

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033514.D
 Acq On : 20 Aug 2024 20:04
 Operator : MA/JU
 Sample : P3646-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 916-J-WPO-0.25-081524

Quant Time: Aug 20 23:22:08 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)

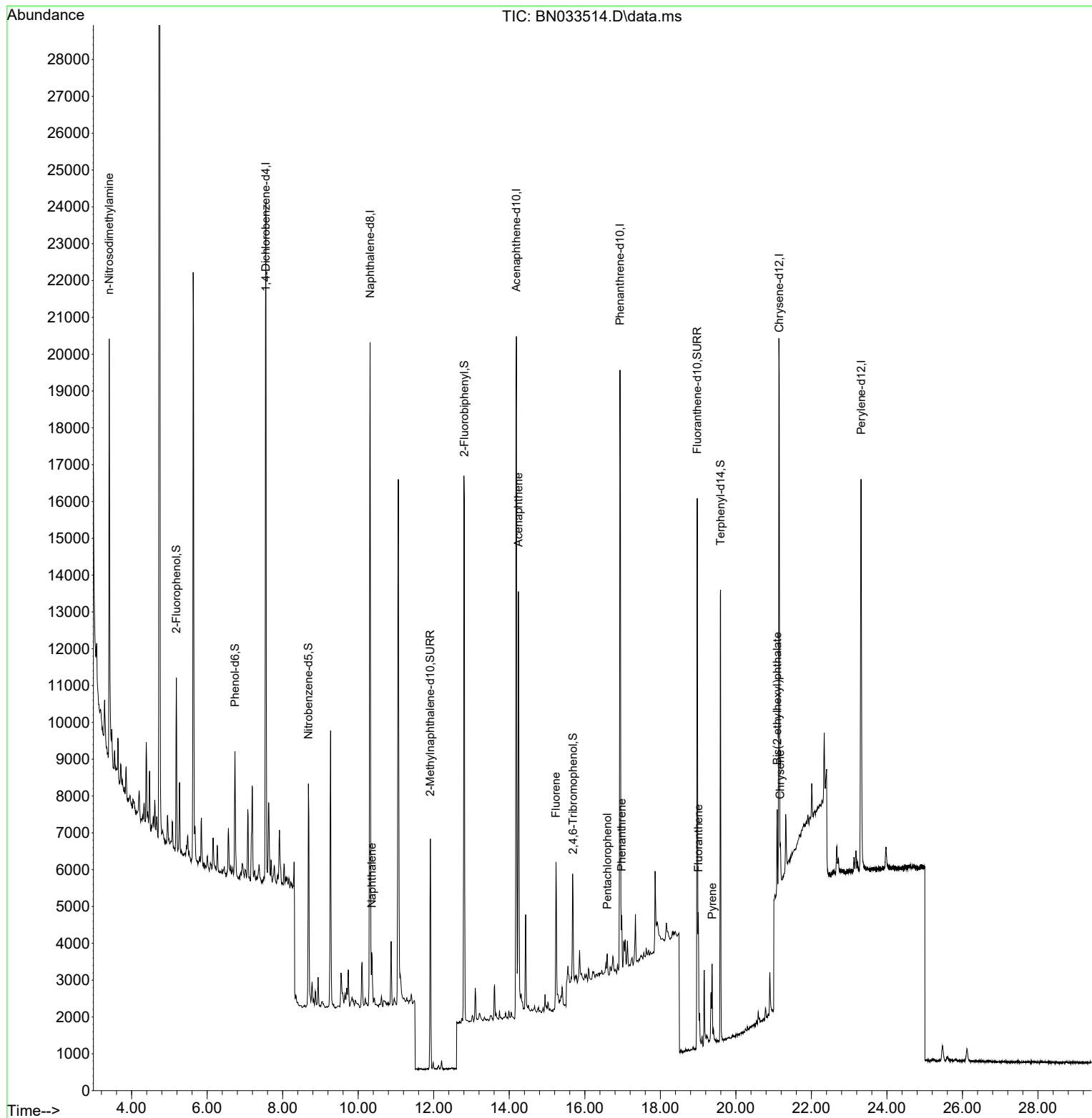
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	8482	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	22740	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	11052	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	22302	0.400	ng	#-0.01
29) Chrysene-d12	21.148	240	14089	0.400	ng	# 0.00
35) Perylene-d12	23.315	264	13411	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3340	0.124	ng	0.00
5) Phenol-d6	6.736	99	2750	0.086	ng	0.00
8) Nitrobenzene-d5	8.681	82	4680	0.248	ng	-0.01
11) 2-Methylnaphthalene-d10	11.907	152	8410	0.259	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1436	0.242	ng	0.00
15) 2-Fluorobiphenyl	12.810	172	13608	0.301	ng	0.00
27) Fluoranthene-d10	18.975	212	15848	0.296	ng	0.00
31) Terphenyl-d14	19.593	244	10852	0.339	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.407	42	2272	0.200	ng	# 1
9) Naphthalene	10.357	128	1717	0.028	ng	# 86
17) Acenaphthene	14.242	154	3641	0.107	ng	95
18) Fluorene	15.236	166	3839	0.089	ng	# 63
24) Pentachlorophenol	16.594	266	287	0.044	ng	96
25) Phenanthrene	16.979	178	1465	0.024	ng	# 92
28) Fluoranthene	19.007	202	3177	0.046	ng	99
30) Pyrene	19.370	202	1792	0.028	ng	# 95
33) Chrysene	21.175	228	1161	0.023	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.095	149	2379	0.074	ng	94

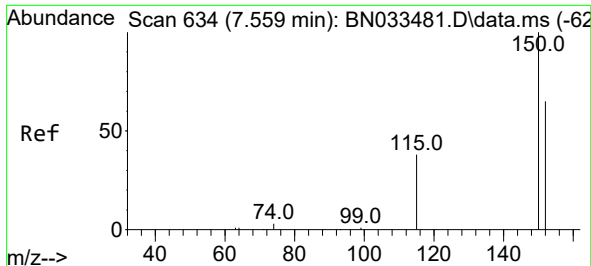
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
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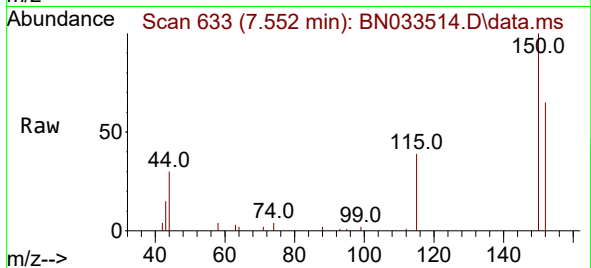
Quant Time: Aug 20 23:22:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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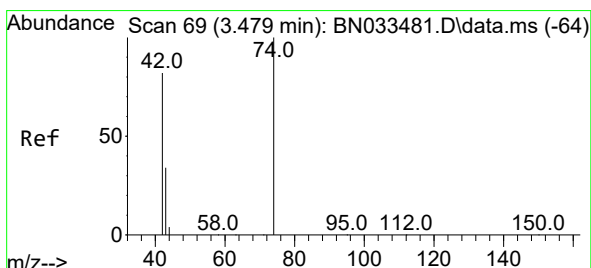
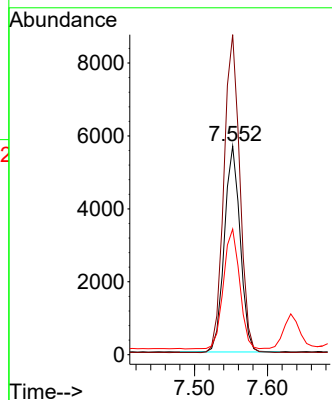
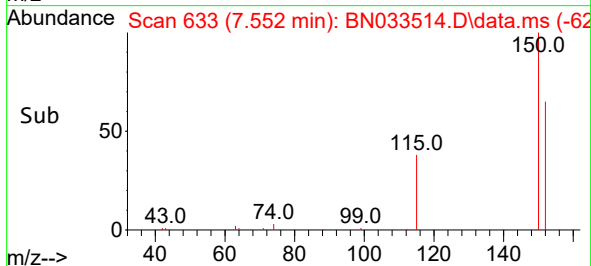


