

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034253.D
 Acq On : 26 Sep 2024 20:22
 Operator : RC/JU
 Sample : P4164-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20240920

Quant Time: Sep 27 01:02:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

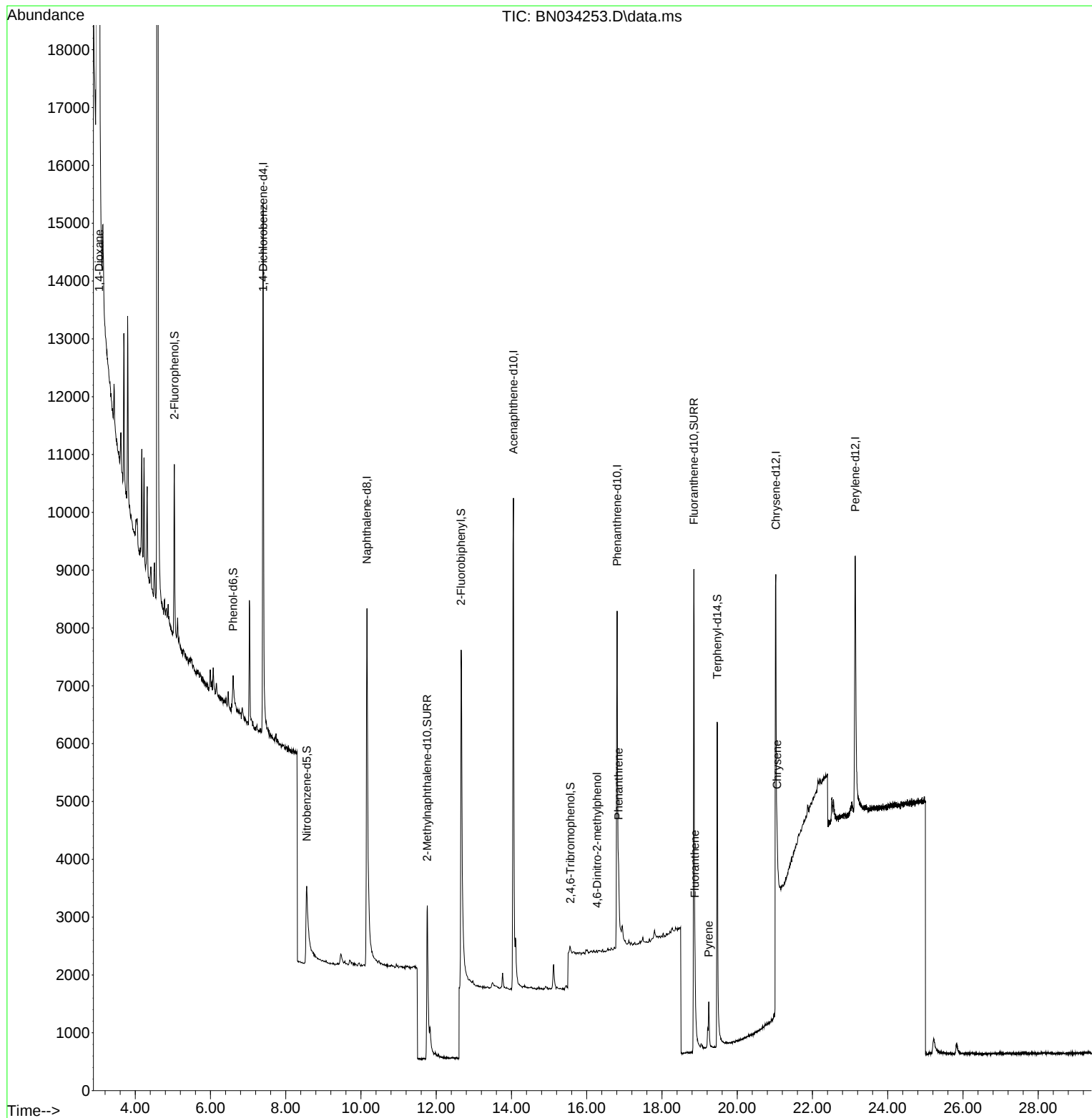
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.401	152	5113	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	12848	0.400	ng	# 0.01
13) Acenaphthene-d10	14.051	164	6584	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	11837	0.400	ng	# 0.00
29) Chrysene-d12	21.026	240	8341	0.400	ng	0.01
35) Perylene-d12	23.136	264	7635	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	2328	0.160	ng	0.00
5) Phenol-d6	6.600	99	951	0.056	ng	0.00
8) Nitrobenzene-d5	8.557	82	2582	0.263	ng	0.02
11) 2-Methylnaphthalene-d10	11.761	152	5983	0.315	ng	0.00
14) 2,4,6-Tribromophenol	15.567	330	123	0.041	ng	0.02
15) 2-Fluorobiphenyl	12.661	172	8576	0.320	ng	0.00
27) Fluoranthene-d10	18.848	212	11504	0.385	ng	0.00
31) Terphenyl-d14	19.470	244	7181	0.431	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.039	88	11718	1.833	ng	# 81
20) 4,6-Dinitro-2-methylph...	16.274	198	1	0.138	ng	# 1
25) Phenanthrene	16.845	178	794	0.023	ng	97
28) Fluoranthene	18.876	202	907	0.023	ng	# 91
30) Pyrene	19.243	202	850	0.024	ng	98
33) Chrysene	21.062	228	645	0.020	ng	# 77

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

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Operator : RC/JU
Sample : P4164-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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RE139D1-20240920

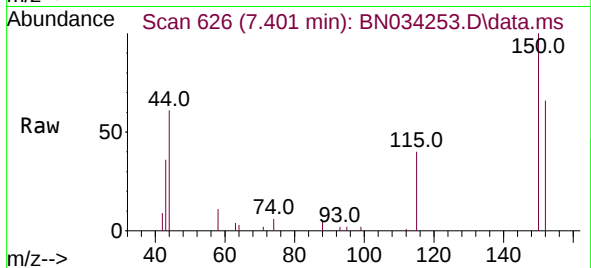
Quant Time: Sep 27 01:02:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration



