Concen: 3.363 ng
RT: 6.983 min Scan# 568
Delta R.T. -0.007 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

Tgt Ion: 93 Resp: 23207
Ion Ratio Lower Upper
93 100
63 60.9 47.4 71.2
95 32.4 26.2 39.4

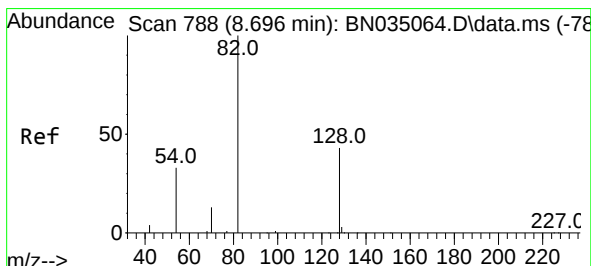
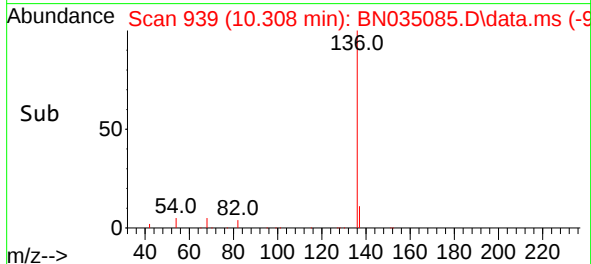
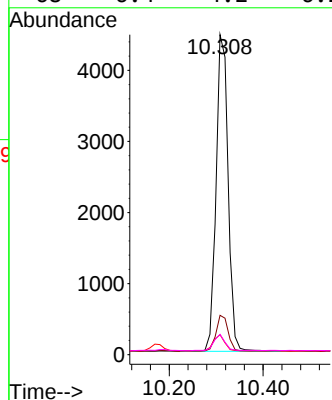
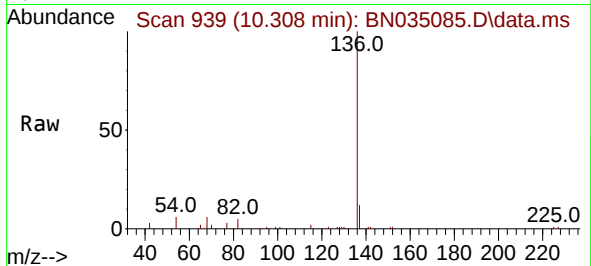




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.308 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

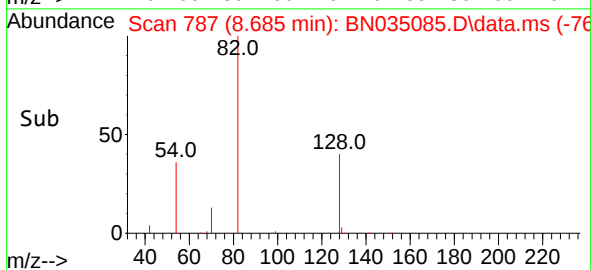
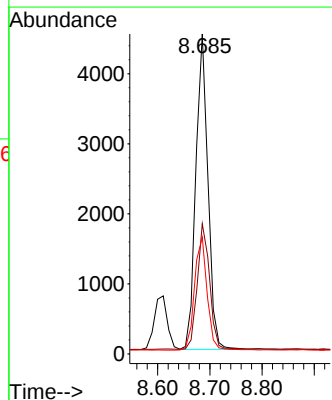
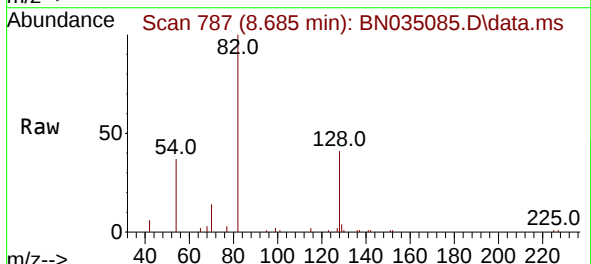
Instrument :
BNA_N
ClientSampleId :
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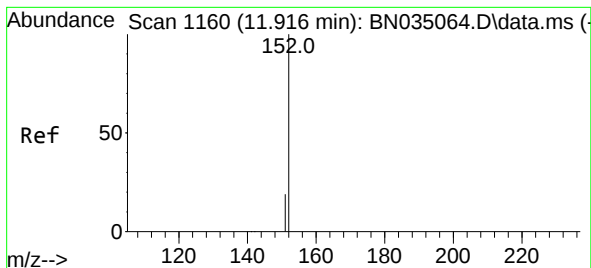
Tgt Ion:136	Resp:	7927
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.8 14.8
54	6.3	4.0 6.0#
68	6.4	4.2 6.2#



#8
Nitrobenzene-d5
Concen: 1.058 ng
RT: 8.685 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

Tgt Ion: 82	Resp:	7300
Ion Ratio	Lower	Upper
82	100	
128	40.7	36.5 54.7
54	36.5	28.7 43.1

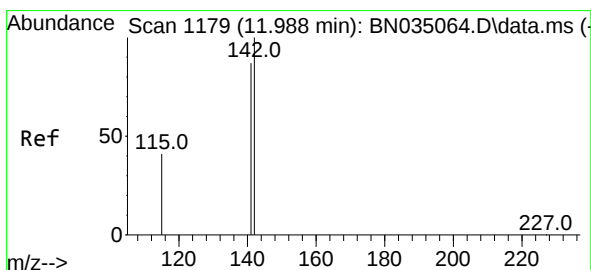
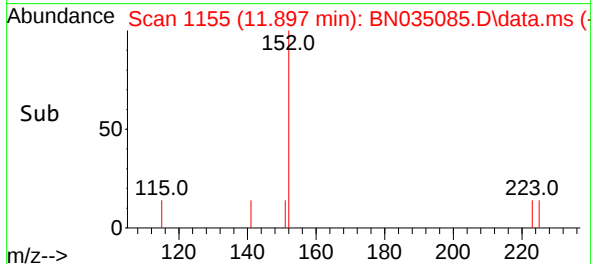
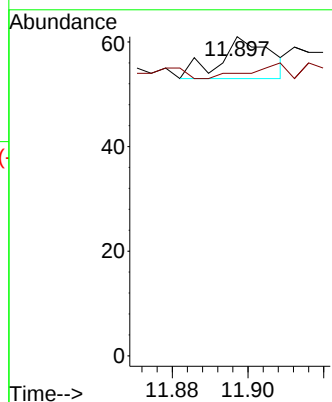
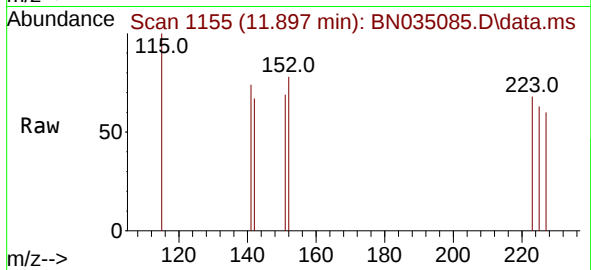




