

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033513.D
 Acq On : 20 Aug 2024 19:28
 Operator : MA/JU
 Sample : P3645-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 916-J-WS-081524

Quant Time: Aug 20 23:21:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

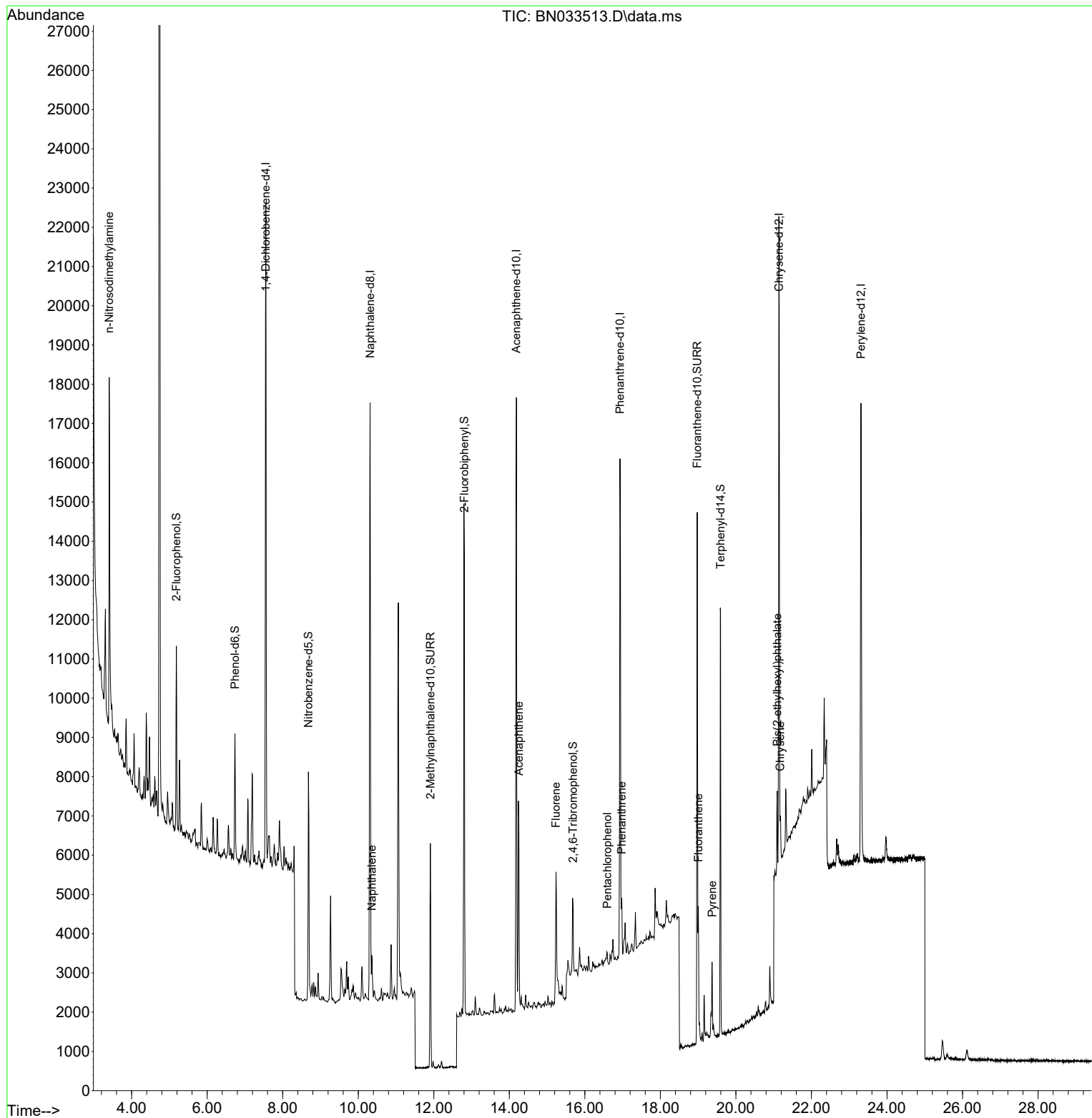
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7720	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	19614	0.400	ng	# 0.00
13) Acenaphthene-d10	14.188	164	9099	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	17960	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	14746	0.400	ng	# 0.00
35) Perylene-d12	23.311	264	14922	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3347	0.136	ng	0.00
5) Phenol-d6	6.736	99	2604	0.089	ng	0.00
8) Nitrobenzene-d5	8.680	82	4387	0.270	ng	-0.01
11) 2-Methylnaphthalene-d10	11.910	152	7589	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1116	0.228	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	11357	0.306	ng	0.00
27) Fluoranthene-d10	18.975	212	14225	0.330	ng	0.00
31) Terphenyl-d14	19.592	244	9803	0.293	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.406	42	1653	0.160	ng	# 1
9) Naphthalene	10.357	128	1311	0.025	ng	# 83
17) Acenaphthene	14.252	154	2555	0.091	ng	95
18) Fluorene	15.236	166	4422	0.125	ng	# 46
24) Pentachlorophenol	16.594	266	165	0.032	ng	96
25) Phenanthrene	16.979	178	1589	0.032	ng	94
28) Fluoranthene	19.002	202	3031	0.055	ng	99
30) Pyrene	19.369	202	1640	0.025	ng	# 91
33) Chrysene	21.175	228	1182	0.022	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.094	149	3403	0.101	ng	# 84

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

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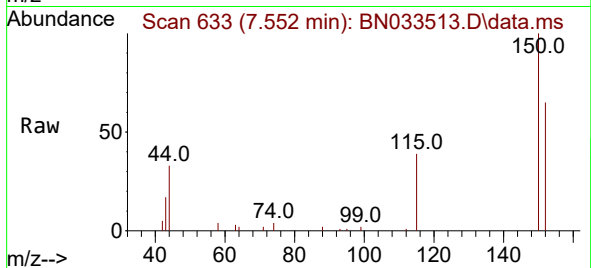
Quant Time: Aug 20 23:21:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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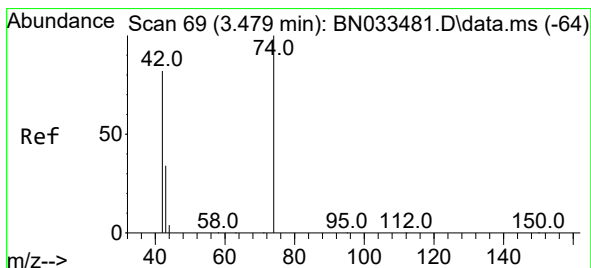
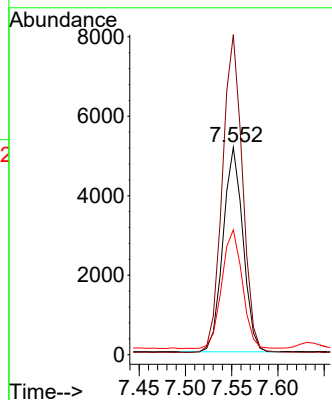
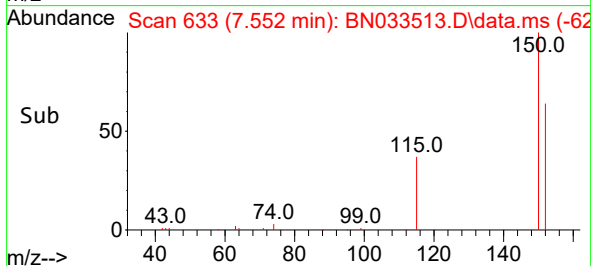