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033514.D
Acq: 20 Aug 2024 20:04

Instrument :
BNA_N
ClientSampleId :
916-J-WPO-0.25-081524

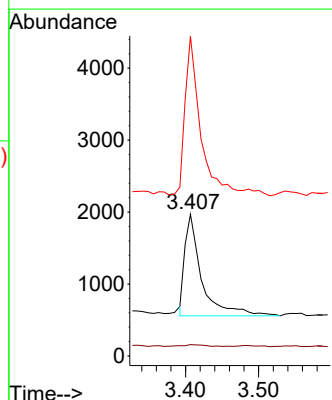
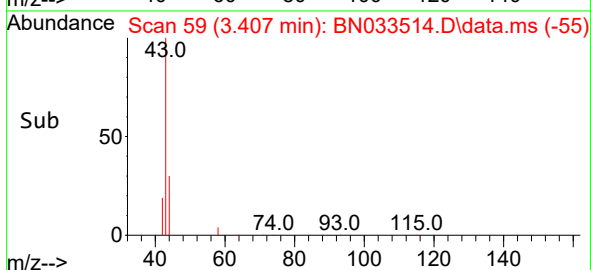
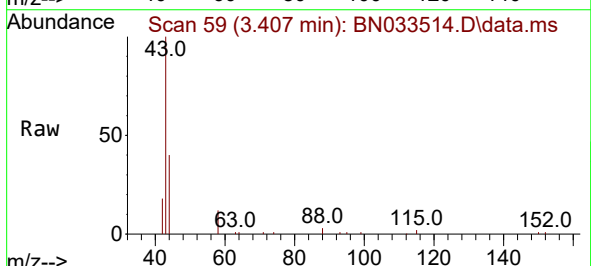


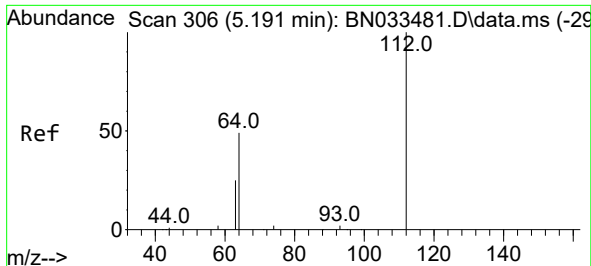
Tgt Ion:152 Resp: 8482
Ion Ratio Lower Upper
152 100
150 153.4 122.2 183.2
115 60.2 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.200 ng
RT: 3.407 min Scan# 59
Delta R.T. -0.072 min
Lab File: BN033514.D
Acq: 20 Aug 2024 20:04

Tgt Ion: 42 Resp: 2272
Ion Ratio Lower Upper
42 100
74 1.6 100.2 150.2#
44 124.4 5.3 7.9#

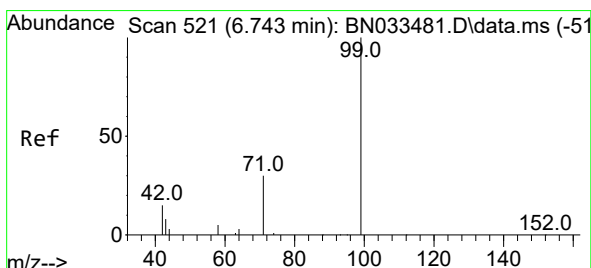
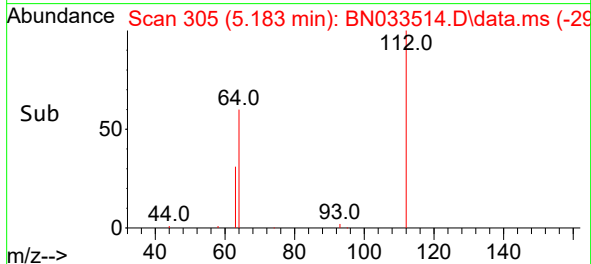
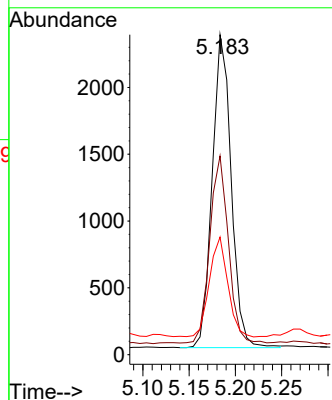
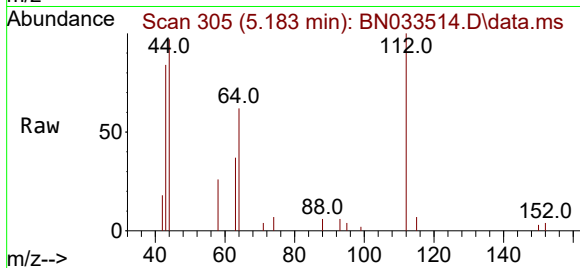




#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033514.D
Acq: 20 Aug 2024 20:04

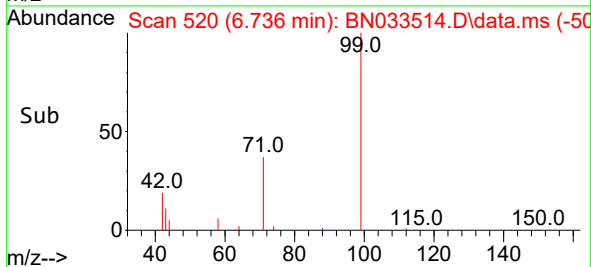
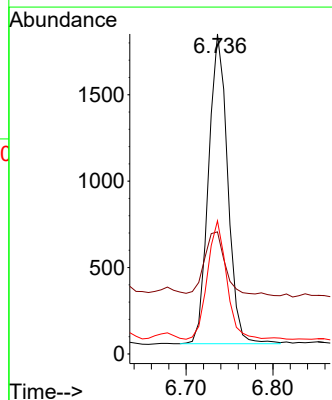
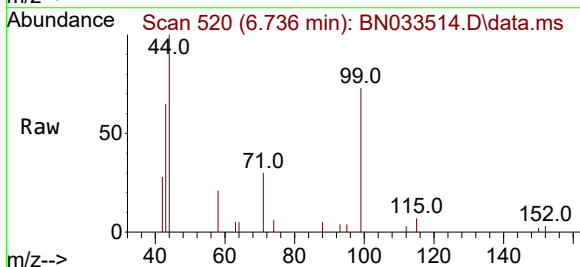
Instrument :
BNA_N
ClientSampleId :
916-J-WPO-0.25-081524

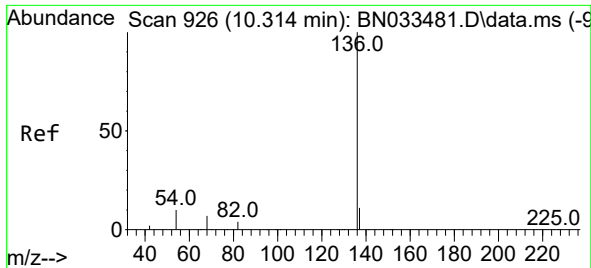
Tgt Ion:112 Resp: 3340
Ion Ratio Lower Upper
112 100
64 58.5 47.1 70.7
63 30.7 24.9 37.3



#5
Phenol-d6
Concen: 0.086 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033514.D
Acq: 20 Aug 2024 20:04