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 11.897 min Scan# 1160
Delta R.T. -0.019 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

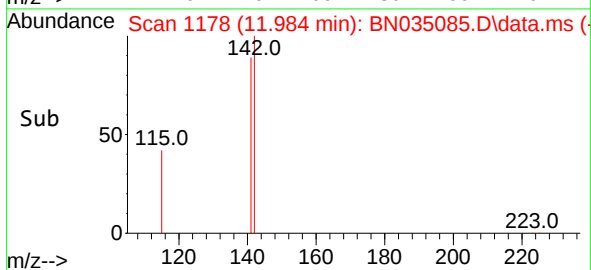
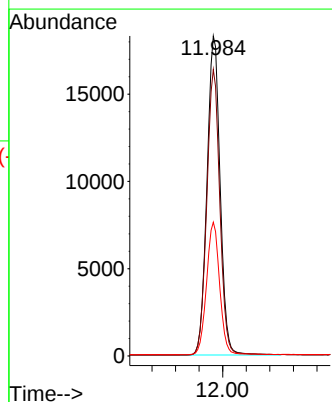
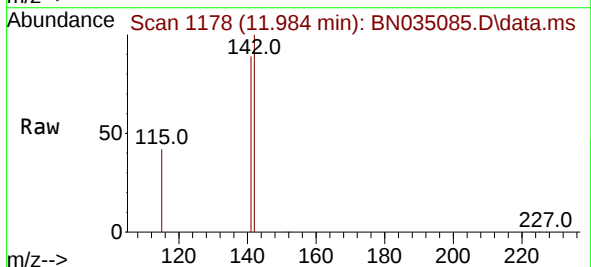
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BNA_N
ClientSampleId :
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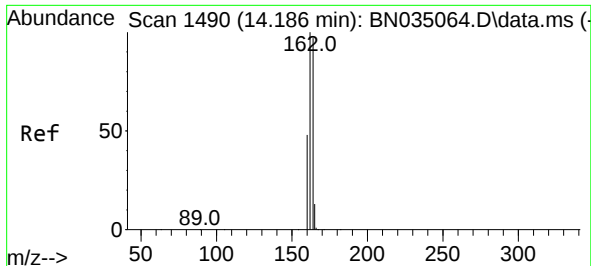
Tgt Ion:152 Resp: 7
Ion Ratio Lower Upper
152 100
151 28.6 16.2 24.4#



#12
2-Methylnaphthalene
Concen: 1.849 ng
RT: 11.984 min Scan# 1178
Delta R.T. -0.004 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

Tgt Ion:142 Resp: 28229
Ion Ratio Lower Upper
142 100
141 89.5 70.1 105.1
115 41.8 34.4 51.6

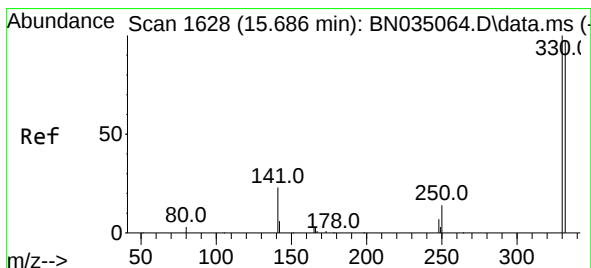
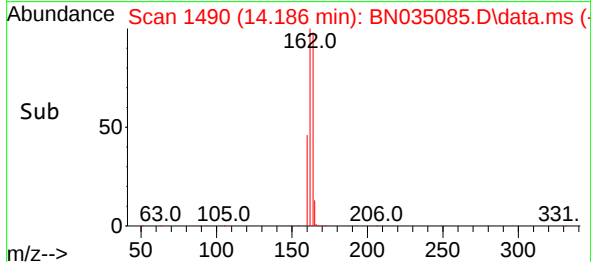
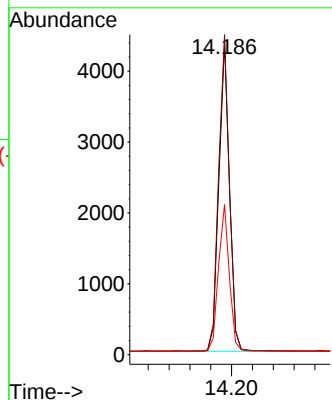
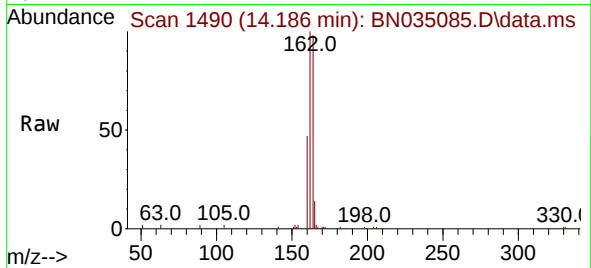




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.186 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

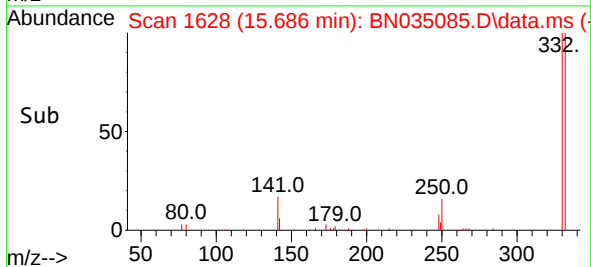
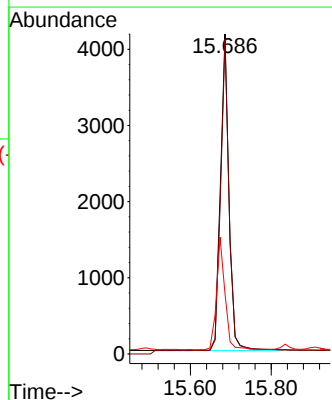
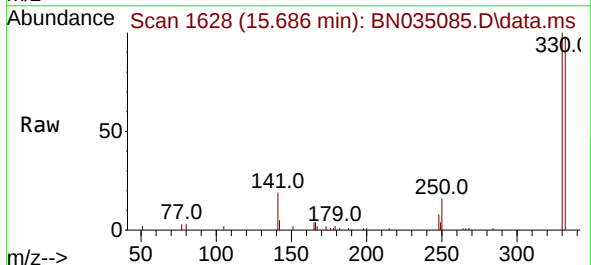
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ClientSampleId :
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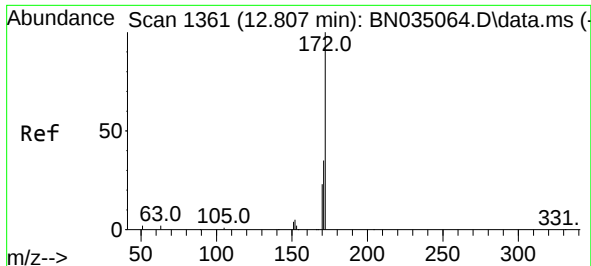
Tgt Ion:164 Resp: 6166
Ion Ratio Lower Upper
164 100
162 102.5 82.2 123.2
160 48.1 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 1.366 ng
RT: 15.686 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

