

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)

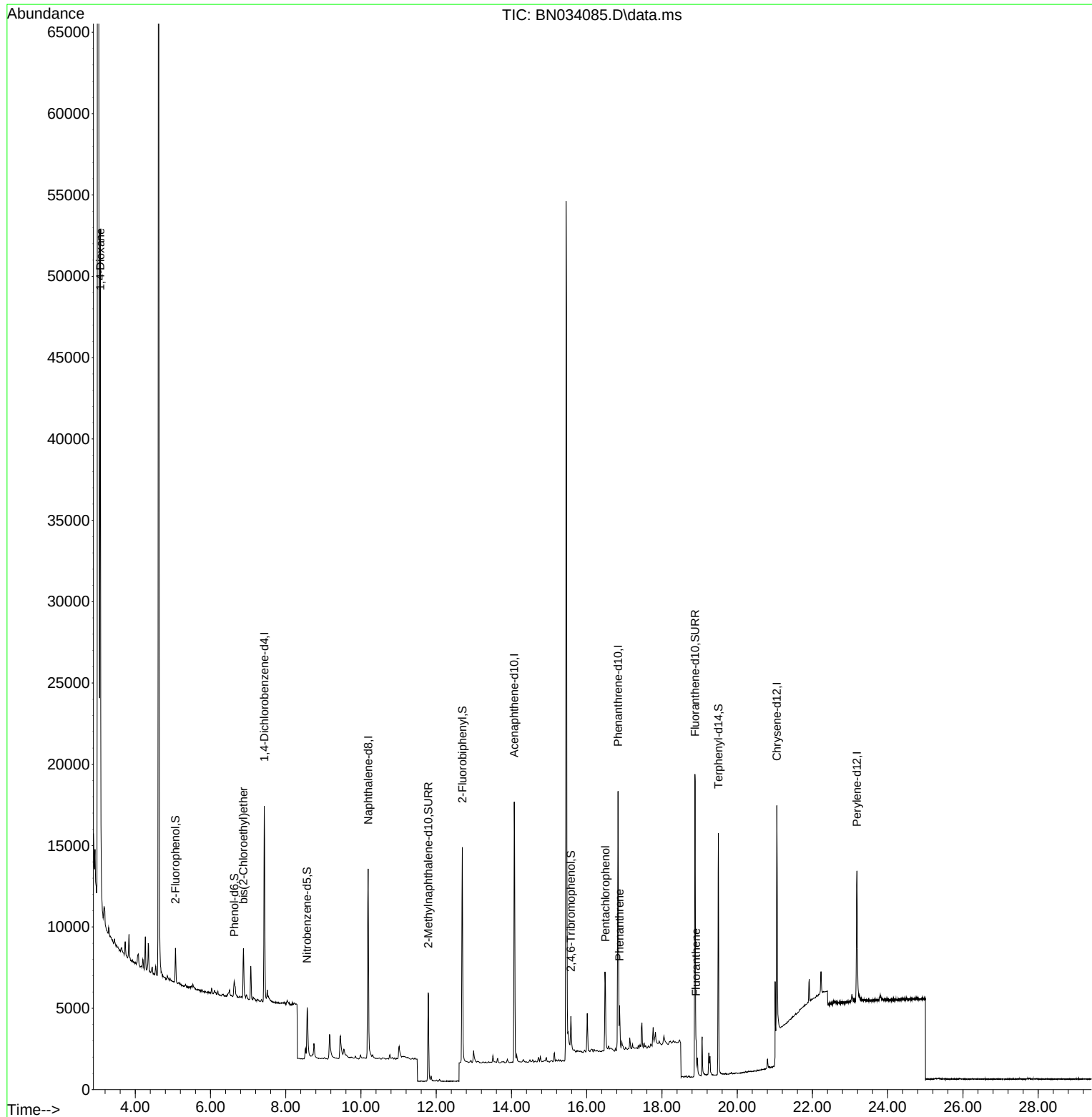
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5791	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	16170	0.400	ng	0.00
13) Acenaphthene-d10	14.073	164	9425	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	19986	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	13487	0.400	ng	0.00
35) Perylene-d12	23.180	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						
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
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

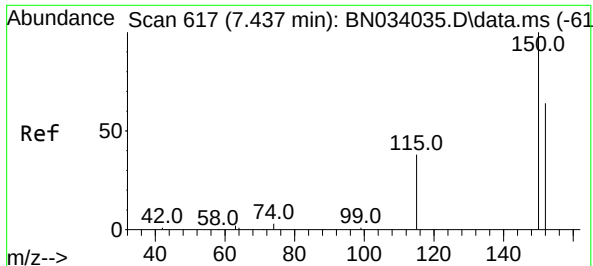
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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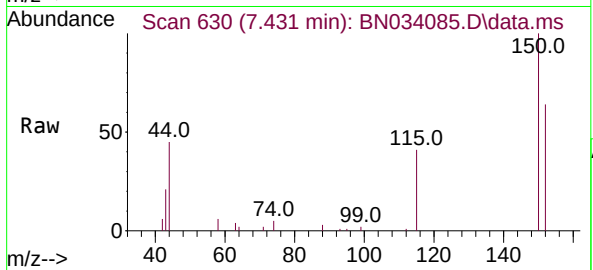
Quant Time: Sep 20 15:05:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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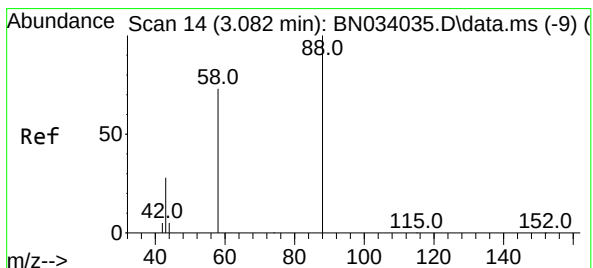
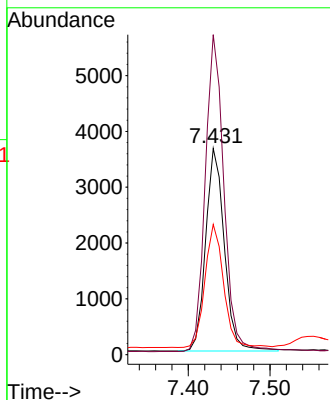
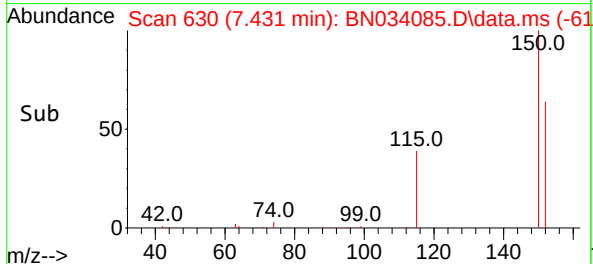