Tgt Ion: 99 Resp: 2750
Ion Ratio Lower Upper
99 100
42 22.8 16.6 24.8
71 38.3 26.2 39.4

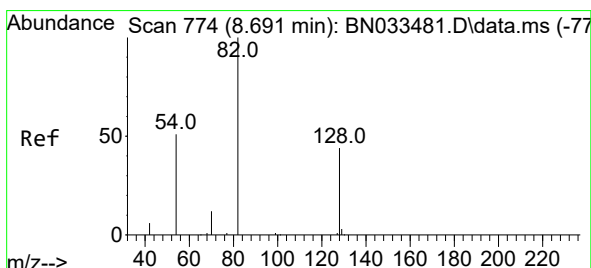
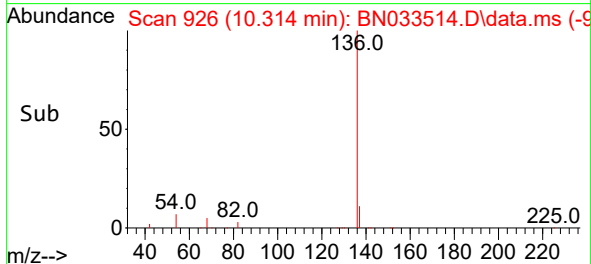
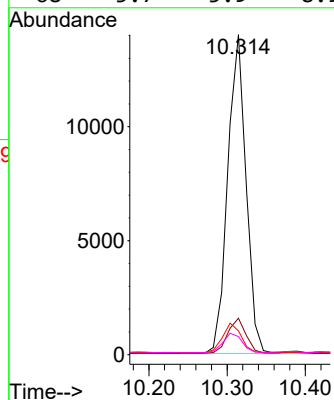
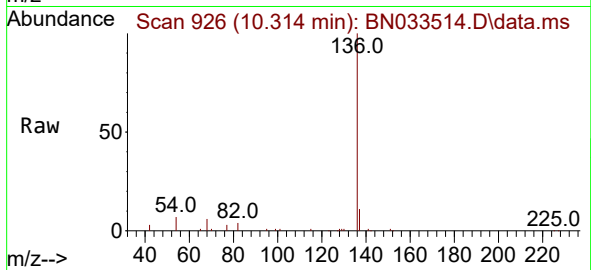




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN033514.D
Acq: 20 Aug 2024 20:04

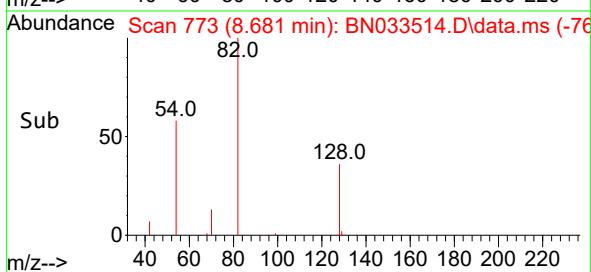
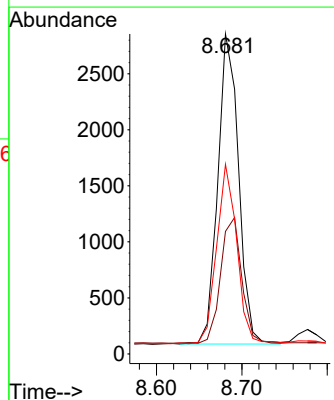
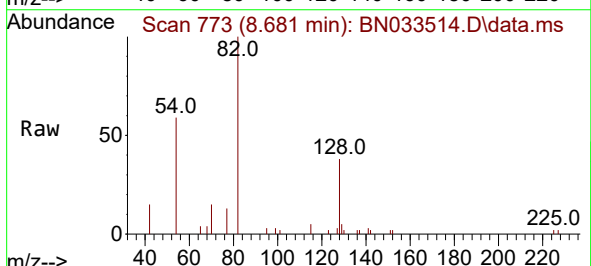
Instrument :
BNA_N
ClientSampleId :
916-J-WPO-0.25-081524

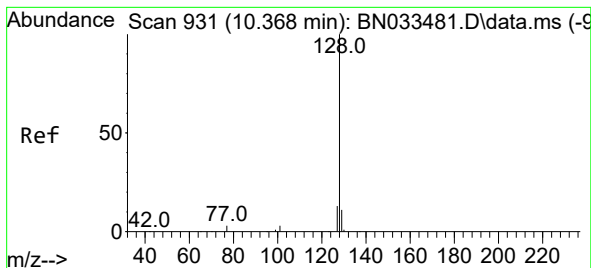
Tgt Ion:	136	Resp:	22740
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	7.5	8.3	12.5#
68	5.7	5.9	8.9#



#8
Nitrobenzene-d5
Concen: 0.248 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033514.D
Acq: 20 Aug 2024 20:04

Tgt Ion:	82	Resp:	4680
Ion	Ratio	Lower	Upper
82	100		
128	38.3	36.0	54.0
54	59.3	42.0	63.0





#9

Naphthalene

Concen: 0.028 ng

RT: 10.357 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN033514.D

Acq: 20 Aug 2024 20:04

Instrument :

BNA_N

ClientSampleId :

916-J-WPO-0.25-081524

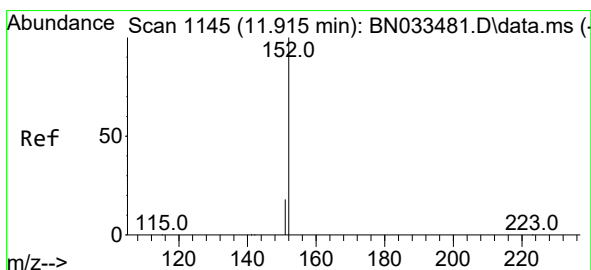
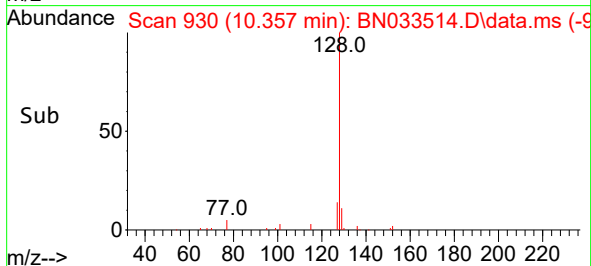
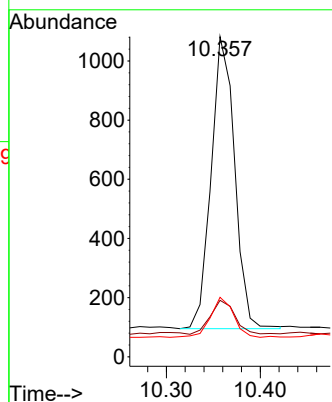
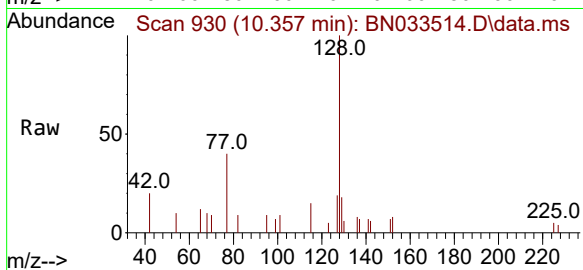
Tgt Ion:128 Resp: 1717

