

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034085.D
 Acq On : 20 Sep 2024 13:52
 Operator : JU/RC
 Sample : P3957-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20240911

Quant Time: Sep 20 15:05:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

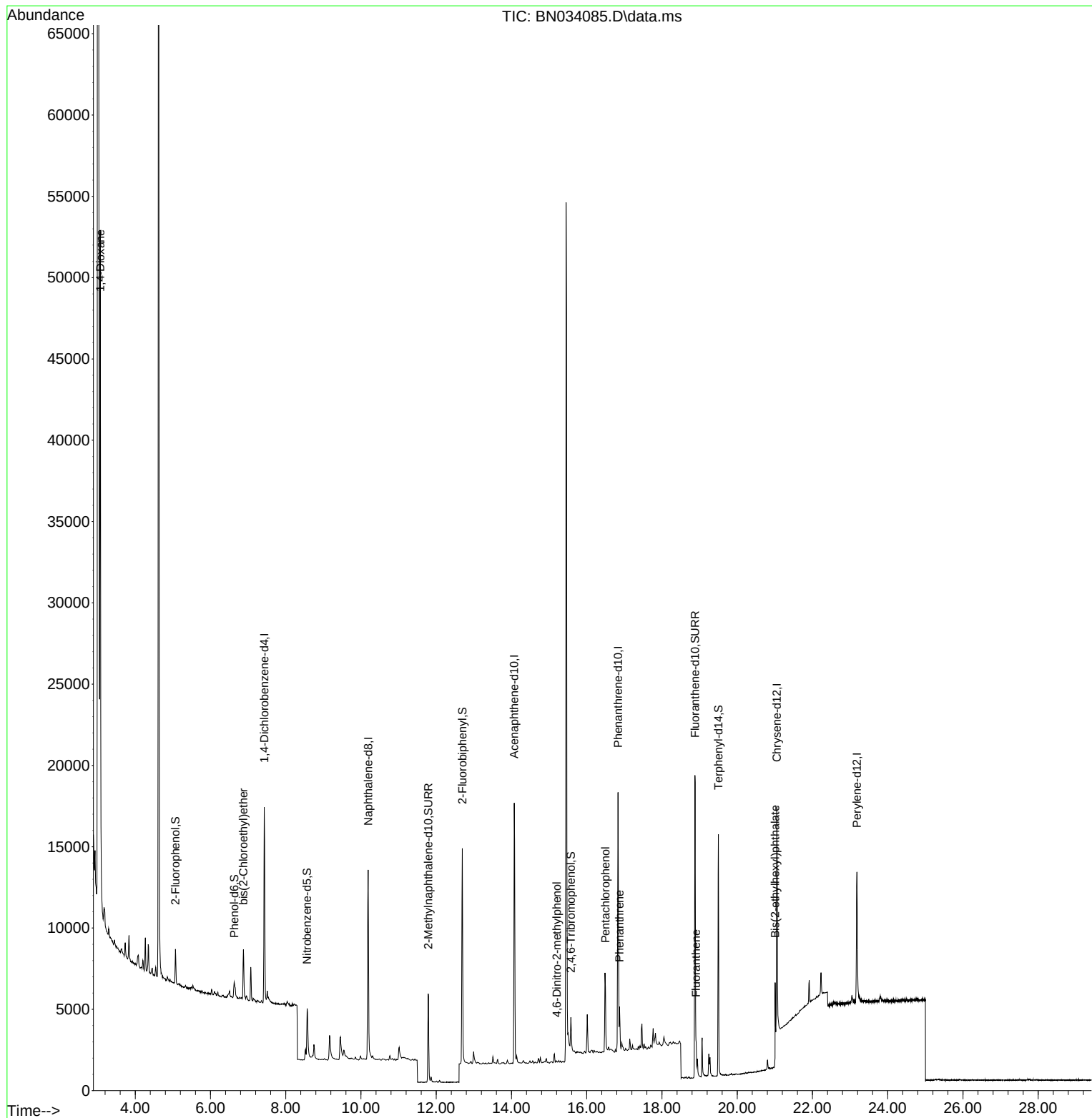
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5791	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	16170	0.400	ng	0.00
13) Acenaphthene-d10	14.073	164	9425	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	19986	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	13487	0.400	ng	0.00
35) Perylene-d12	23.180	264	11035	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1617	0.098	ng	0.00
5) Phenol-d6	6.629	99	935	0.049	ng	0.00
8) Nitrobenzene-d5	8.568	82	3402	0.275	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	7669	0.321	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	1064	0.249	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	11782	0.307	ng	0.00
27) Fluoranthene-d10	18.881	212	20758	0.412	ng	0.00
31) Terphenyl-d14	19.498	244	13448	0.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	18918	2.613	ng	# 86
6) bis(2-Chloroethyl)ether	6.874	93	2154	0.127	ng	98
20) 4,6-Dinitro-2-methylph...	15.206	198	3	0.139	ng	# 1
24) Pentachlorophenol	16.498	266	2584	0.620	ng	99
25) Phenanthrene	16.870	178	2579	0.045	ng	98
28) Fluoranthene	18.908	202	1655	0.025	ng	96
34) Bis(2-ethylhexyl)phtha...	21.008	149	2559	0.144	ng	# 89

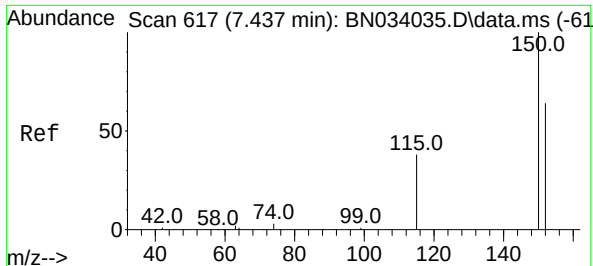
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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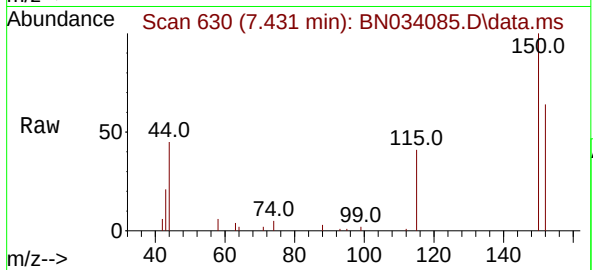
Quant Time: Sep 20 15:05:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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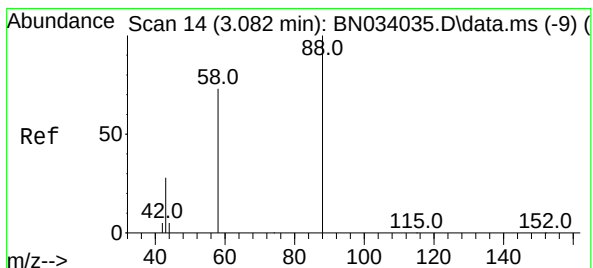
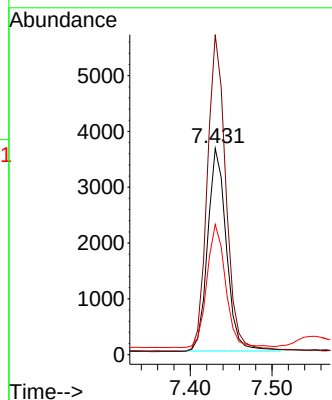
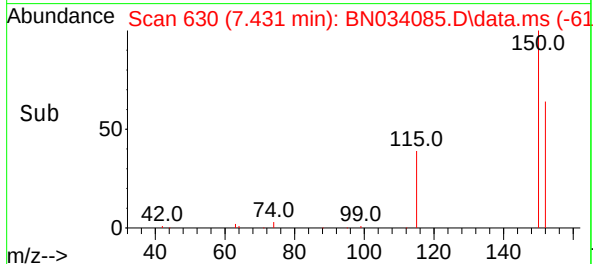


