

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
 Data File : BN035515.D
 Acq On : 09 Dec 2024 20:07
 Operator : RC/JU
 Sample : P5164-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20241206

Quant Time: Dec 10 01:27:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

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

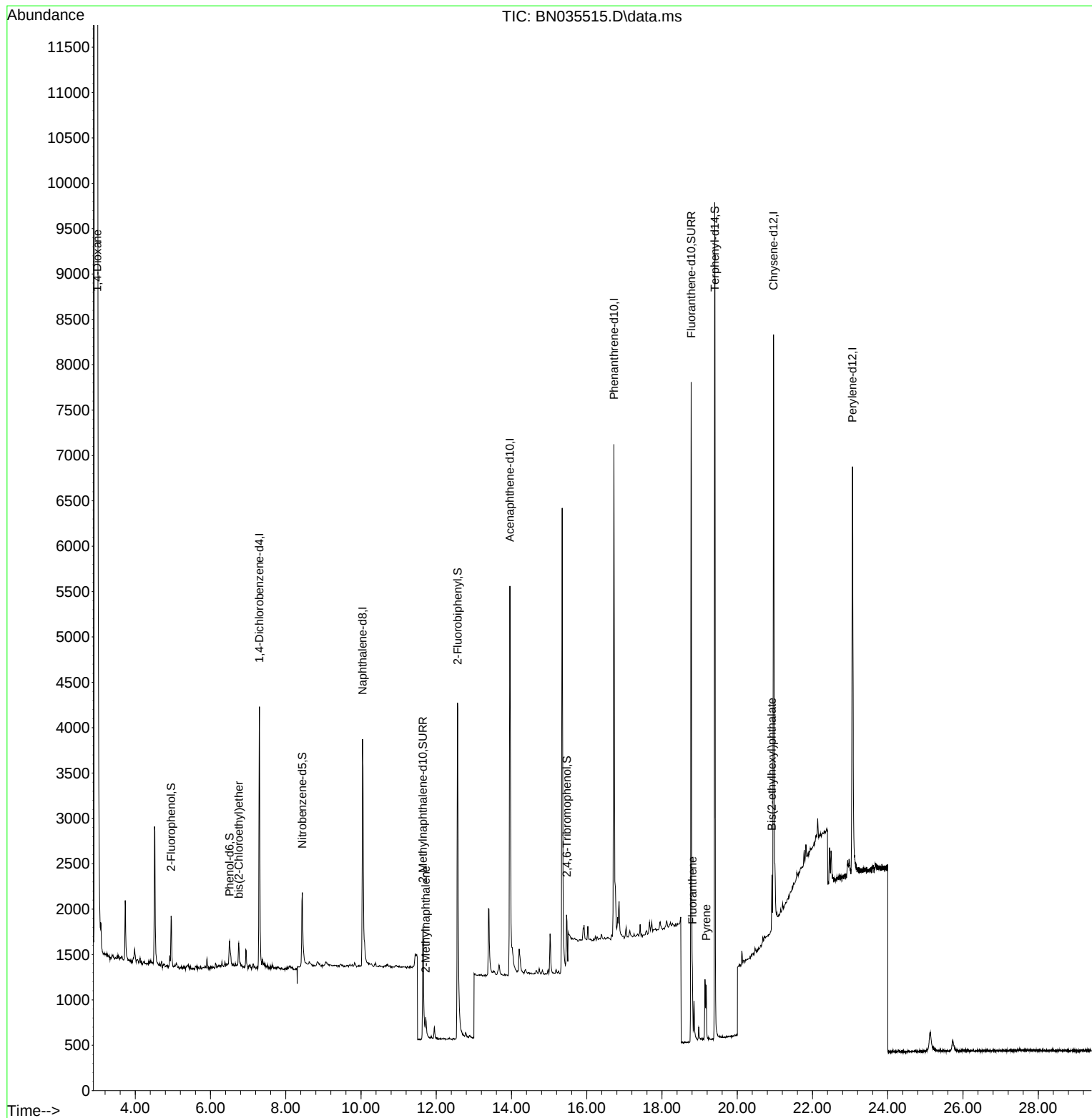
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.301	152	1526	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	4181	0.400	ng	-0.01
13) Acenaphthene-d10	13.957	164	3189	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	7888	0.400	ng	#-0.01
29) Chrysene-d12	20.965	240	6613	0.400	ng	# 0.00
35) Perylene-d12	23.062	264	6375	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.953	112	515	0.135	ng	-0.01
5) Phenol-d6	6.506	99	362	0.079	ng	0.00
8) Nitrobenzene-d5	8.440	82	974	0.381	ng	0.00
11) 2-Methylnaphthalene-d10	11.646	152	2393	0.366	ng	-0.01
14) 2,4,6-Tribromophenol	15.475	330	624	0.276	ng	0.00
15) 2-Fluorobiphenyl	12.569	172	4693	0.389	ng	0.00
27) Fluoranthene-d10	18.775	212	8943	0.400	ng	0.00
31) Terphenyl-d14	19.403	244	9308	0.714	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.989	88	6848	4.694	ng	96
6) bis(2-Chloroethyl)ether	6.752	93	214	0.055	ng	93
12) 2-Methylnaphthalene	11.722	142	170	0.022	ng	# 80
28) Fluoranthene	18.808	202	623	0.021	ng	# 91
30) Pyrene	19.175	202	530	0.022	ng	97
34) Bis(2-ethylhexyl)phtha...	20.920	149	701	0.077	ng	97