Tgt Ion:330 Resp: 6077
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 35.8 29.6 44.4

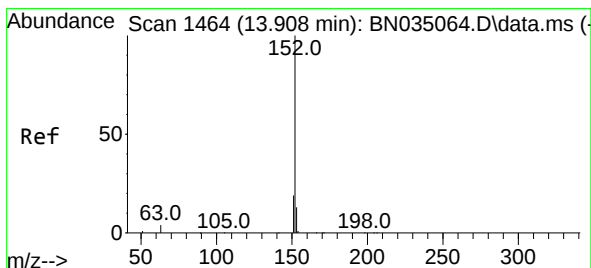
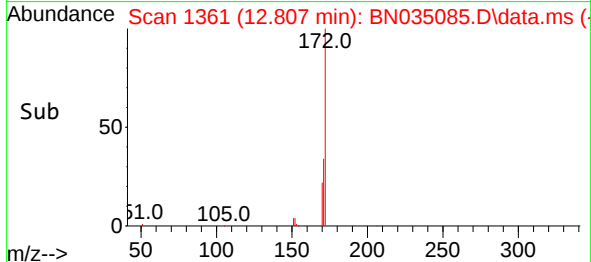
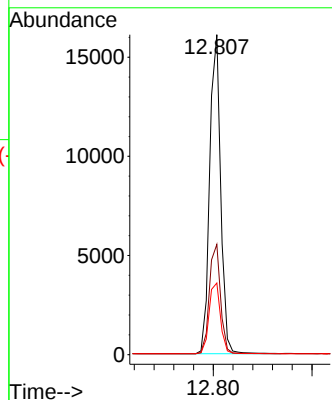
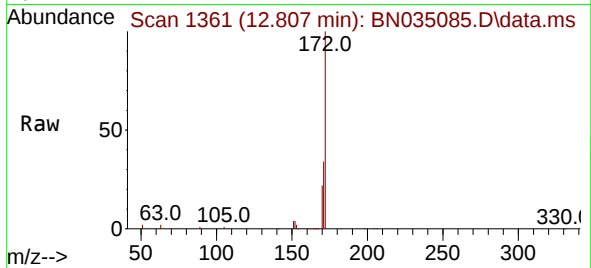




#15
2-Fluorobiphenyl
Concen: 0.990 ng
RT: 12.807 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

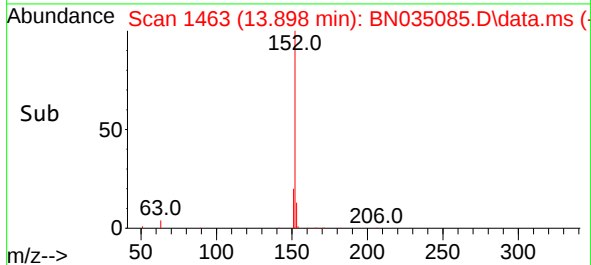
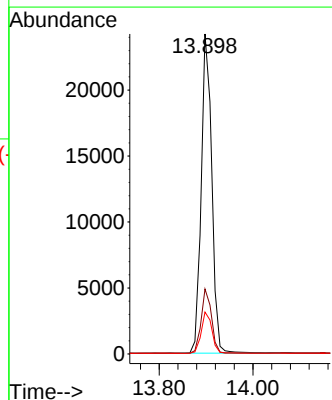
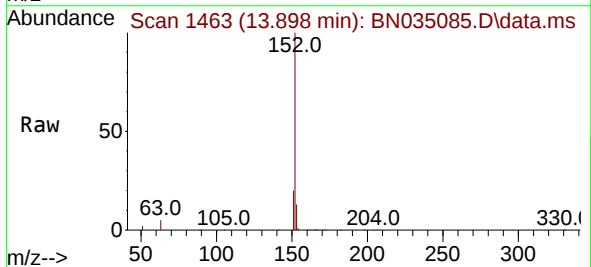
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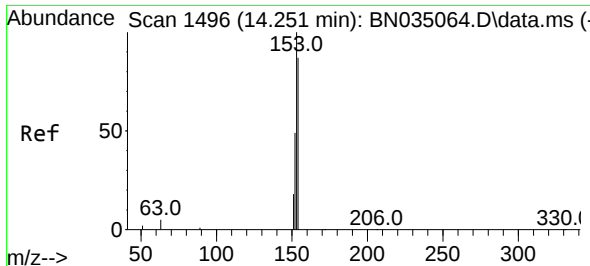
Tgt Ion:172 Resp: 24796
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.4
170 22.4 19.0 28.6



#16
Acenaphthylene
Concen: 1.439 ng
RT: 13.898 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

Tgt Ion:152 Resp: 37913
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.9 10.2 15.4

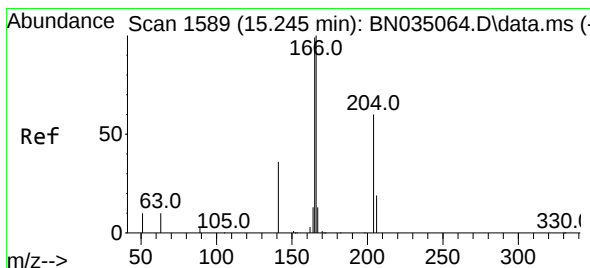
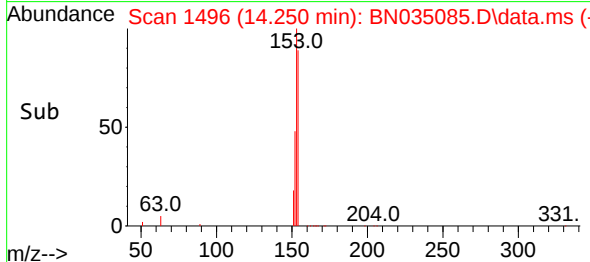
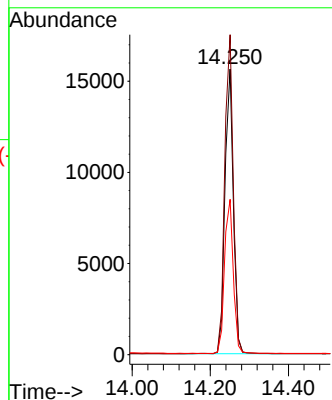
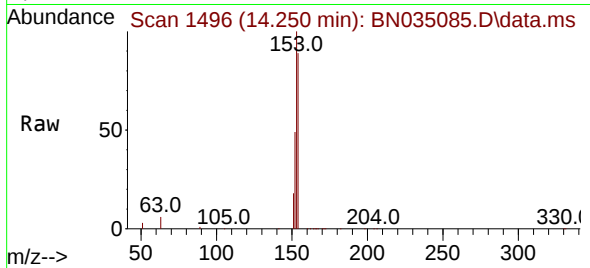