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911

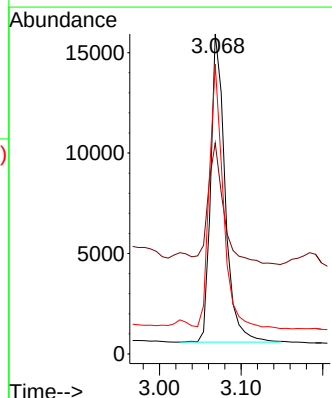
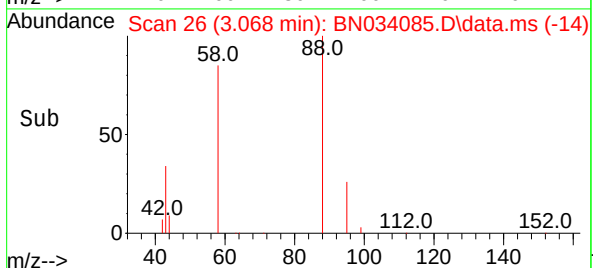
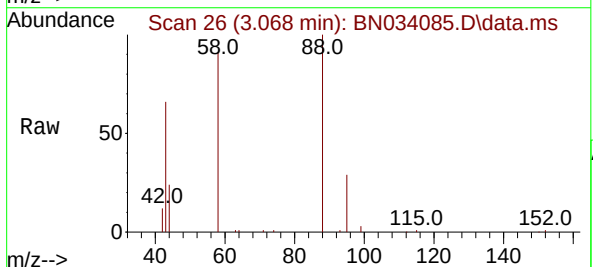


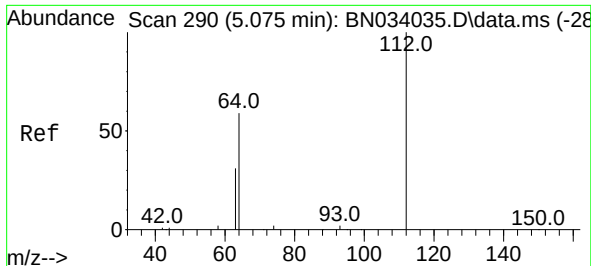
Tgt Ion:152 Resp: 5791
Ion Ratio Lower Upper
152 100
150 155.1 124.6 187.0
115 63.1 50.0 75.0



#2
1,4-Dioxane
Concen: 2.613 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

Tgt Ion: 88 Resp: 18918
Ion Ratio Lower Upper
88 100
43 43.2 25.8 38.8#
58 83.0 58.8 88.2

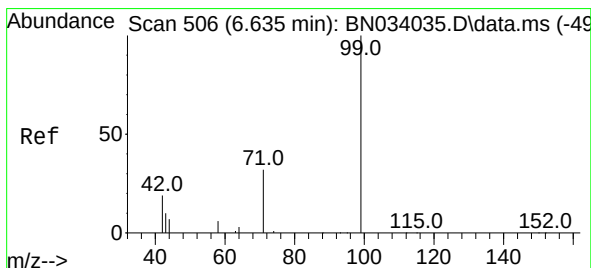
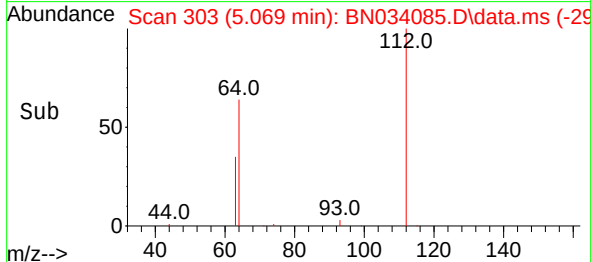
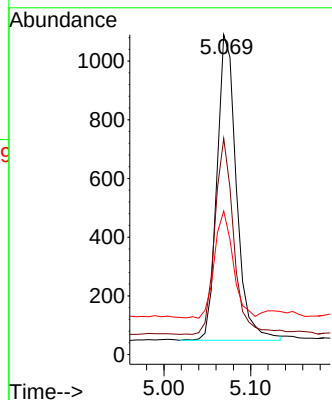
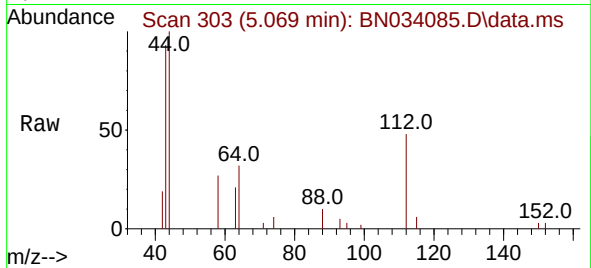