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RE105D1-20241206

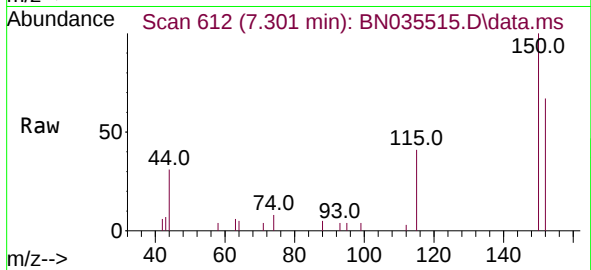
Quant Time: Dec 10 01:27:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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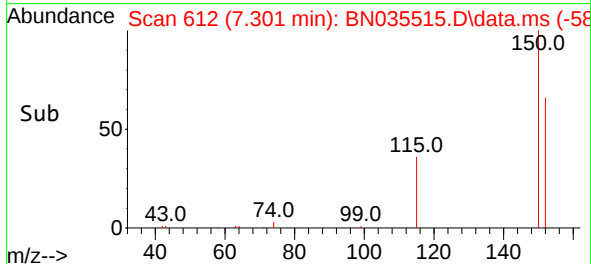
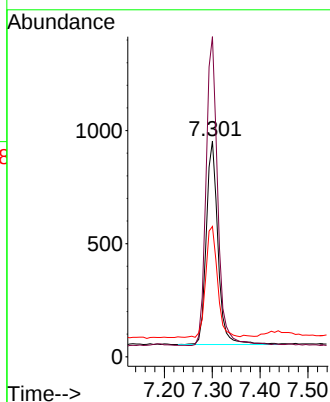


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.301 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN035515.D
 Acq: 09 Dec 2024 20:07

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20241206

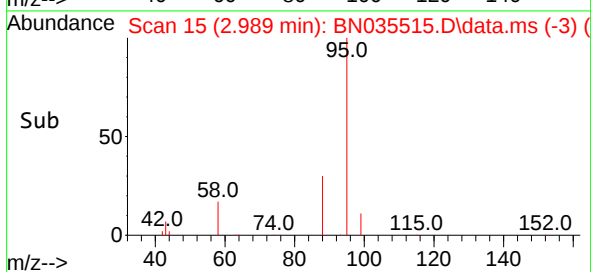
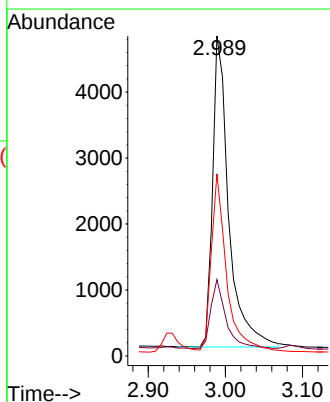
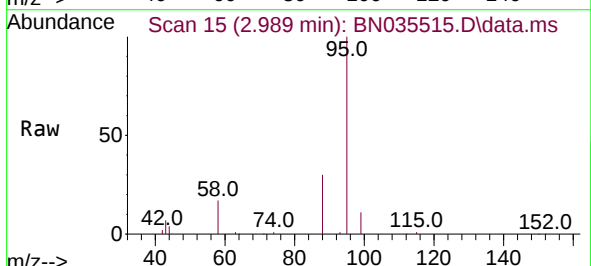


Tgt Ion:152 Resp: 1526
 Ion Ratio Lower Upper
 152 100
 150 148.3 124.0 186.0
 115 60.4 49.6 74.4



#2
 1,4-Dioxane
 Concen: 4.694 ng
 RT: 2.989 min Scan# 15
 Delta R.T. -0.014 min
 Lab File: BN035515.D
 Acq: 09 Dec 2024 20:07

Tgt Ion: 88 Resp: 6848
 Ion Ratio Lower Upper
 88 100
 43 20.7 17.2 25.8
 58 52.3 44.5 66.7

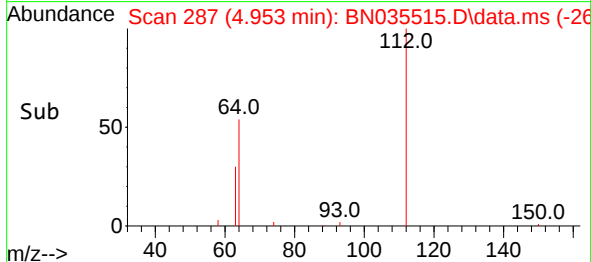
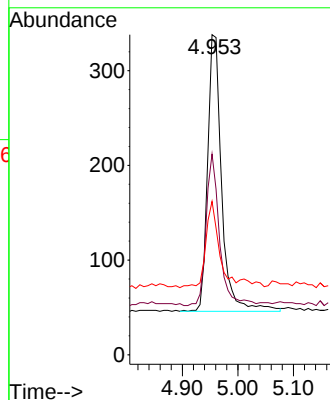
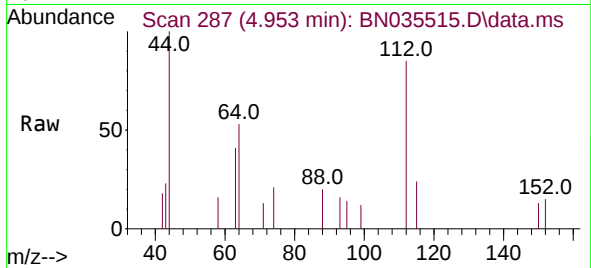




#4
2-Fluorophenol
Concen: 0.135 ng
RT: 4.953 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

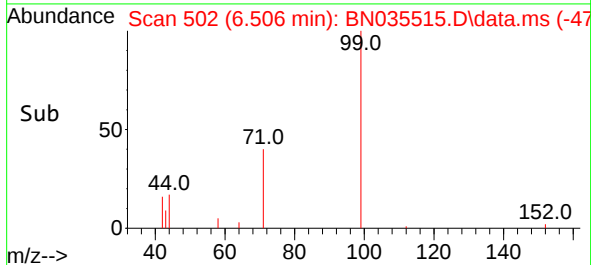
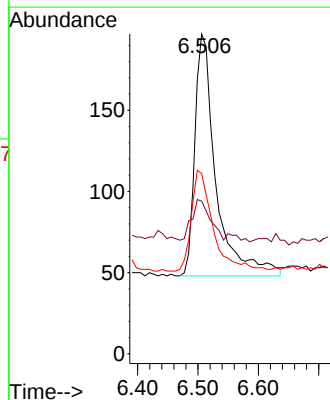
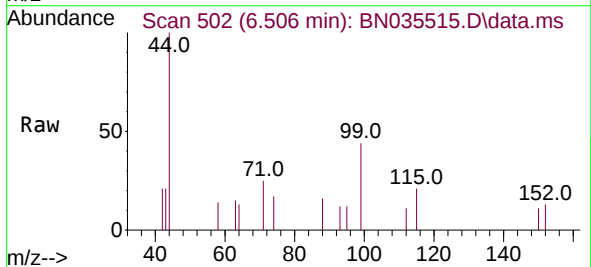
Instrument :
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ClientSampleId :
RE105D1-20241206

