

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033497.D
 Acq On : 20 Aug 2024 09:46
 Operator : MA/JU
 Sample : P3646-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Aug 20 10:48:25 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)

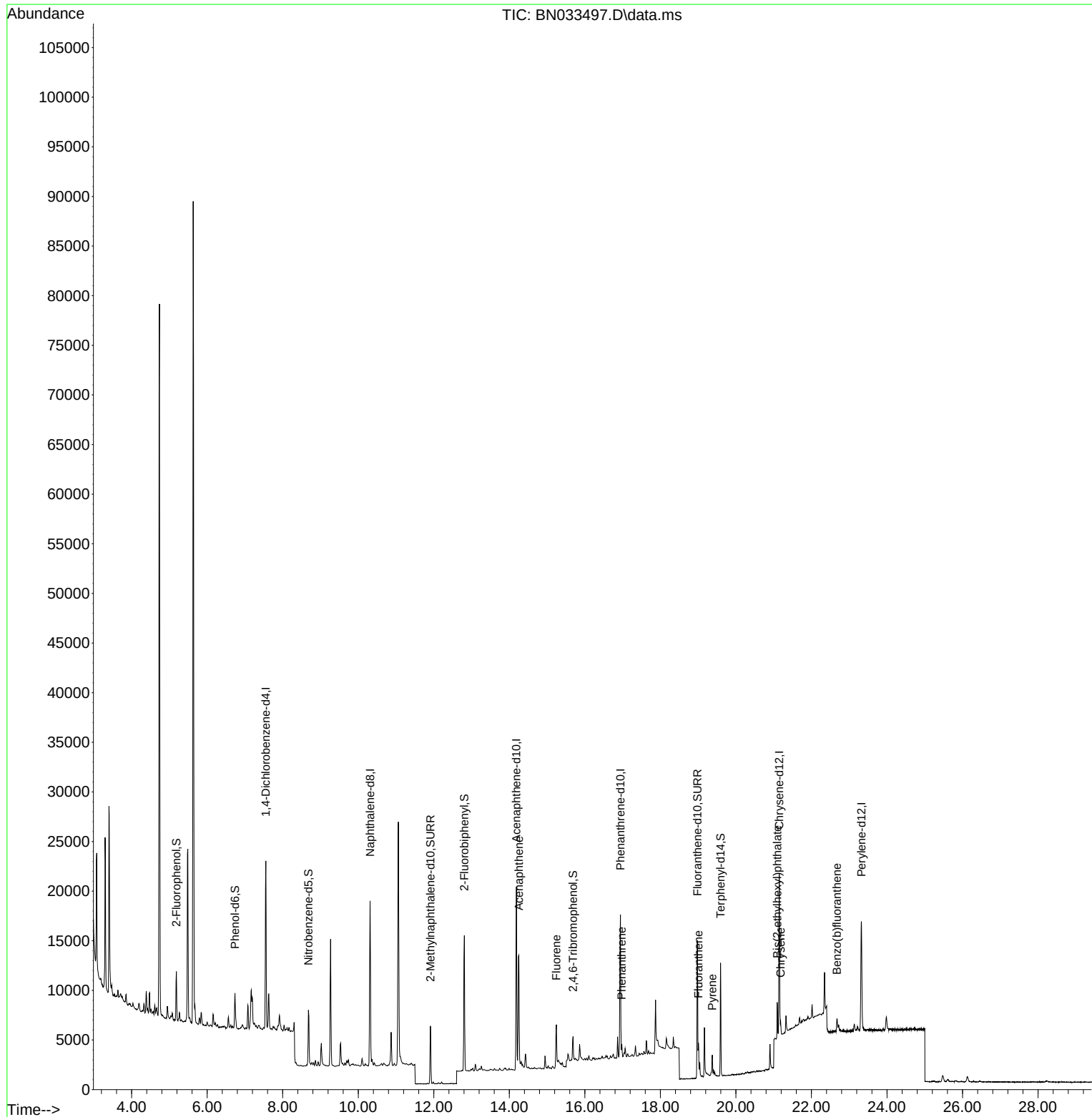
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7819	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	20507	0.400	ng	0.00
13) Acenaphthene-d10	14.188	164	9697	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	19630	0.400	ng	0.00
29) Chrysene-d12	21.148	240	13769	0.400	ng	0.00
35) Perylene-d12	23.323	264	14188	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3519	0.142	ng	0.00
5) Phenol-d6	6.736	99	2815	0.095	ng	0.00
8) Nitrobenzene-d5	8.681	82	4329	0.255	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	7733	0.264	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1265	0.243	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	11682	0.295	ng	0.00
27) Fluoranthene-d10	18.979	212	14352	0.304	ng	0.00
31) Terphenyl-d14	19.593	244	9950	0.318	ng	0.00
Target Compounds						
17) Acenaphthene	14.253	154	4377	0.146	ng	96
18) Fluorene	15.247	166	4105	0.109	ng	# 67
25) Phenanthrene	16.979	178	1232	0.023	ng	98
28) Fluoranthene	19.007	202	3030	0.050	ng	96
30) Pyrene	19.374	202	1849	0.030	ng	# 93
33) Chrysene	21.184	228	1547	0.031	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.094	149	3399	0.108	ng	94
37) Benzo(b)fluoranthene	22.674	252	1785	0.034	ng	# 9