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

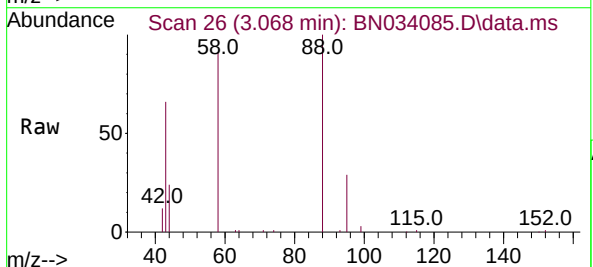
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911



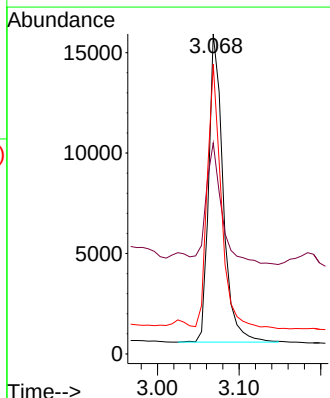
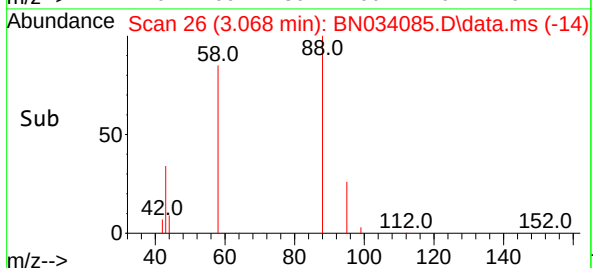
Tgt Ion:152 Resp: 5791
Ion Ratio Lower Upper
152 100
150 155.1 124.6 187.0
115 63.1 50.0 75.0

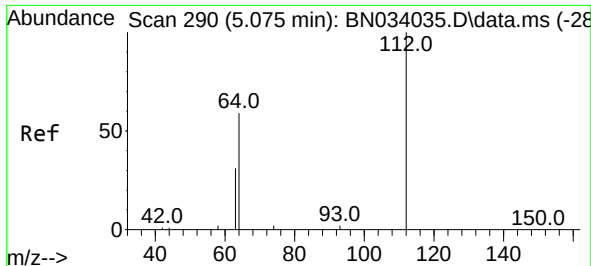


#2
1,4-Dioxane
Concen: 2.613 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52



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

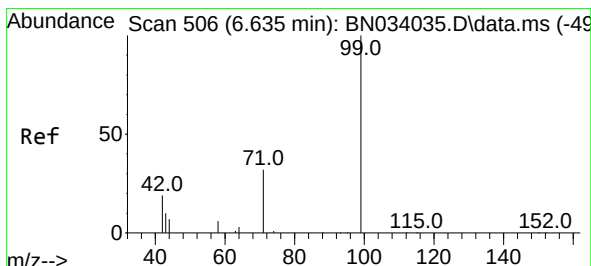
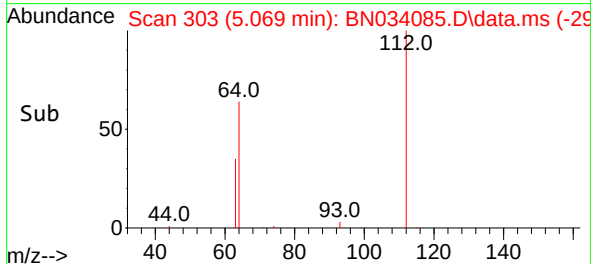
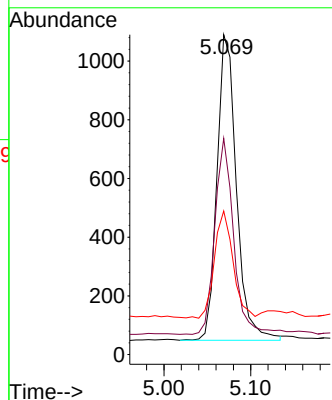
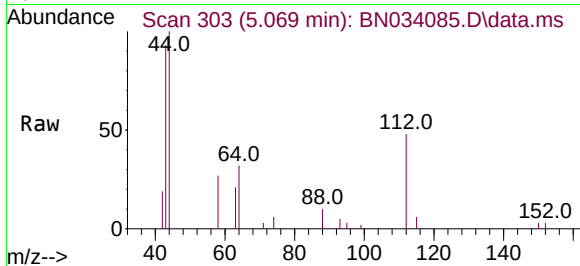




