

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
 Data File : BN035516.D
 Acq On : 09 Dec 2024 20:43
 Operator : RC/JU
 Sample : P5164-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-20241206

Quant Time: Dec 10 01:27:53 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)

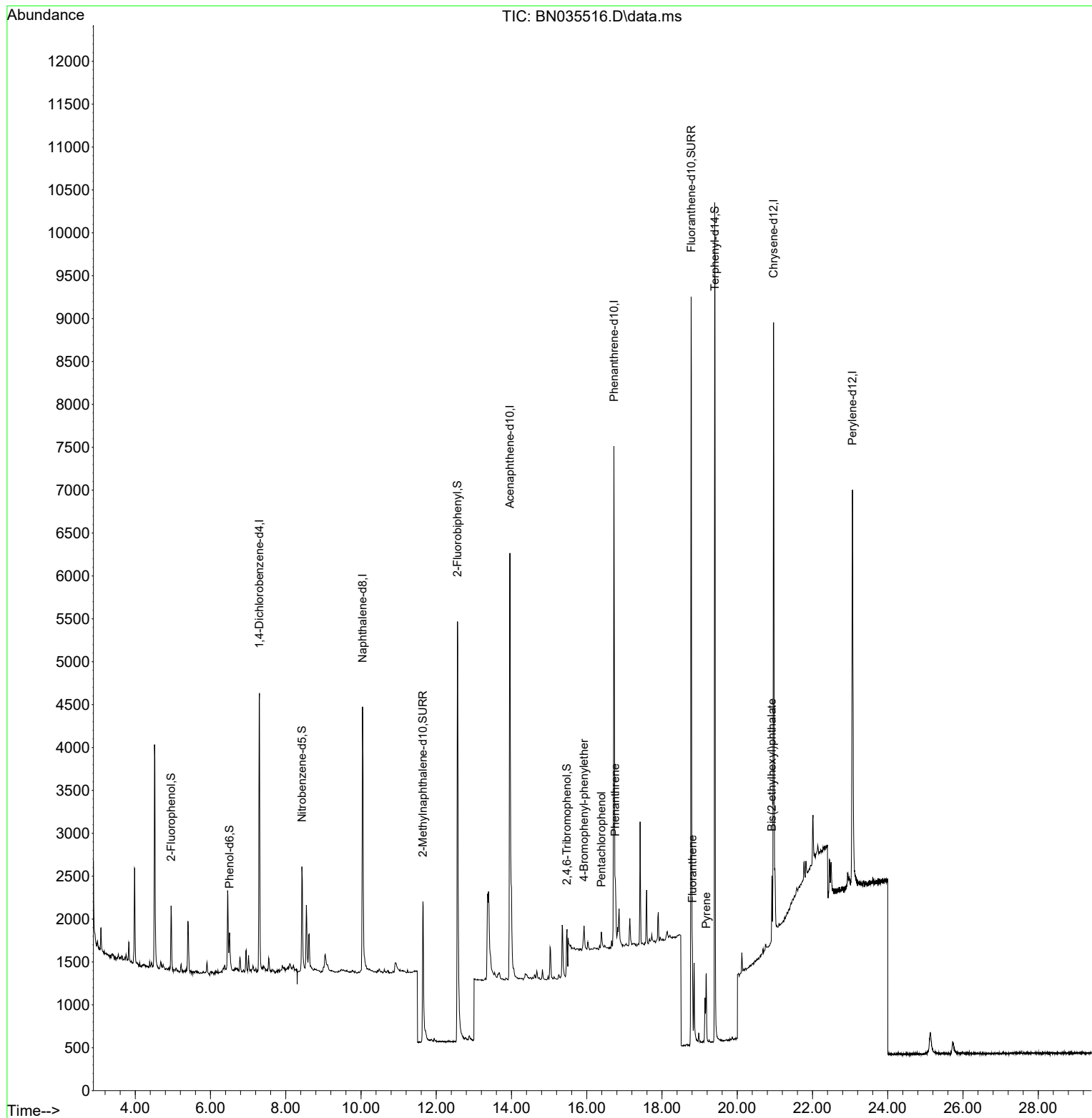
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.301	152	1690	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	4712	0.400	ng	-0.01
13) Acenaphthene-d10	13.957	164	3572	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	8431	0.400	ng	#-0.01
29) Chrysene-d12	20.965	240	7106	0.400	ng	0.00
35) Perylene-d12	23.062	264	6618	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.953	112	643	0.152	ng	-0.01
5) Phenol-d6	6.506	99	490	0.096	ng	0.00
8) Nitrobenzene-d5	8.429	82	1480	0.514	ng	-0.01
11) 2-Methylnaphthalene-d10	11.646	152	2985	0.405	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	642	0.253	ng	0.00
15) 2-Fluorobiphenyl	12.564	172	5951	0.441	ng	0.00
27) Fluoranthene-d10	18.775	212	10625	0.445	ng	0.00
31) Terphenyl-d14	19.403	244	9767	0.697	ng	0.00
Target Compounds						
21) 4-Bromophenyl-phenylether	15.929	248	135	0.027	ng	# 78
24) Pentachlorophenol	16.388	266	160	0.064	ng	95
25) Phenanthrene	16.761	178	619	0.027	ng	99
28) Fluoranthene	18.808	202	879	0.028	ng	97
30) Pyrene	19.175	202	751	0.029	ng	99
34) Bis(2-ethylhexyl)phtha...	20.920	149	772	0.079	ng	# 97

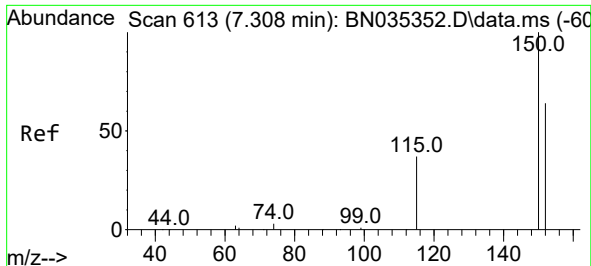
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_N
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FB-20241206

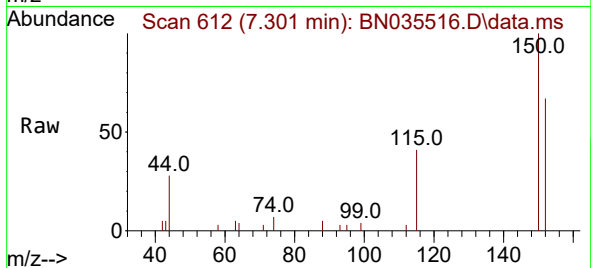
Quant Time: Dec 10 01:27:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