Ion Ratio Lower Upper

128 100

129 17.7 9.1 13.7#

127 18.6 10.7 16.1#



#11

2-Methylnaphthalene-d10

Concen: 0.259 ng

RT: 11.907 min Scan# 1143

Delta R.T. -0.008 min

Lab File: BN033514.D

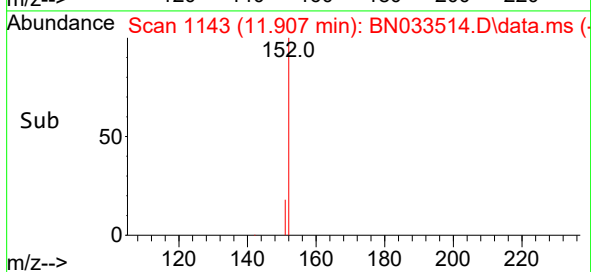
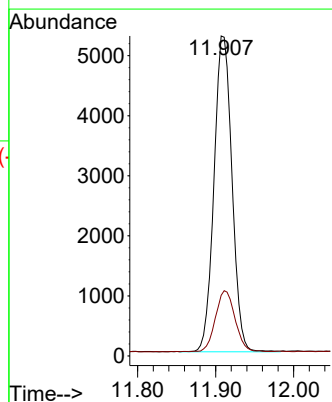
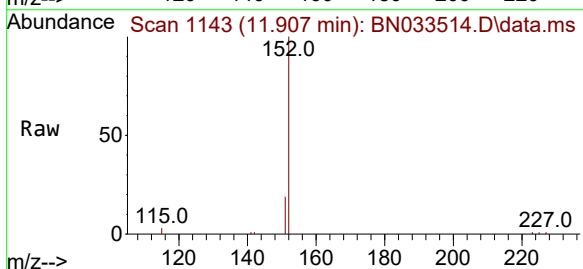
Acq: 20 Aug 2024 20:04

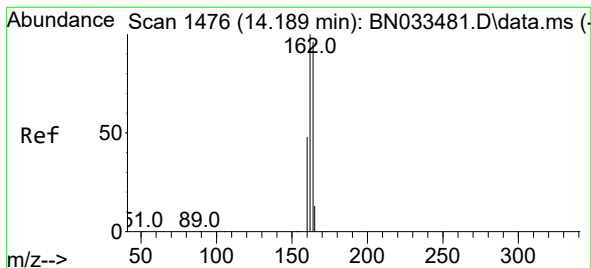
Tgt Ion:152 Resp: 8410

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.189 min Scan# 1476

Delta R.T. 0.000 min

Lab File: BN033514.D

Acq: 20 Aug 2024 20:04

Instrument :

BNA_N

ClientSampleId :

916-J-WPO-0.25-081524

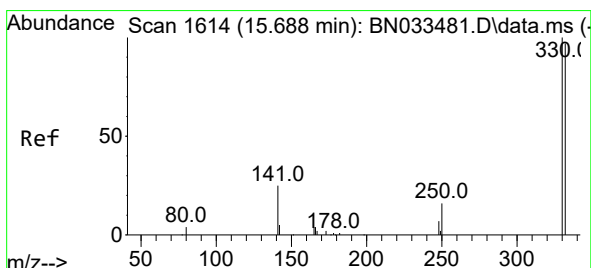
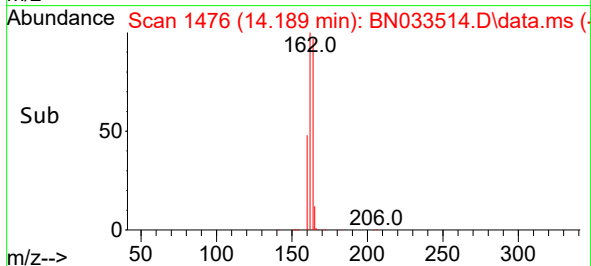
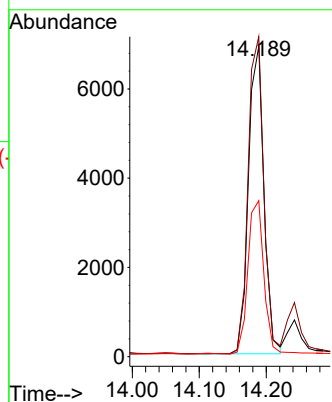
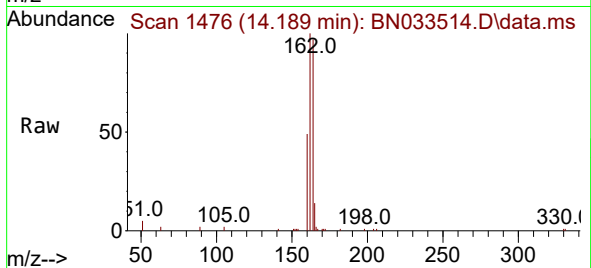
Tgt Ion:164 Resp: 11052

Ion Ratio Lower Upper

164 100

162 103.1 83.5 125.3

160 50.3 40.2 60.4



#14

2,4,6-Tribromophenol

Concen: 0.242 ng

RT: 15.688 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BN033514.D

Acq: 20 Aug 2024 20:04

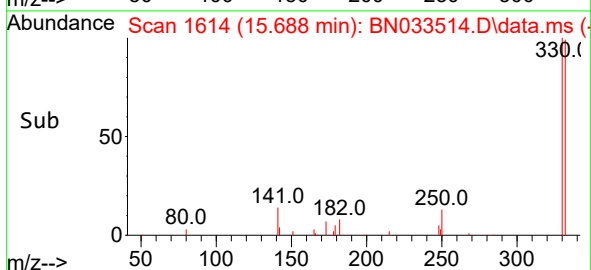
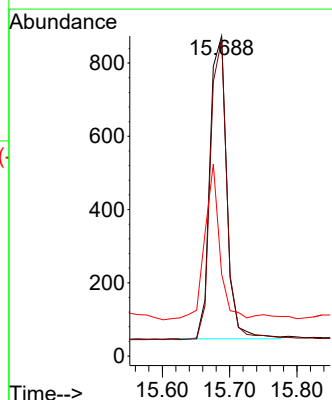
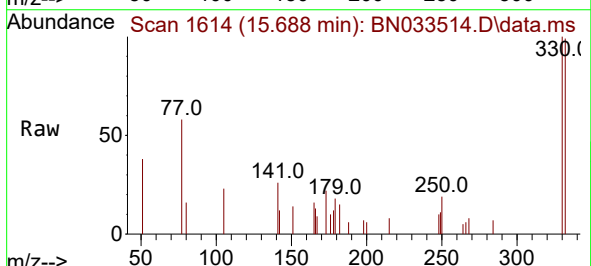
Tgt Ion:330 Resp: 1436