#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

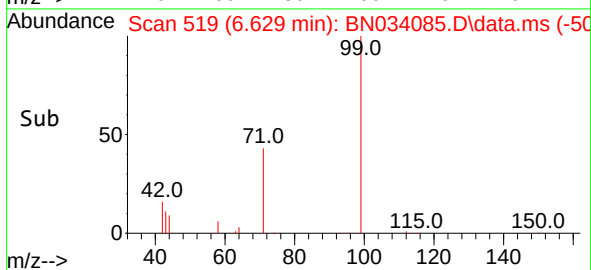
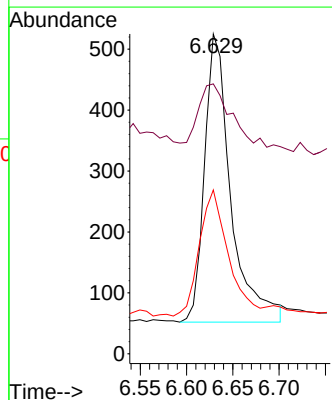
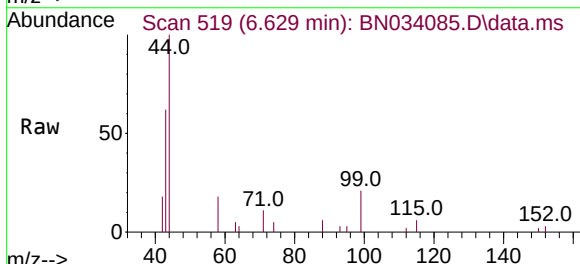
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911

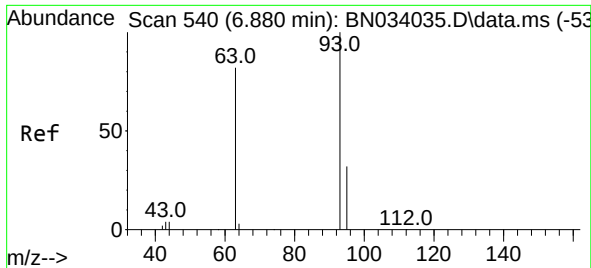
Tgt Ion:112 Resp: 1617
Ion Ratio Lower Upper
112 100
64 62.5 48.6 72.8
63 33.4 25.6 38.4



#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#

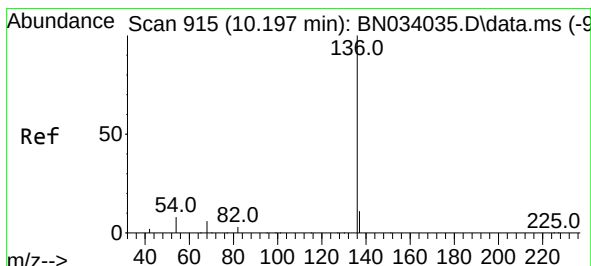
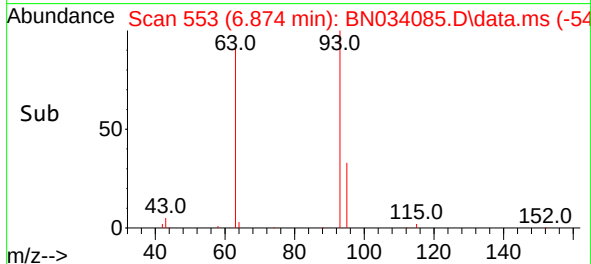
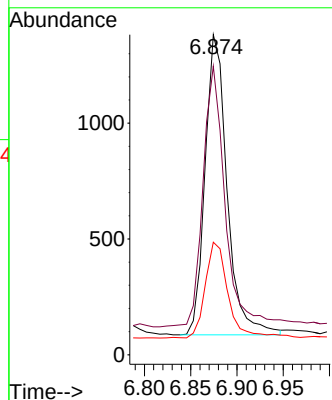
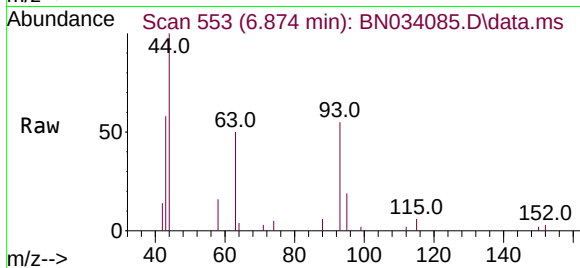




#6
bis(2-Chloroethyl)ether
Concen: 0.127 ng
RT: 6.874 min Scan# 511
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

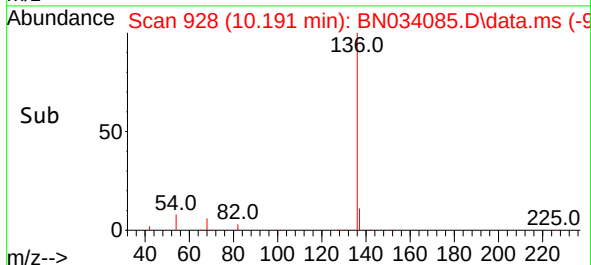
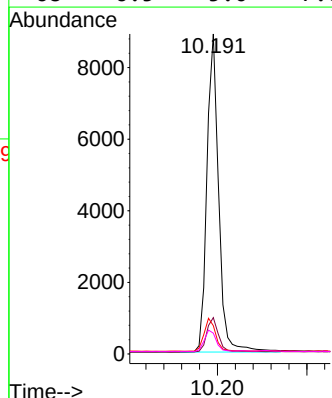
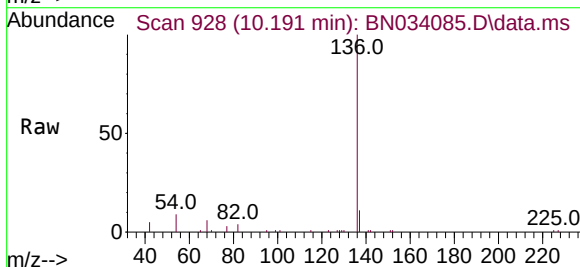
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911