#17
Acenaphthene
Concen: 1.335 ng
RT: 14.250 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

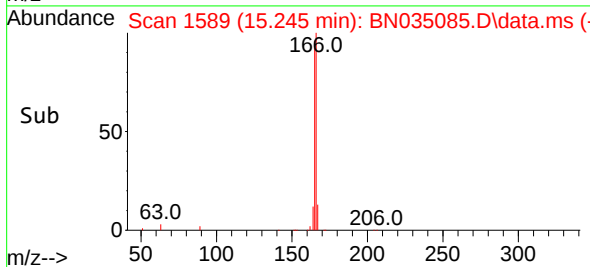
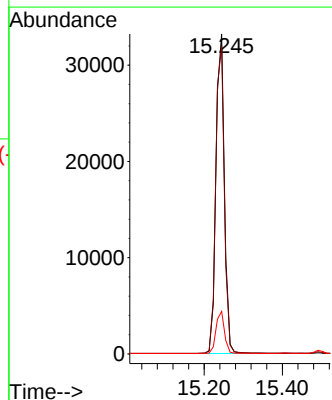
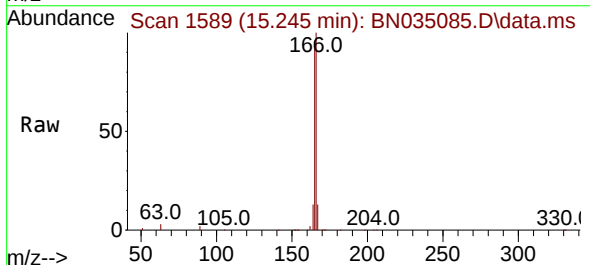
Instrument :
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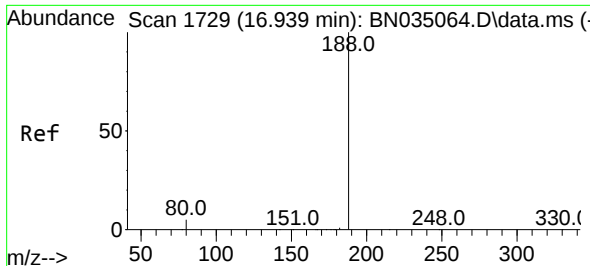
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Ion Ratio Lower Upper
154 100
153 114.1 91.6 137.4
152 56.8 45.8 68.6



#18
Fluorene
Concen: 1.955 ng
RT: 15.245 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

Tgt Ion:166 Resp: 49655
Ion Ratio Lower Upper
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165 98.4 79.1 118.7
167 13.2 10.6 16.0

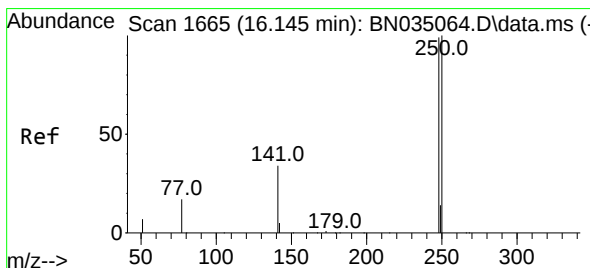
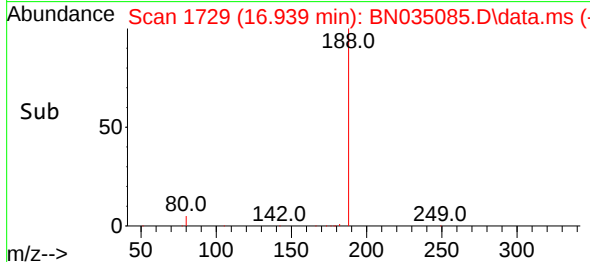
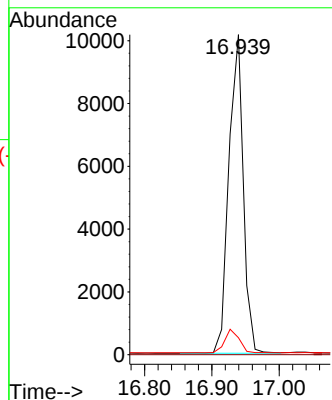
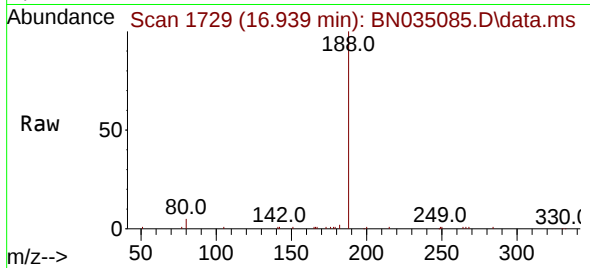




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.939 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

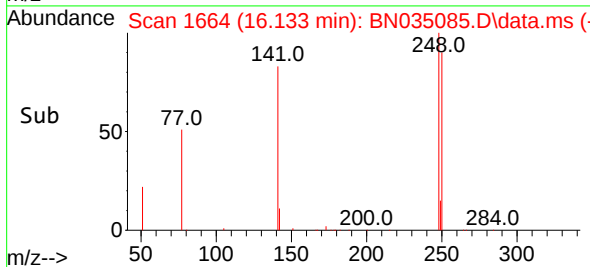
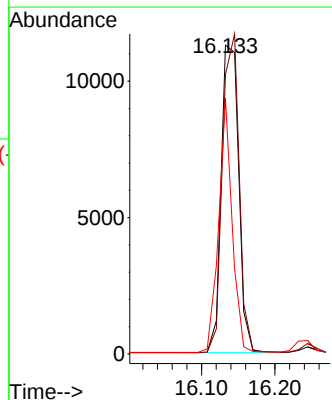
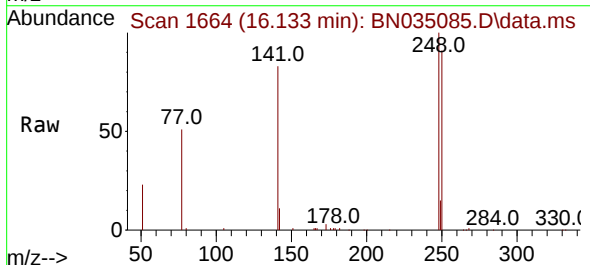
Instrument :
BNA_N
ClientSampleId :
PT-BNA-SOILDL