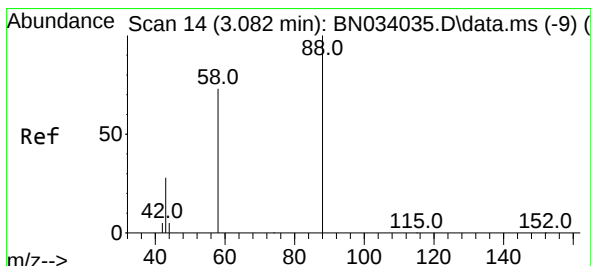
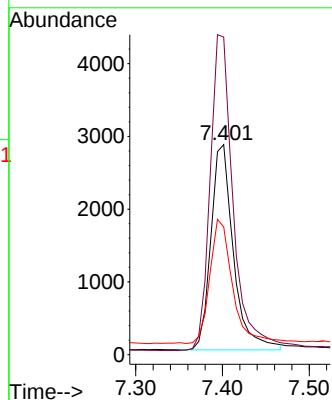
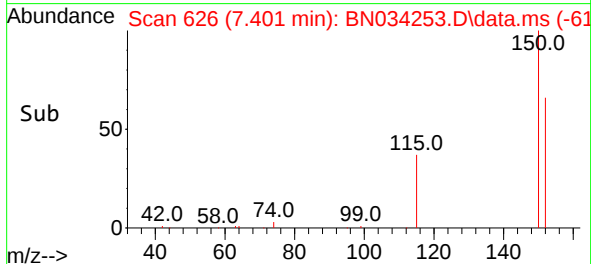


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.401 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

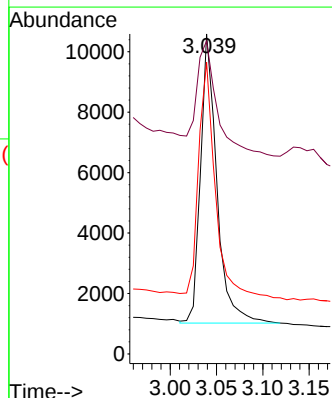
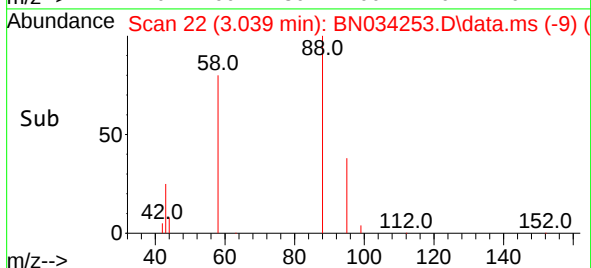
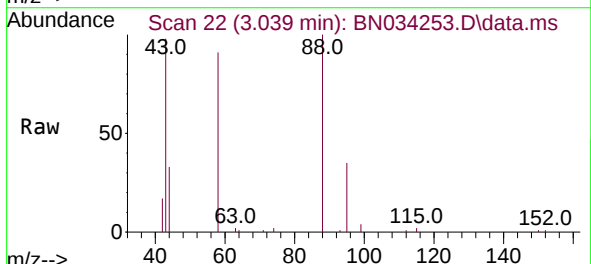


Tgt Ion:152 Resp: 5113
Ion Ratio Lower Upper
152 100
150 151.2 124.6 187.0
115 60.8 50.0 75.0



#2
1,4-Dioxane
Concen: 1.833 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

Tgt Ion: 88 Resp: 11718
Ion Ratio Lower Upper
88 100
43 50.4 25.8 38.8#
58 84.0 58.8 88.2

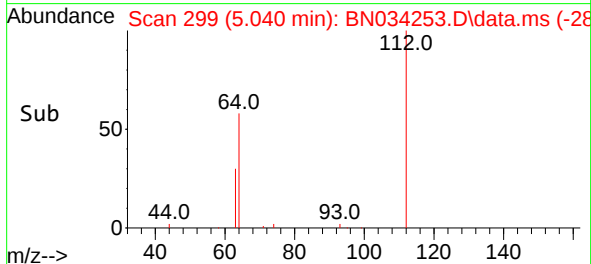
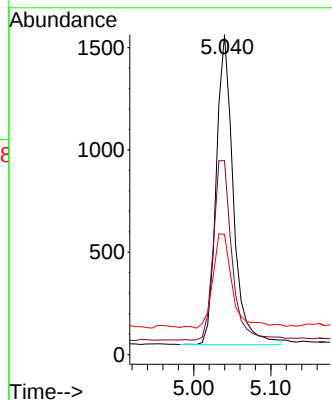
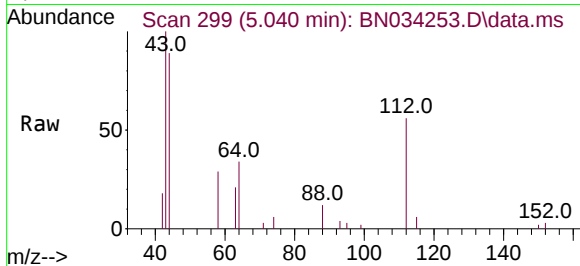




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.040 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