#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

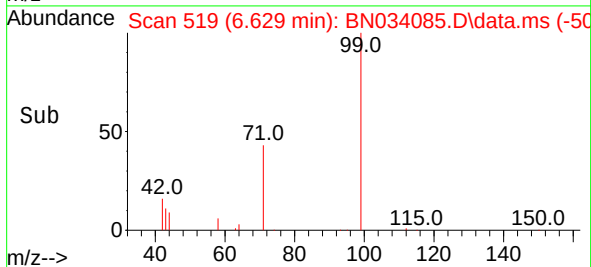
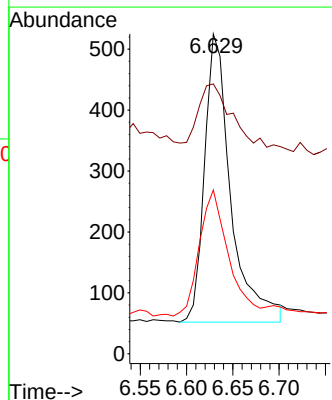
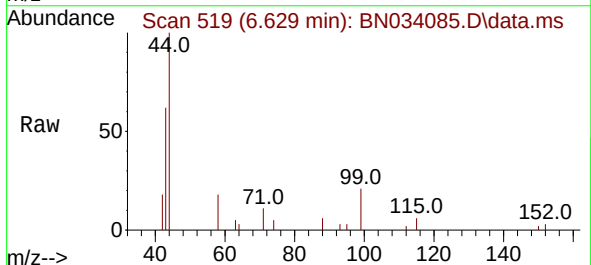
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911

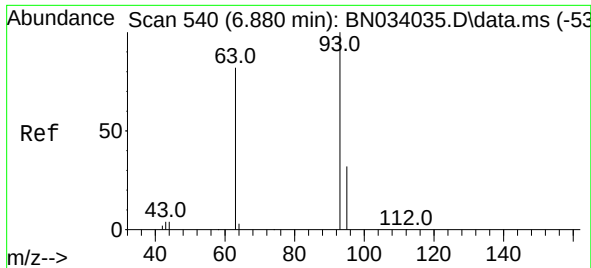
Tgt Ion: 112 Resp: 1617
Ion Ratio Lower Upper
112 100
64 62.5 48.6 72.8
63 33.4 25.6 38.4



#5
Phenol-d6
Concen: 0.049 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

Tgt Ion: 99 Resp: 935
Ion Ratio Lower Upper
99 100
42 26.6 17.8 26.8
71 46.6 26.2 39.2#

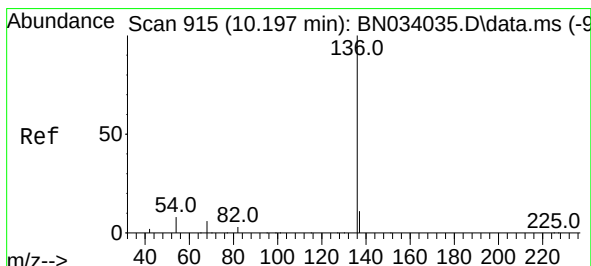
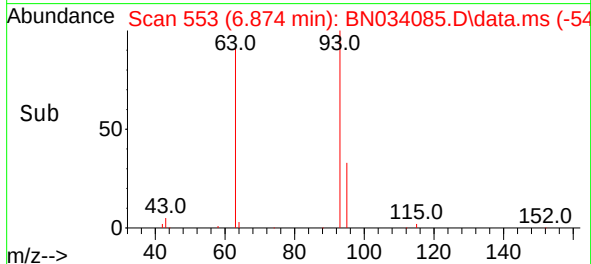
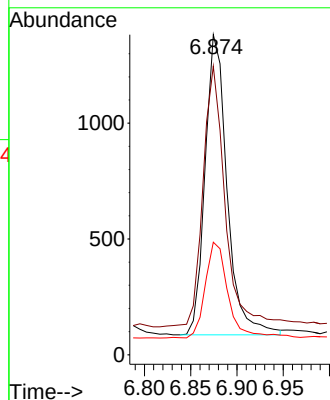
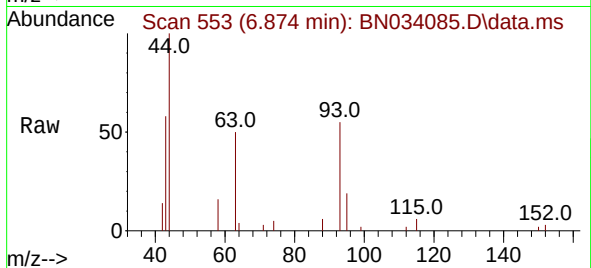




#6
bis(2-Chloroethyl)ether
Concen: 0.127 ng
RT: 6.874 min Scan# 511
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

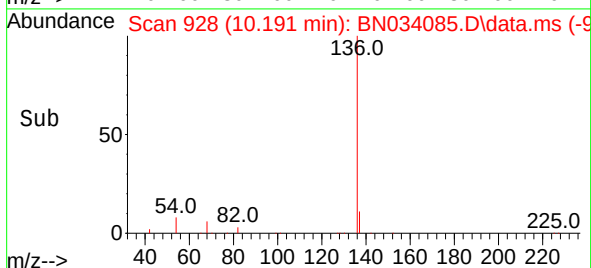
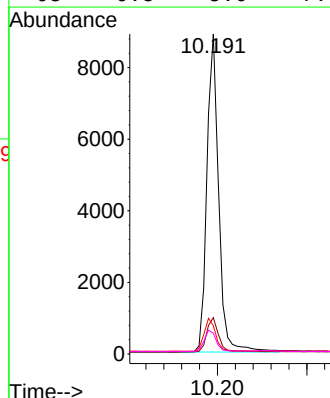
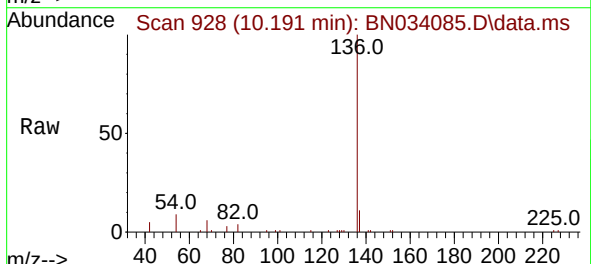
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911

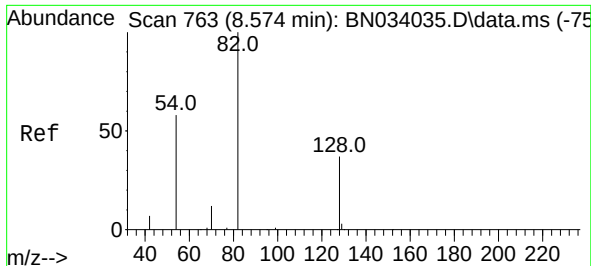
Tgt Ion: 93	Resp: 2154
Ion Ratio	Lower Upper
93 100	
63 86.4	67.3 100.9
95 33.1	26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 928
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

Tgt Ion:136	Resp:	16170	
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.9	6.8	10.2
68	6.5	5.0	7.6