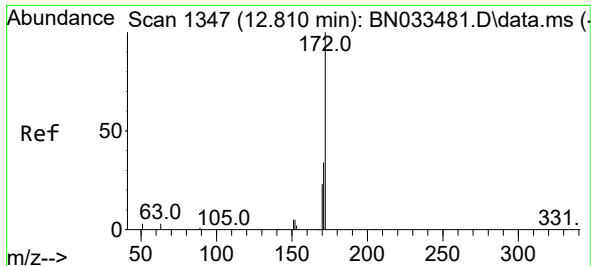
Ion Ratio Lower Upper

330 100

332 97.4 77.5 116.3

141 44.3 33.9 50.9

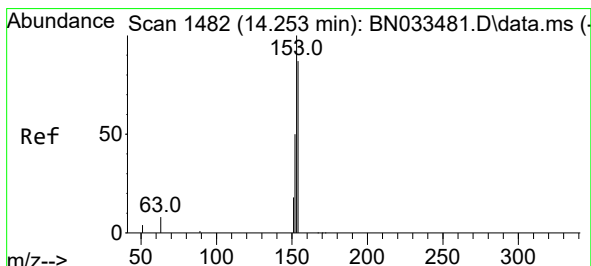
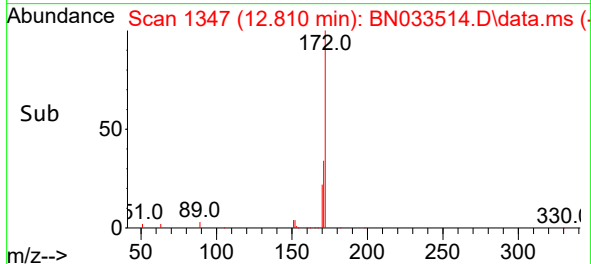
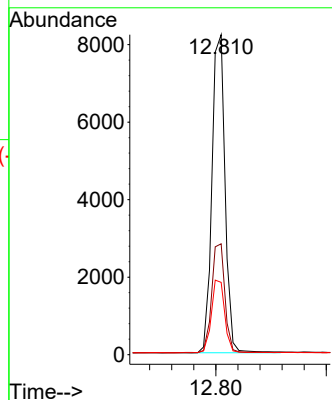
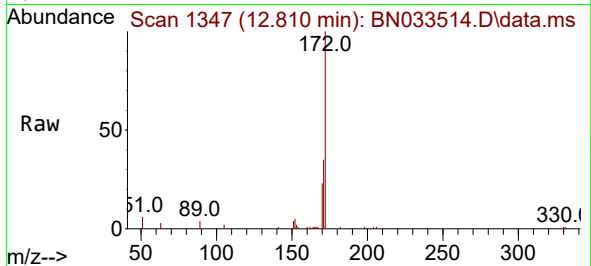




#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 12.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033514.D
Acq: 20 Aug 2024 20:04

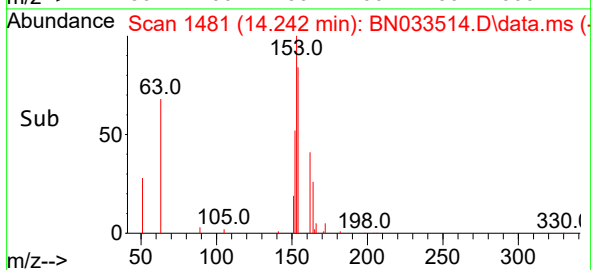
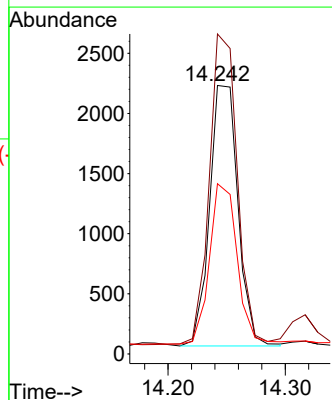
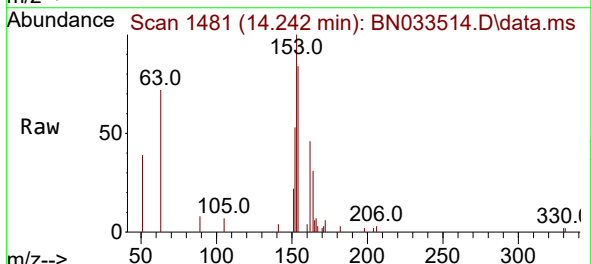
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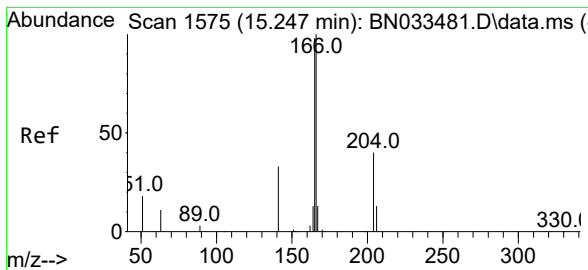
Tgt Ion:172	Resp:	13608
Ion Ratio	Lower	Upper
172	100	
171	34.6	27.7 41.5
170	22.6	18.3 27.5



#17
Acenaphthene
Concen: 0.107 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.011 min
Lab File: BN033514.D
Acq: 20 Aug 2024 20:04

Tgt Ion:154	Resp:	3641
Ion Ratio	Lower	Upper
154	100	
153	117.2	89.0 133.6
152	60.1	45.2 67.8





#18

Fluorene

Concen: 0.089 ng

RT: 15.236 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN033514.D

Acq: 20 Aug 2024 20:04

Instrument :

BNA_N

ClientSampleId :

916-J-WPO-0.25-081524

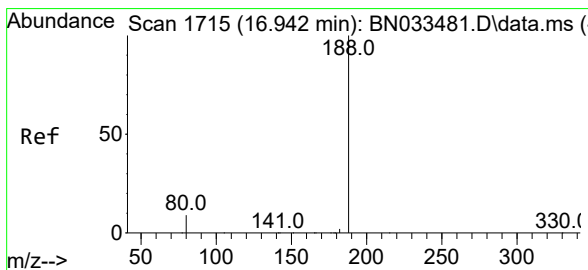
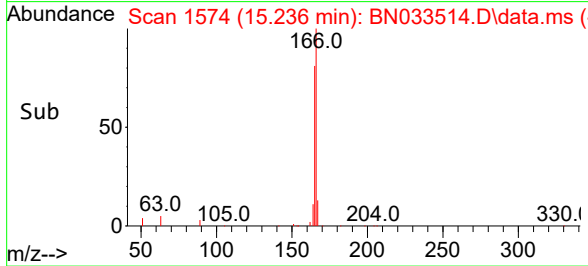
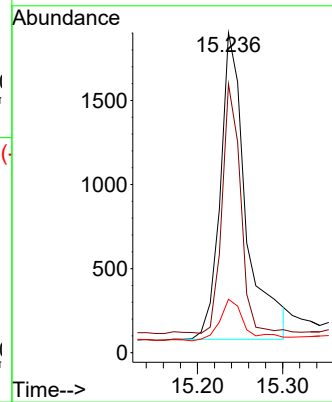
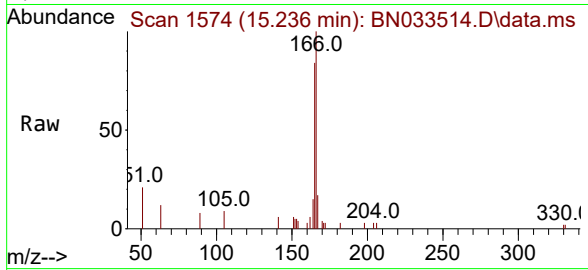
Tgt Ion:166 Resp: 3839

Ion Ratio Lower Upper

166 100

165 56.7 78.2 117.4#

167 13.3 10.6 16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BN033514.D

Acq: 20 Aug 2024 20:04

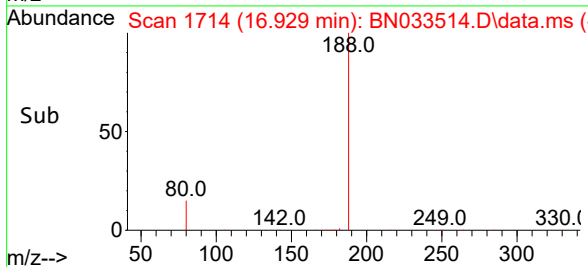
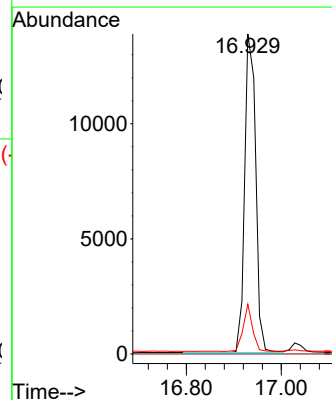
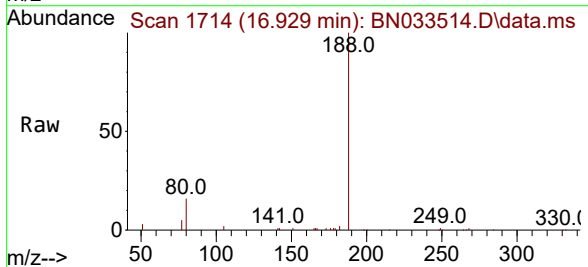
Tgt Ion:188 Resp: 22302