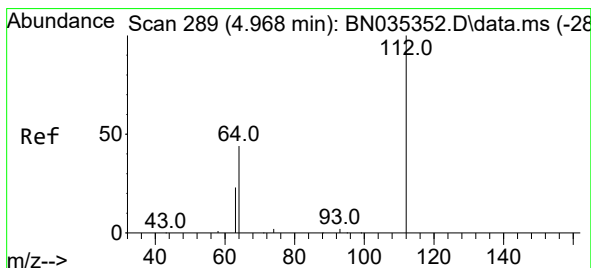
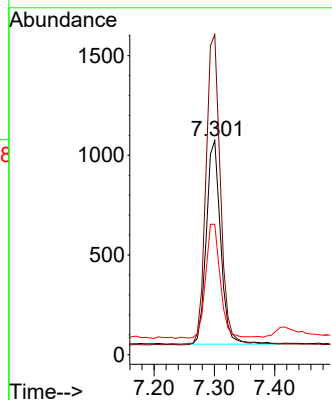
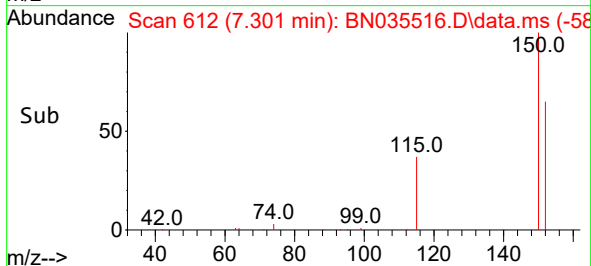


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.301 min Scan# 613
Delta R.T. -0.007 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

Instrument :
BNA_N
ClientSampleId :
FB-20241206

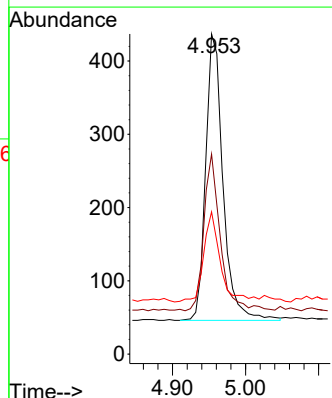
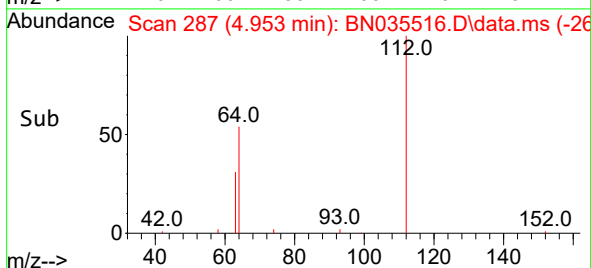
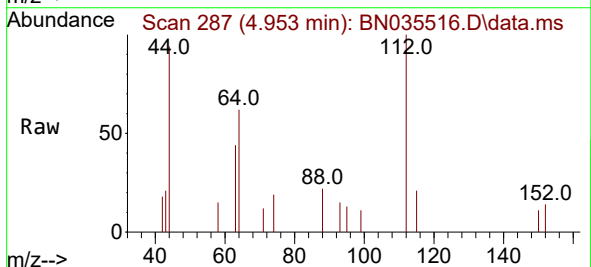


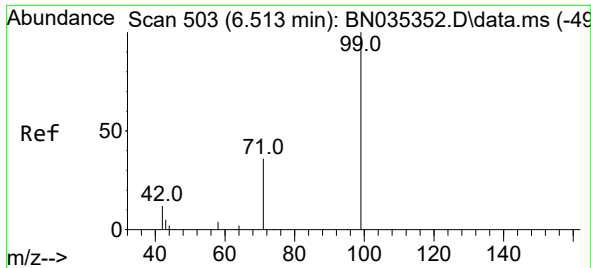
Tgt Ion:152 Resp: 1690
Ion Ratio Lower Upper
152 100
150 149.4 124.0 186.0
115 60.9 49.6 74.4



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 4.953 min Scan# 287
Delta R.T. -0.014 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

Tgt Ion:112 Resp: 643
Ion Ratio Lower Upper
112 100
64 51.9 39.8 59.8
63 30.3 21.0 31.6

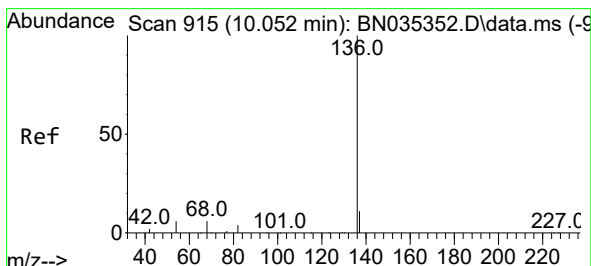
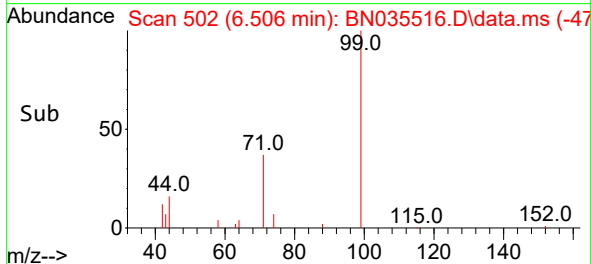
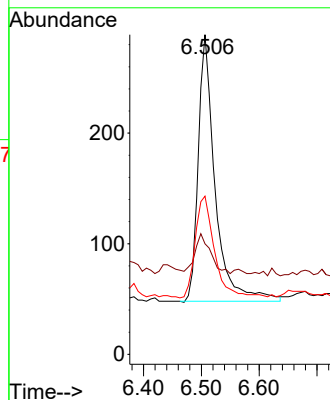
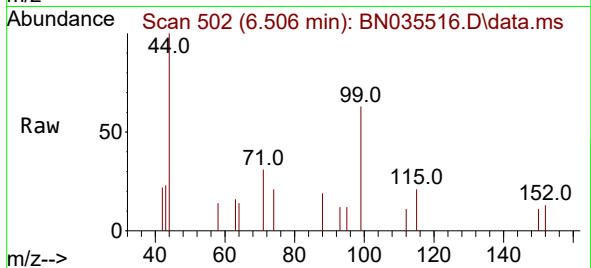