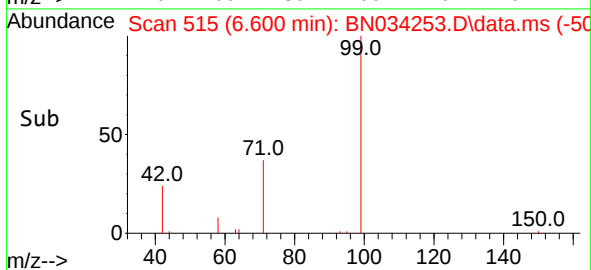
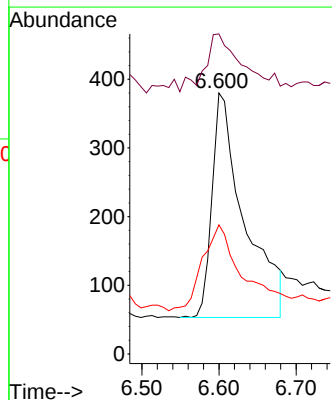
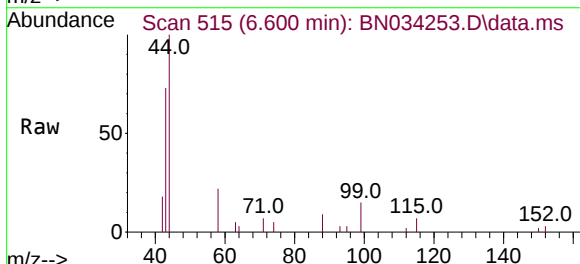
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

Tgt Ion: 112 Resp: 2328
Ion Ratio Lower Upper
112 100
64 62.3 48.6 72.8
63 32.6 25.6 38.4



#5
Phenol-d6
Concen: 0.056 ng
RT: 6.600 min Scan# 515
Delta R.T. 0.000 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

Tgt Ion: 99 Resp: 951
Ion Ratio Lower Upper
99 100
42 30.1 17.8 26.8#
71 46.9 26.2 39.2#

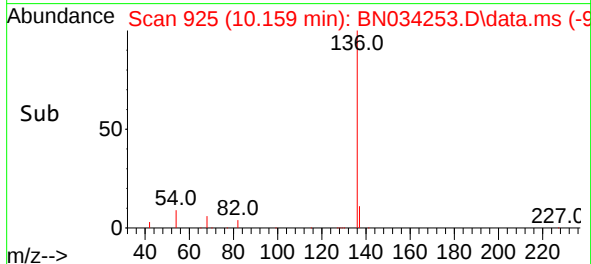
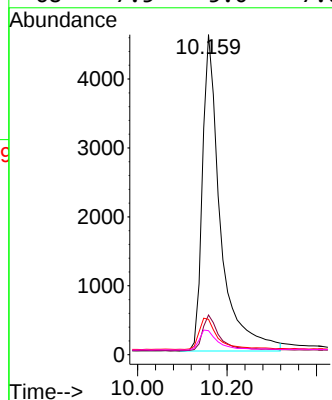
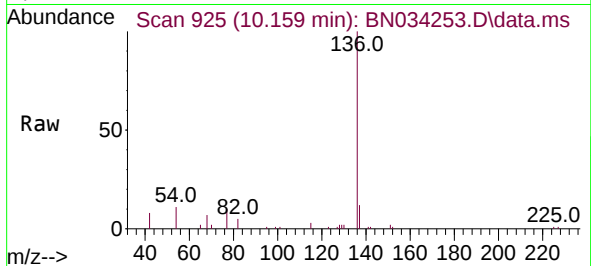




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.159 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

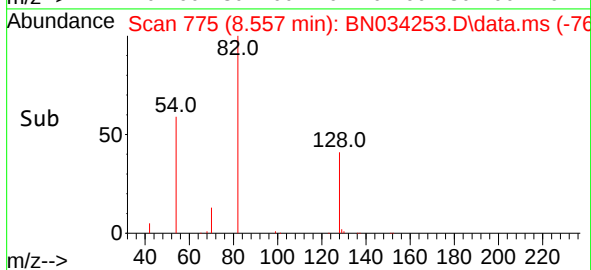
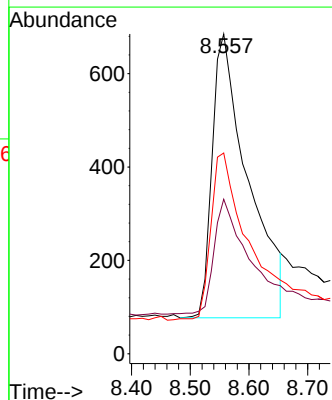
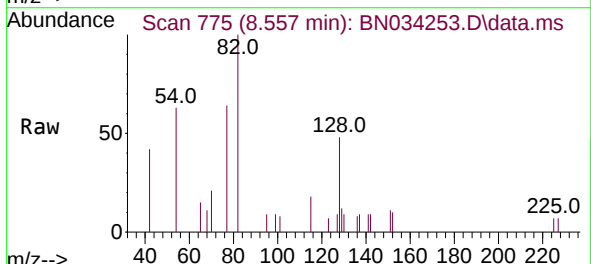
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

Tgt Ion:	136	Resp:	12848
Ion Ratio	Lower	Upper	
136	100		
137	12.4	9.0	13.6
54	11.1	6.8	10.2
68	7.5	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.557 min Scan# 775
Delta R.T. 0.021 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

Tgt Ion:	82	Resp:	2582
Ion Ratio	Lower	Upper	
82	100		
128	48.3	31.4	47.2
54	62.8	47.4	71.0