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

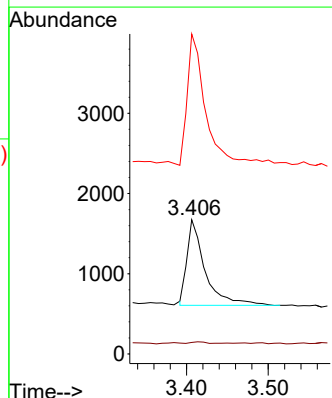
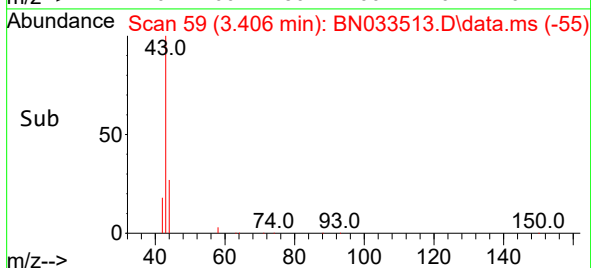
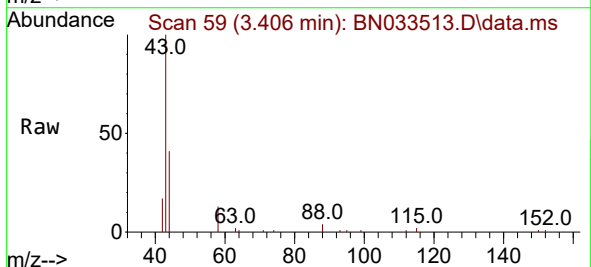


Tgt Ion:152 Resp: 7720
Ion Ratio Lower Upper
152 100
150 154.3 122.2 183.2
115 60.2 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.160 ng
RT: 3.406 min Scan# 59
Delta R.T. -0.073 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion: 42 Resp: 1653
Ion Ratio Lower Upper
42 100
74 1.3 100.2 150.2#
44 158.4 5.3 7.9#

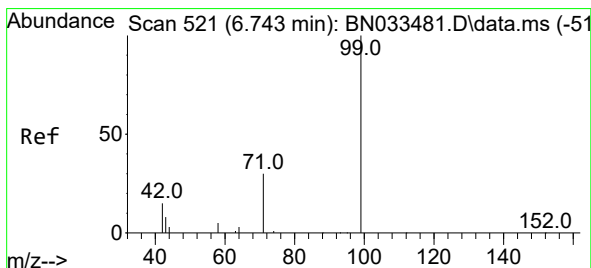
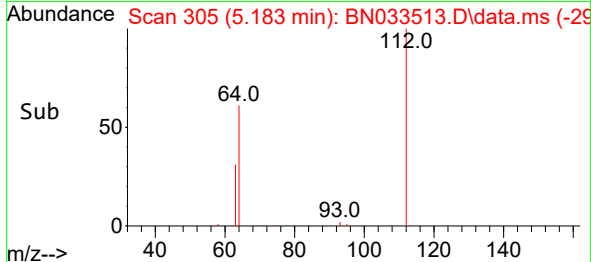
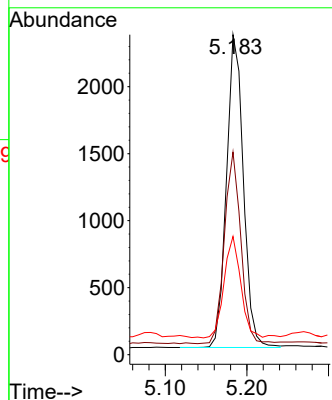
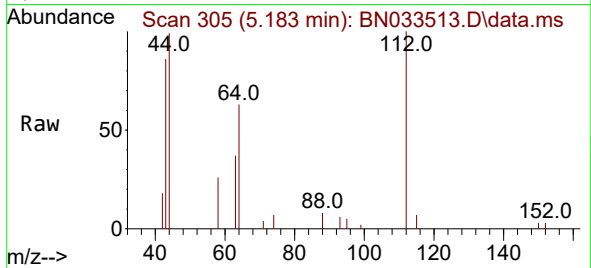




#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.008 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

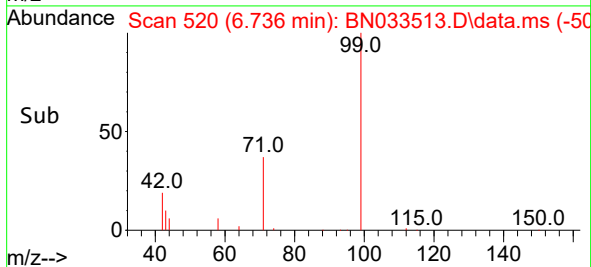
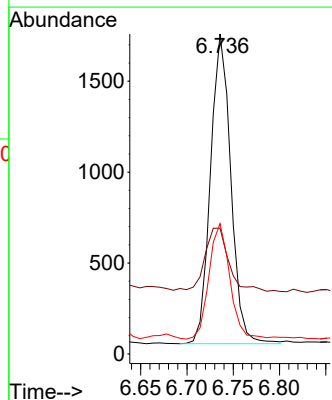
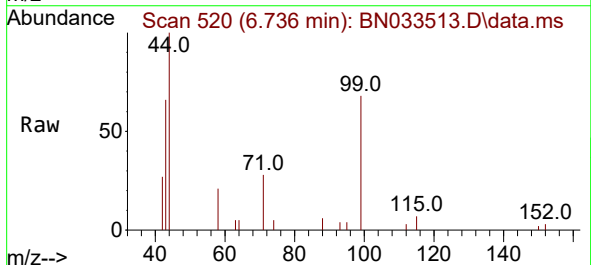
Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

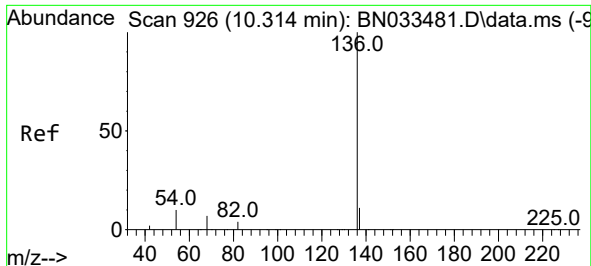
Tgt Ion:112 Resp: 3347
Ion Ratio Lower Upper
112 100
64 59.5 47.1 70.7
63 32.3 24.9 37.3



#5
Phenol-d6
Concen: 0.089 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.008 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion: 99 Resp: 2604
Ion Ratio Lower Upper
99 100
42 24.5 16.6 24.8
71 38.4 26.2 39.4