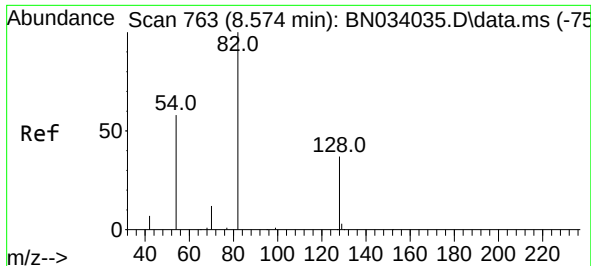
Tgt Ion: 93	Resp:	2154	
Ion	Ratio	Lower	Upper
93	100		
63	86.4	67.3	100.9
95	33.1	26.8	40.2



#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

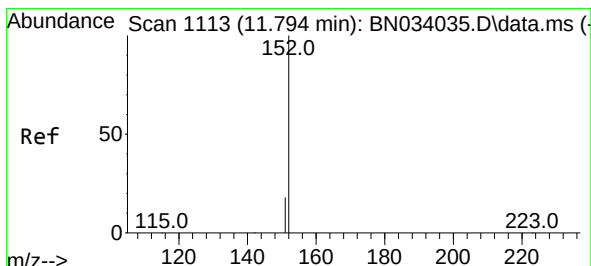
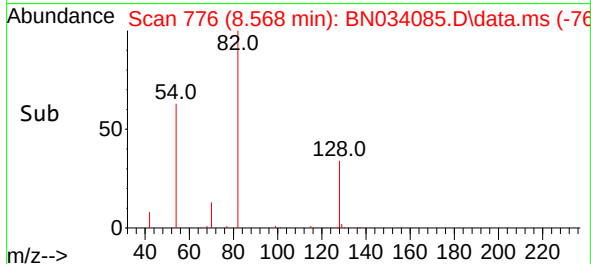
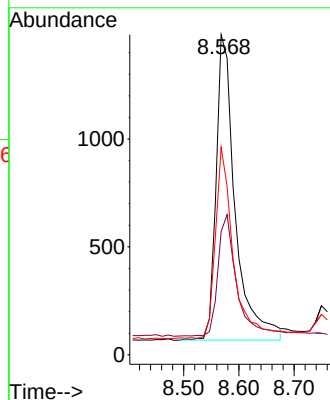
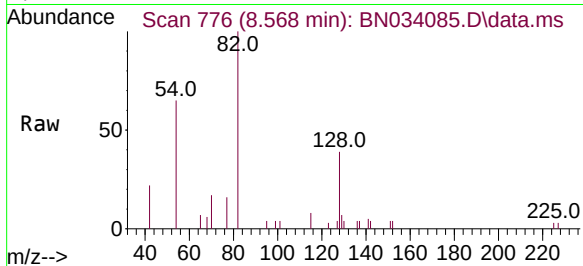




#8
Nitrobenzene-d5
Concen: 0.275 ng
RT: 8.568 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

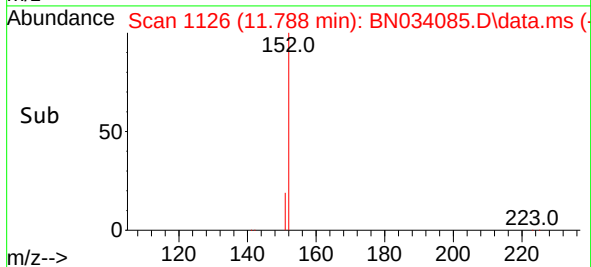
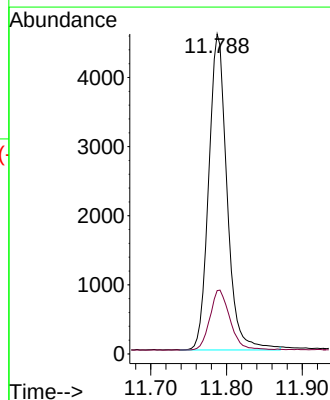
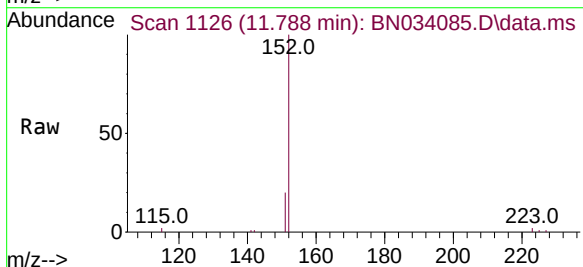
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911

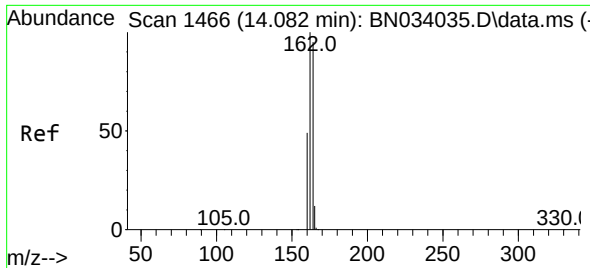
Tgt Ion: 82 Resp: 3402
Ion Ratio Lower Upper
82 100
128 38.5 31.4 47.2
54 64.9 47.4 71.0