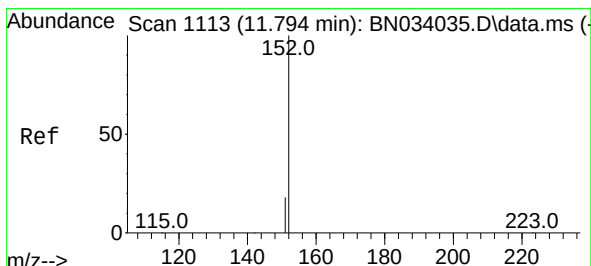
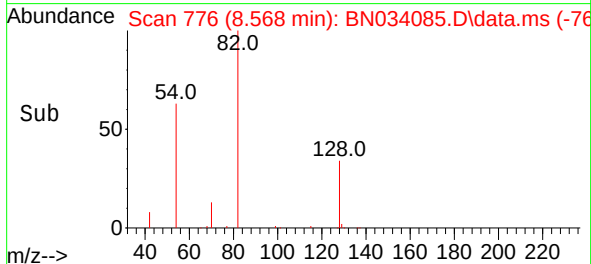
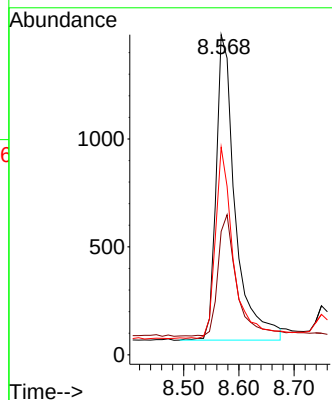
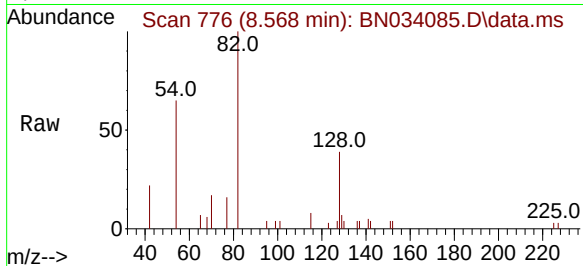




#8
Nitrobenzene-d5
Concen: 0.275 ng
RT: 8.568 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

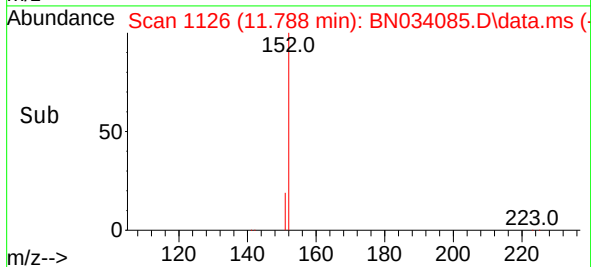
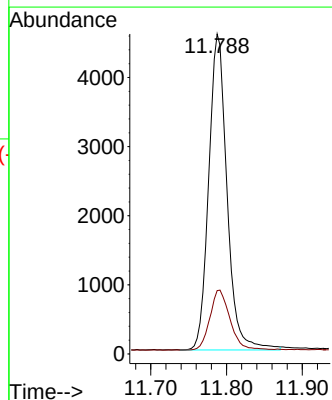
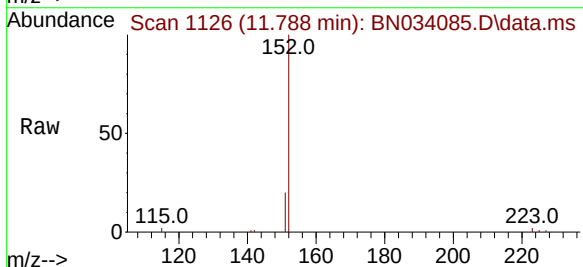
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911

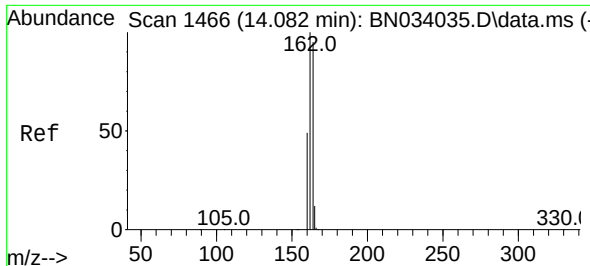
Tgt Ion: 82 Resp: 3402
Ion Ratio Lower Upper
82 100
128 38.5 31.4 47.2
54 64.9 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 11.788 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

Tgt Ion:152 Resp: 7669
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2

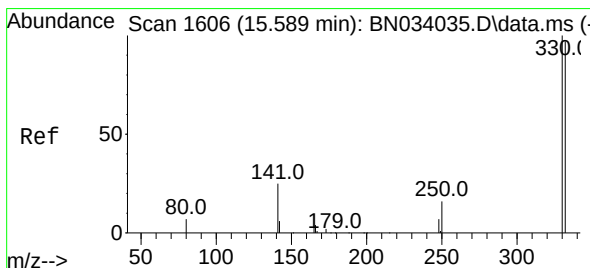
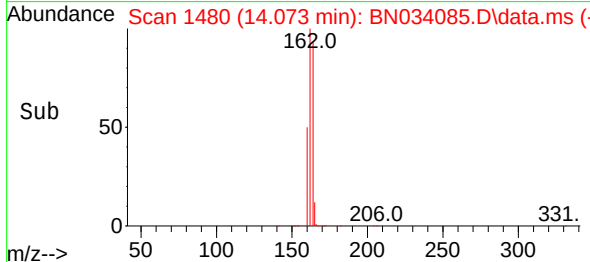
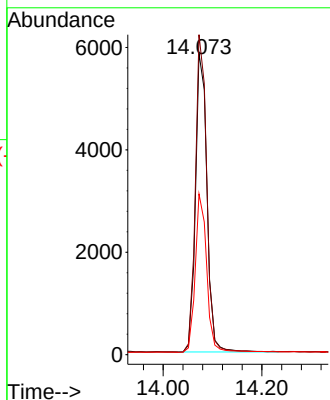
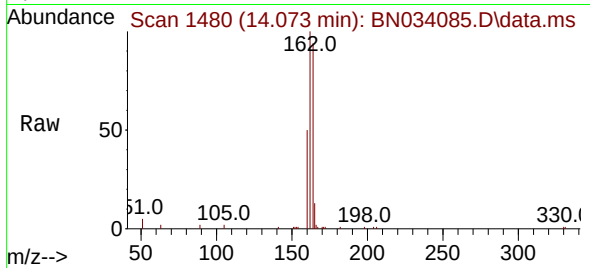




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.073 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