#5
Phenol-d6
Concen: 0.096 ng
RT: 6.506 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

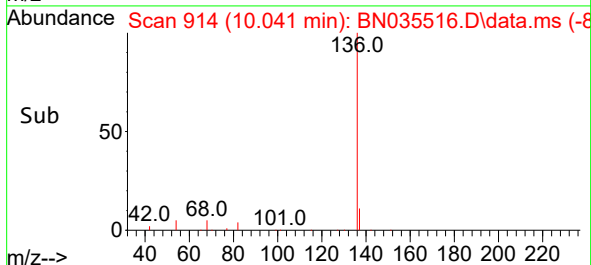
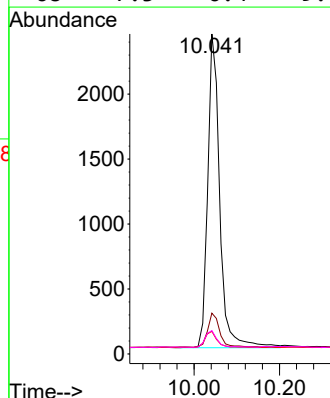
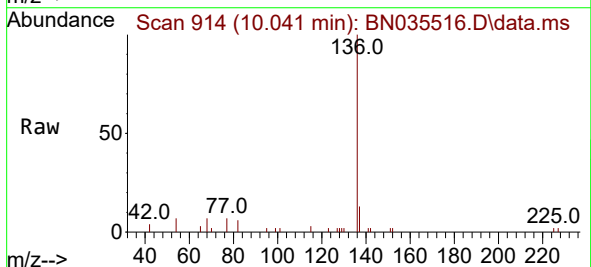
Instrument :
BNA_N
ClientSampleId :
FB-20241206

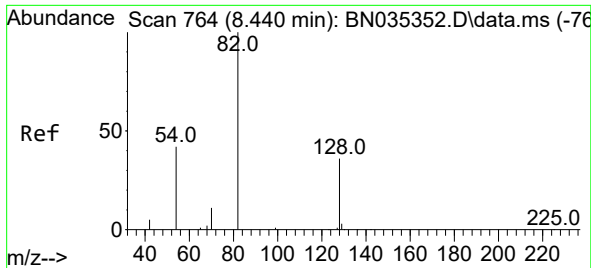
Tgt Ion:	99	Resp:	490
Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.4	17.2
71	43.9	29.3	43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.041 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

Tgt Ion:	136	Resp:	4712
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.2	15.2
54	7.1	6.1	9.1
68	7.3	6.4	9.6

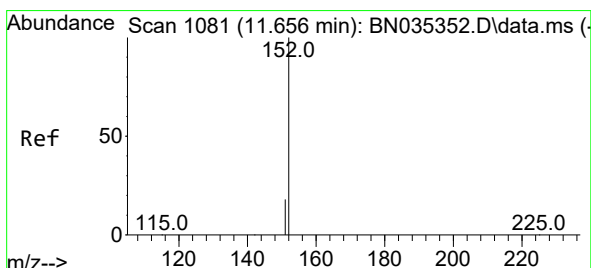
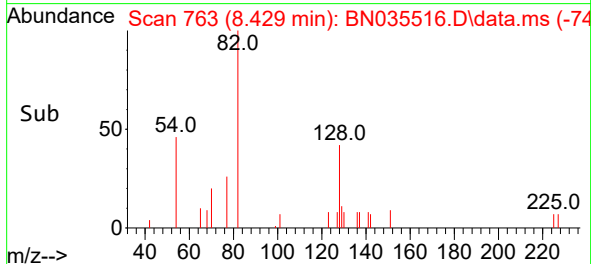
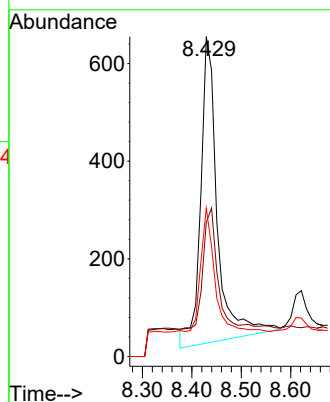
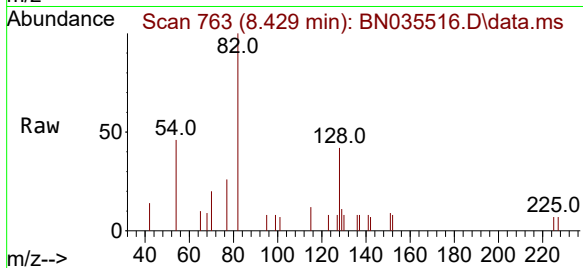




#8
Nitrobenzene-d5
Concen: 0.514 ng
RT: 8.429 min Scan# 70
Delta R.T. -0.011 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

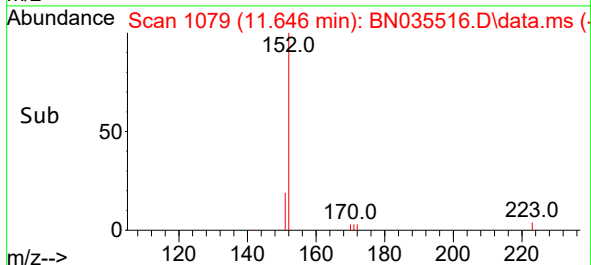
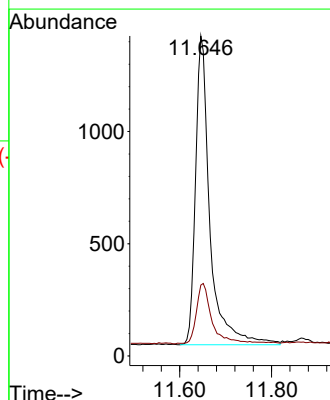
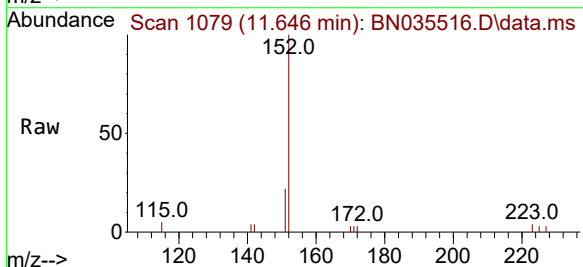
Instrument :
BNA_N
ClientSampleId :
FB-20241206