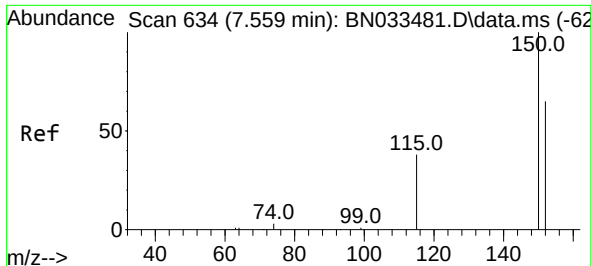
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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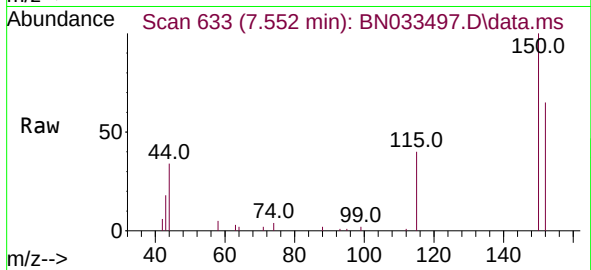
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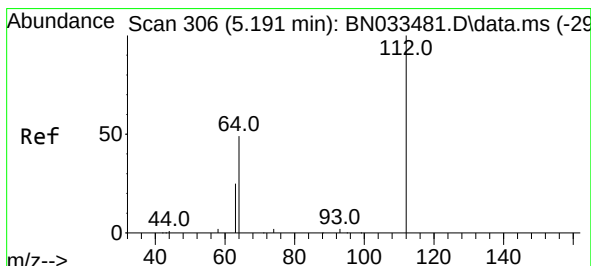
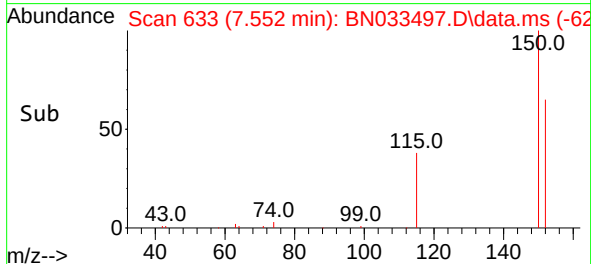
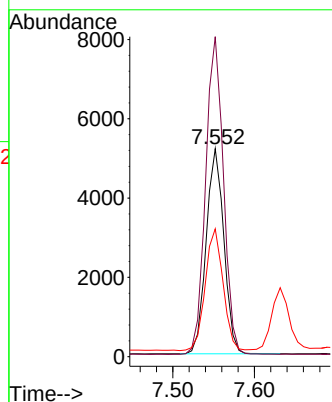