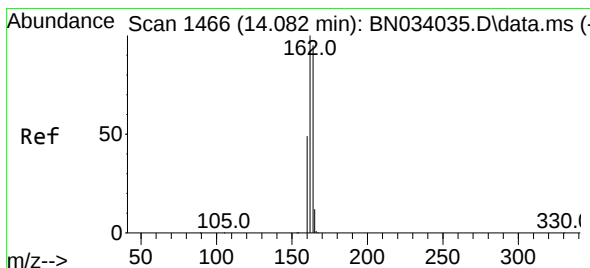
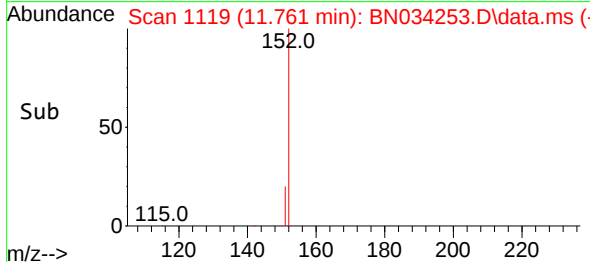
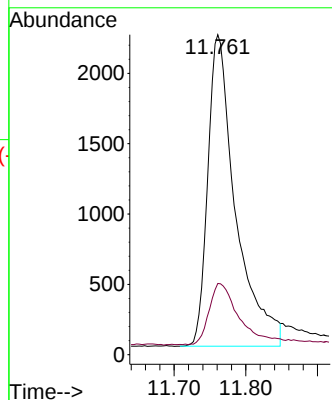
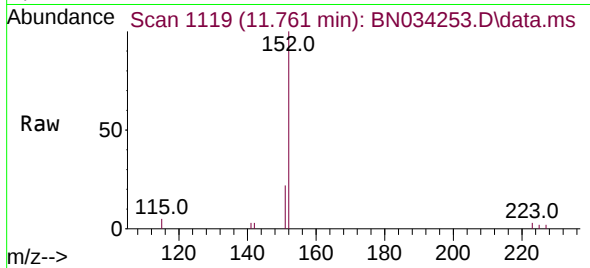




#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 11.761 min Scan# 1119
Delta R.T. 0.008 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

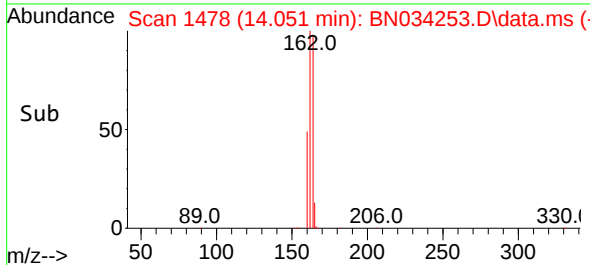
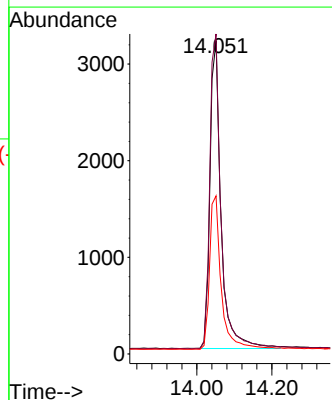
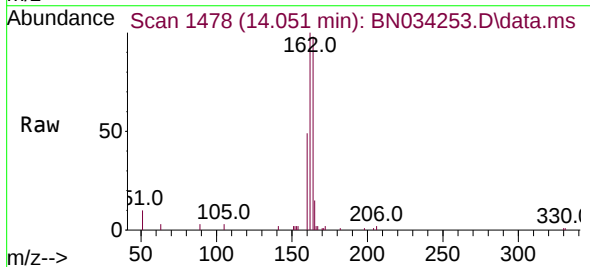
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

Tgt Ion:152 Resp: 5983
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.051 min Scan# 1478
Delta R.T. 0.004 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

Tgt Ion:164 Resp: 6584
Ion Ratio Lower Upper
164 100
162 102.3 84.2 126.2
160 50.5 41.7 62.5

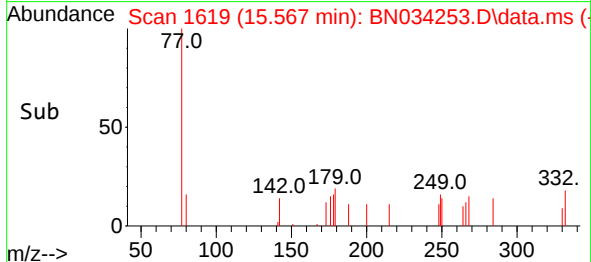
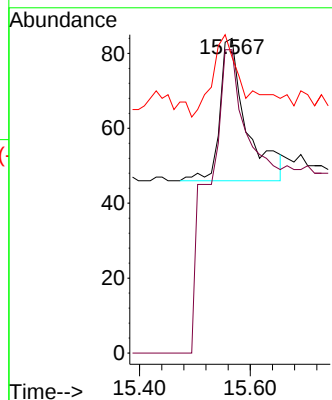
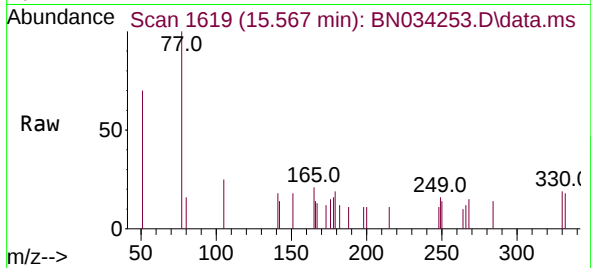




#14
2,4,6-Tribromophenol
Concen: 0.041 ng
RT: 15.567 min Scan# 11
Delta R.T. 0.018 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

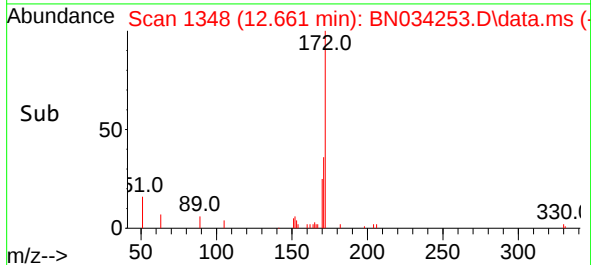
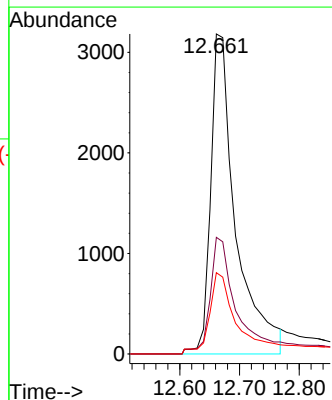
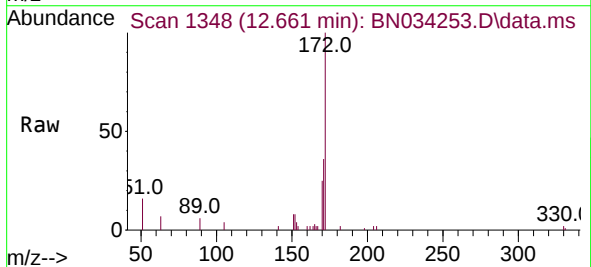
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