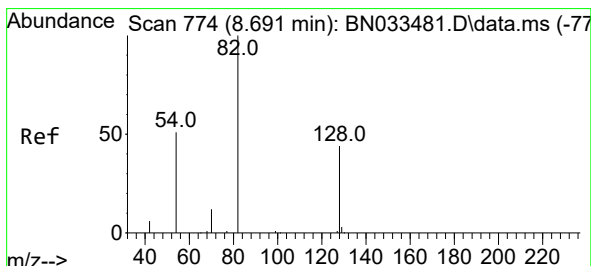
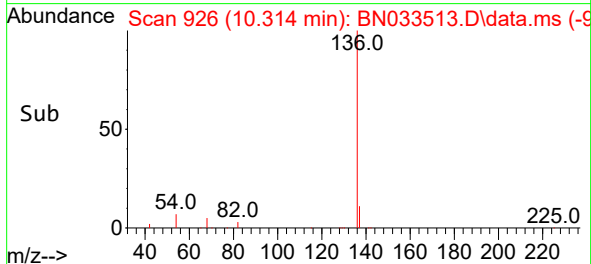
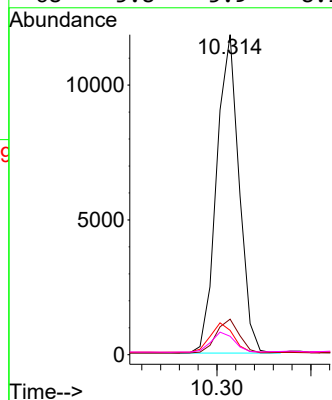
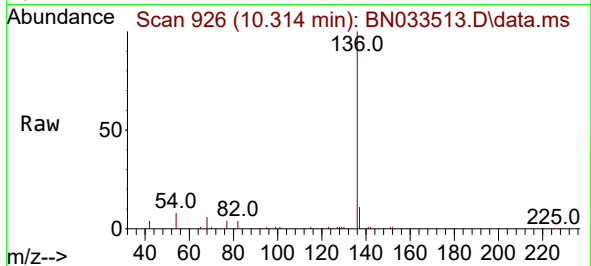




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

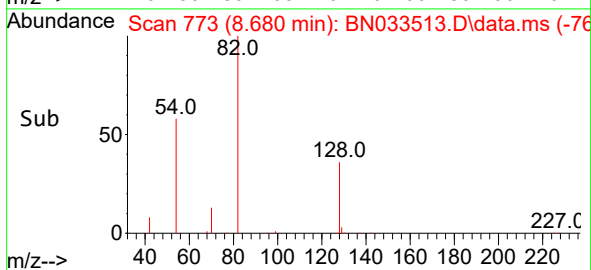
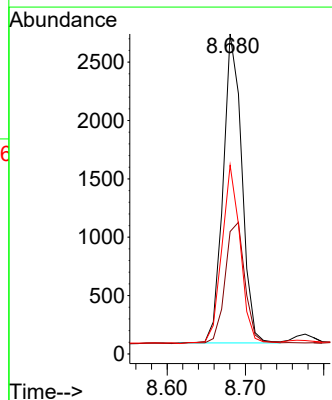
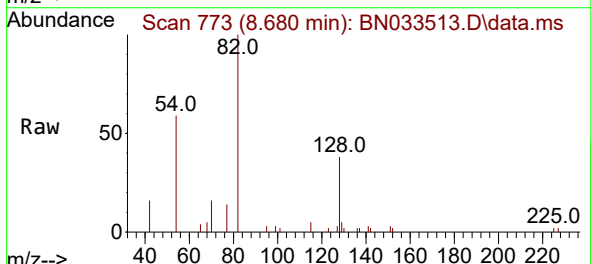
Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

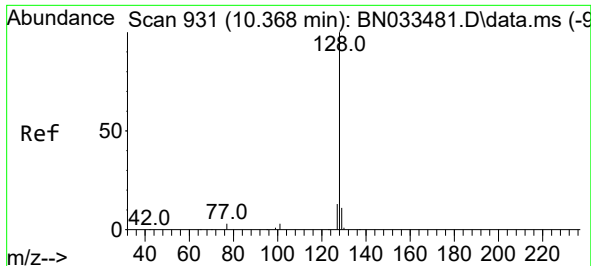
Tgt Ion:	136	Resp:	19614
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	7.6	8.3	12.5#
68	5.8	5.9	8.9#



#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.680 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:	82	Resp:	4387
Ion Ratio	Lower	Upper	
82	100		
128	38.2	36.0	54.0
54	59.0	42.0	63.0

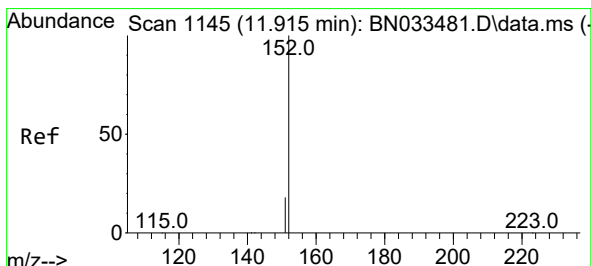
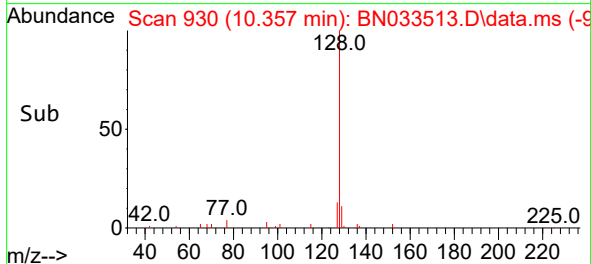
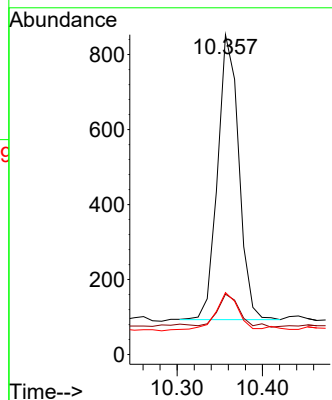
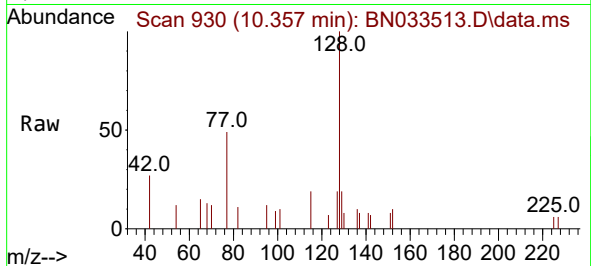




#9
Naphthalene
Concen: 0.025 ng
RT: 10.357 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

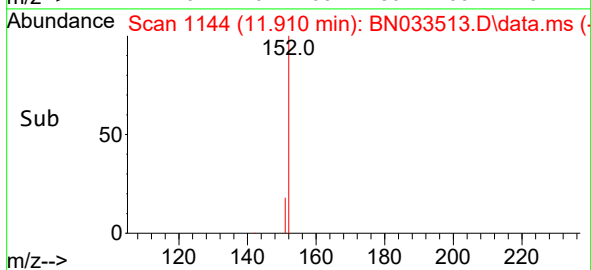
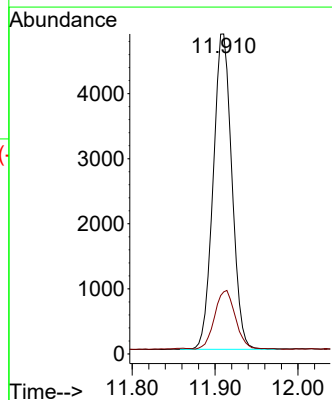
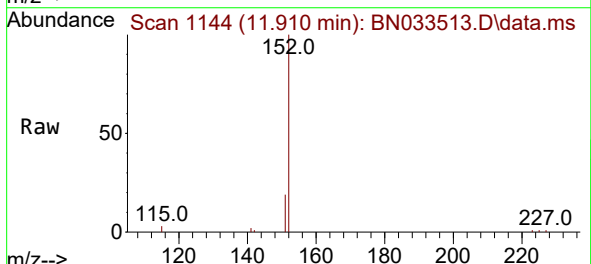
Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