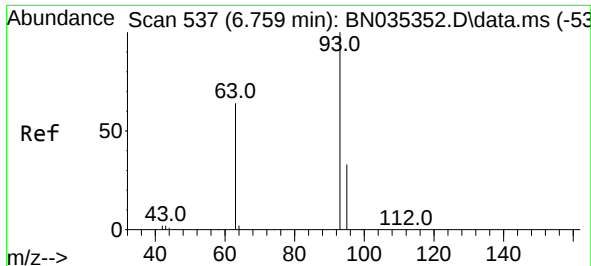
Tgt Ion:112 Resp: 515
Ion Ratio Lower Upper
112 100
64 52.0 39.8 59.8
63 28.7 21.0 31.6



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.506 min Scan# 502
Delta R.T. -0.007 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

Tgt Ion: 99 Resp: 362
Ion Ratio Lower Upper
99 100
42 14.4 11.4 17.2
71 42.8 29.3 43.9

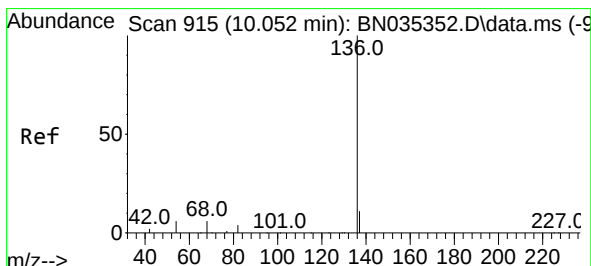
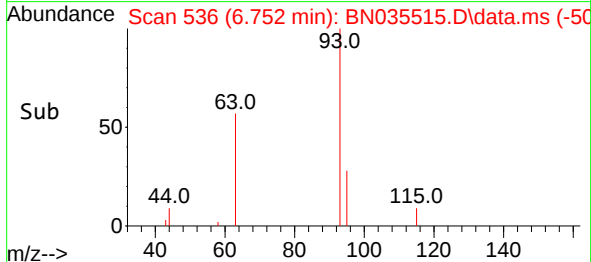
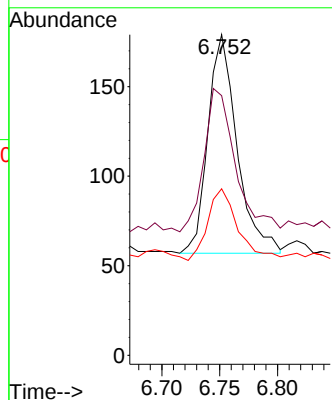
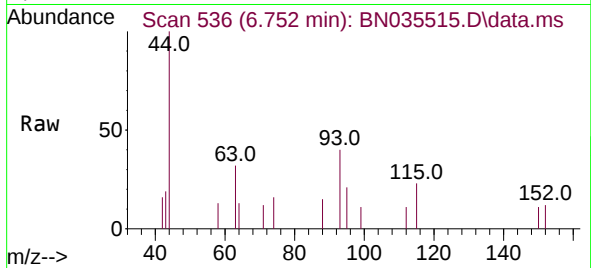




#6
bis(2-Chloroethyl)ether
Concen: 0.055 ng
RT: 6.752 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

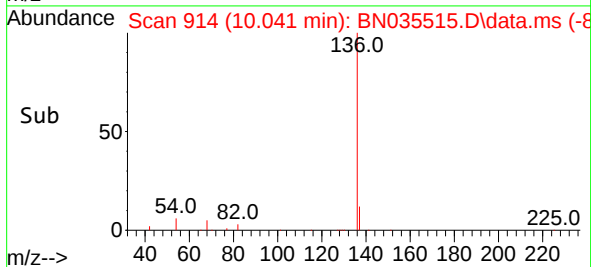
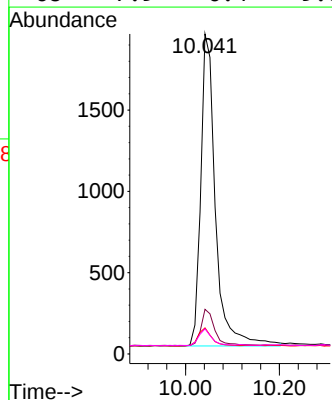
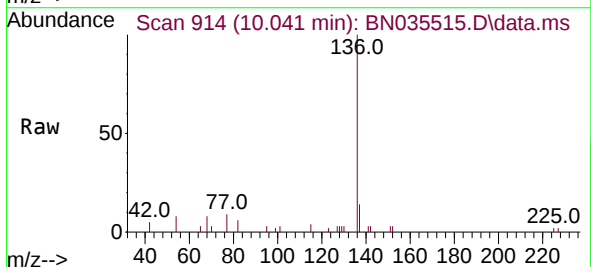
Instrument :
BNA_N
ClientSampleId :
RE105D1-20241206

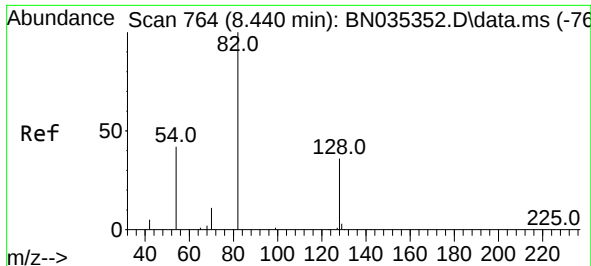
Tgt Ion: 93 Resp: 214
Ion Ratio Lower Upper
93 100
63 70.1 50.4 75.6
95 34.1 25.7 38.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.041 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

Tgt Ion: 136 Resp: 4181
Ion Ratio Lower Upper
136 100
137 14.0 10.2 15.2
54 8.1 6.1 9.1
68 7.9 6.4 9.6