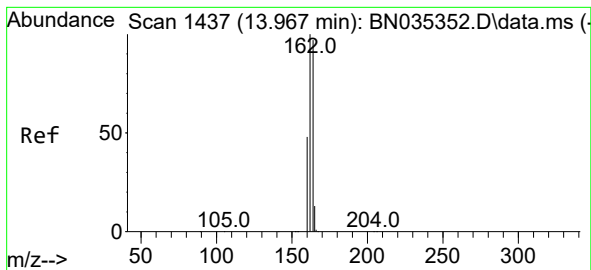
Tgt Ion: 82 Resp: 1480
Ion Ratio Lower Upper
82 100
128 42.0 33.4 50.0
54 46.4 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 11.646 min Scan# 1079
Delta R.T. -0.010 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

Tgt Ion: 152 Resp: 2985
Ion Ratio Lower Upper
152 100
151 21.4 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.957 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN035516.D

Acq: 09 Dec 2024 20:43

Instrument :

BNA_N

ClientSampleId :

FB-20241206

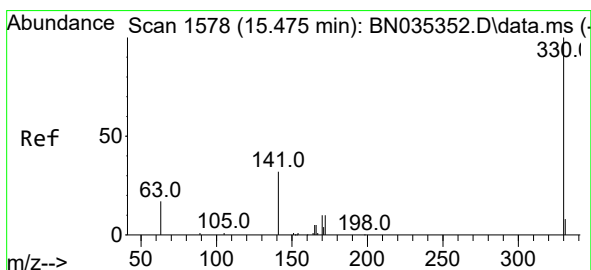
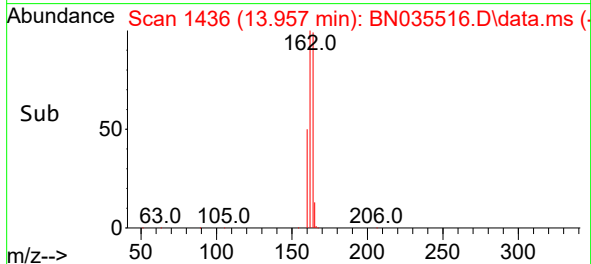
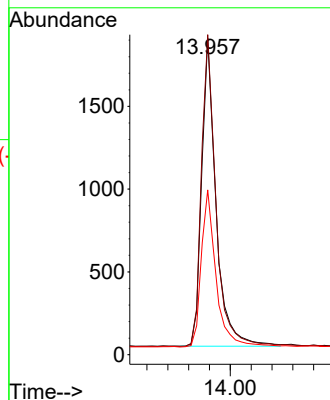
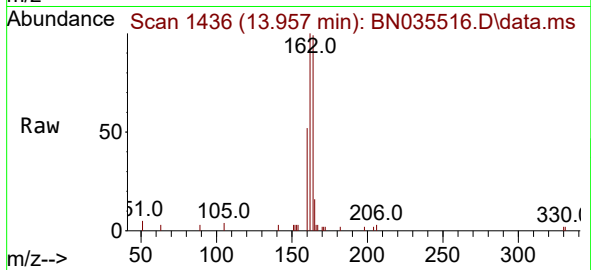
Tgt Ion:164 Resp: 3572

Ion Ratio Lower Upper

164 100

162 101.0 82.2 123.2

160 52.0 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.253 ng

RT: 15.475 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BN035516.D

Acq: 09 Dec 2024 20:43

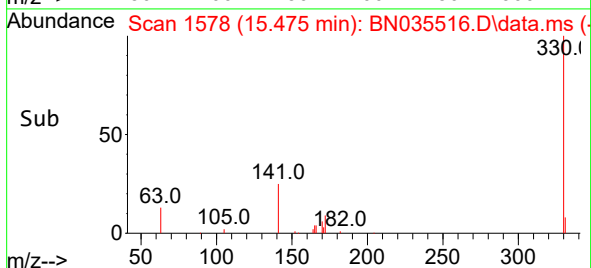
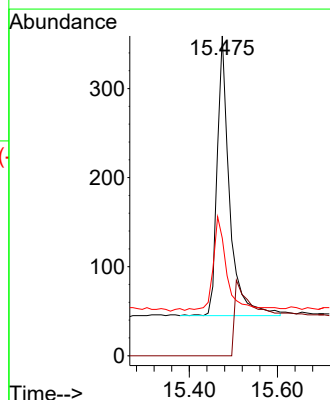
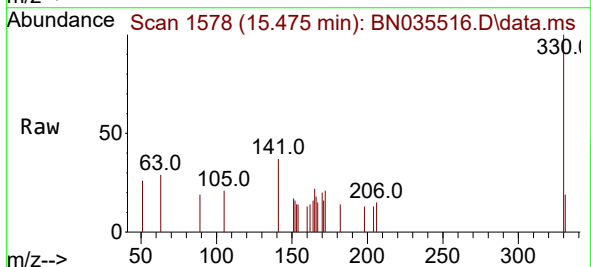
Tgt Ion:330 Resp: 642

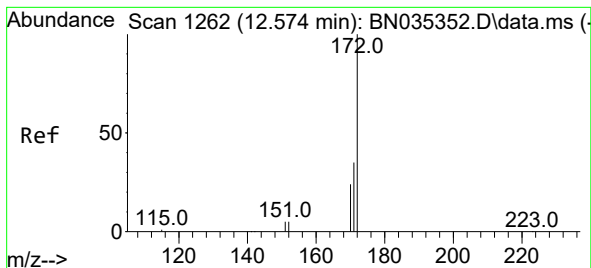
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 38.0 26.6 40.0





#15

2-Fluorobiphenyl

Concen: 0.441 ng

RT: 12.564 min Scan# 1

Delta R.T. -0.010 min

Lab File: BN035516.D

Acq: 09 Dec 2024 20:43

Instrument :

BNA_N

ClientSampleId :