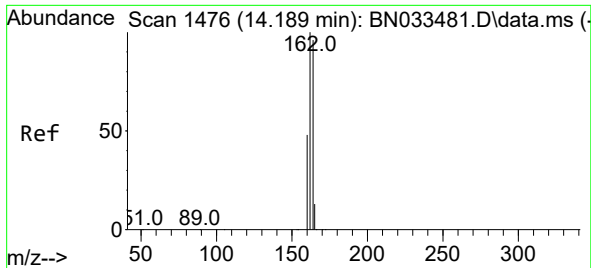
Tgt Ion:128 Resp: 1311
Ion Ratio Lower Upper
128 100
129 18.9 9.1 13.7#
127 19.3 10.7 16.1#



#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 11.910 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:152 Resp: 7589
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0

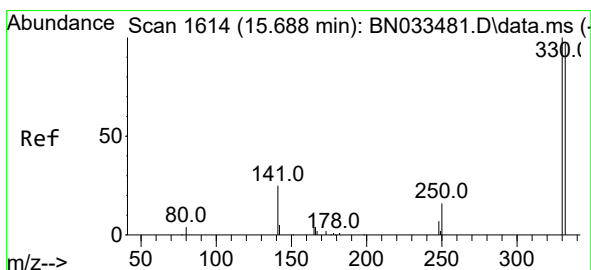
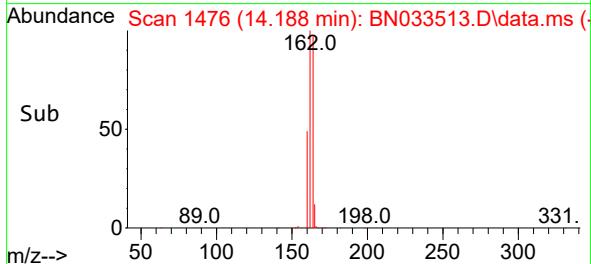
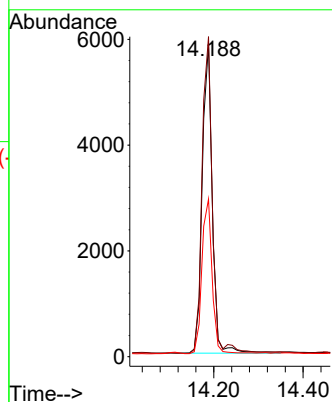
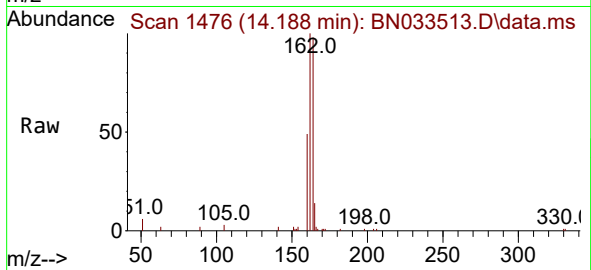




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.188 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

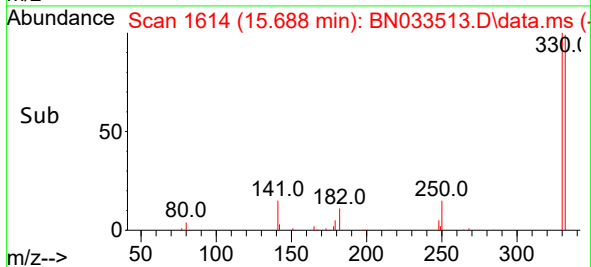
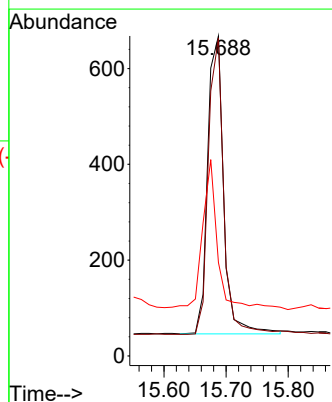
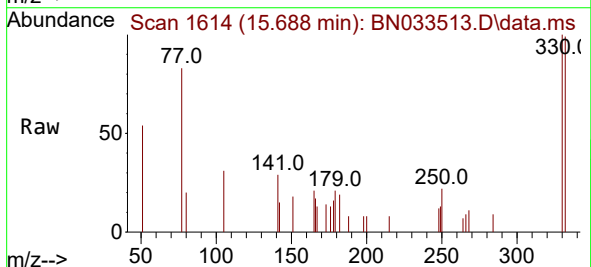
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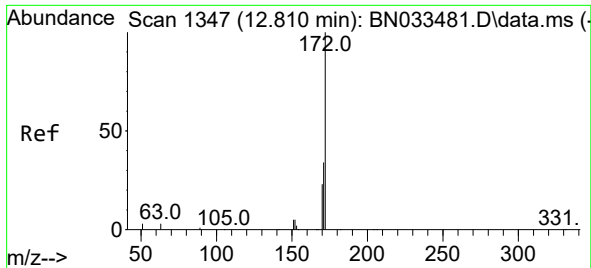
Tgt Ion:164 Resp: 9099
Ion Ratio Lower Upper
164 100
162 102.4 83.5 125.3
160 50.4 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:330 Resp: 1116
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 43.2 33.9 50.9

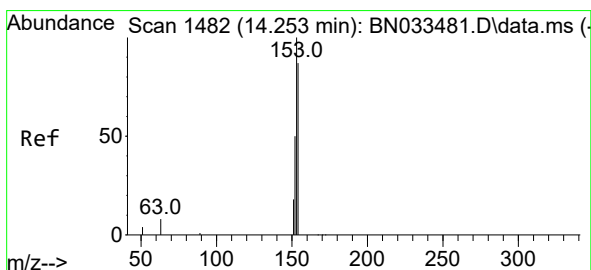
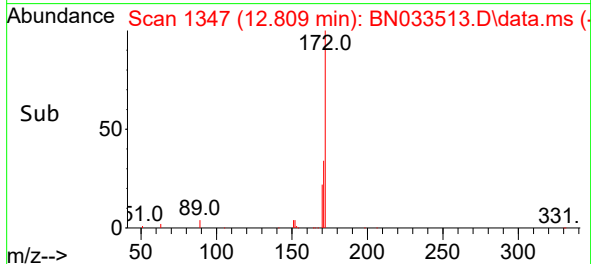
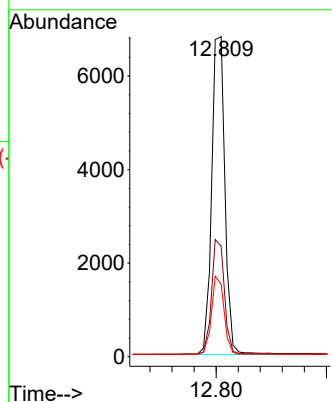
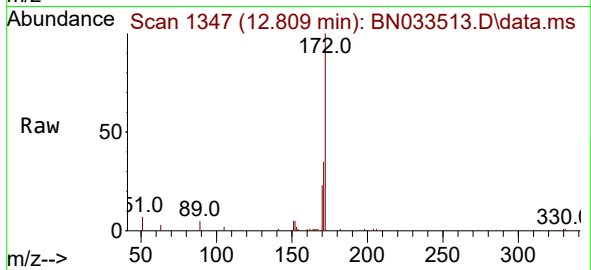