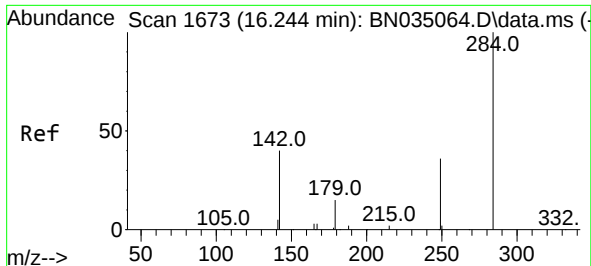
Tgt Ion:188 Resp: 15077
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.3 4.3 6.5



#21
4-Bromophenyl-phenylether
Concen: 1.948 ng
RT: 16.133 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

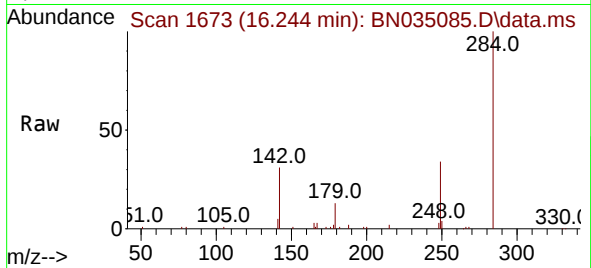
Tgt Ion:248 Resp: 18714
Ion Ratio Lower Upper
248 100
250 90.5 81.2 121.8
141 82.8 29.1 43.7#



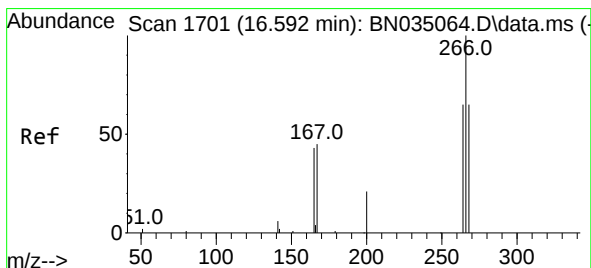
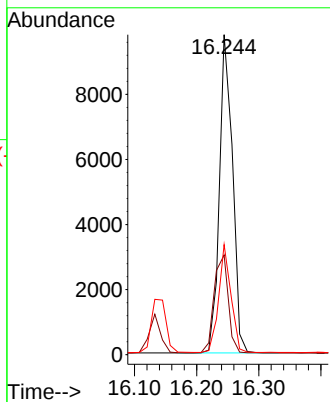
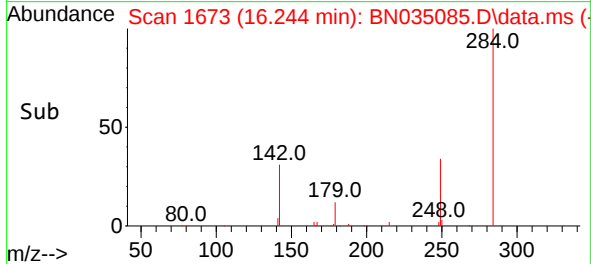


#22
Hexachlorobenzene
Concen: 1.430 ng
RT: 16.244 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

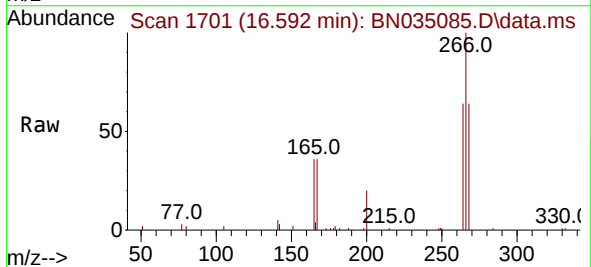
Instrument :
BNA_N
ClientSampleId :
PT-BNA-SOILD



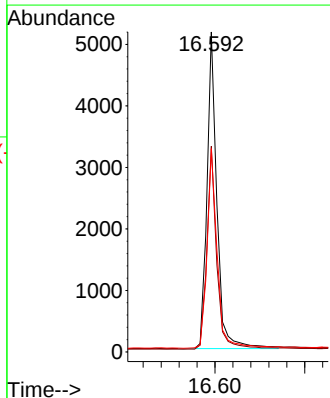
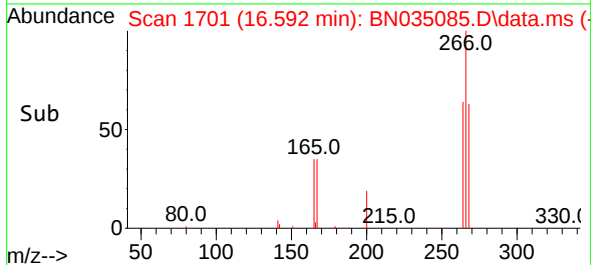
Tgt Ion:284 Resp: 14251
Ion Ratio Lower Upper
284 100
142 33.6 28.2 42.4
249 32.0 26.2 39.2

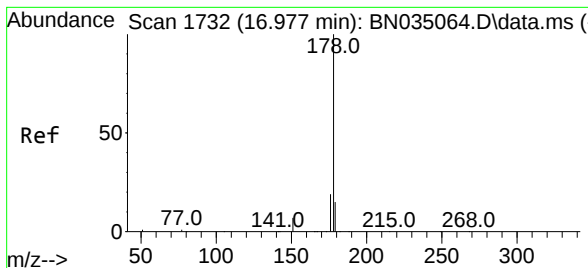


#24
Pentachlorophenol
Concen: 1.691 ng
RT: 16.592 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31



Tgt Ion:266 Resp: 7874
Ion Ratio Lower Upper
266 100
264 63.2 49.4 74.0
268 64.0 52.6 79.0