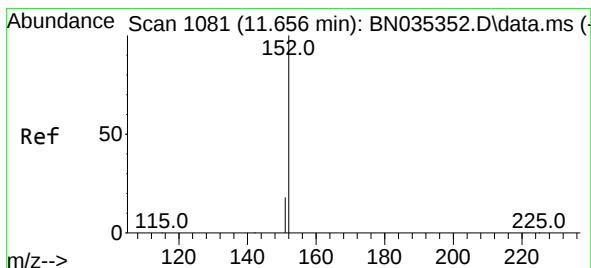
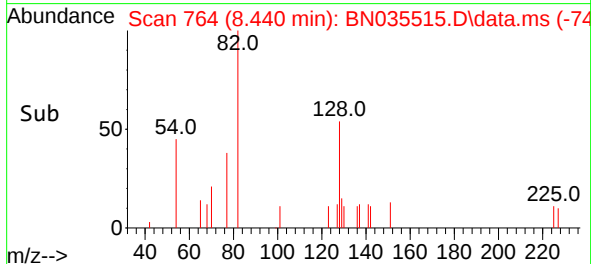
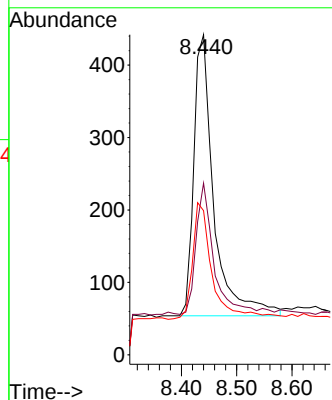
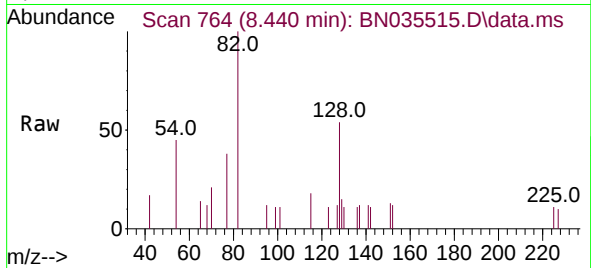




#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.440 min Scan# 764
Delta R.T. 0.000 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

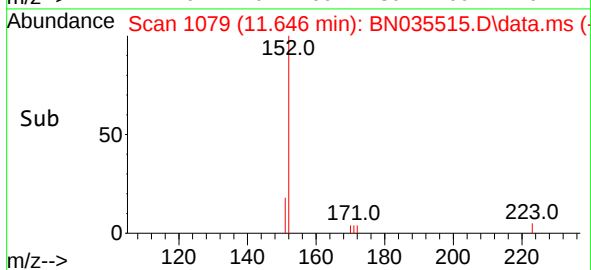
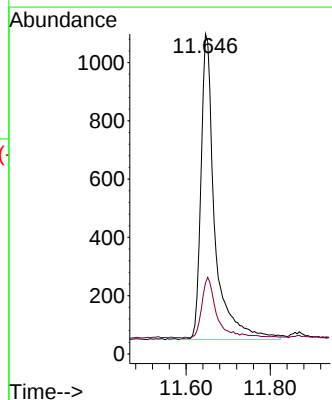
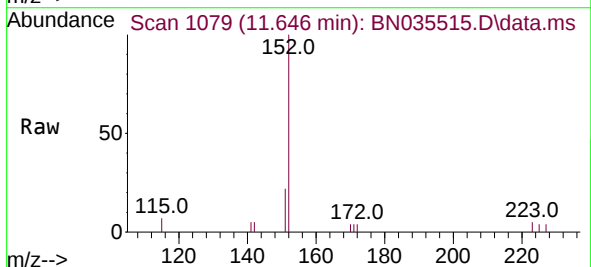
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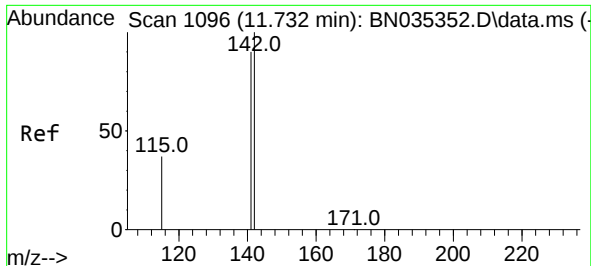
Tgt Ion: 82 Resp: 974
Ion Ratio Lower Upper
82 100
128 53.6 33.4 50.0#
54 45.0 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 11.646 min Scan# 1079
Delta R.T. -0.010 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

Tgt Ion: 152 Resp: 2393
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0

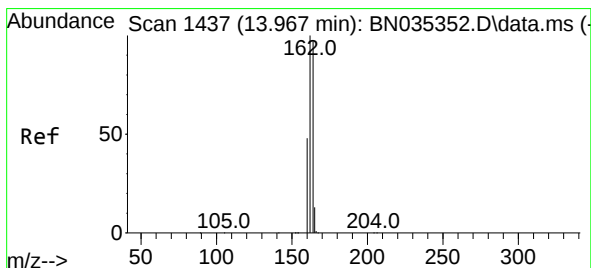
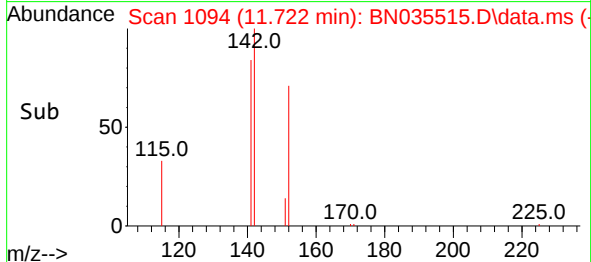
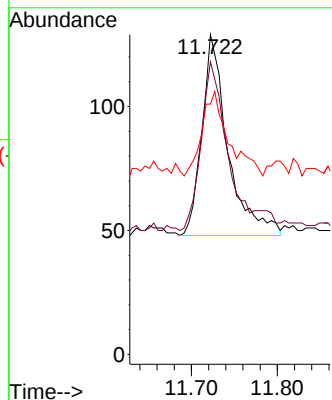
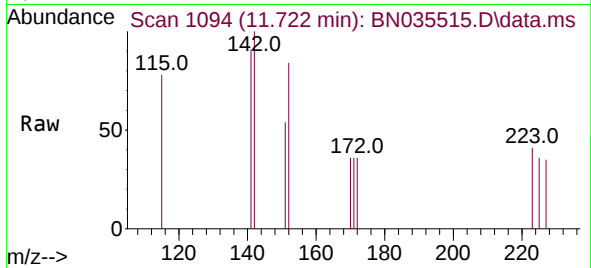