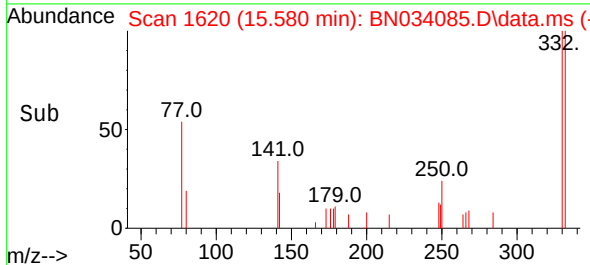
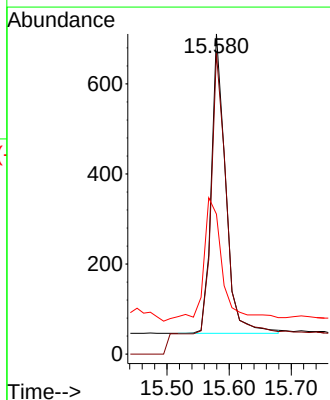
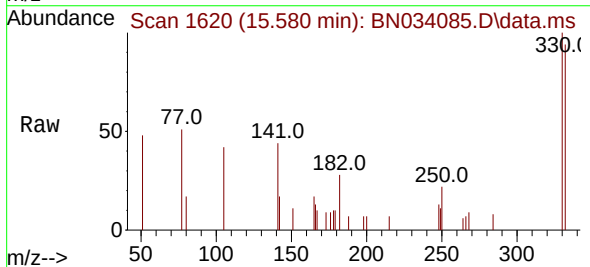
Instrument :
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ClientSampleId :
RE104D2-20240911

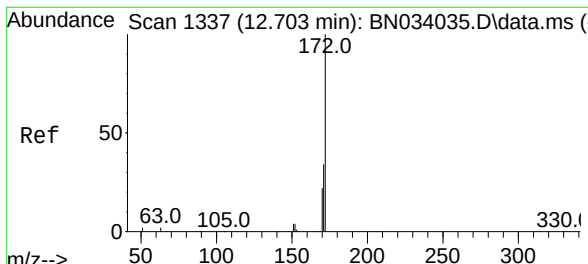
Tgt Ion:164 Resp: 9425
Ion Ratio Lower Upper
164 100
162 106.3 84.2 126.2
160 53.4 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.580 min Scan# 1620
Delta R.T. -0.009 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

Tgt Ion:330 Resp: 1064
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 49.5 35.9 53.9

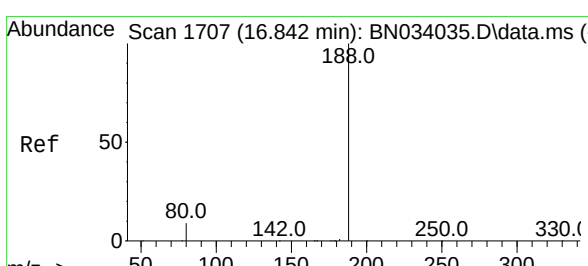
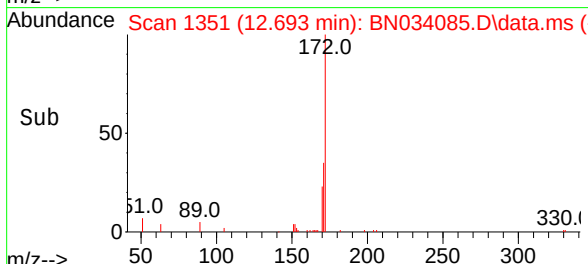
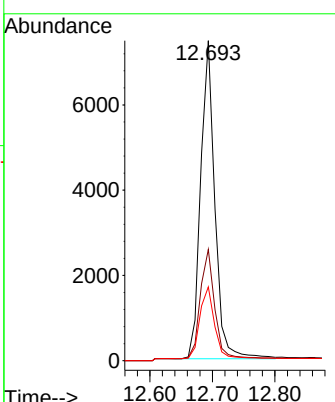
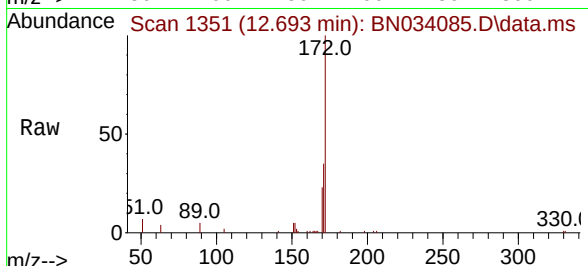




#15
 2-Fluorobiphenyl
 Concen: 0.307 ng
 RT: 12.693 min Scan# 14
 Delta R.T. -0.009 min
 Lab File: BN034085.D
 Acq: 20 Sep 2024 13:52

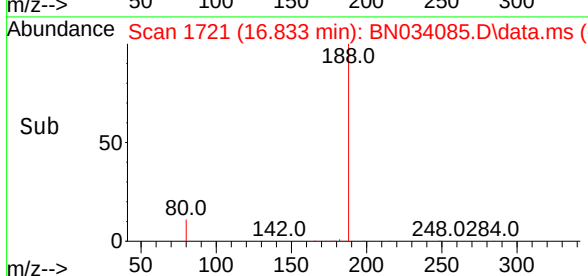
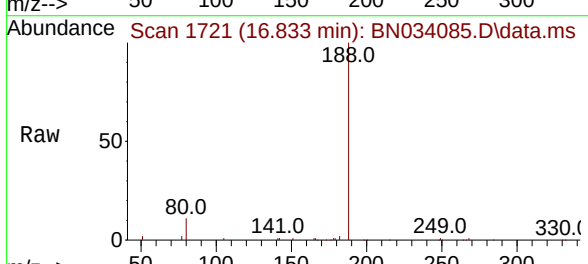
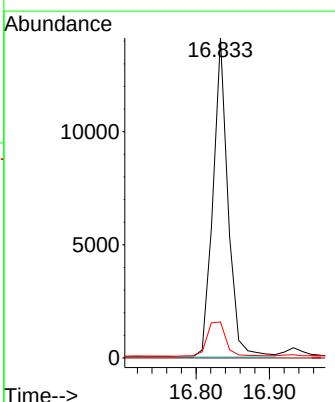
Instrument : BNA_N
 ClientSampleId : RE104D2-20240911

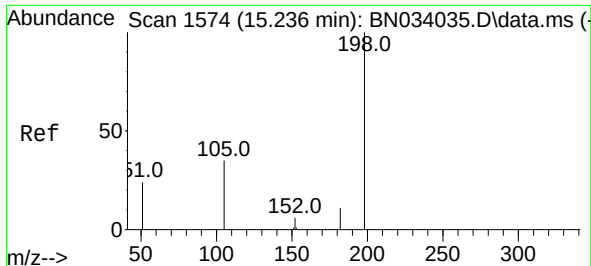
Tgt Ion:	172	Resp:	11782
Ion Ratio	Lower	Upper	
172	100		
171	34.7	27.3	40.9
170	23.0	18.1	27.1