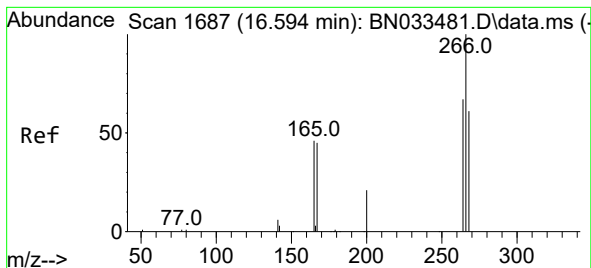
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.6 7.8 11.8#





#24

Pentachlorophenol

Concen: 0.044 ng

RT: 16.594 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BN033514.D

Acq: 20 Aug 2024 20:04

Instrument :

BNA_N

ClientSampleId :

916-J-WPO-0.25-081524

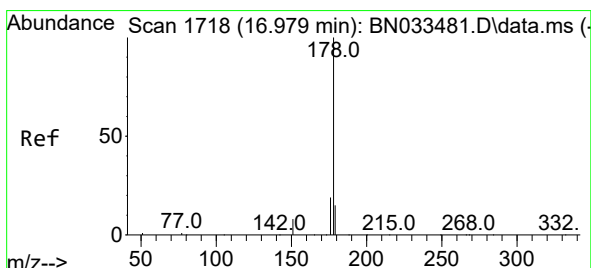
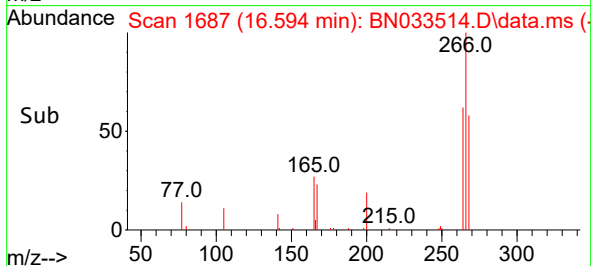
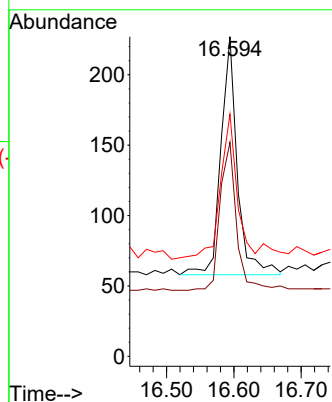
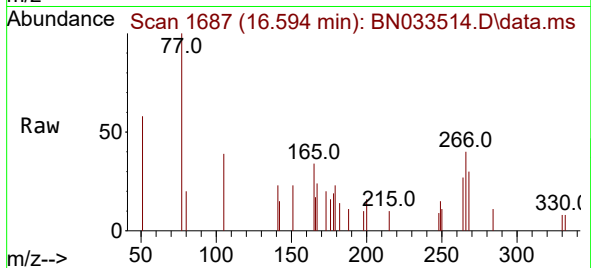
Tgt Ion:266 Resp: 287

Ion Ratio Lower Upper

266 100

264 62.4 51.9 77.9

268 59.2 51.0 76.4



#25

Phenanthrene

Concen: 0.024 ng

RT: 16.979 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BN033514.D

Acq: 20 Aug 2024 20:04

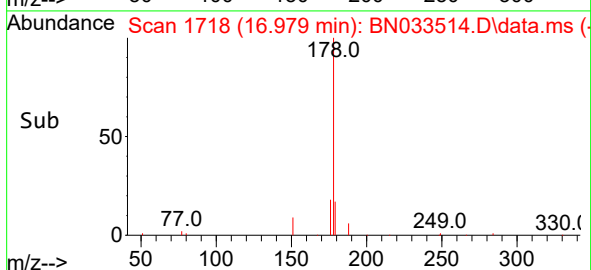
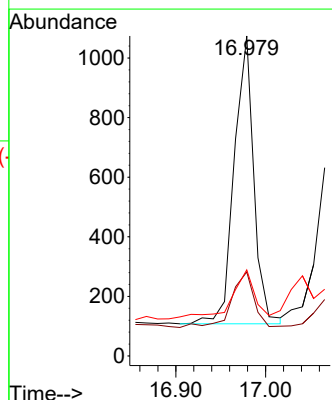
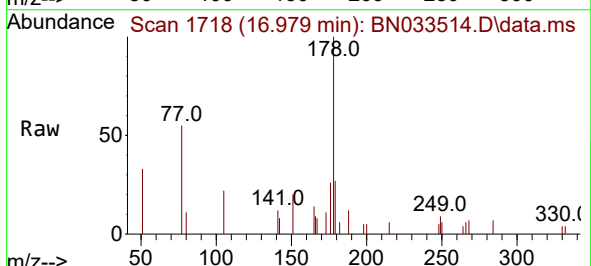
Tgt Ion:178 Resp: 1465

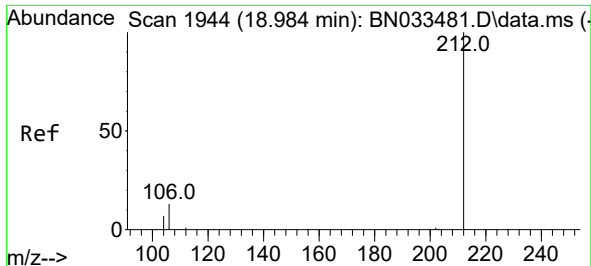
Ion Ratio Lower Upper

178 100

176 22.0 15.3 22.9

179 20.0 12.3 18.5#

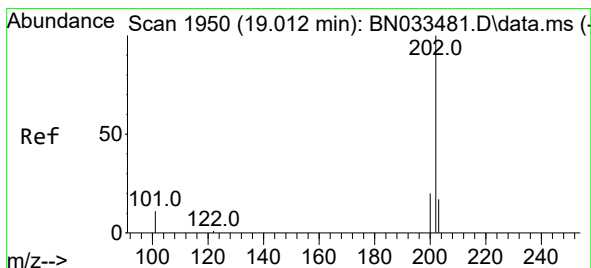
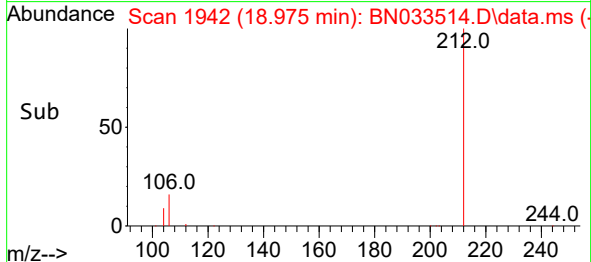
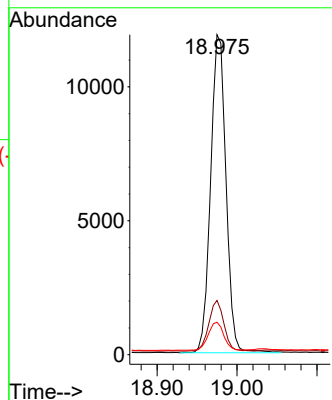
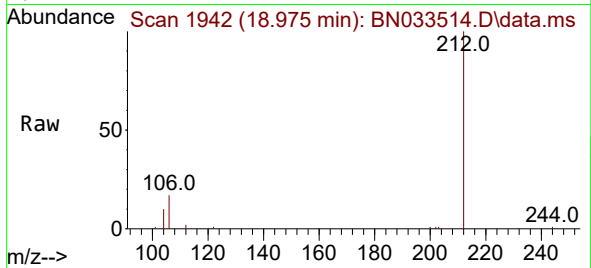