#12
2-Methylnaphthalene
Concen: 0.022 ng
RT: 11.722 min Scan# 1096
Delta R.T. -0.010 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

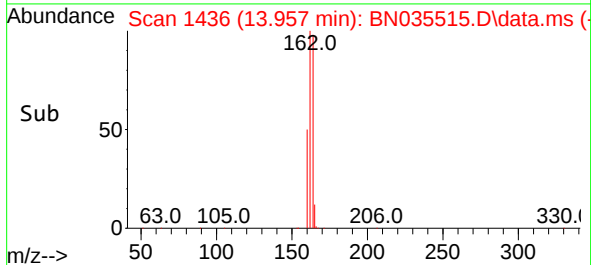
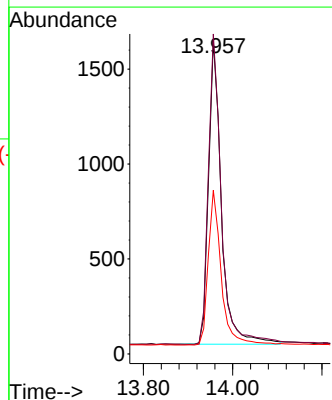
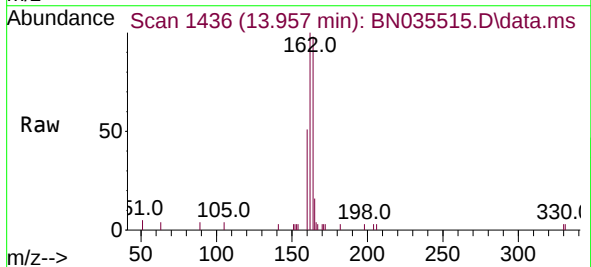
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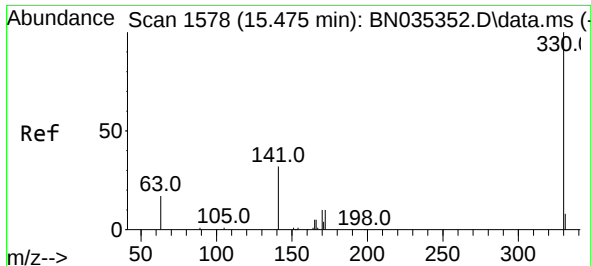
Tgt Ion:142 Resp: 170
Ion Ratio Lower Upper
142 100
141 91.5 72.2 108.4
115 78.3 31.4 47.0#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.957 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

Tgt Ion:164 Resp: 3189
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 52.3 40.1 60.1

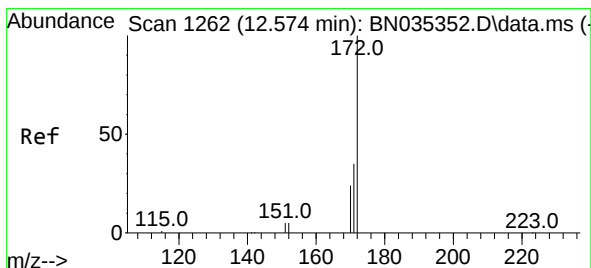
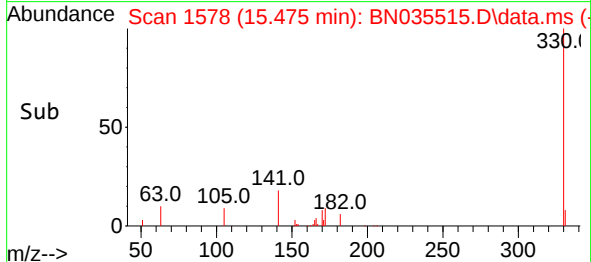
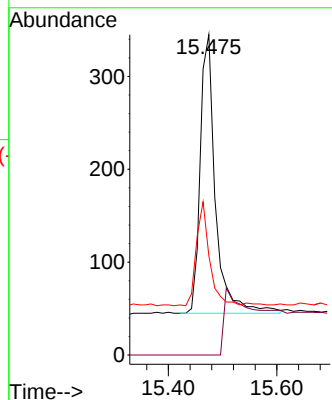
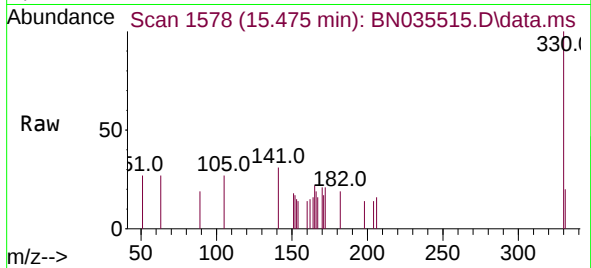