#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

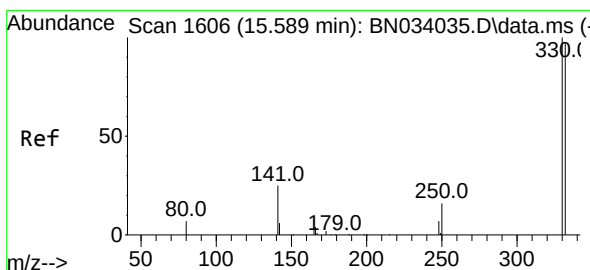
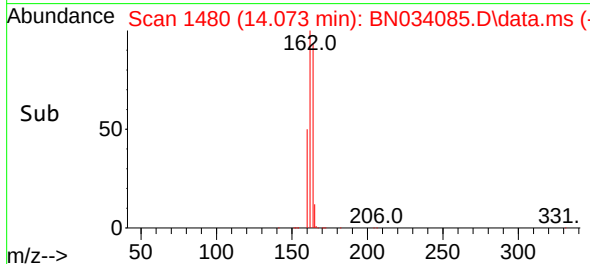
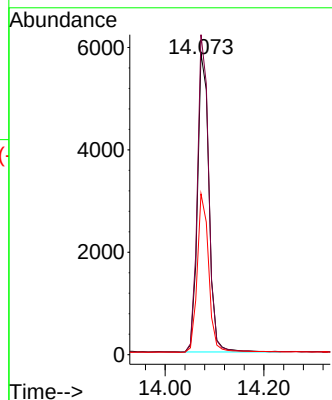
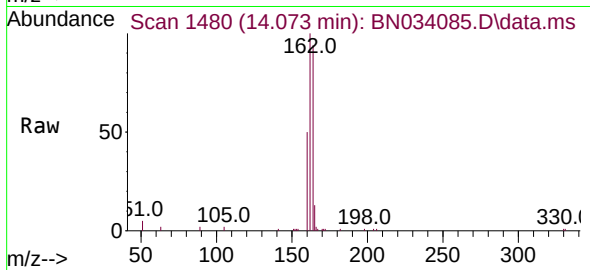




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.073 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

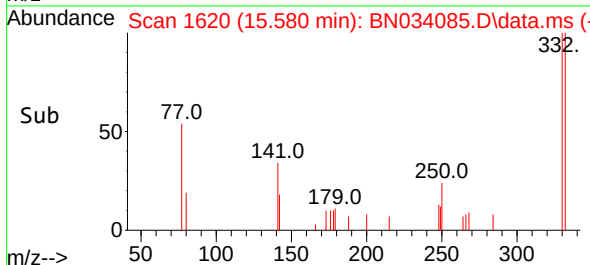
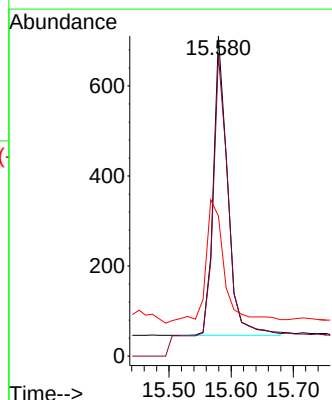
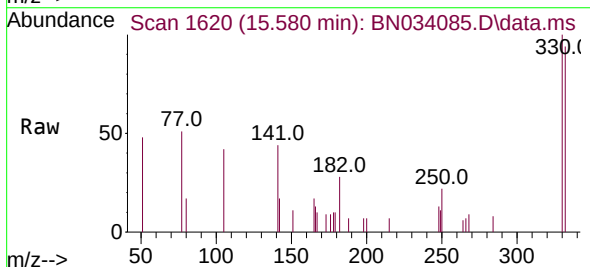
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911

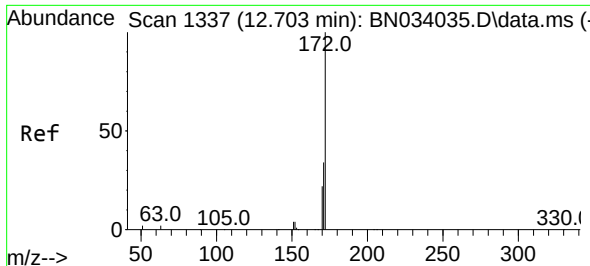
Tgt Ion:164 Resp: 9425
Ion Ratio Lower Upper
164 100
162 106.3 84.2 126.2
160 53.4 41.7 62.5



#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

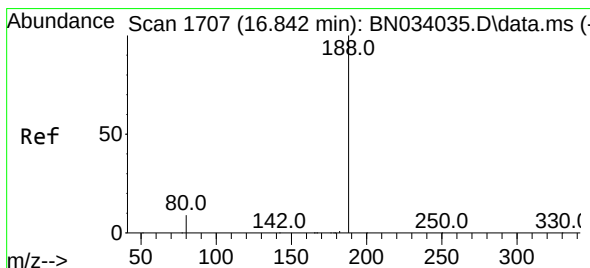
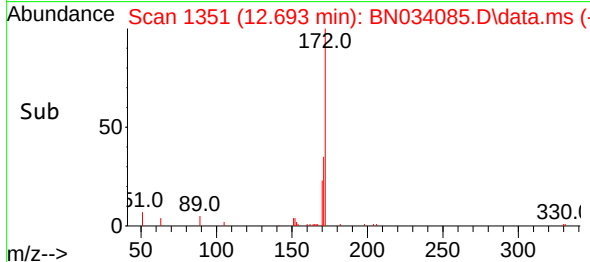
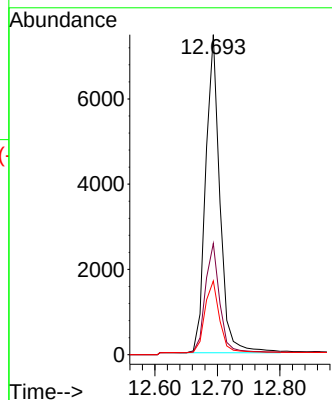
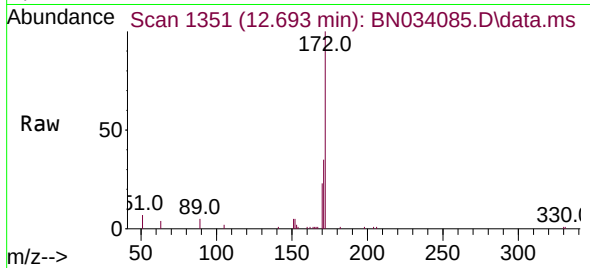