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.833 min Scan# 1721
 Delta R.T. -0.009 min
 Lab File: BN034085.D
 Acq: 20 Sep 2024 13:52

Tgt Ion:	188	Resp:	19986
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.3	7.4	11.0

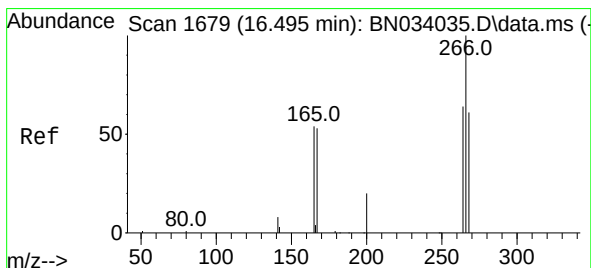
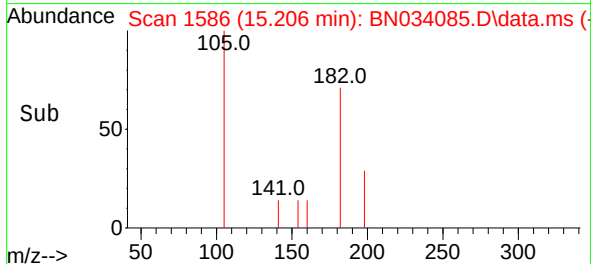
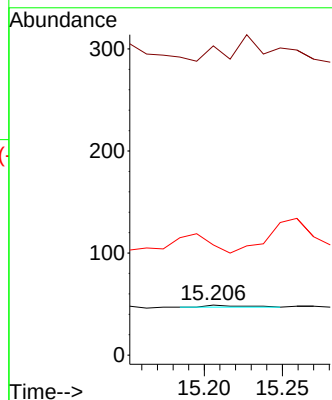
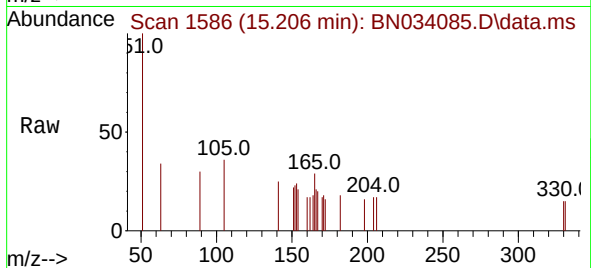




#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.206 min Scan# 1586
Delta R.T. -0.030 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

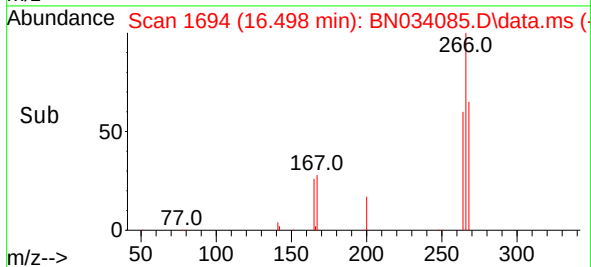
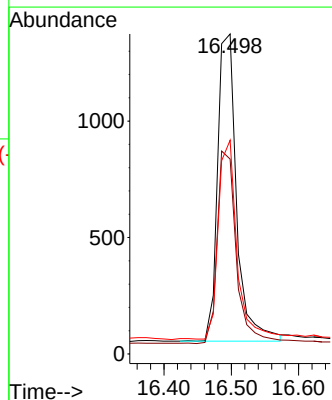
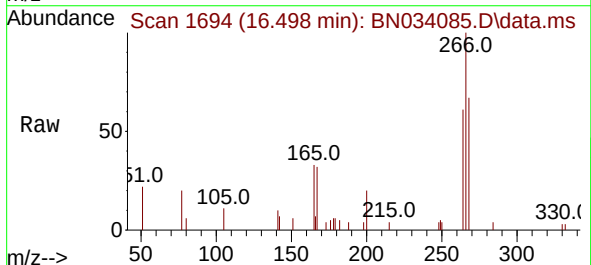
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911

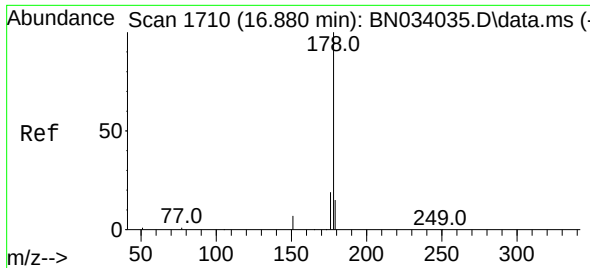
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 618.4 106.4 159.6#
105 220.4 38.5 57.7#



#24
Pentachlorophenol
Concen: 0.620 ng
RT: 16.498 min Scan# 1694
Delta R.T. 0.003 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

Tgt Ion:266 Resp: 2584
Ion Ratio Lower Upper
266 100
264 63.1 50.2 75.2
268 64.8 51.0 76.4

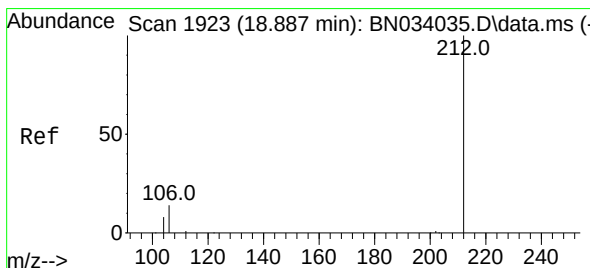
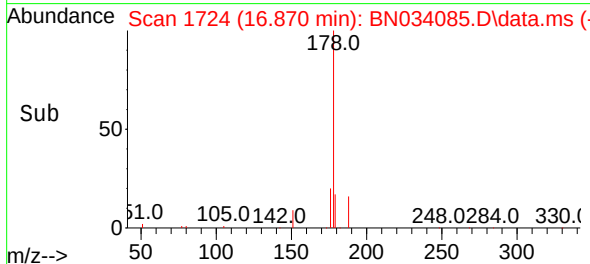
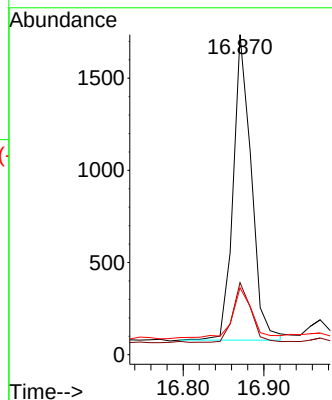
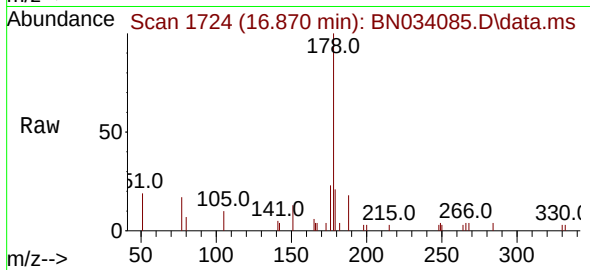