#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

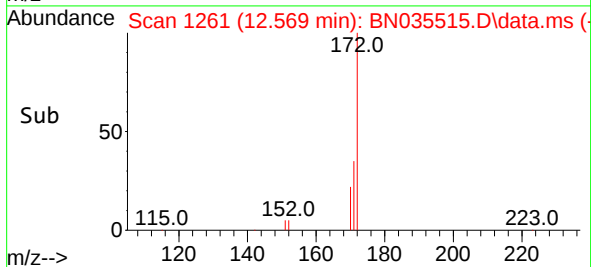
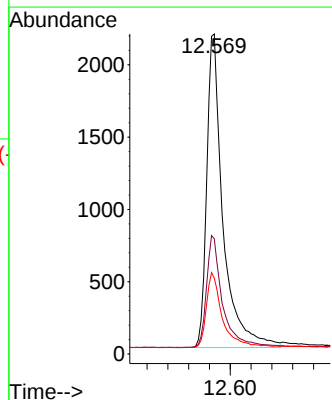
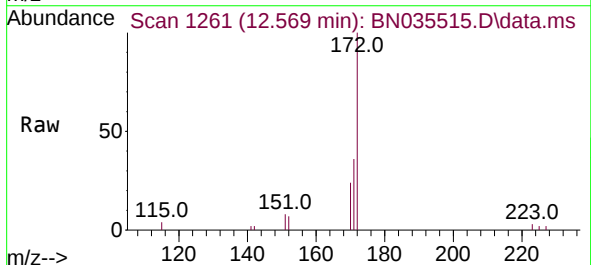
Instrument :
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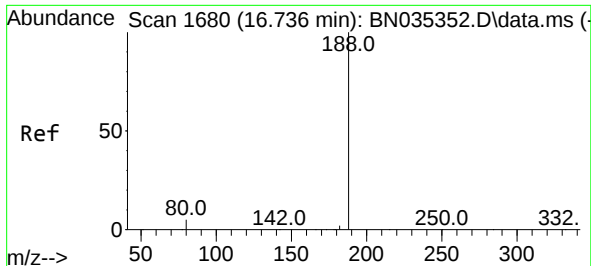
Tgt Ion:330 Resp: 624
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.1 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.569 min Scan# 1261
Delta R.T. -0.005 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

Tgt Ion:172 Resp: 4693
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.7 19.8 29.8

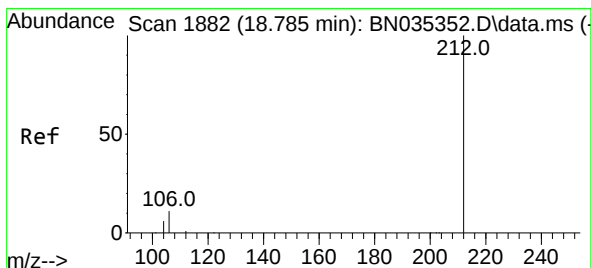
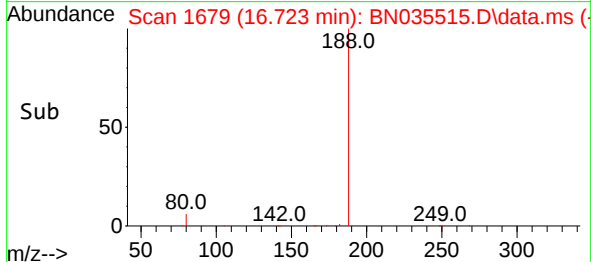
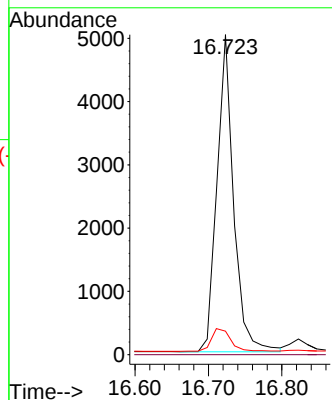
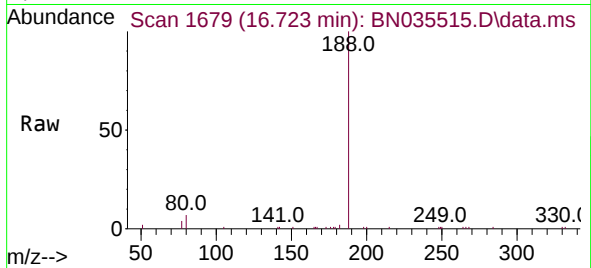




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.723 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

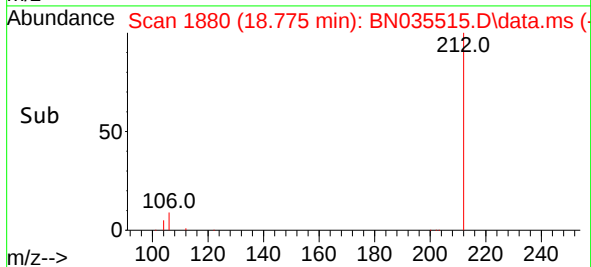
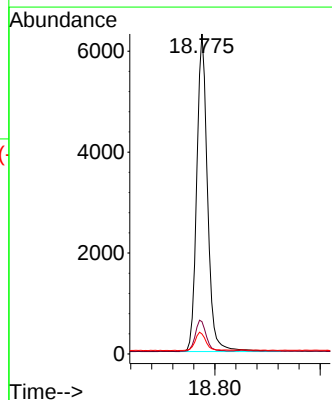
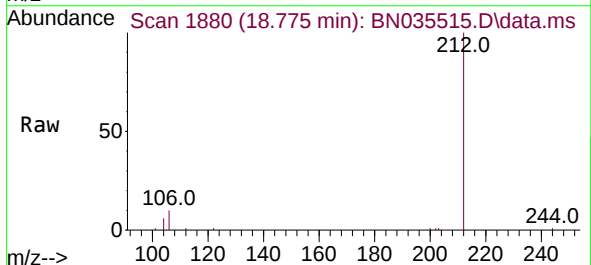
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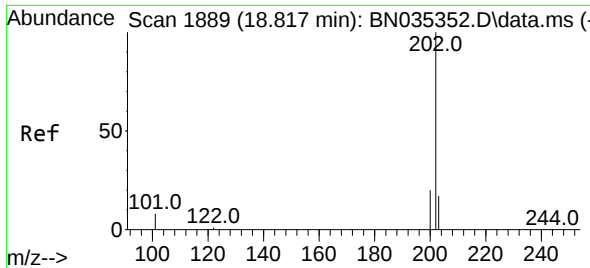
Tgt Ion:188 Resp: 7888
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 4.6 6.8#



#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 18.775 min Scan# 1880
Delta R.T. -0.009 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

Tgt Ion:212 Resp: 8943
Ion Ratio Lower Upper
212 100
106 9.8 9.2 13.8
104 5.7 5.3 7.9