#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.693 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034085.D
Acq: 20 Sep 2024 13:52

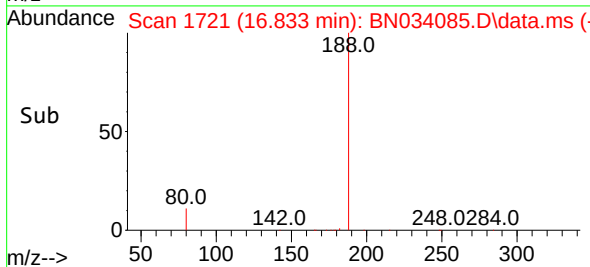
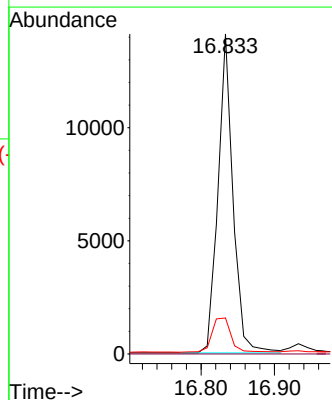
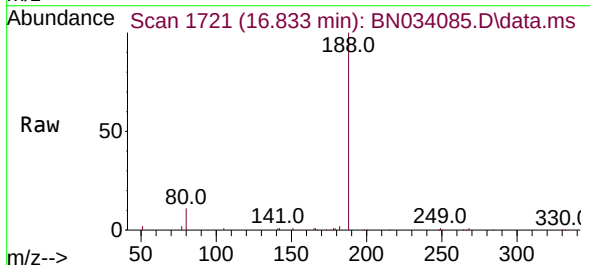
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240911

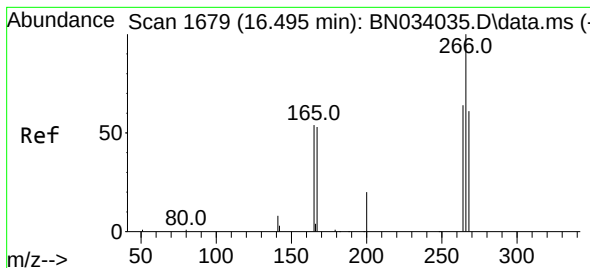
Tgt Ion:172 Resp: 11782
Ion Ratio Lower Upper
172 100
171 34.7 27.3 40.9
170 23.0 18.1 27.1



#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#





#24

Pentachlorophenol

Concen: 0.620 ng

RT: 16.498 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN034085.D

Acq: 20 Sep 2024 13:52

Instrument :

BNA_N

ClientSampleId :

RE104D2-20240911

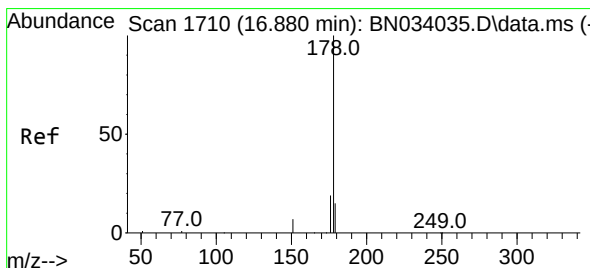
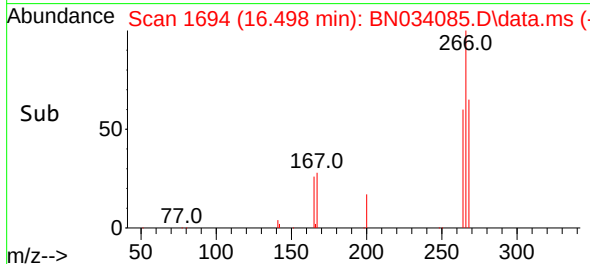
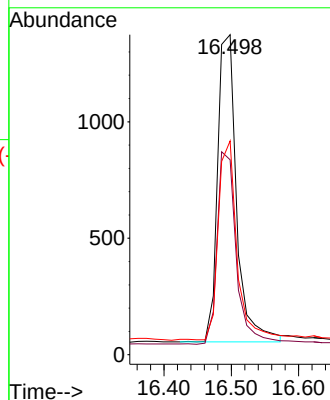
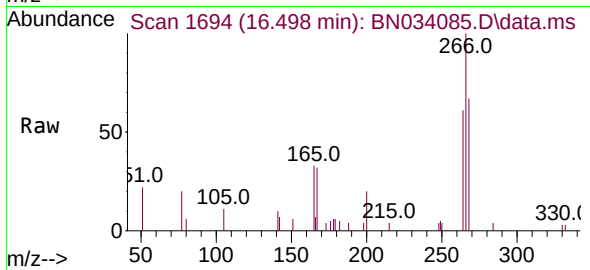
Tgt Ion:266 Resp: 2584