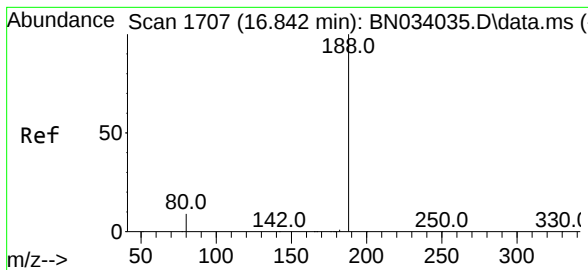
Tgt Ion:330 Resp: 123
Ion Ratio Lower Upper
330 100
332 436.6 77.4 116.0#
141 71.5 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.661 min Scan# 1348
Delta R.T. 0.004 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

Tgt Ion:172 Resp: 8576
Ion Ratio Lower Upper
172 100
171 36.5 27.3 40.9
170 25.4 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.808 min Scan# 11

Delta R.T. 0.006 min

Lab File: BN034253.D

Acq: 26 Sep 2024 20:22

Instrument :

BNA_N

ClientSampleId :

RE139D1-20240920

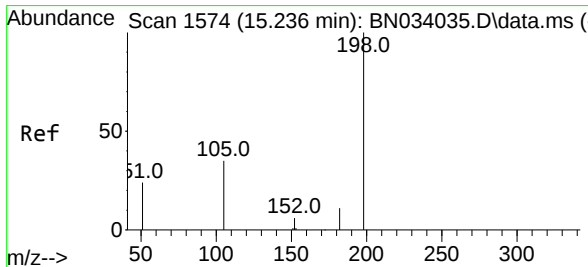
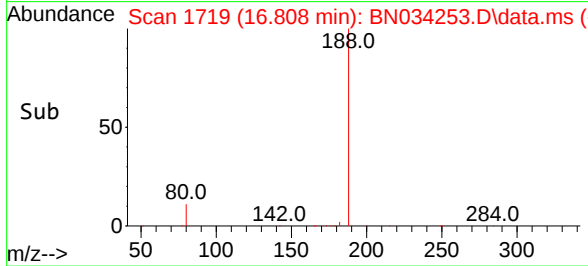
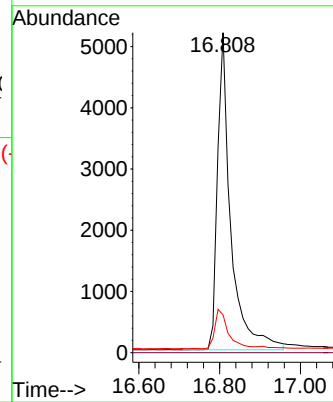
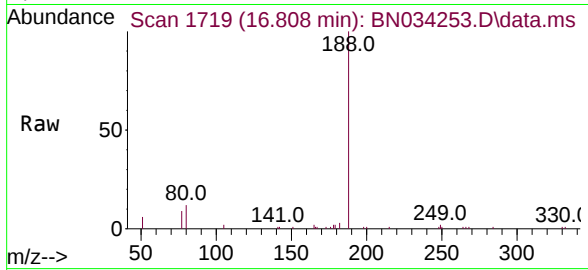
Tgt Ion:188 Resp: 11837

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 16.274 min Scan# 1676

Delta R.T. -0.032 min

Lab File: BN034253.D

Acq: 26 Sep 2024 20:22

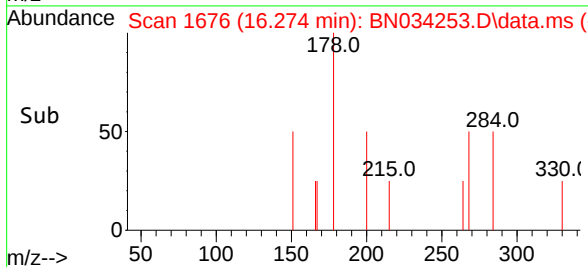
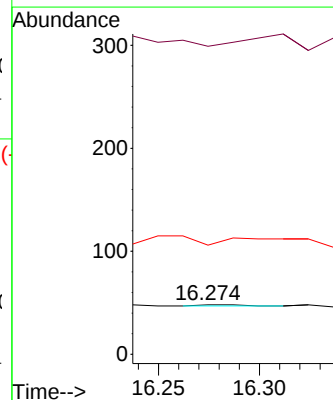
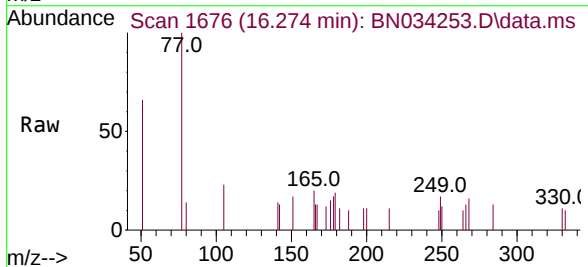
Tgt Ion:198 Resp: 1