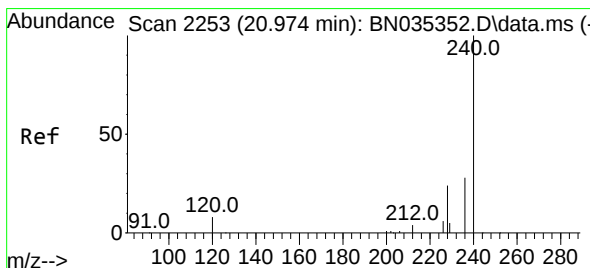
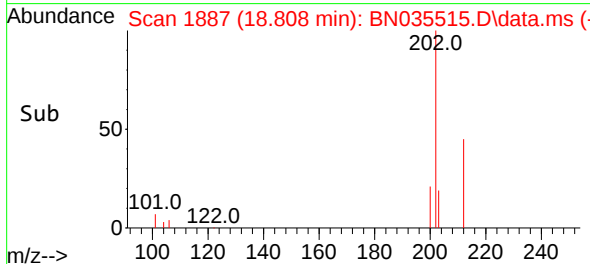
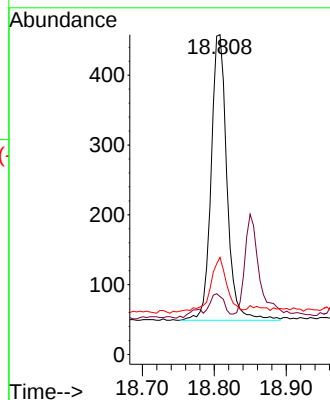
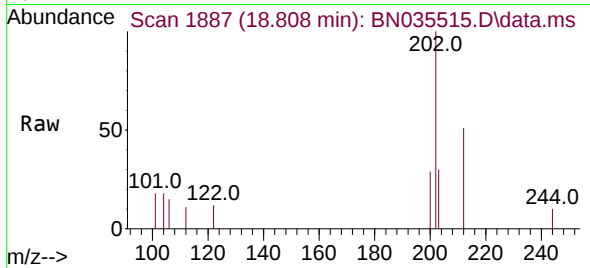




#28
Fluoranthene
Concen: 0.021 ng
RT: 18.808 min Scan# 1887
Delta R.T. -0.009 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

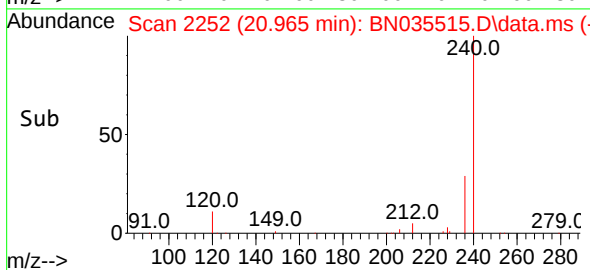
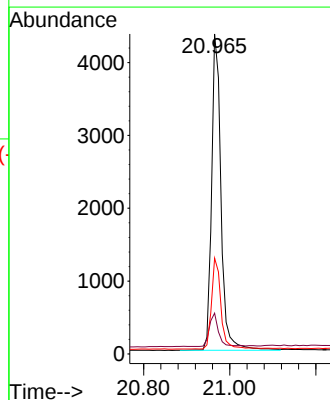
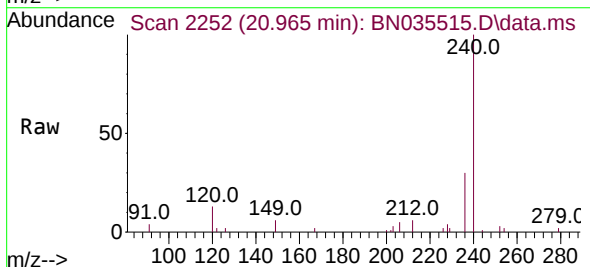
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ClientSampleId :
RE105D1-20241206

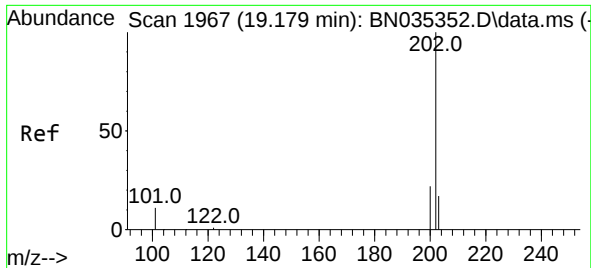
Tgt Ion:202 Resp: 623
Ion Ratio Lower Upper
202 100
101 6.9 7.4 11.0#
203 21.5 13.7 20.5#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.965 min Scan# 2252
Delta R.T. -0.009 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

Tgt Ion:240 Resp: 6613
Ion Ratio Lower Upper
240 100
120 12.7 7.9 11.9#
236 29.9 22.9 34.3

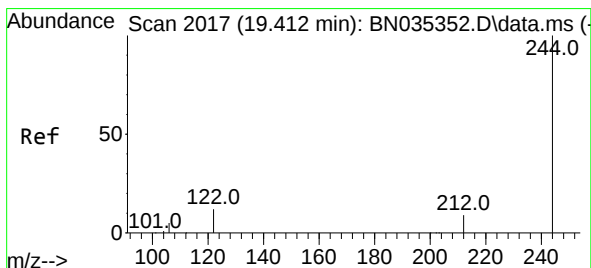
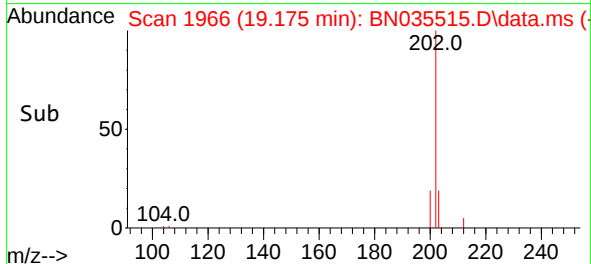
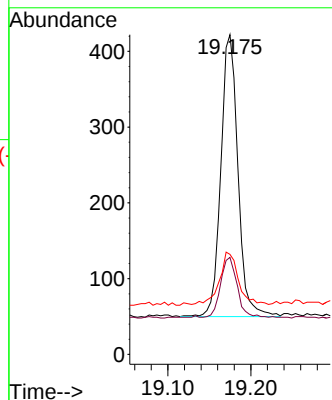
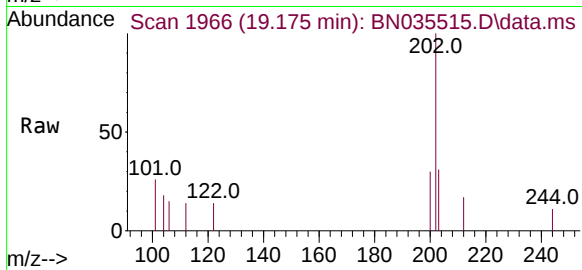