#27
Fluoranthene-d10
Concen: 0.296 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.009 min
Lab File: BN033514.D
Acq: 20 Aug 2024 20:04

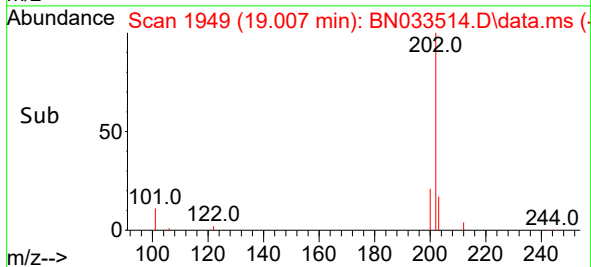
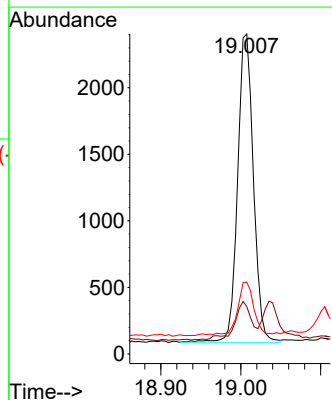
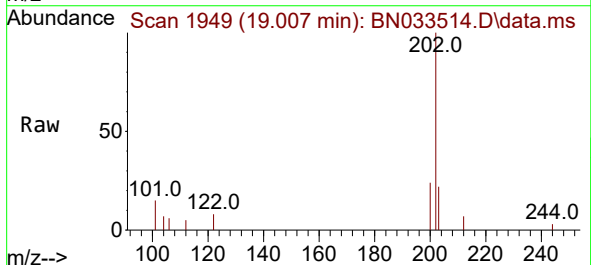
Instrument :
BNA_N
ClientSampleId :
916-J-WPO-0.25-081524

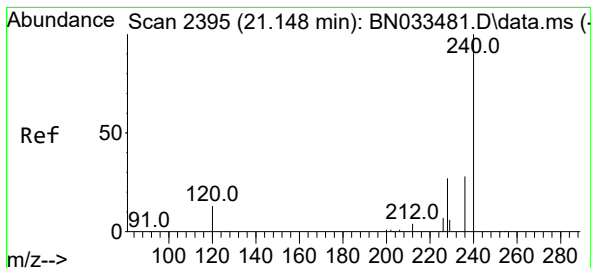
Tgt Ion:212 Resp: 15848
Ion Ratio Lower Upper
212 100
106 15.5 12.3 18.5
104 9.0 7.0 10.4



#28
Fluoranthene
Concen: 0.046 ng
RT: 19.007 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN033514.D
Acq: 20 Aug 2024 20:04

Tgt Ion:202 Resp: 3177
Ion Ratio Lower Upper
202 100
101 11.6 9.5 14.3
203 16.7 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.148 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN033514.D

Acq: 20 Aug 2024 20:04

Instrument :

BNA_N

ClientSampleId :

916-J-WPO-0.25-081524

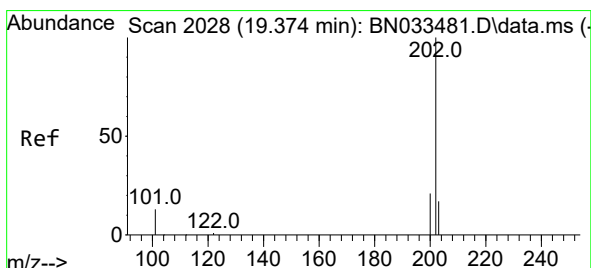
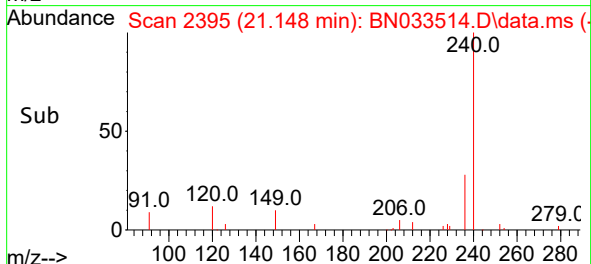
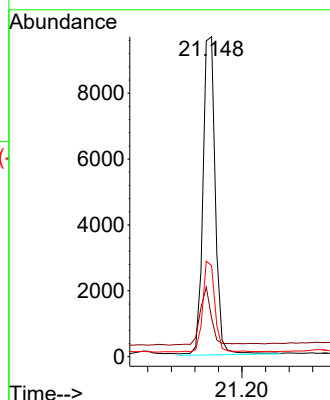
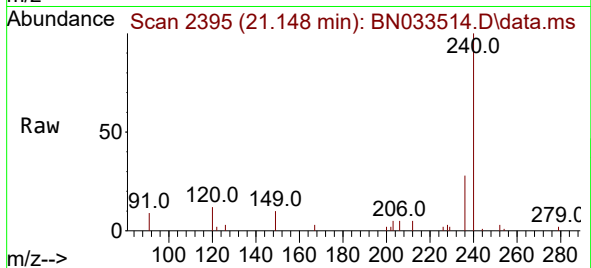
Tgt Ion:240 Resp: 14089

Ion Ratio Lower Upper

240 100

120 12.1 12.4 18.6#

236 28.5 23.0 34.6



#30

Pyrene

Concen: 0.028 ng

RT: 19.370 min Scan# 2027

Delta R.T. -0.005 min

Lab File: BN033514.D

Acq: 20 Aug 2024 20:04

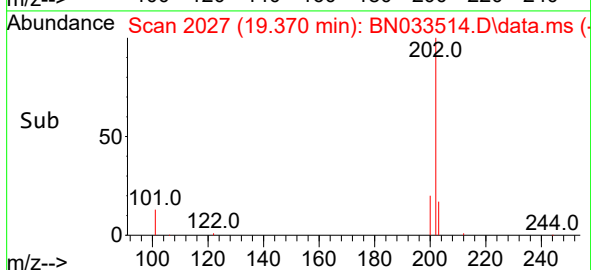
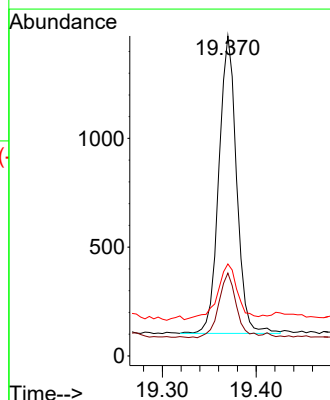
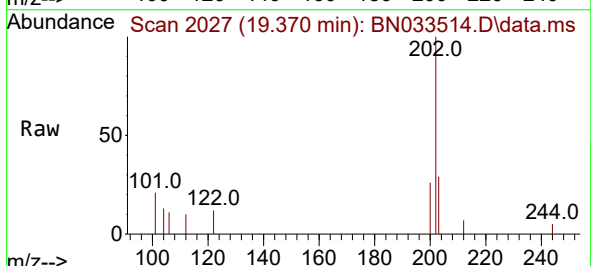
Tgt Ion:202 Resp: 1792