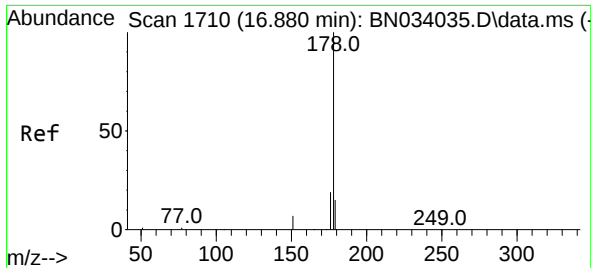
Ion Ratio Lower Upper

198 100

51 622.9 106.4 159.6#

105 220.8 38.5 57.7#

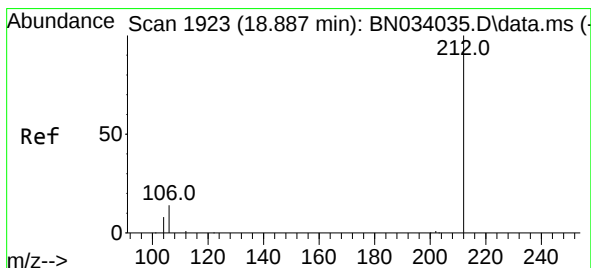
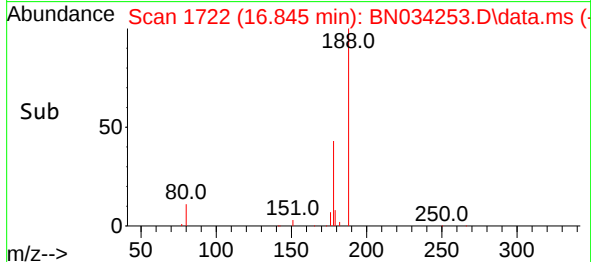
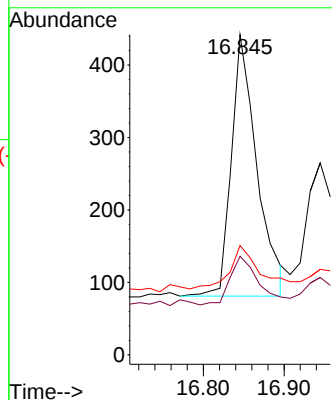
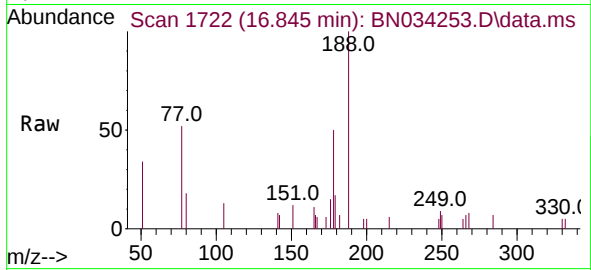




#25
Phenanthrene
Concen: 0.023 ng
RT: 16.845 min Scan# 1722
Delta R.T. 0.005 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

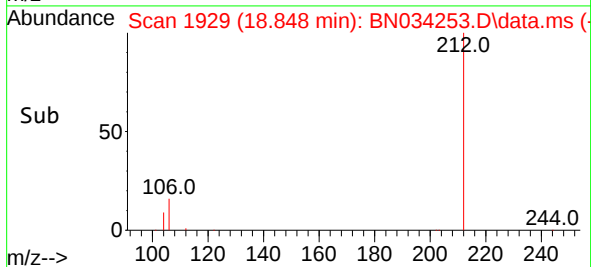
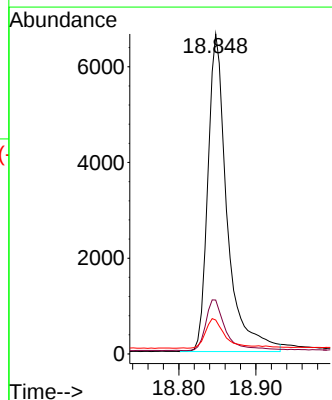
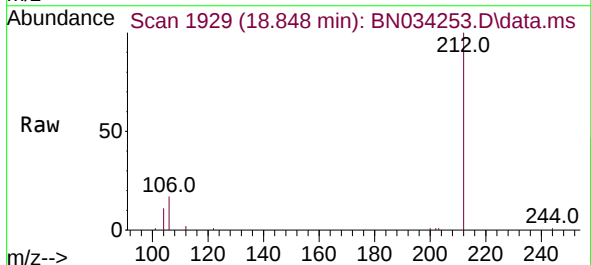
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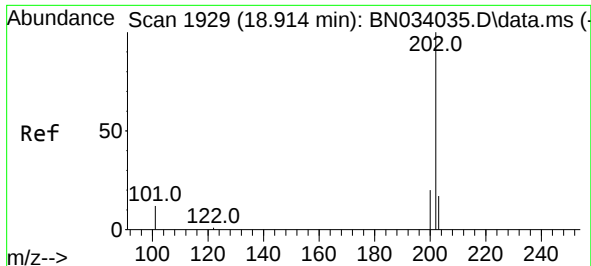
Tgt Ion:	178	Resp:	794
Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.3	22.9
179	16.9	12.1	18.1



#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 18.848 min Scan# 1929
Delta R.T. 0.002 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

Tgt Ion:	212	Resp:	11504
Ion	Ratio	Lower	Upper
212	100		
106	16.6	13.4	20.2
104	9.4	7.8	11.6