FB-20241206

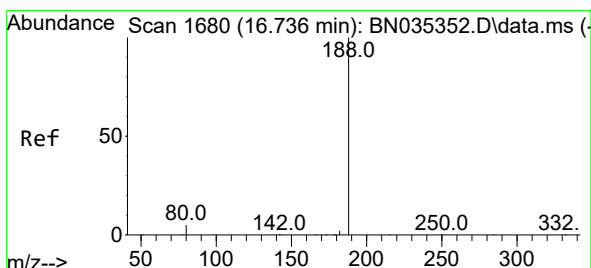
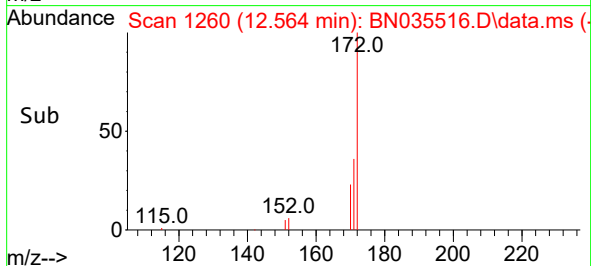
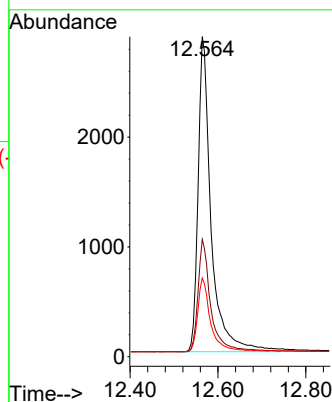
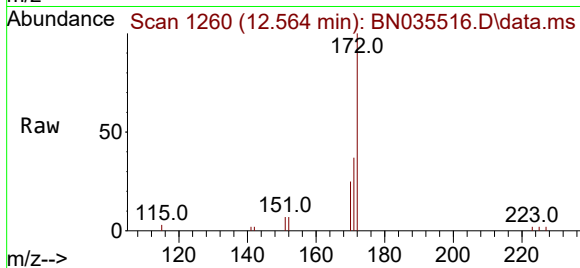
Tgt Ion:172 Resp: 5951

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

170 24.6 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: BN035516.D

Acq: 09 Dec 2024 20:43

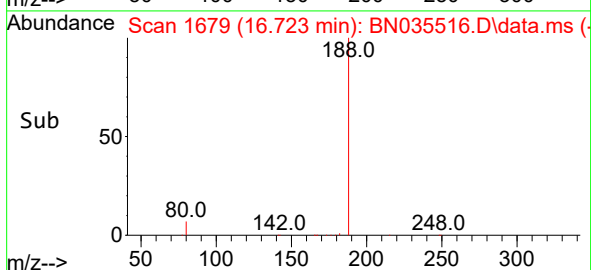
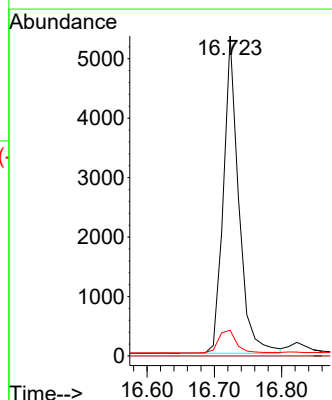
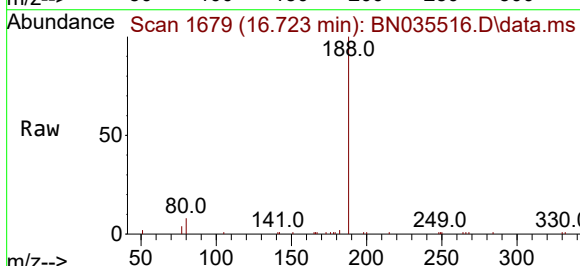
Tgt Ion:188 Resp: 8431

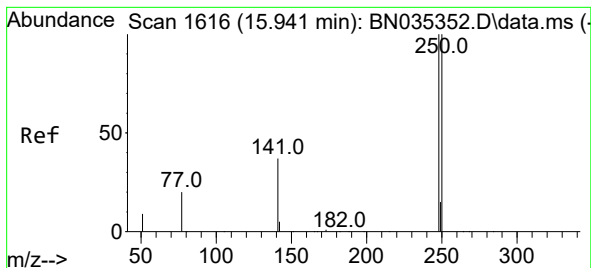
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 4.6 6.8#

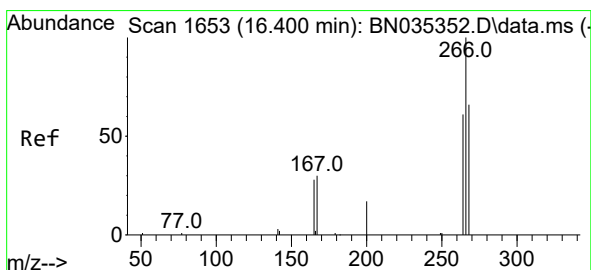
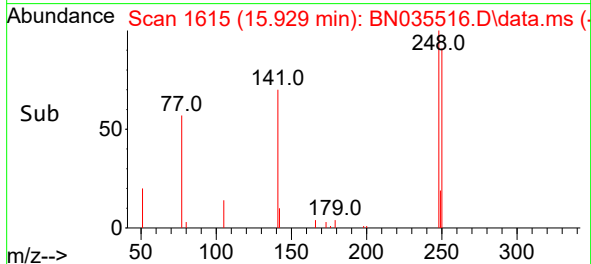
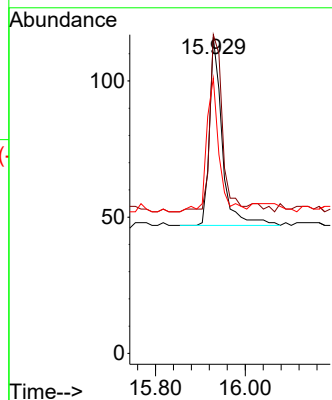
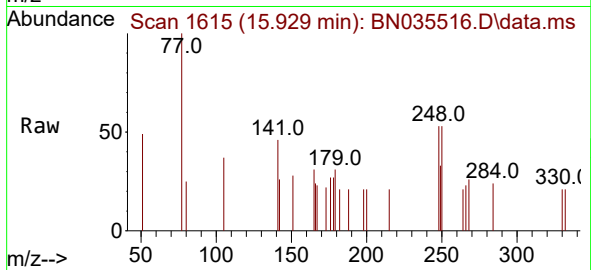




#21
4-Bromophenyl-phenylether
Concen: 0.027 ng
RT: 15.929 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