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

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

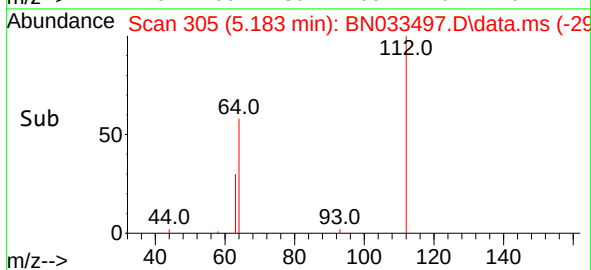
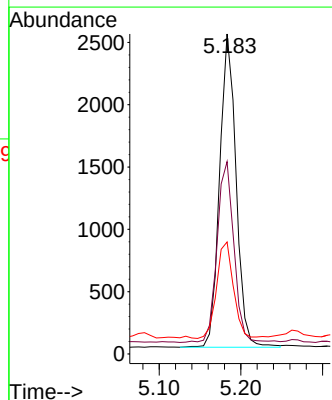
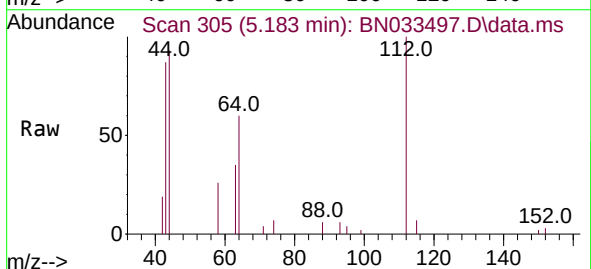


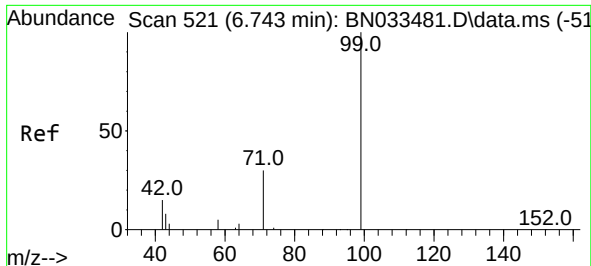
Tgt Ion:152 Resp: 7819
Ion Ratio Lower Upper
152 100
150 153.8 122.2 183.2
115 61.4 47.2 70.8



#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

Tgt Ion:112 Resp: 3519
Ion Ratio Lower Upper
112 100
64 58.9 47.1 70.7
63 31.6 24.9 37.3

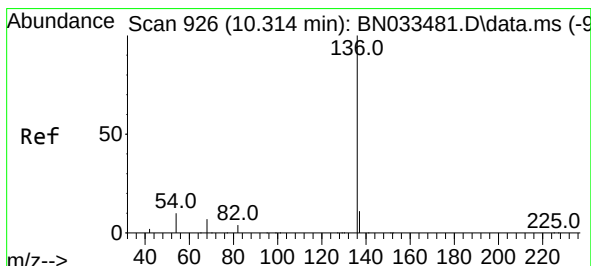
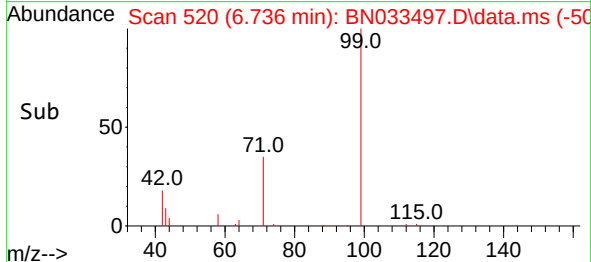
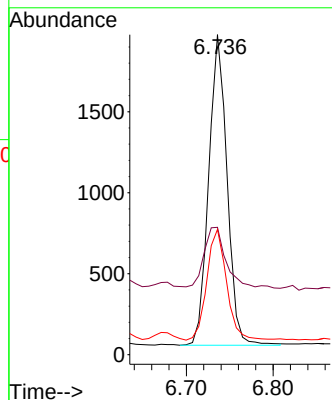
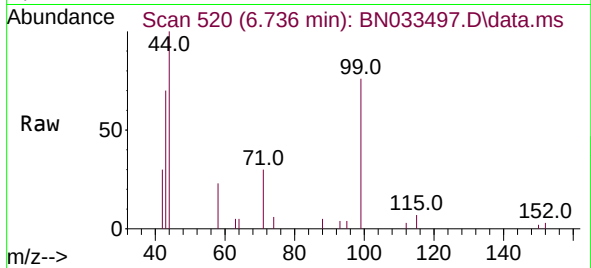