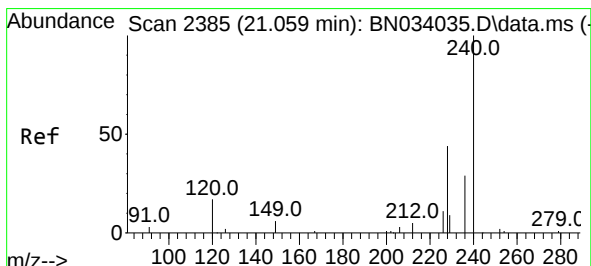
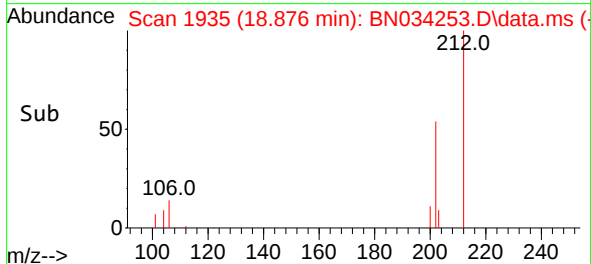
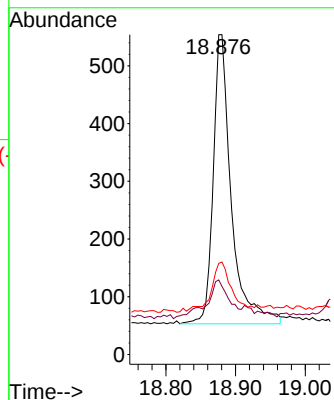
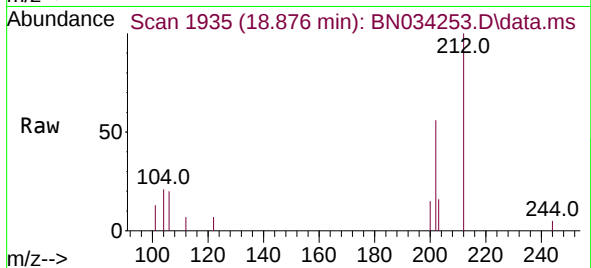




#28
Fluoranthene
Concen: 0.023 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.002 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

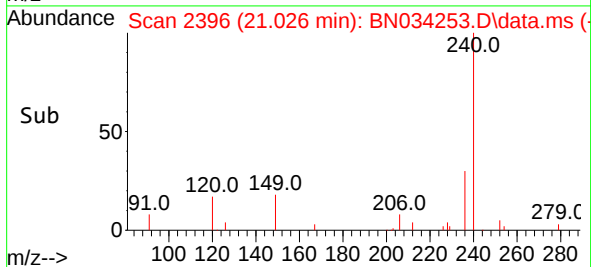
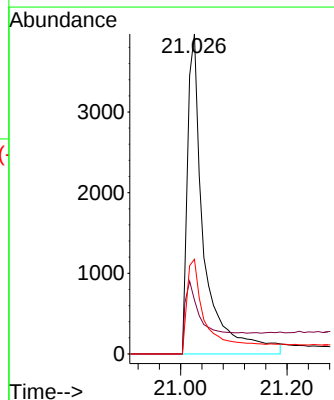
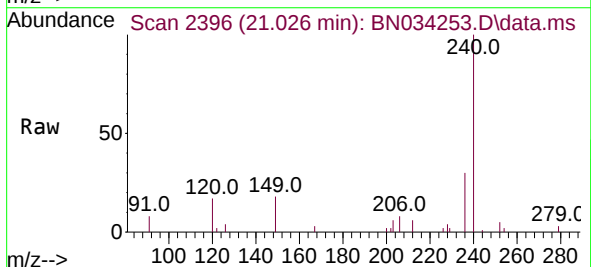
Instrument :
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RE139D1-20240920

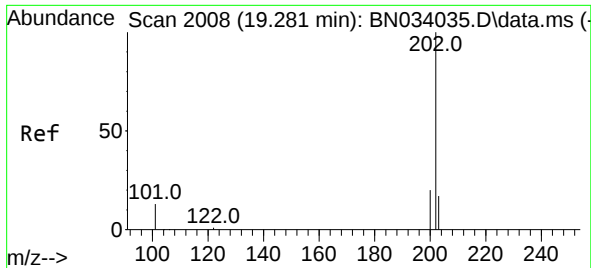
Tgt Ion:202 Resp: 907
Ion Ratio Lower Upper
202 100
101 16.9 10.1 15.1#
203 20.1 13.6 20.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.026 min Scan# 2396
Delta R.T. 0.011 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

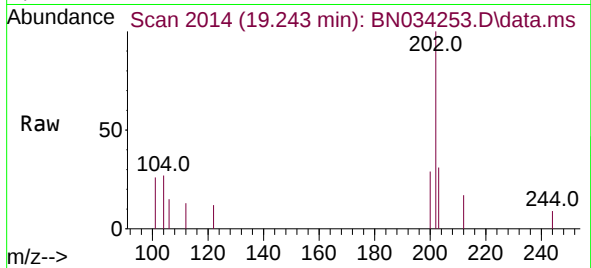
Tgt Ion:240 Resp: 8341
Ion Ratio Lower Upper
240 100
120 16.9 13.5 20.3
236 29.6 23.4 35.0



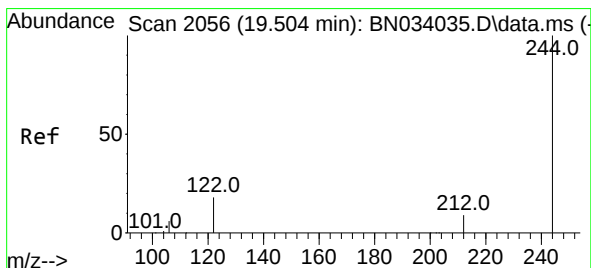
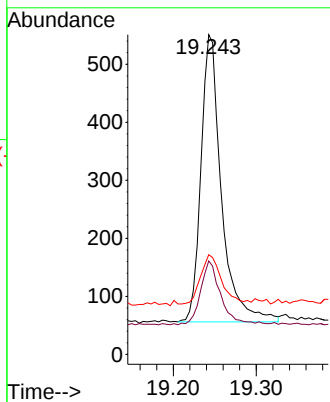
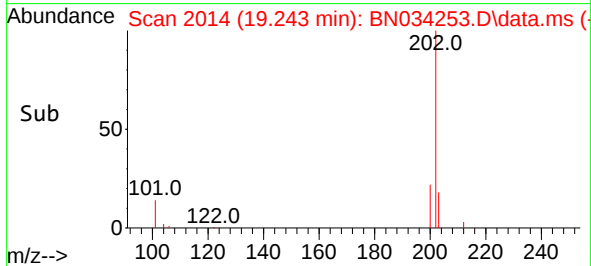