#25

Phenanthrene

Concen: 1.137 ng

RT: 16.977 min Scan# 1732

Delta R.T. -0.000 min

Lab File: BN035085.D

Acq: 14 Nov 2024 12:31

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOILD

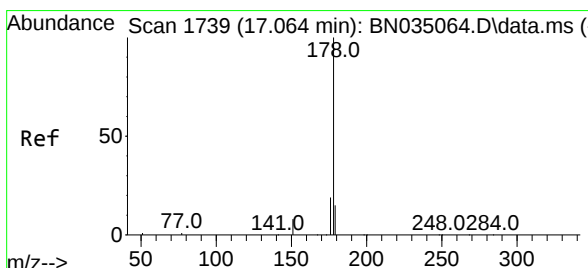
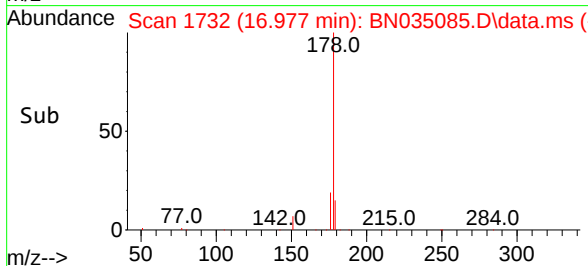
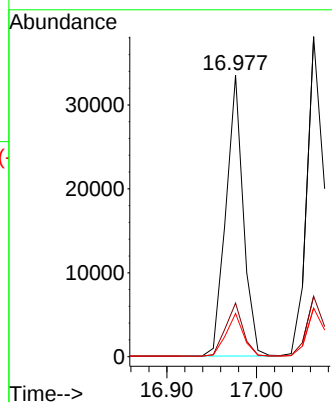
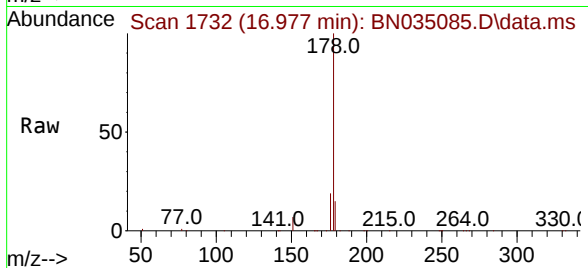
Tgt Ion:178 Resp: 45097

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.2 12.6 18.8



#26

Anthracene

Concen: 1.428 ng

RT: 17.064 min Scan# 1739

Delta R.T. -0.000 min

Lab File: BN035085.D

Acq: 14 Nov 2024 12:31

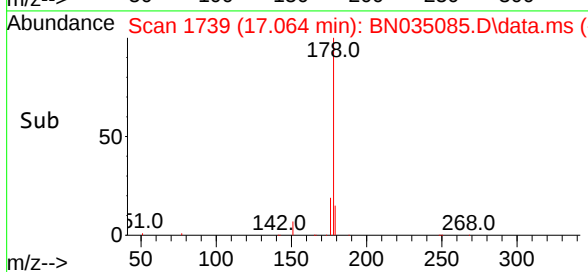
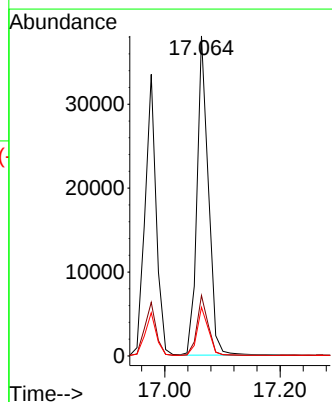
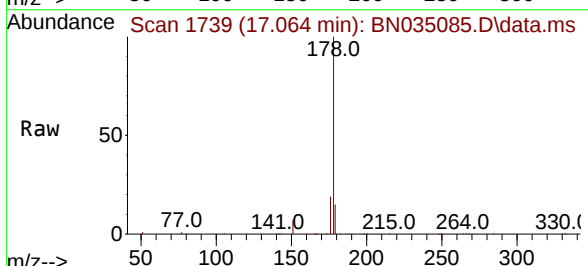
Tgt Ion:178 Resp: 52044

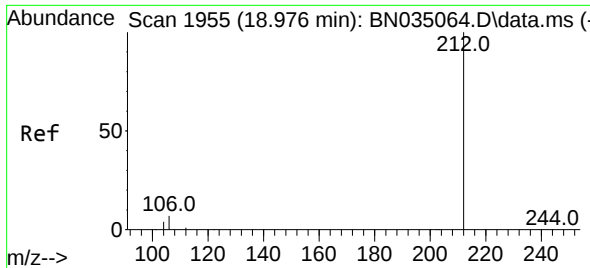
Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

179 15.1 12.2 18.2

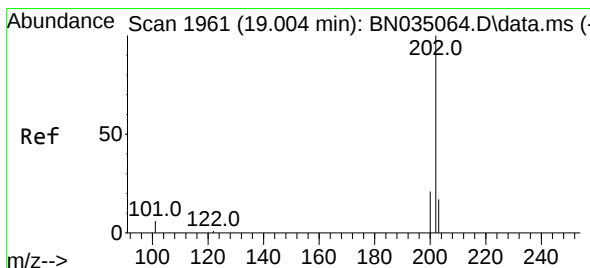
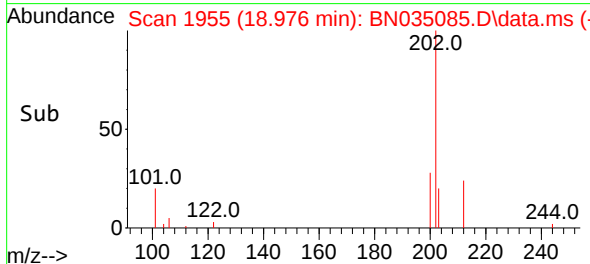
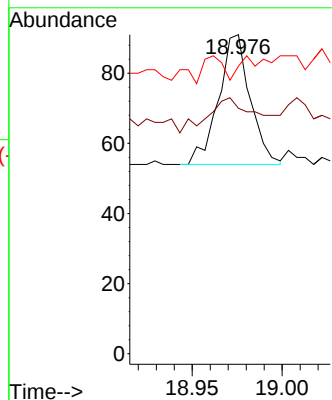
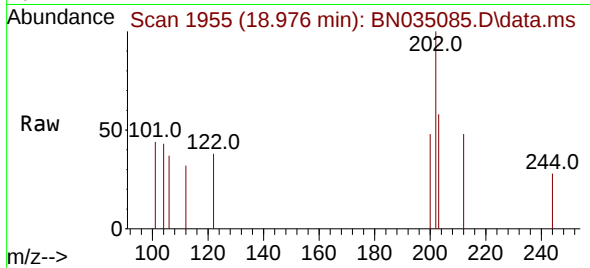




#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 18.976 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

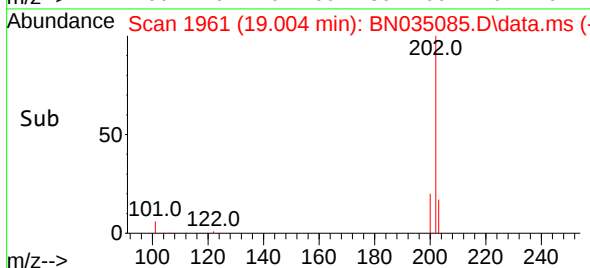
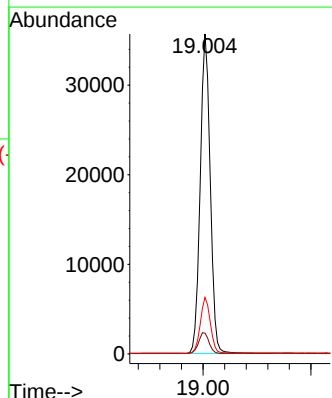
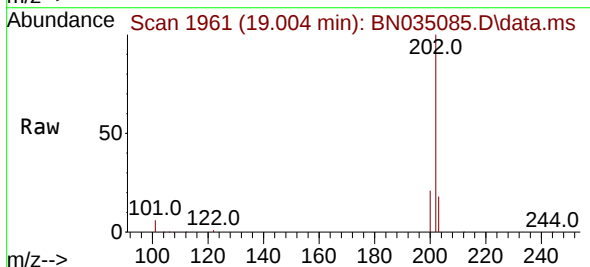
Instrument :
BNA_N
ClientSampleId :
PT-BNA-SOILDL