#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.809 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

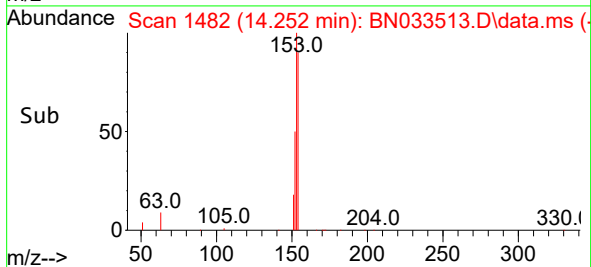
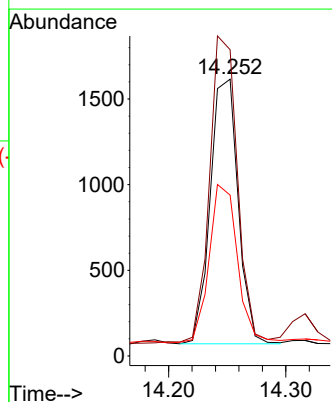
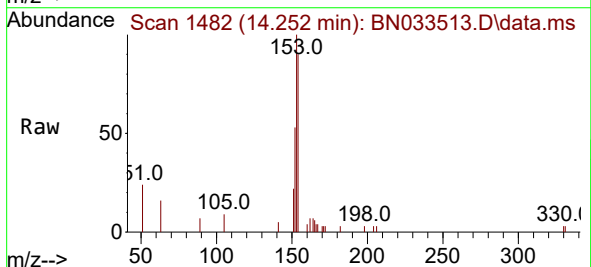
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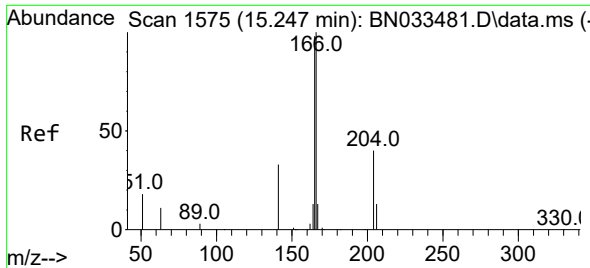
Tgt Ion:172 Resp: 11357
Ion Ratio Lower Upper
172 100
171 34.5 27.7 41.5
170 22.6 18.3 27.5



#17
Acenaphthene
Concen: 0.091 ng
RT: 14.252 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:154 Resp: 2555
Ion Ratio Lower Upper
154 100
153 115.8 89.0 133.6
152 60.5 45.2 67.8

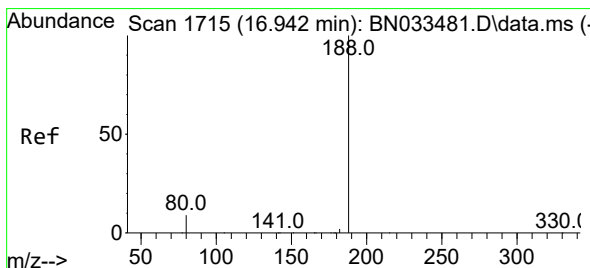
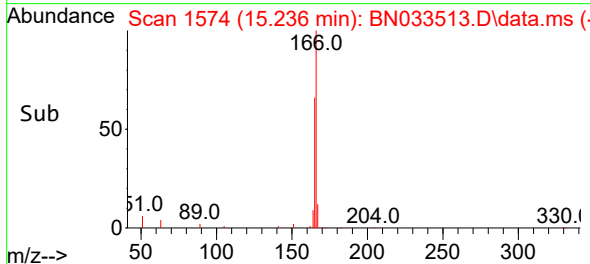
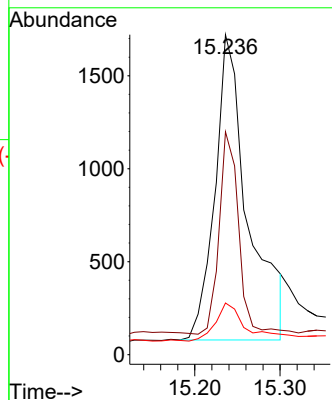
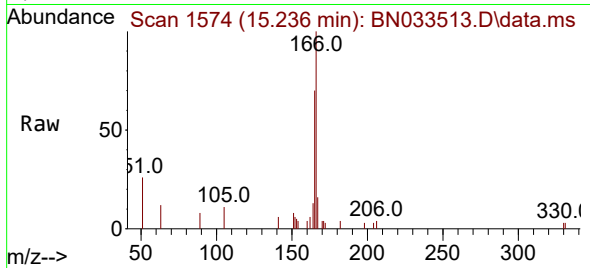




#18
Fluorene
Concen: 0.125 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.011 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

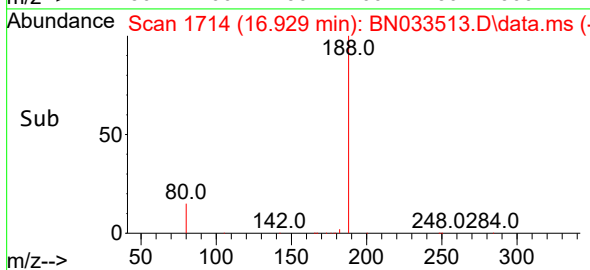
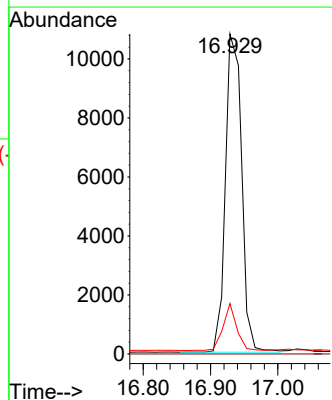
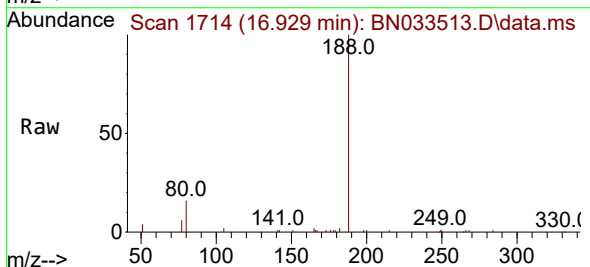
Instrument :
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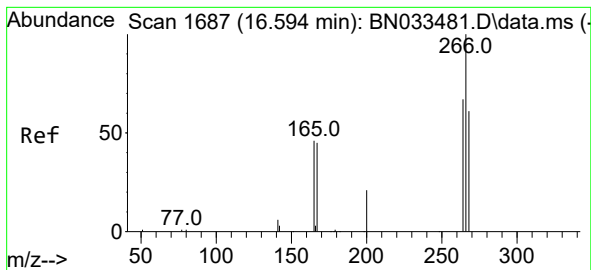
Tgt Ion:166 Resp: 4422
Ion Ratio Lower Upper
166 100
165 38.3 78.2 117.4#
167 11.4 10.6 16.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.013 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:188 Resp: 17960
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.7 7.8 11.8#