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

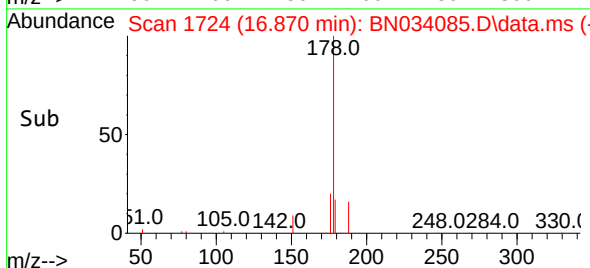
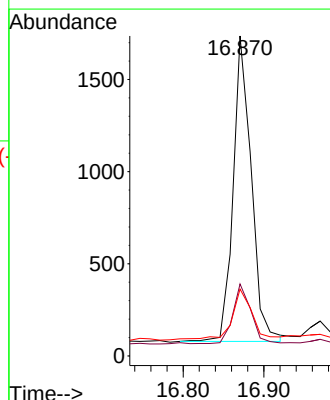
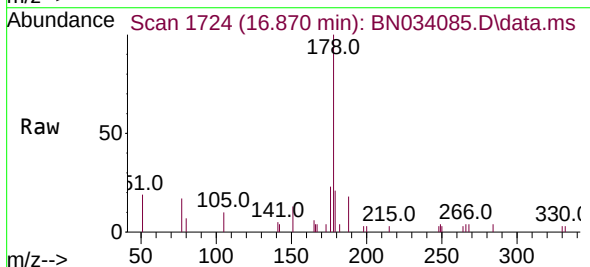
Tgt Ion:178 Resp: 2579

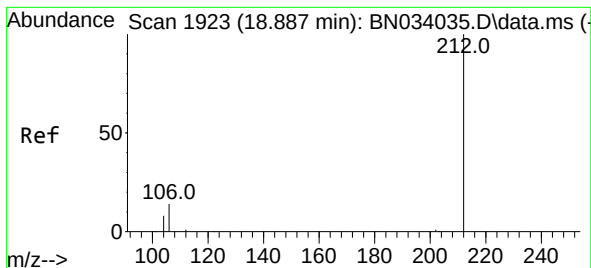
Ion Ratio Lower Upper

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

Instrument :

BNA_N

ClientSampleId :

RE104D2-20240911

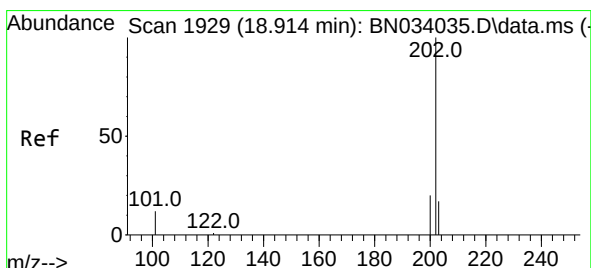
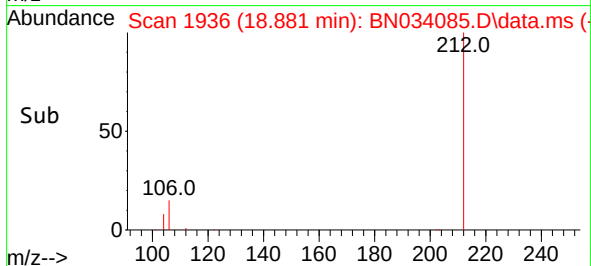
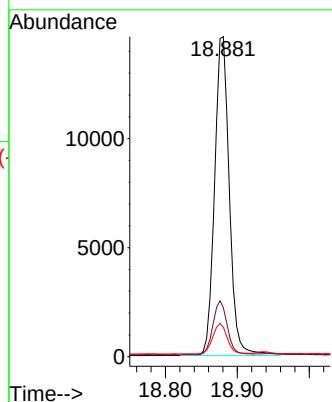
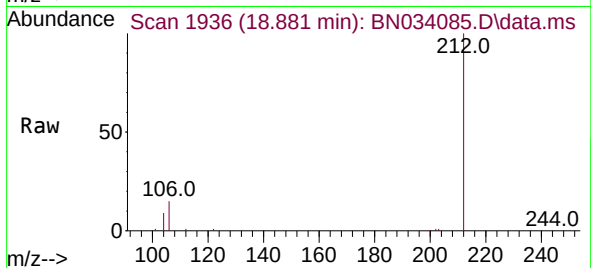
Tgt Ion:212 Resp: 20758

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

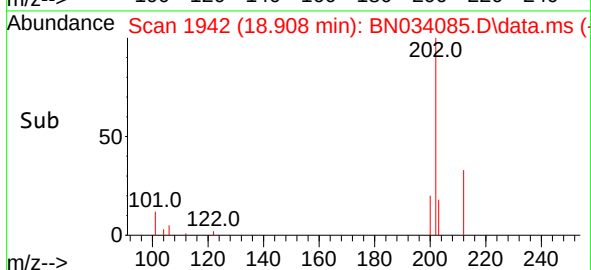
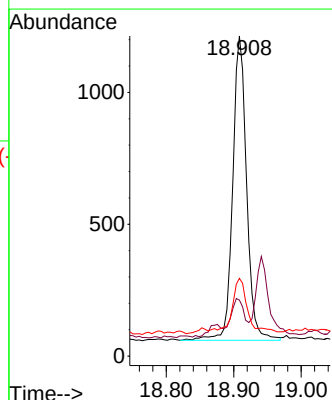
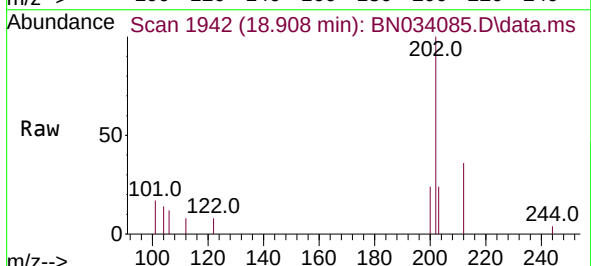
Tgt Ion:202 Resp: 1655