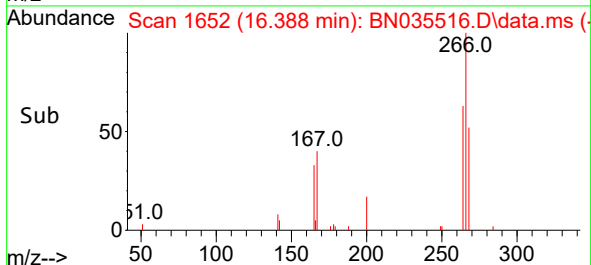
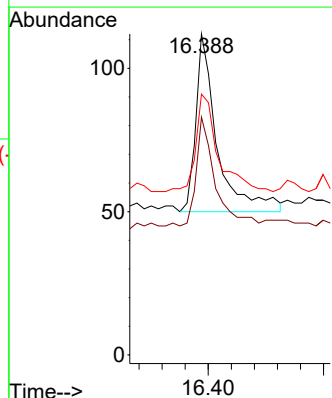
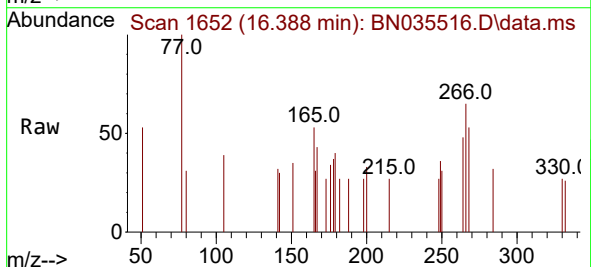
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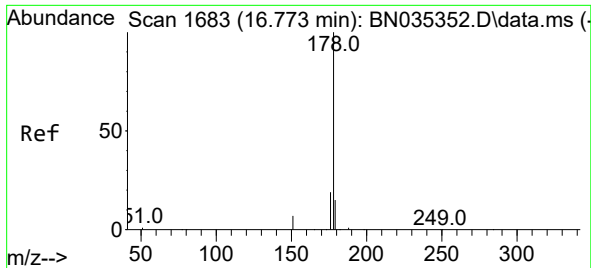
Tgt Ion:248 Resp: 135
Ion Ratio Lower Upper
248 100
250 100.9 80.6 120.8
141 87.1 31.5 47.3#



#24
Pentachlorophenol
Concen: 0.064 ng
RT: 16.388 min Scan# 1652
Delta R.T. -0.012 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

Tgt Ion:266 Resp: 160
Ion Ratio Lower Upper
266 100
264 53.8 42.3 63.5
268 60.0 43.3 64.9

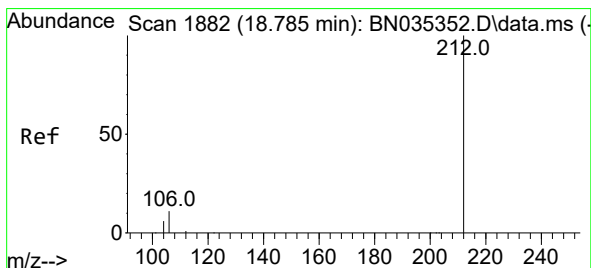
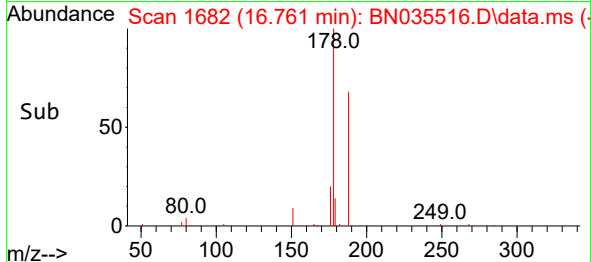
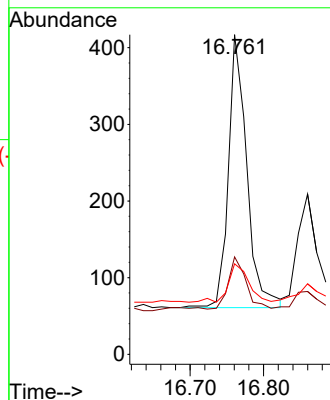
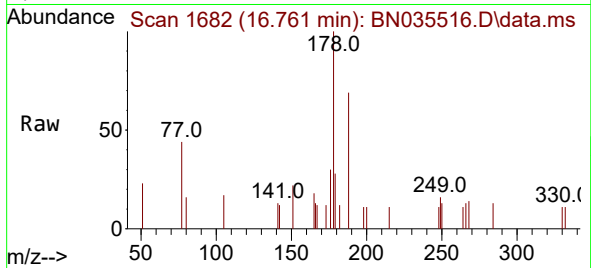




#25
Phenanthrene
Concen: 0.027 ng
RT: 16.761 min Scan# 1682
Delta R.T. -0.012 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

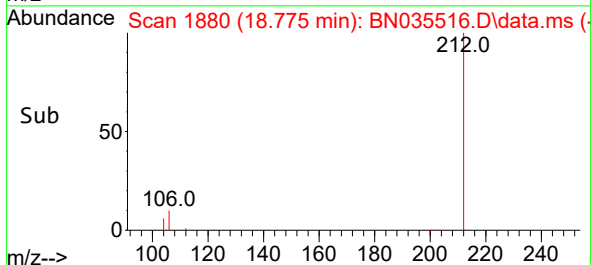
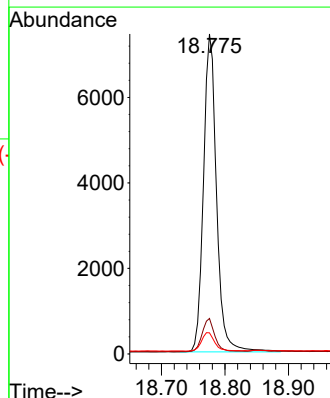
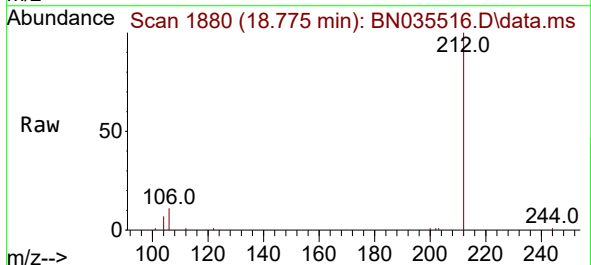
Instrument :
BNA_N
ClientSampleId :
FB-20241206

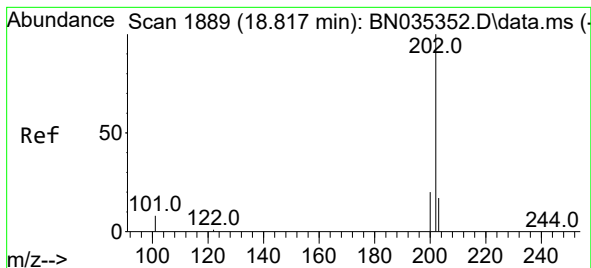
Tgt Ion:	178	Resp:	619
Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.5	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.445 ng
RT: 18.775 min Scan# 1880
Delta R.T. -0.009 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