#25
Phenanthrene
Concen: 0.045 ng
RT: 16.870 min Scan# 1724
Delta R.T. -0.009 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

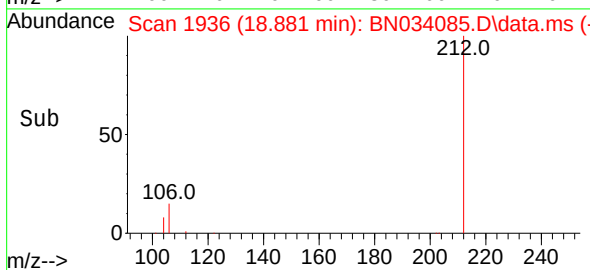
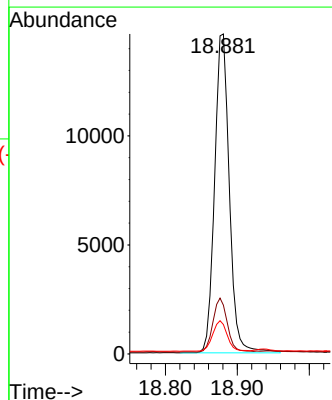
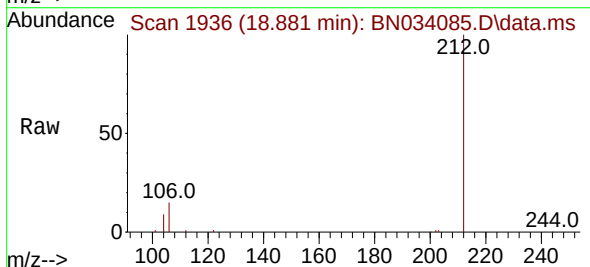
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911

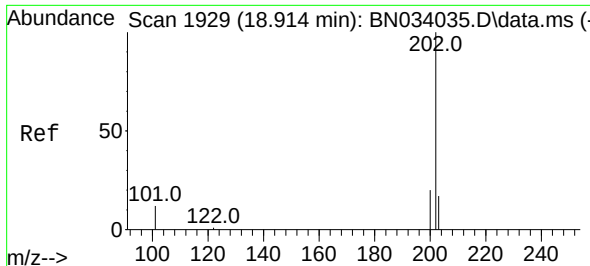
Tgt Ion:178 Resp: 2579
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.8 12.1 18.1



#27
Fluoranthene-d10
Concen: 0.412 ng
RT: 18.881 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

Tgt Ion:212 Resp: 20758
Ion Ratio Lower Upper
212 100
106 16.5 13.4 20.2
104 9.3 7.8 11.6

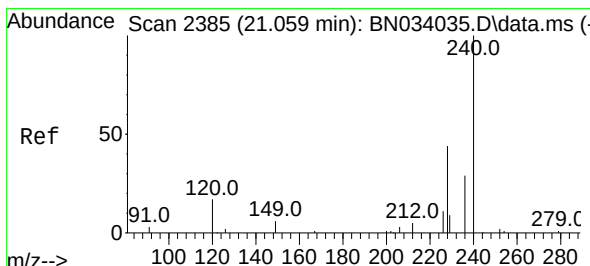
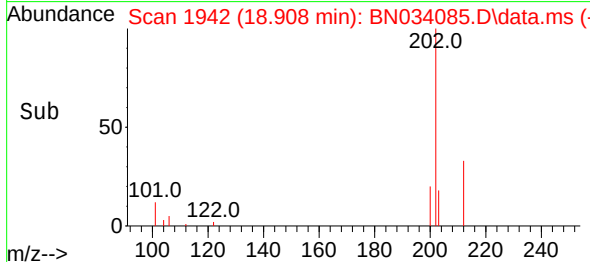
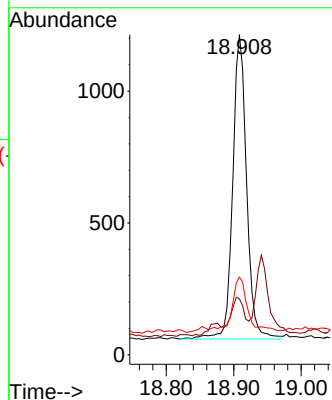
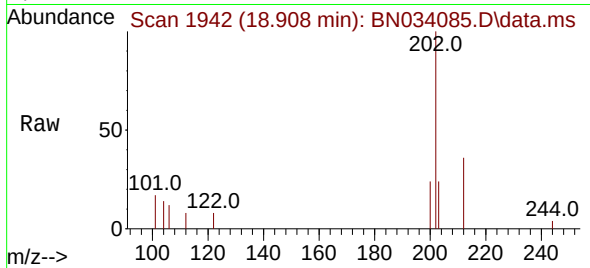




#28
Fluoranthene
Concen: 0.025 ng
RT: 18.908 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

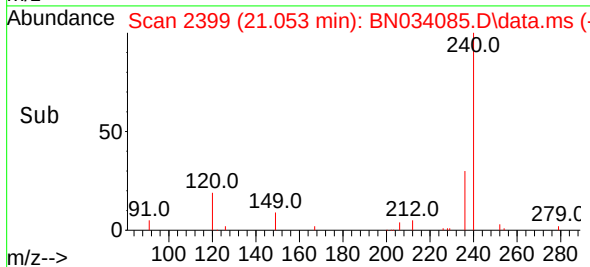
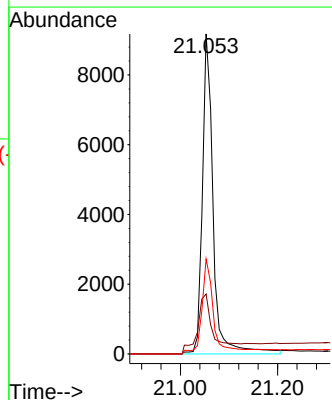
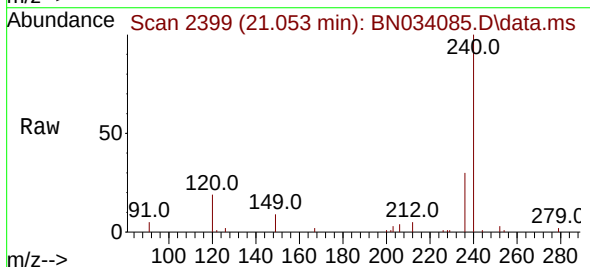
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911