#24

Pentachlorophenol

Concen: 0.032 ng

RT: 16.594 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033513.D

Acq: 20 Aug 2024 19:28

Instrument :

BNA_N

ClientSampleId :

916-J-WS-081524

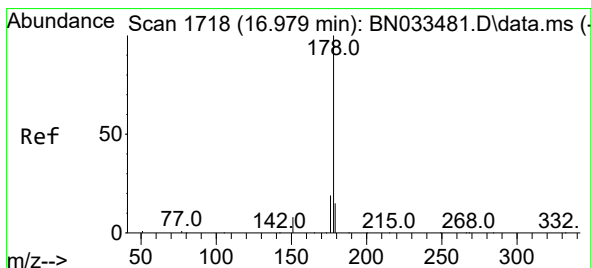
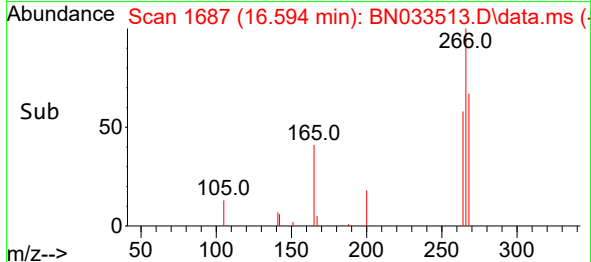
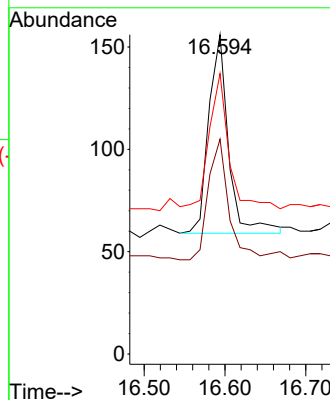
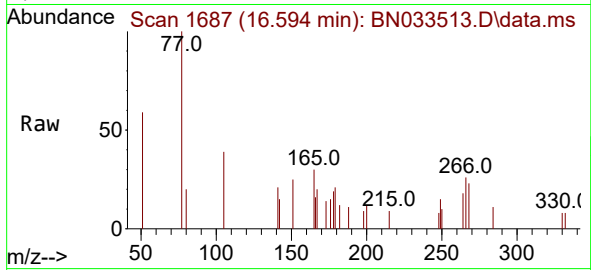
Tgt Ion:266 Resp: 165

Ion Ratio Lower Upper

266 100

264 66.1 51.9 77.9

268 68.5 51.0 76.4



#25

Phenanthrene

Concen: 0.032 ng

RT: 16.979 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BN033513.D

Acq: 20 Aug 2024 19:28

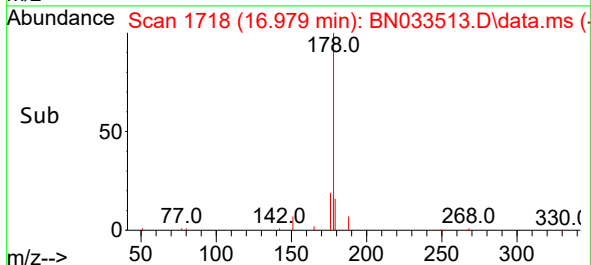
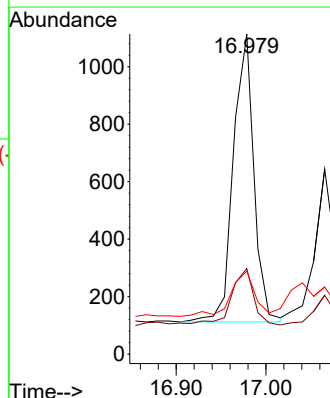
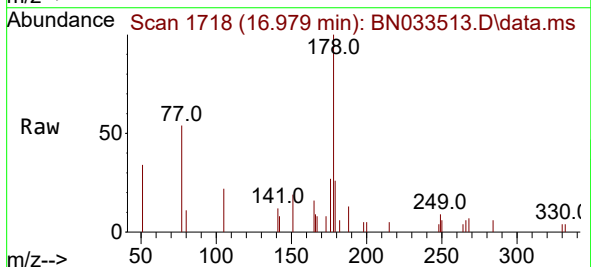
Tgt Ion:178 Resp: 1589

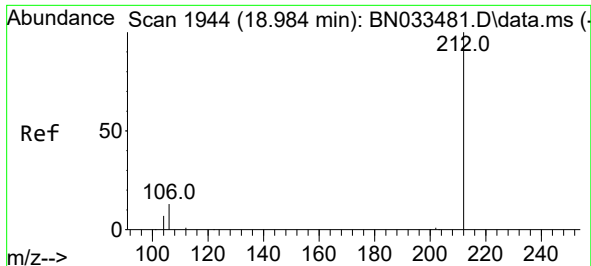
Ion Ratio Lower Upper

178 100

176 21.6 15.3 22.9

179 18.4 12.3 18.5

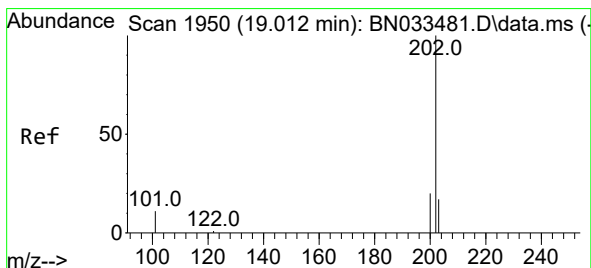
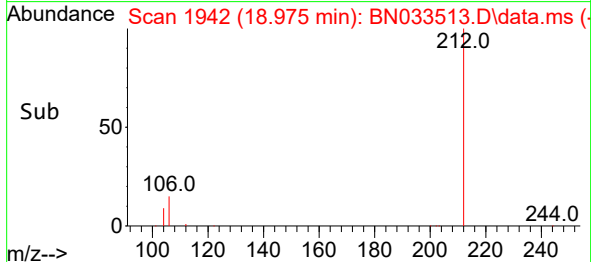
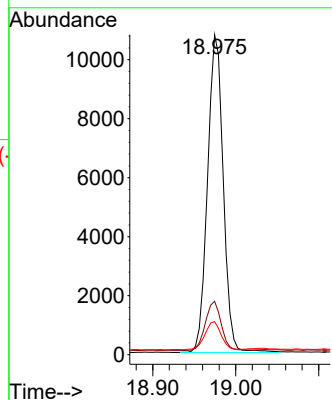
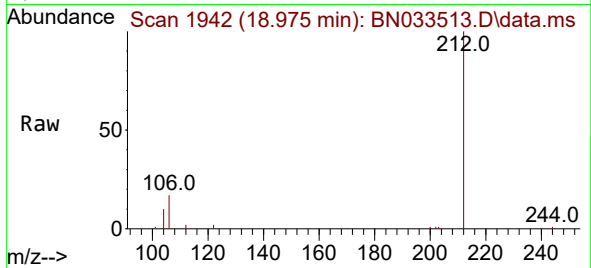