Tgt Ion:	212	Resp:	10625
Ion	Ratio	Lower	Upper
212	100		
106	10.1	9.2	13.8
104	5.9	5.3	7.9





#28

Fluoranthene

Concen: 0.028 ng

RT: 18.808 min Scan# 1887

Delta R.T. -0.009 min

Lab File: BN035516.D

Acq: 09 Dec 2024 20:43

Instrument :

BNA_N

ClientSampleId :

FB-20241206

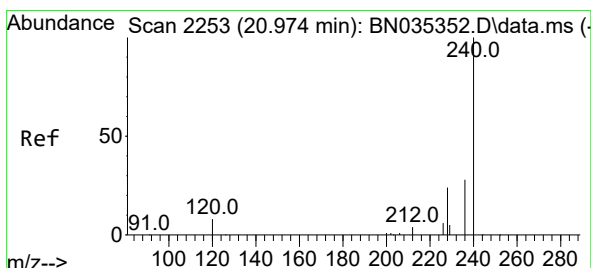
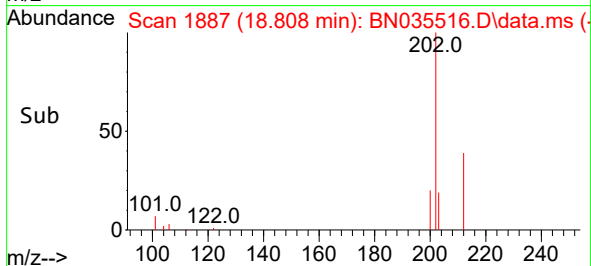
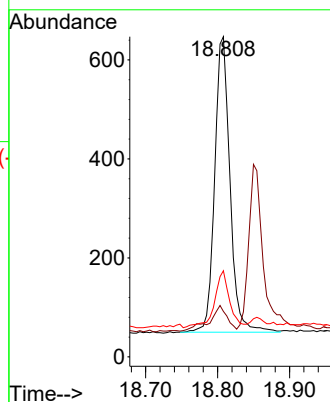
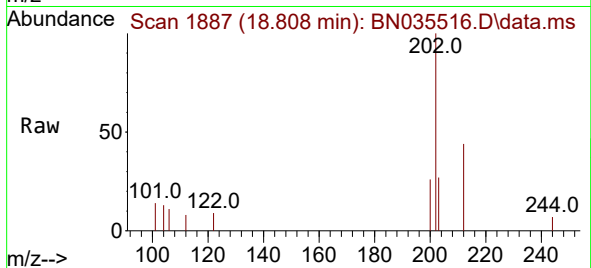
Tgt Ion:202 Resp: 879

Ion Ratio Lower Upper

202 100

101 10.0 7.4 11.0

203 18.9 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: BN035516.D

Acq: 09 Dec 2024 20:43

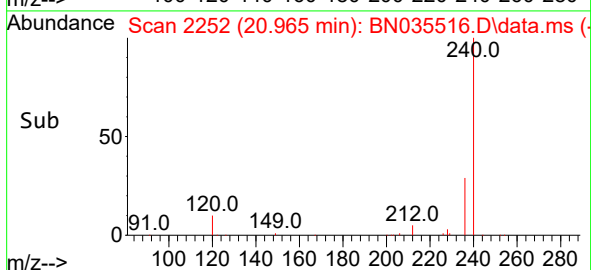
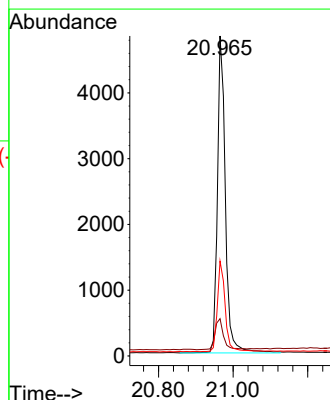
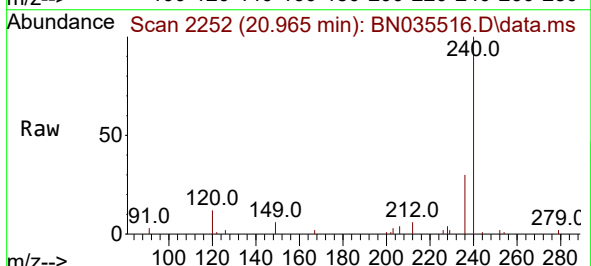
Tgt Ion:240 Resp: 7106

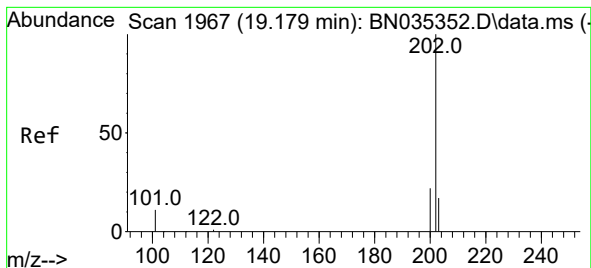
Ion Ratio Lower Upper

240 100

120 11.7 7.9 11.9

236 29.6 22.9 34.3





#30

Pyrene

Concen: 0.029 ng

RT: 19.175 min Scan# 1967

Delta R.T. -0.005 min

Lab File: BN035516.D

Acq: 09 Dec 2024 20:43

Instrument :

BNA_N

ClientSampleId :