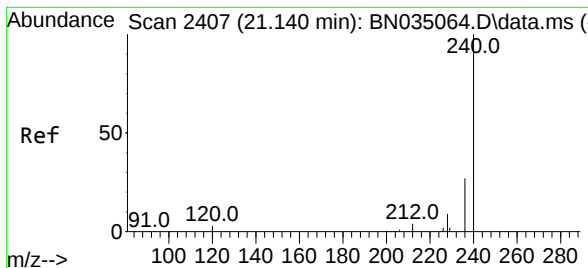
Tgt Ion:212 Resp: 45
Ion Ratio Lower Upper
212 100
106 35.6 6.0 9.0#
104 8.9 3.5 5.3#



#28
Fluoranthene
Concen: 0.840 ng
RT: 19.004 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

Tgt Ion:202 Resp: 45809
Ion Ratio Lower Upper
202 100
101 6.7 5.2 7.8
203 17.4 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.140 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BN035085.D

Acq: 14 Nov 2024 12:31

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOILDL

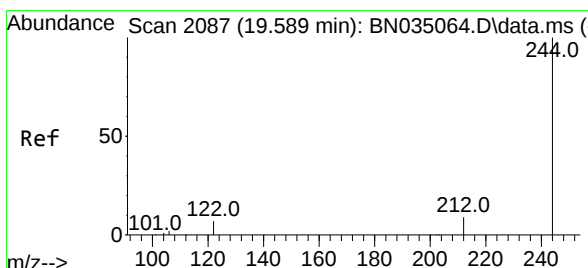
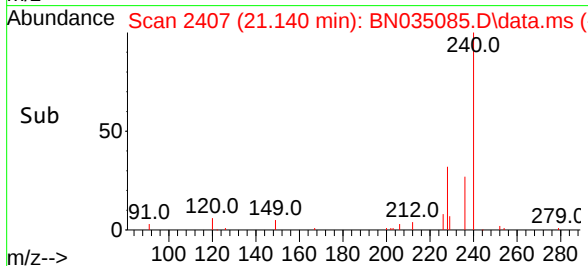
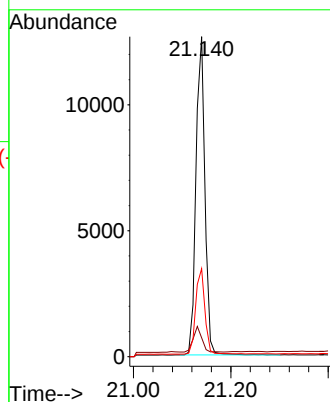
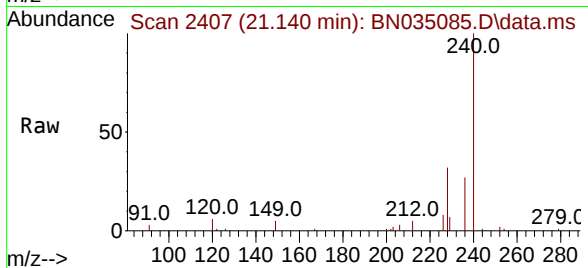
Tgt Ion:240 Resp: 16134

Ion Ratio Lower Upper

240 100

120 5.9 3.8 5.6#

236 27.5 22.2 33.2



#31

Terphenyl-d14

Concen: 1.387 ng

RT: 19.584 min Scan# 2086

Delta R.T. -0.005 min

Lab File: BN035085.D

Acq: 14 Nov 2024 12:31

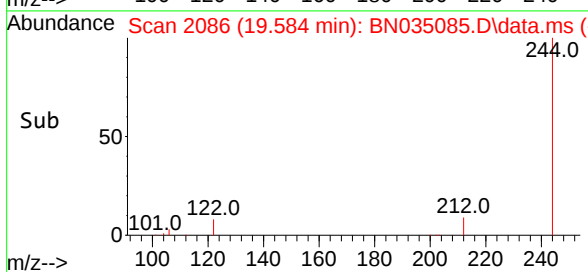
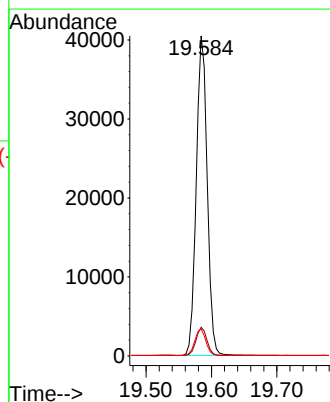
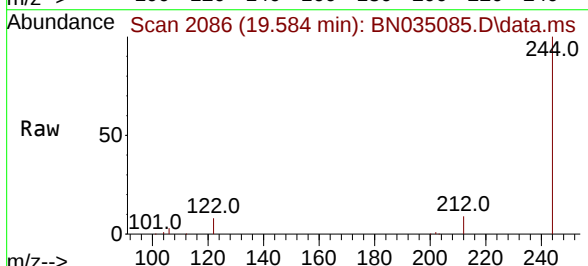
Tgt Ion:244 Resp: 46960

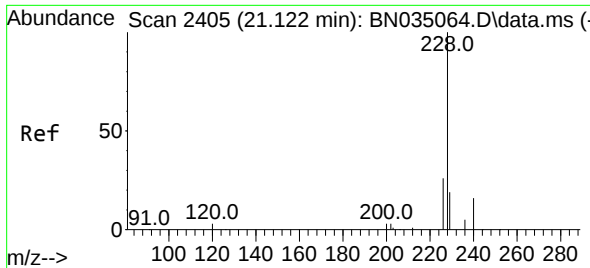
Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