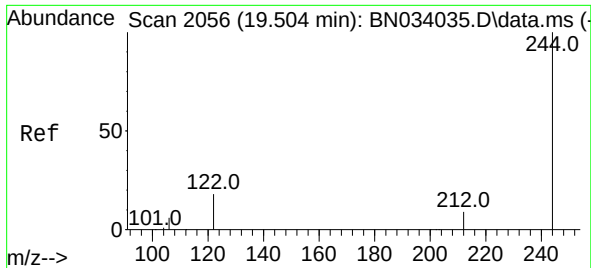
Tgt Ion:202 Resp: 1655
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
203 19.3 13.6 20.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

Tgt Ion:240 Resp: 13487
Ion Ratio Lower Upper
240 100
120 18.7 13.5 20.3
236 29.7 23.4 35.0

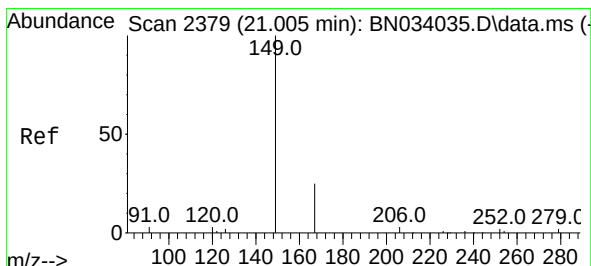
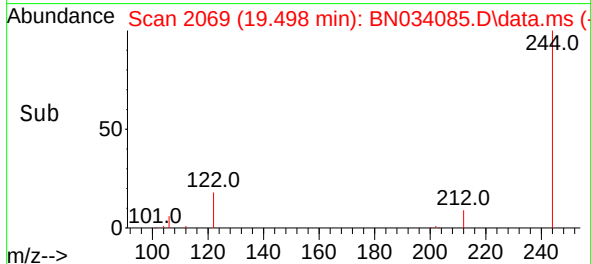
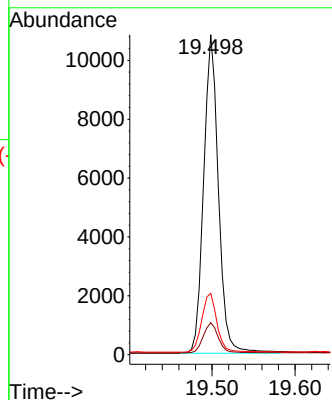
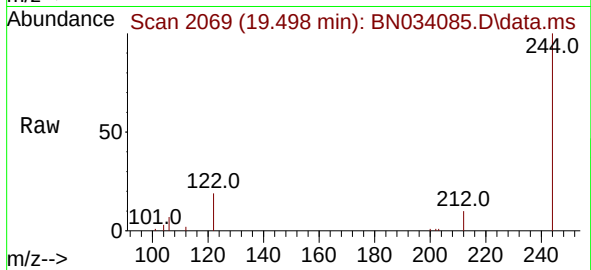




#31
Terphenyl-d14
Concen: 0.499 ng
RT: 19.498 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

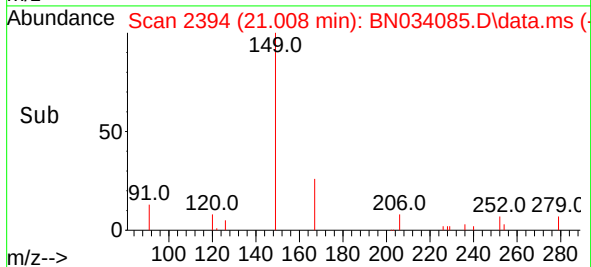
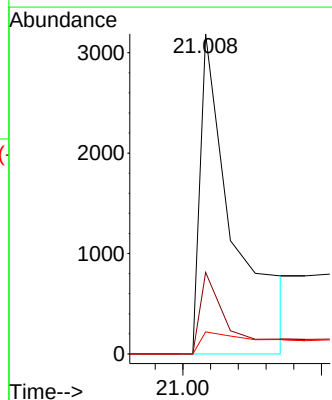
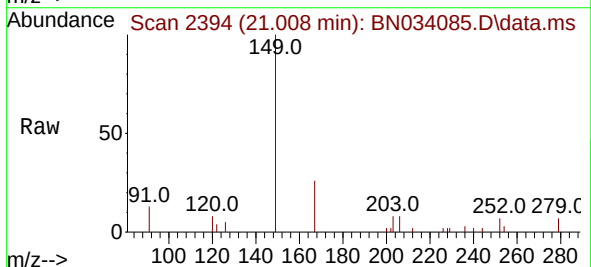
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911

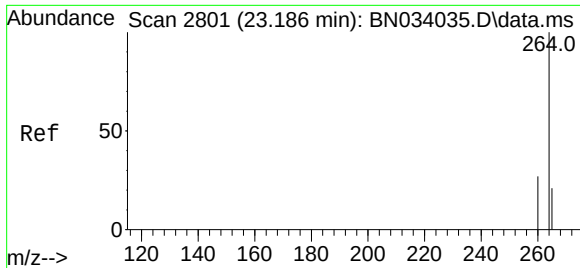
Tgt Ion:244 Resp: 13448
Ion Ratio Lower Upper
244 100
212 10.0 7.8 11.6
122 19.2 14.8 22.2



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.144 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

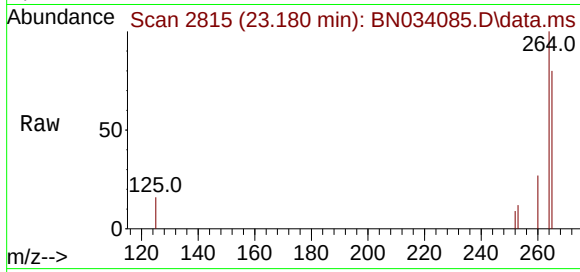
Tgt Ion:149 Resp: 2559
Ion Ratio Lower Upper
149 100
167 19.0 19.9 29.9#
279 8.6 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.180 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911



Tgt Ion:264 Resp: 11035
Ion Ratio Lower Upper
264 100
260 26.6 21.7 32.5
265 80.0 52.1 78.1#