FB-20241206

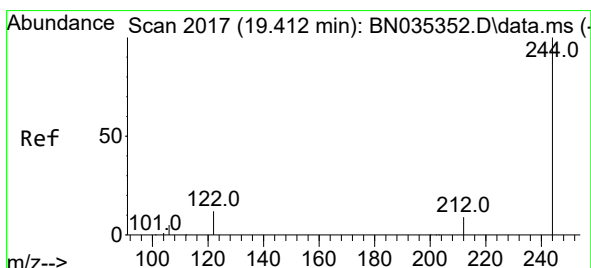
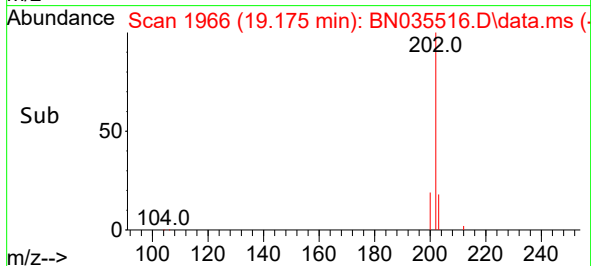
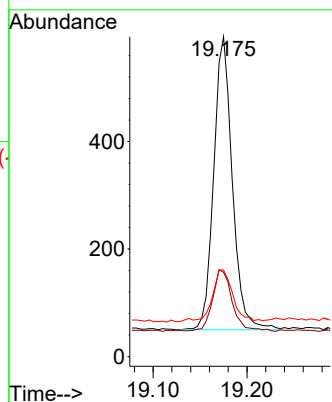
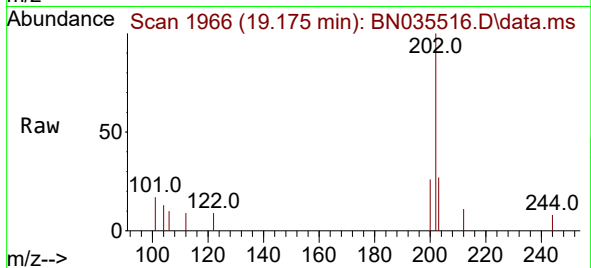
Tgt Ion:202 Resp: 751

Ion Ratio Lower Upper

202 100

200 22.2 17.0 25.4

203 18.1 14.3 21.5



#31

Terphenyl-d14

Concen: 0.697 ng

RT: 19.403 min Scan# 2015

Delta R.T. -0.009 min

Lab File: BN035516.D

Acq: 09 Dec 2024 20:43

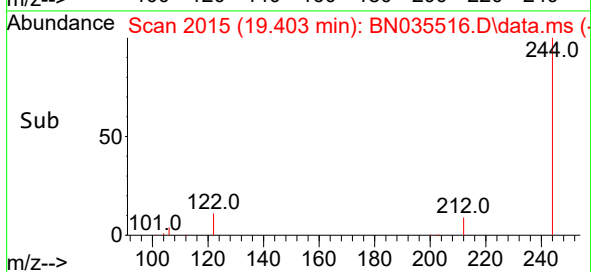
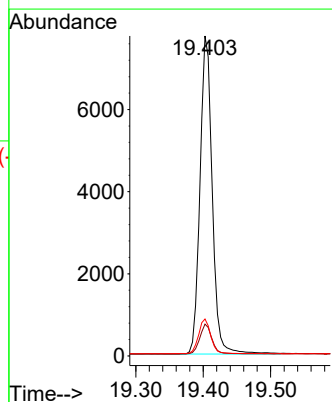
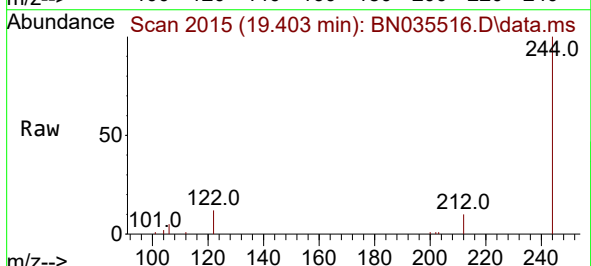
Tgt Ion:244 Resp: 9767

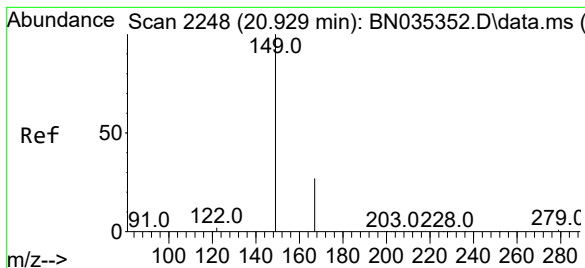
Ion Ratio Lower Upper

244 100

212 10.0 8.1 12.1

122 11.5 10.3 15.5

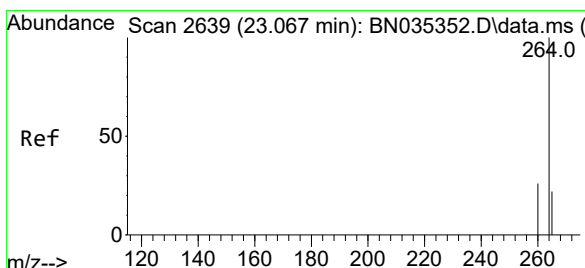
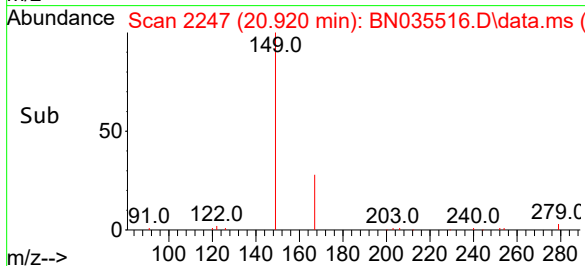
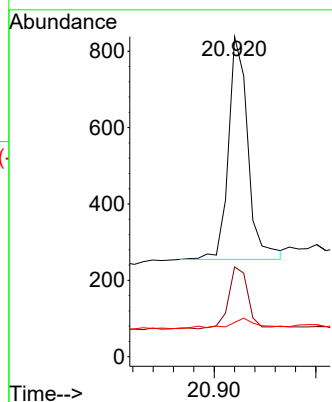
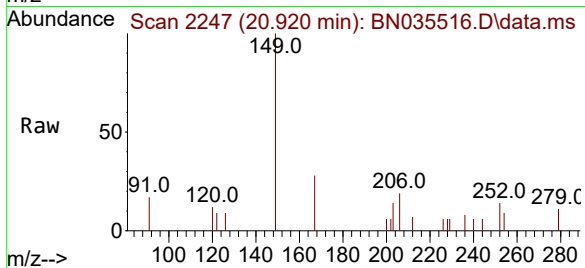




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 20.920 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN035516.D
 Acq: 09 Dec 2024 20:43

Instrument :
 BNA_N
 ClientSampleId :
 FB-20241206

Tgt Ion:149 Resp: 772
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.2 33.4
 279 5.1 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: BN035516.D
 Acq: 09 Dec 2024 20:43

Tgt Ion:264 Resp: 6618
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.4 32.2
 265 65.7 40.2 60.4#