#30
Pyrene
Concen: 0.024 ng
RT: 19.243 min Scan# 2014
Delta R.T. 0.002 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

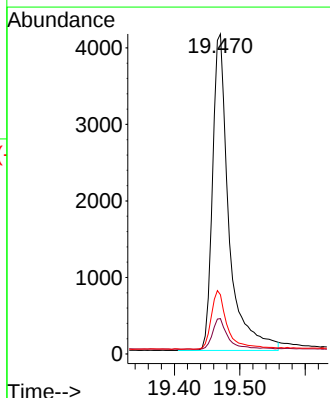
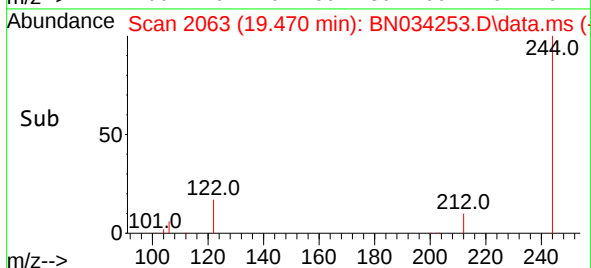
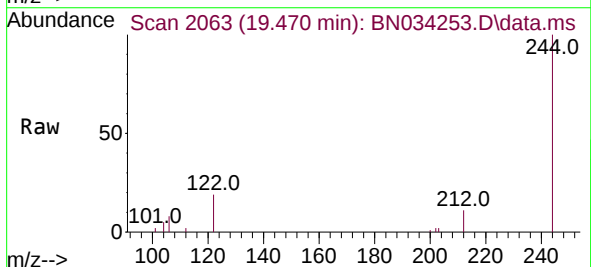


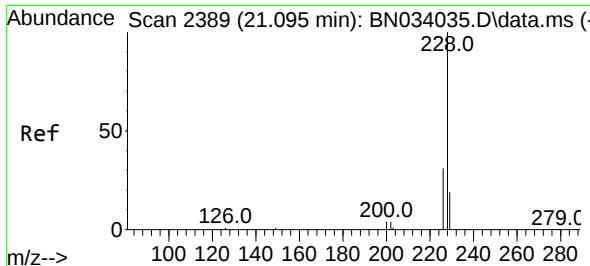
Tgt Ion:202 Resp: 850
Ion Ratio Lower Upper
202 100
200 22.0 16.6 25.0
203 17.2 14.3 21.5



#31
Terphenyl-d14
Concen: 0.431 ng
RT: 19.470 min Scan# 2063
Delta R.T. 0.002 min
Lab File: BN034253.D
Acq: 26 Sep 2024 20:22

Tgt Ion:244 Resp: 7181
Ion Ratio Lower Upper
244 100
212 11.0 7.8 11.6
122 18.5 14.8 22.2





#33

Chrysene

Concen: 0.020 ng

RT: 21.062 min Scan# 2400

Delta R.T. 0.011 min

Lab File: BN034253.D

Acq: 26 Sep 2024 20:22

Instrument :

BNA_N

ClientSampleId :

RE139D1-20240920

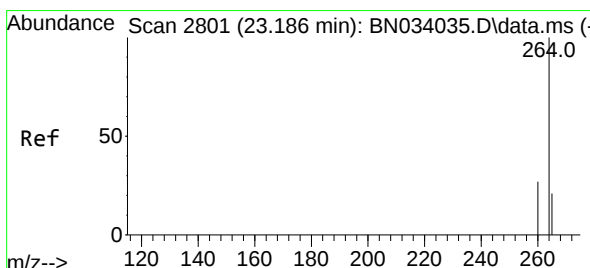
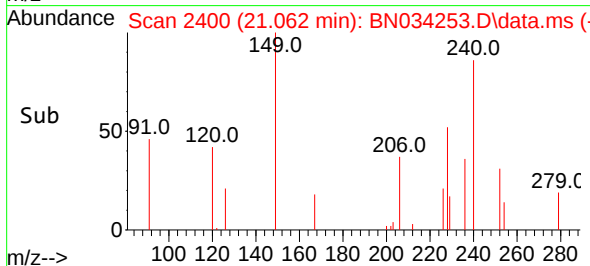
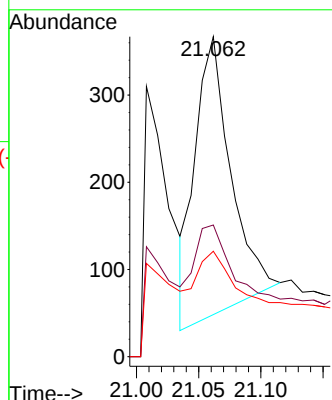
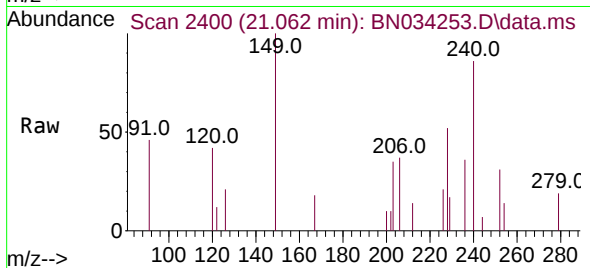
Tgt Ion:228 Resp: 645

Ion Ratio Lower Upper

228 100

226 41.1 24.6 37.0#

229 33.0 15.5 23.3#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.136 min Scan# 2800

Delta R.T. 0.008 min

Lab File: BN034253.D

Acq: 26 Sep 2024 20:22

Tgt Ion:264 Resp: 7635

Ion Ratio Lower Upper

264 100

260 27.1 21.7 32.5

265 113.8 52.1 78.1#