#5
Phenol-d6
Concen: 0.095 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

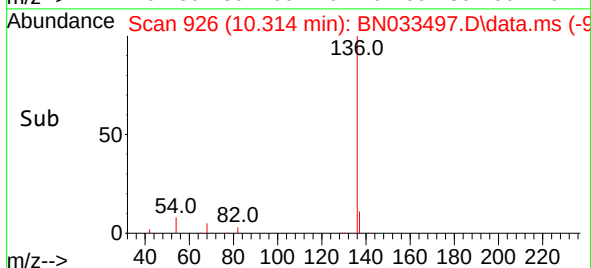
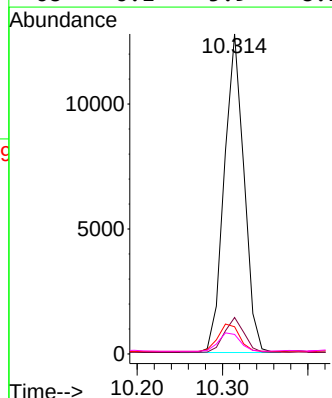
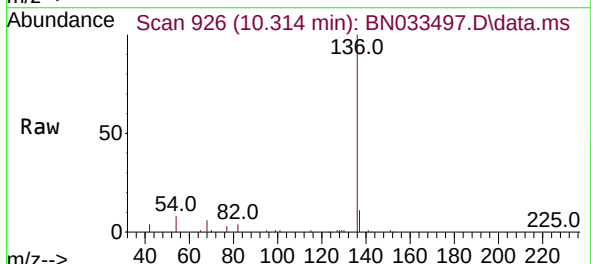
Instrument :
BNA_N
ClientSampleId :
914-J-WPO-0.25-081524

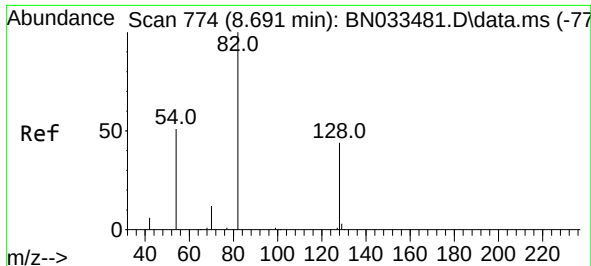
Tgt Ion: 99 Resp: 2815
Ion Ratio Lower Upper
99 100
42 23.9 16.6 24.8
71 38.5 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

Tgt Ion: 136 Resp: 20507
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.5 8.3 12.5
68 6.1 5.9 8.9