#30
Pyrene
Concen: 0.022 ng
RT: 19.175 min Scan# 1967
Delta R.T. -0.005 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

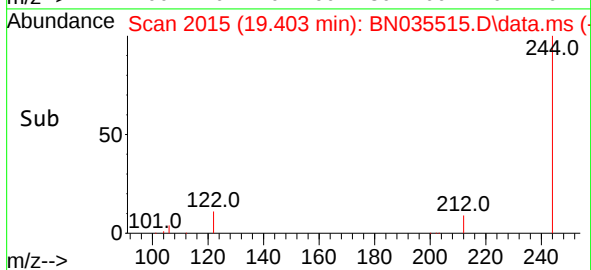
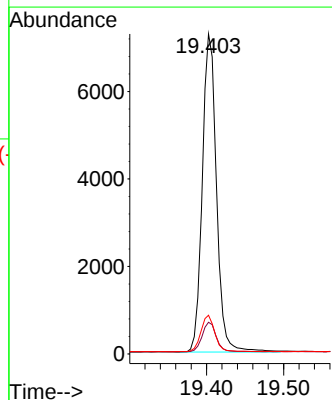
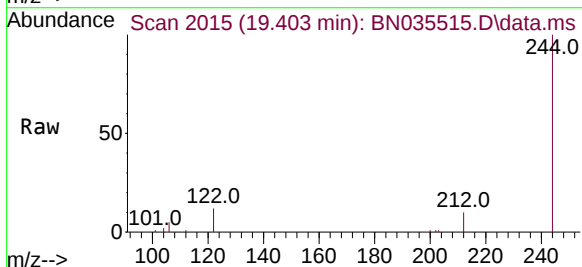
Instrument :
BNA_N
ClientSampleId :
RE105D1-20241206

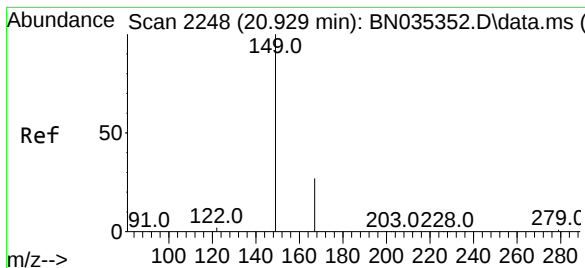
Tgt Ion:	202	Resp:	530
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	20.0	14.3	21.5



#31
Terphenyl-d14
Concen: 0.714 ng
RT: 19.403 min Scan# 2015
Delta R.T. -0.009 min
Lab File: BN035515.D
Acq: 09 Dec 2024 20:07

Tgt Ion:	244	Resp:	9308
Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.1	12.1
122	12.1	10.3	15.5

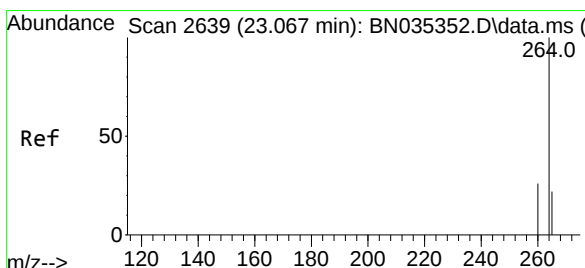
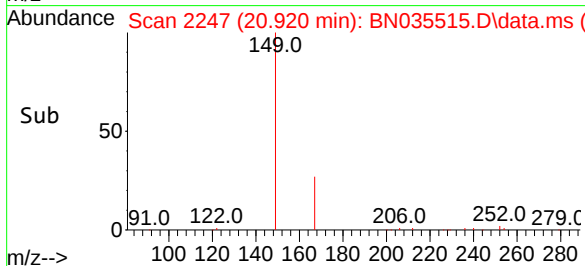
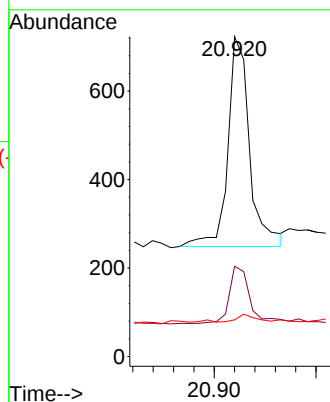
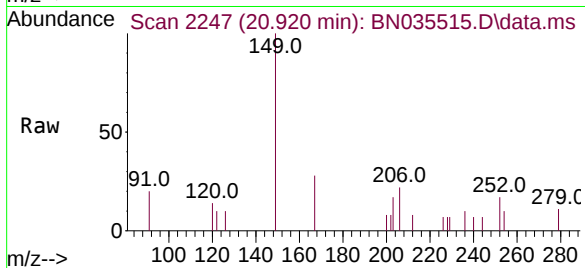




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 20.920 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN035515.D
 Acq: 09 Dec 2024 20:07

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20241206

Tgt Ion:149 Resp: 701
 Ion Ratio Lower Upper
 149 100
 167 25.8 22.2 33.4
 279 3.7 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.062 min Scan# 2637
 Delta R.T. -0.006 min
 Lab File: BN035515.D
 Acq: 09 Dec 2024 20:07

Tgt Ion:264 Resp: 6375
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.2
 265 67.6 40.2 60.4#