#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.010 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

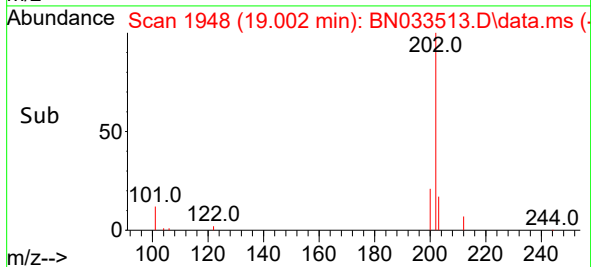
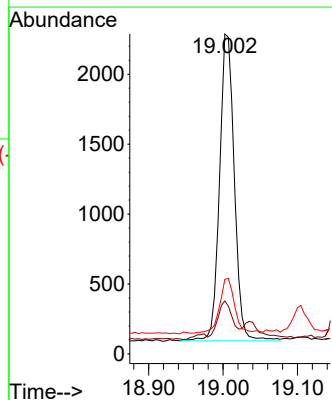
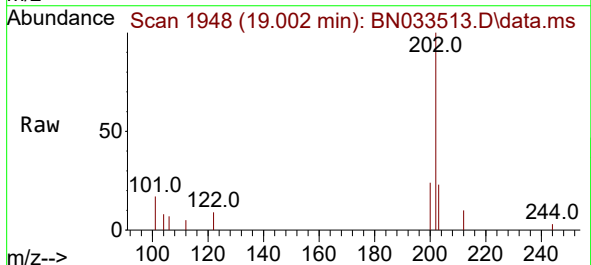
Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

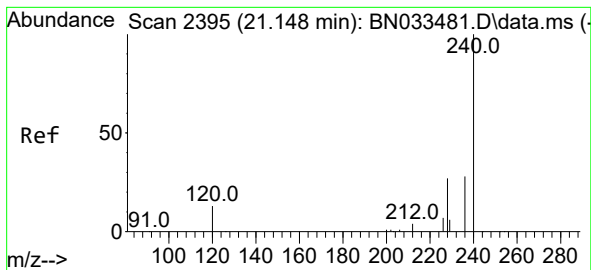
Tgt Ion:212 Resp: 14225
Ion Ratio Lower Upper
212 100
106 15.6 12.3 18.5
104 9.1 7.0 10.4



#28
Fluoranthene
Concen: 0.055 ng
RT: 19.002 min Scan# 1948
Delta R.T. -0.010 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:202 Resp: 3031
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
203 18.0 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033513.D

Acq: 20 Aug 2024 19:28

Instrument :

BNA_N

ClientSampleId :

916-J-WS-081524

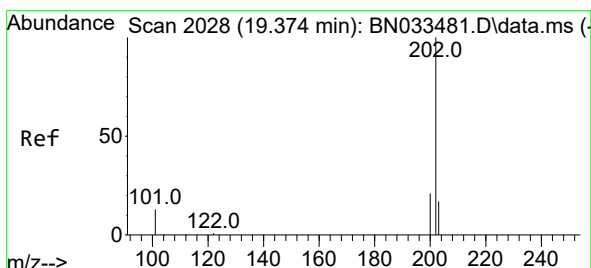
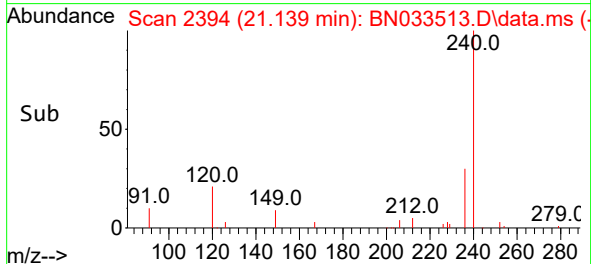
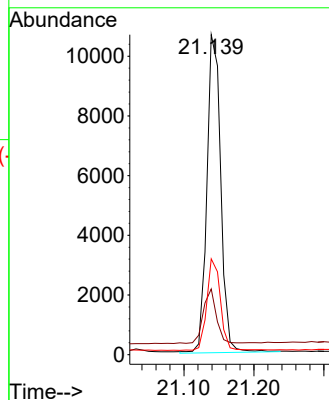
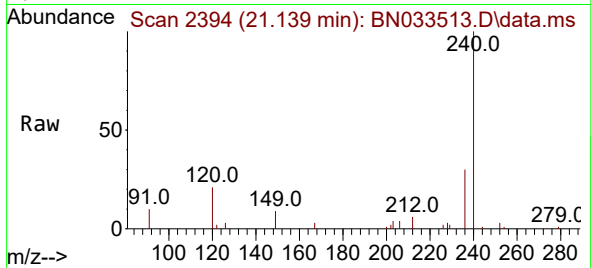
Tgt Ion:240 Resp: 14746

Ion Ratio Lower Upper

240 100

120 20.6 12.4 18.6#

236 29.9 23.0 34.6



#30

Pyrene

Concen: 0.025 ng

RT: 19.369 min Scan# 2027

Delta R.T. -0.005 min

Lab File: BN033513.D

Acq: 20 Aug 2024 19:28

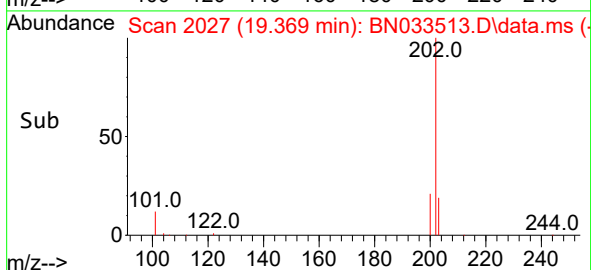
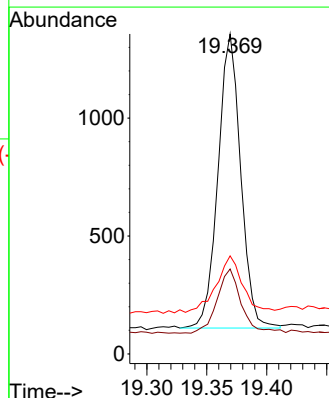
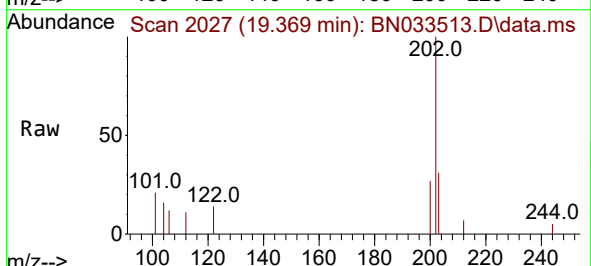
Tgt Ion:202 Resp: 1640