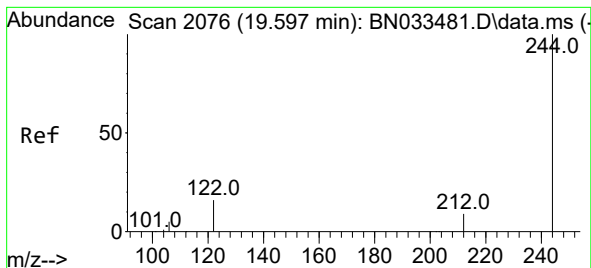
Ion Ratio Lower Upper

202 100

200 21.4 16.6 24.8

203 21.5 14.2 21.4#





#31

Terphenyl-d14

Concen: 0.339 ng

RT: 19.593 min Scan# 2076

Delta R.T. -0.005 min

Lab File: BN033514.D

Acq: 20 Aug 2024 20:04

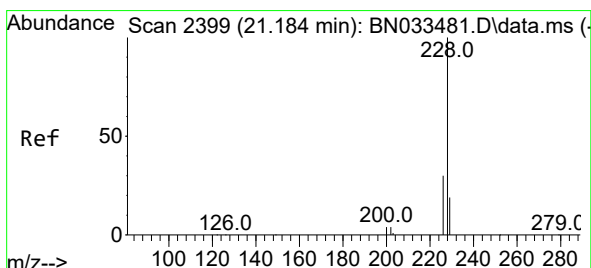
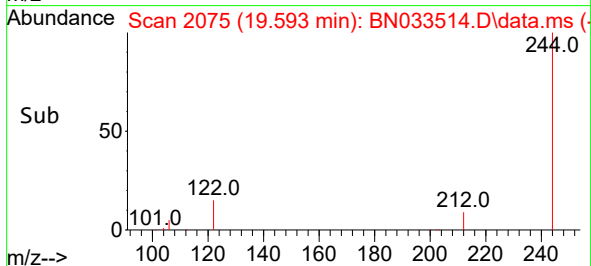
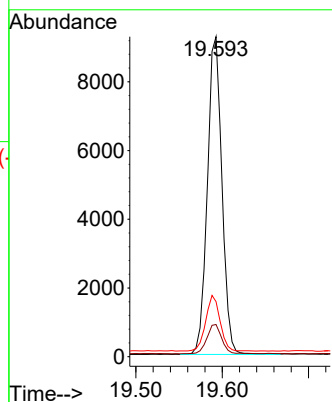
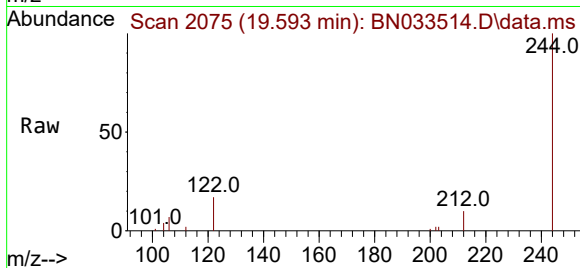
Instrument :

BNA_N

ClientSampleId :

916-J-WPO-0.25-081524

Tgt Ion:244	Resp:	10852
Ion Ratio	Lower	Upper
244	100	
212	10.1	7.8 11.6
122	17.2	13.3 19.9



#33

Chrysene

Concen: 0.023 ng

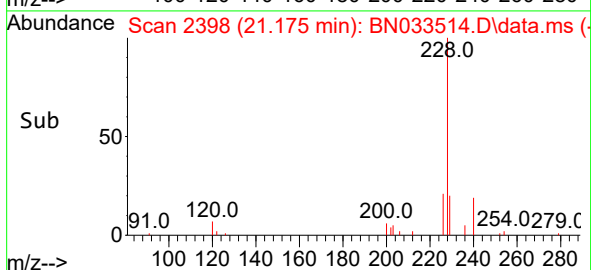
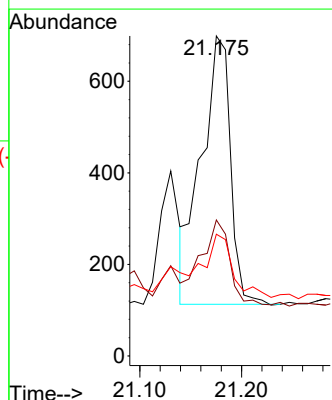
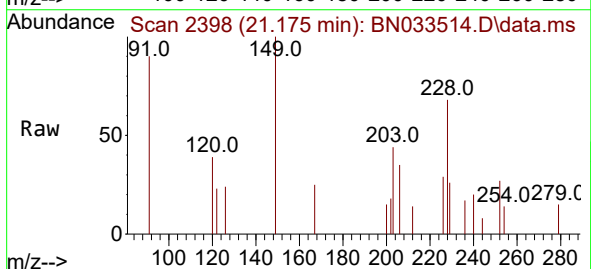
RT: 21.175 min Scan# 2398

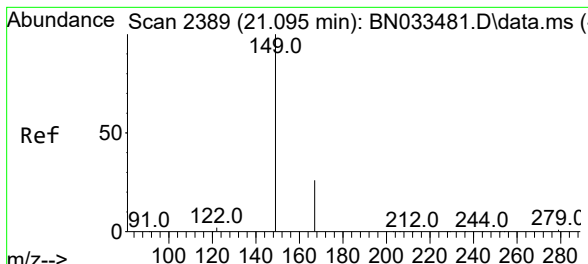
Delta R.T. -0.009 min

Lab File: BN033514.D

Acq: 20 Aug 2024 20:04

Tgt Ion:228	Resp:	1161
Ion Ratio	Lower	Upper
228	100	
226	42.5	23.8 35.8#
229	38.1	15.6 23.4#

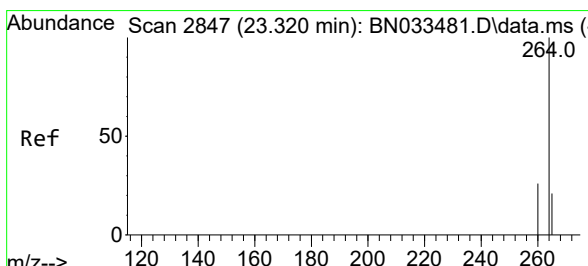
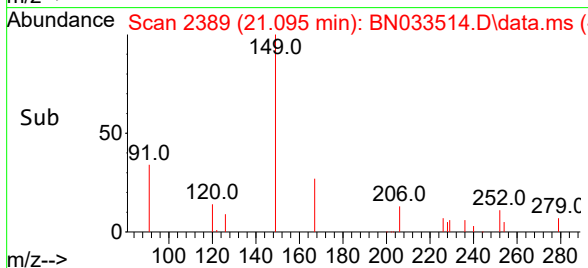
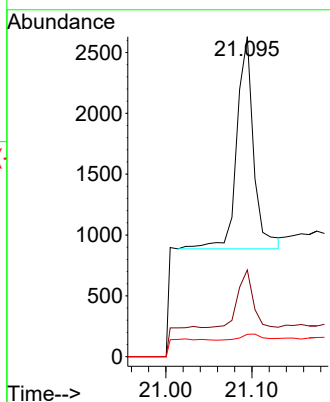
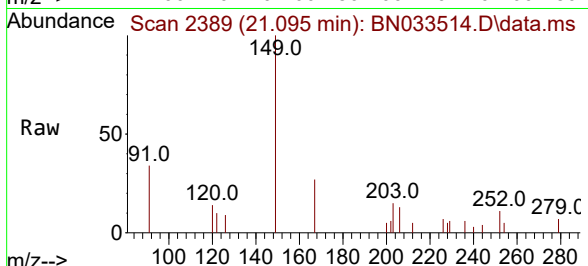




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.095 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN033514.D
 Acq: 20 Aug 2024 20:04

Instrument :
 BNA_N
 ClientSampleId :
 916-J-WPO-0.25-081524

Tgt Ion:	149	Resp:	2379
Ion Ratio	Lower	Upper	
149	100		
167	23.5	21.5	32.3
279	2.8	2.2	3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.315 min Scan# 2845
 Delta R.T. -0.006 min
 Lab File: BN033514.D
 Acq: 20 Aug 2024 20:04

Tgt Ion:	264	Resp:	13411
Ion Ratio	Lower	Upper	
264	100		
260	27.2	20.8	31.2
265	70.3	52.2	78.2