122 8.5 6.1 9.1

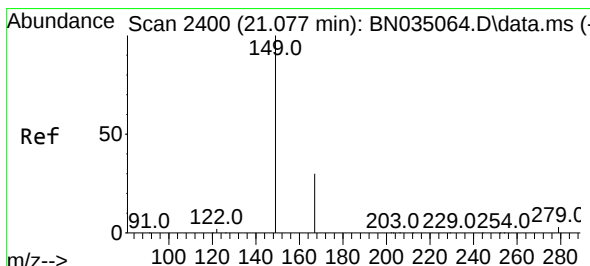
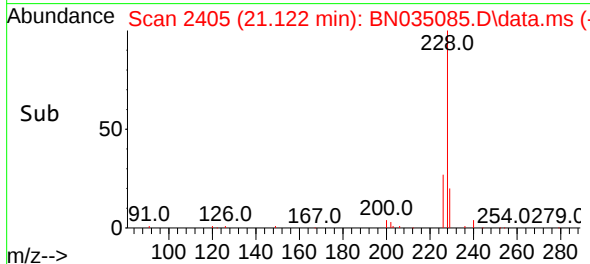
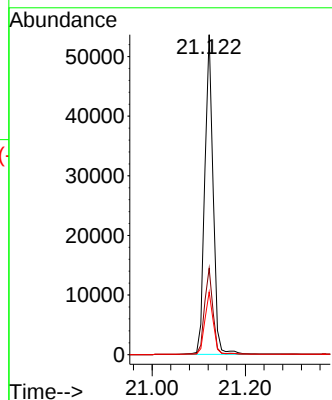
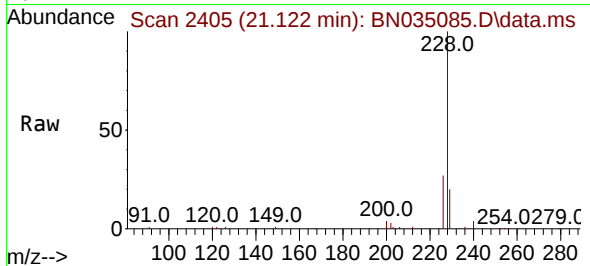




#32
Benzo(a)anthracene
Concen: 1.190 ng
RT: 21.122 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

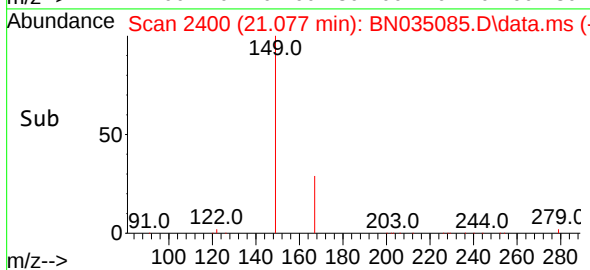
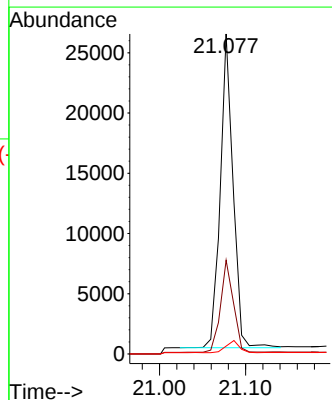
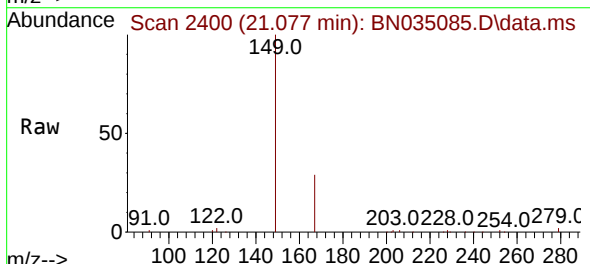
Instrument :
BNA_N
ClientSampleId :
PT-BNA-SOILD

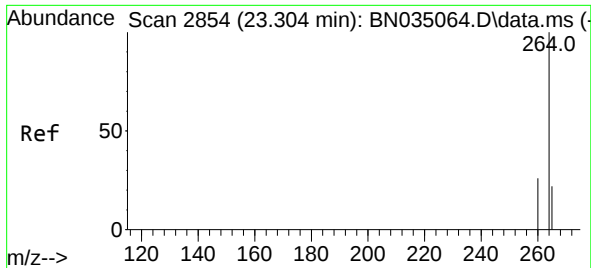
Tgt Ion:228 Resp: 66841
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.6 15.7 23.5



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.907 ng
RT: 21.077 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BN035085.D
Acq: 14 Nov 2024 12:31

Tgt Ion:149 Resp: 26743
Ion Ratio Lower Upper
149 100
167 29.4 23.2 34.8
279 3.9 3.2 4.8

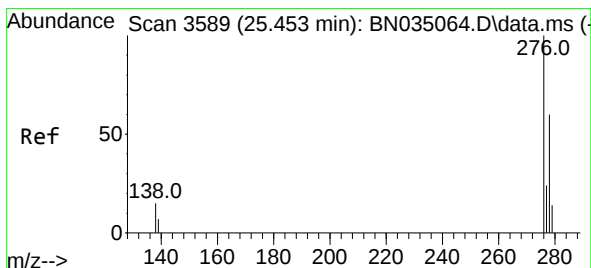
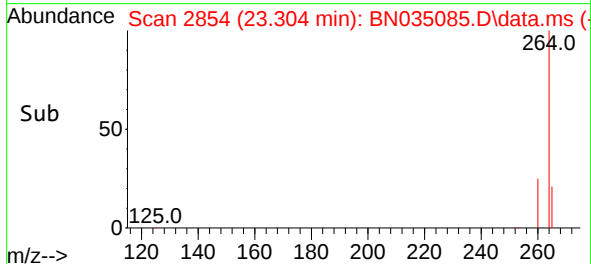
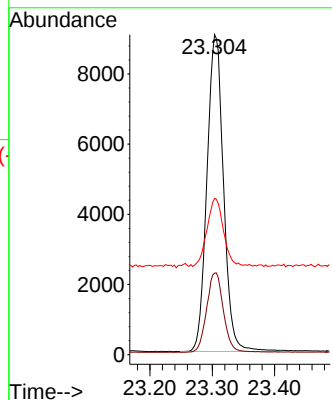
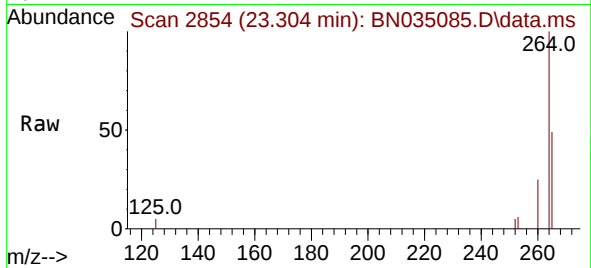




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.304 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN035085.D
 Acq: 14 Nov 2024 12:31

Instrument :
 BNA_N
 ClientSampleId :
 PT-BNA-SOILD

Tgt Ion:264 Resp: 16703
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.9 31.3
 265 48.8 35.4 53.2



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.608 ng
 RT: 25.450 min Scan# 3588
 Delta R.T. -0.003 min
 Lab File: BN035085.D
 Acq: 14 Nov 2024 12:31

Tgt Ion:276 Resp: 40491
 Ion Ratio Lower Upper
 276 100
 138 13.0 13.0 19.4
 277 23.5 19.8 29.6