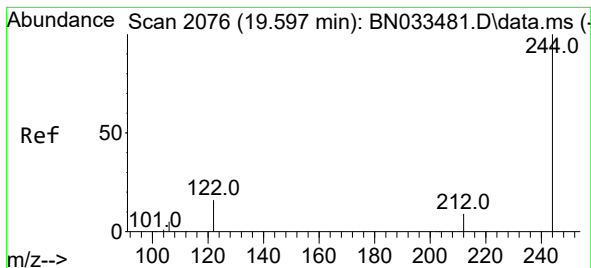
Ion Ratio Lower Upper

202 100

200 23.2 16.6 24.8

203 23.7 14.2 21.4#





#31

Terphenyl-d14

Concen: 0.293 ng

RT: 19.592 min Scan# 2076

Delta R.T. -0.005 min

Lab File: BN033513.D

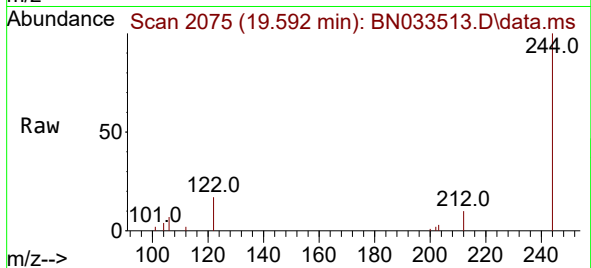
Acq: 20 Aug 2024 19:28

Instrument :

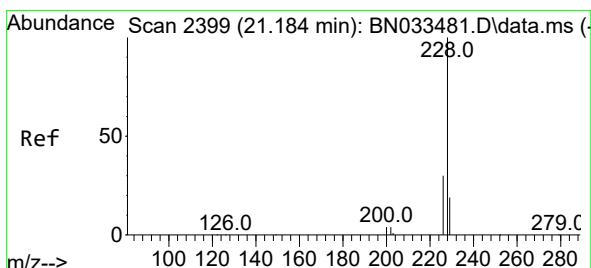
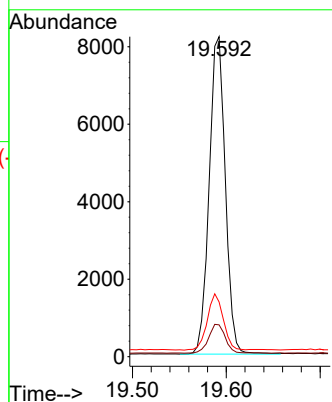
BNA_N

ClientSampleId :

916-J-WS-081524



Tgt Ion:	244	Resp:	9803
Ion Ratio	Lower	Upper	
244	100		
212	10.0	7.8	11.6
122	17.1	13.3	19.9



#33

Chrysene

Concen: 0.022 ng

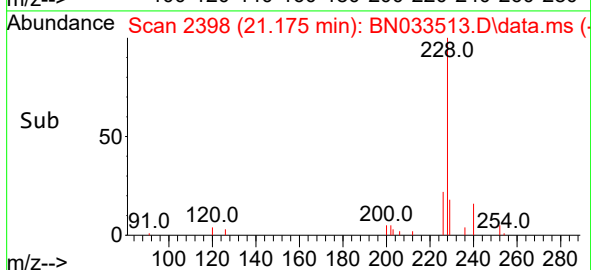
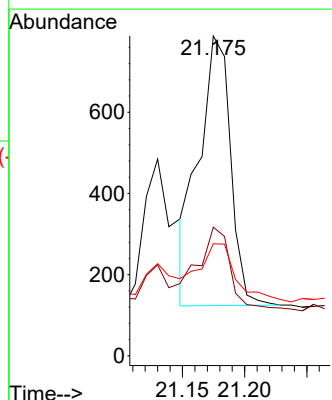
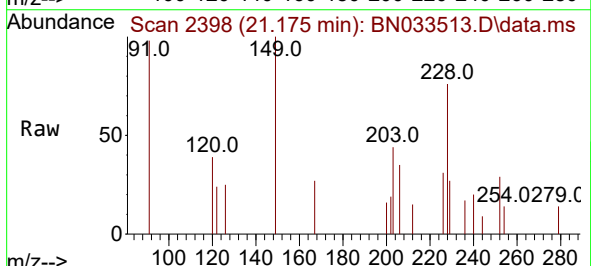
RT: 21.175 min Scan# 2398

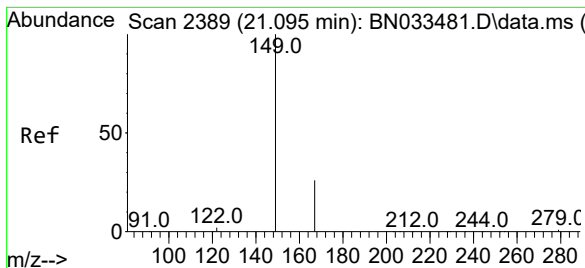
Delta R.T. -0.009 min

Lab File: BN033513.D

Acq: 20 Aug 2024 19:28

Tgt Ion:	228	Resp:	1182
Ion Ratio	Lower	Upper	
228	100		
226	40.2	23.8	35.8#
229	35.0	15.6	23.4#

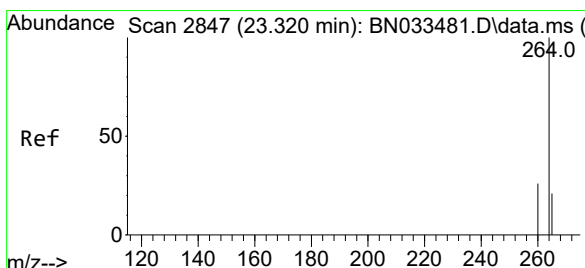
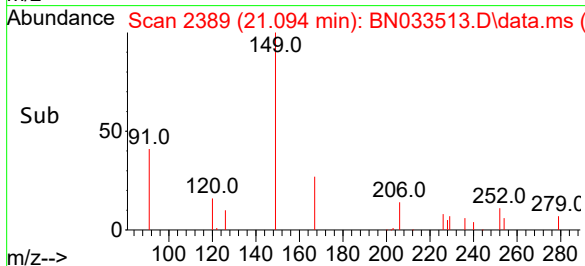
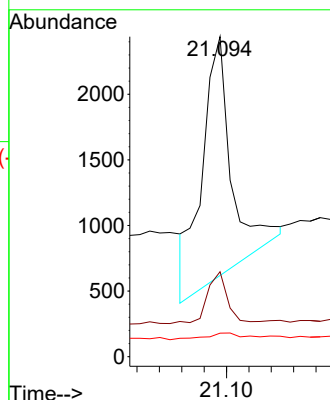
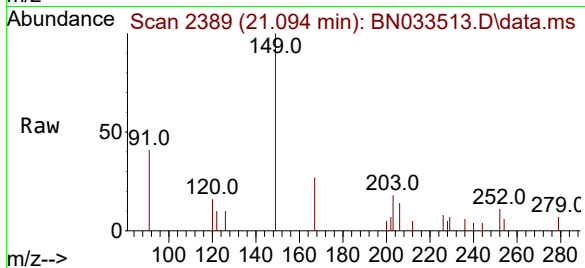




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 21.094 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion:149 Resp: 3403
Ion Ratio Lower Upper
149 100
167 18.4 21.5 32.3#
279 0.0 2.2 3.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.311 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:264 Resp: 14922
Ion Ratio Lower Upper
264 100
260 27.0 20.8 31.2
265 64.6 52.2 78.2