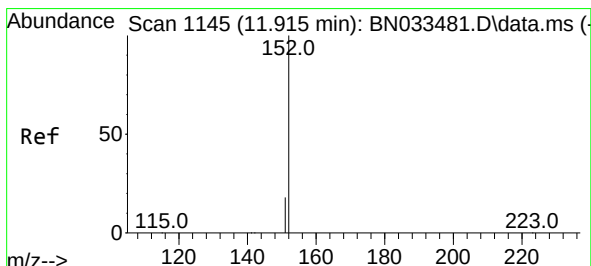
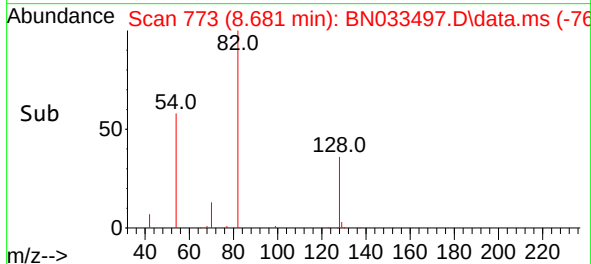
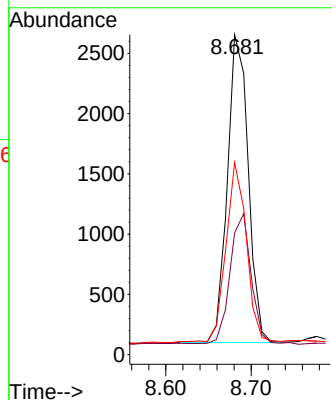
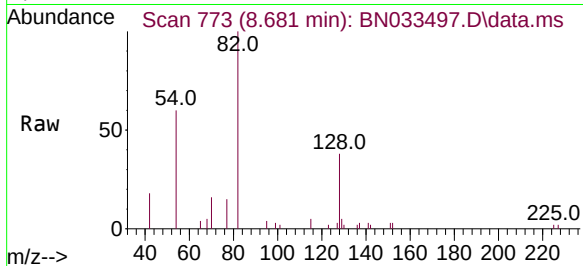




#8
 Nitrobenzene-d5
 Concen: 0.255 ng
 RT: 8.681 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN033497.D
 Acq: 20 Aug 2024 09:46

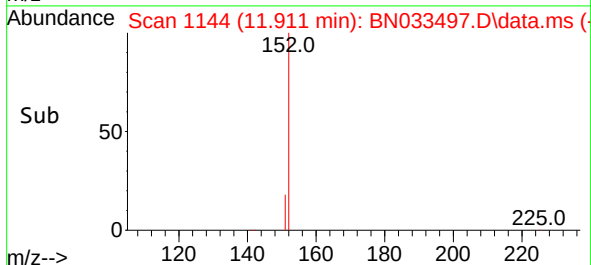
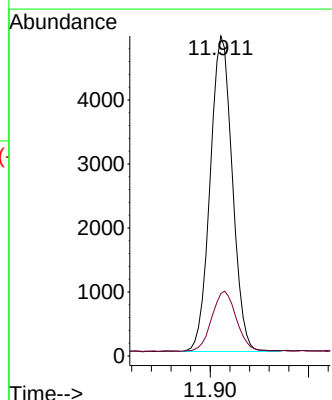
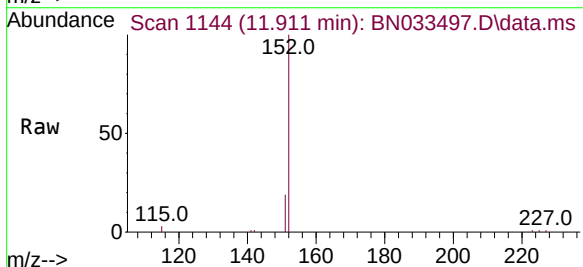
Instrument :
 BNA_N
 ClientSampleId :
 914-J-WPO-0.25-081524