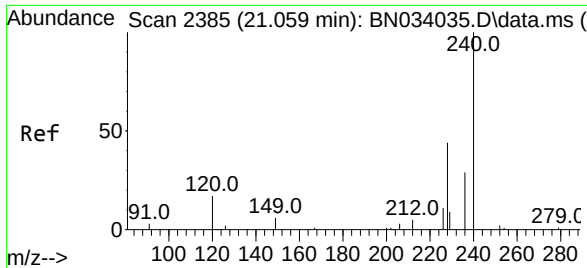
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.006 min

Lab File: BN034085.D

Acq: 20 Sep 2024 13:52

Instrument :

BNA_N

ClientSampleId :

RE104D2-20240911

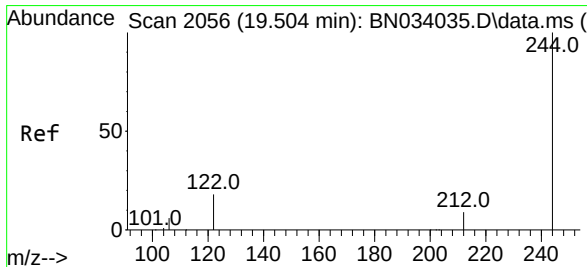
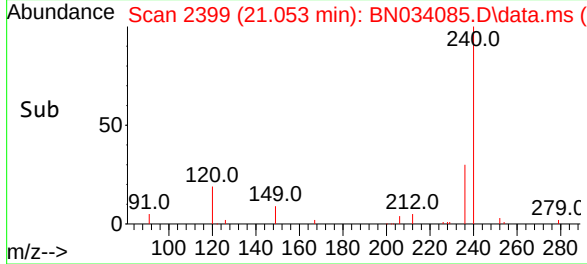
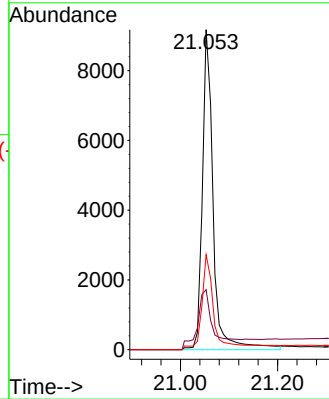
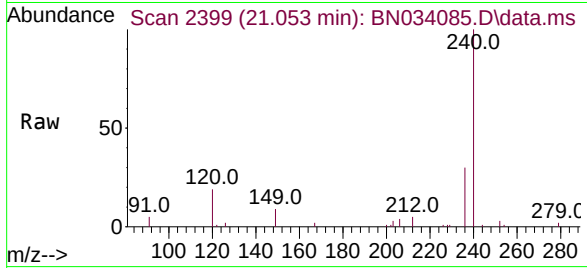
Tgt Ion:240 Resp: 13487

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# 2069

Delta R.T. -0.006 min

Lab File: BN034085.D

Acq: 20 Sep 2024 13:52

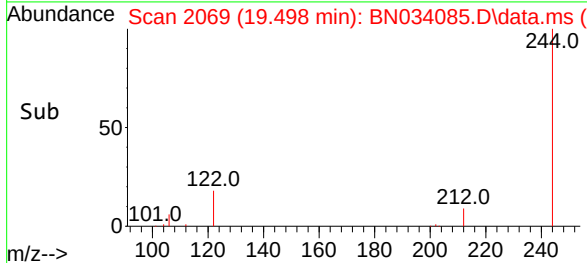
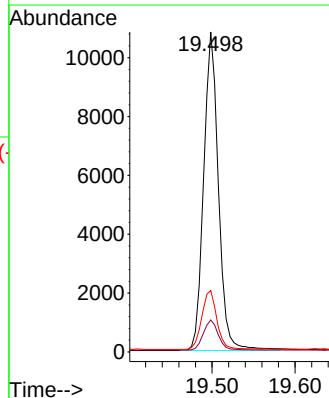
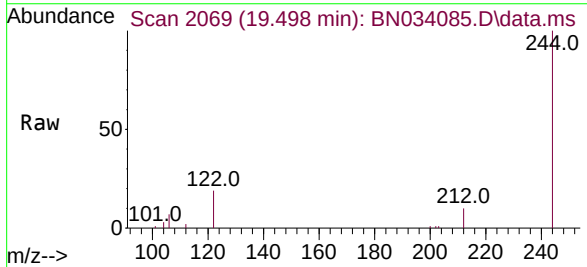
Tgt Ion:244 Resp: 13448

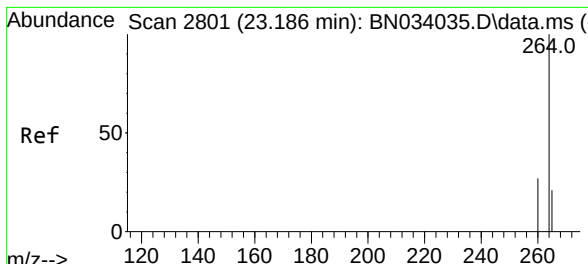
Ion Ratio Lower Upper

244 100

212 10.0 7.8 11.6

122 19.2 14.8 22.2





#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#