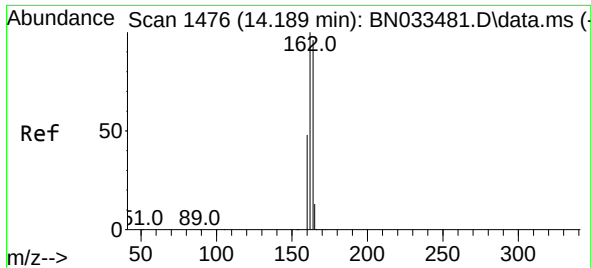
Tgt Ion: 82 Resp: 4329
 Ion Ratio Lower Upper
 82 100
 128 38.0 36.0 54.0
 54 60.0 42.0 63.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.264 ng
 RT: 11.911 min Scan# 1144
 Delta R.T. -0.004 min
 Lab File: BN033497.D
 Acq: 20 Aug 2024 09:46

Tgt Ion: 152 Resp: 7733
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.6 25.0

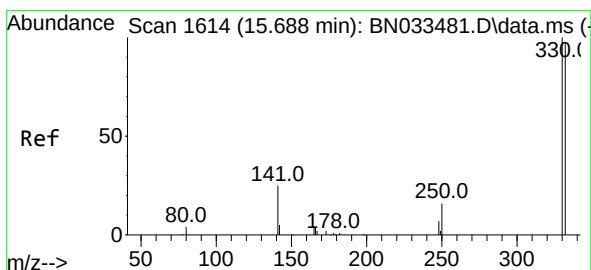
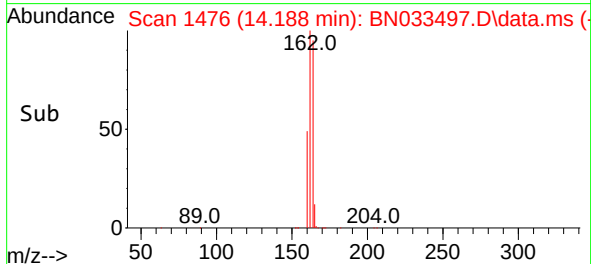
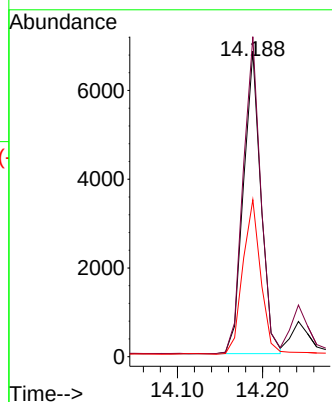
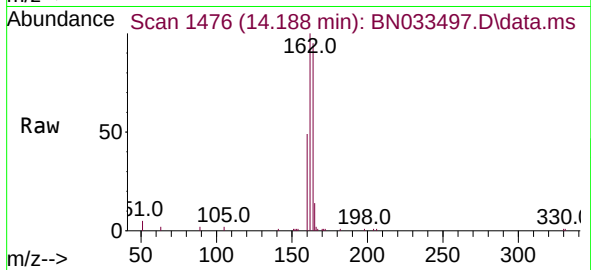




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.188 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

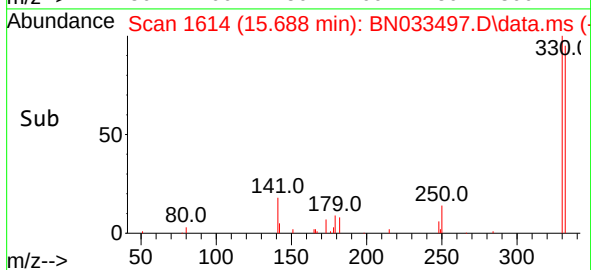
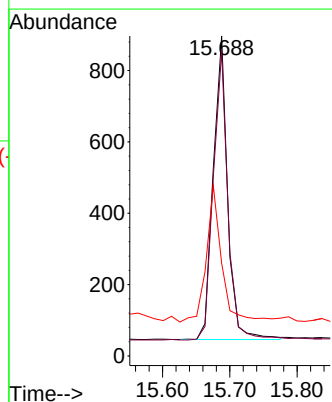
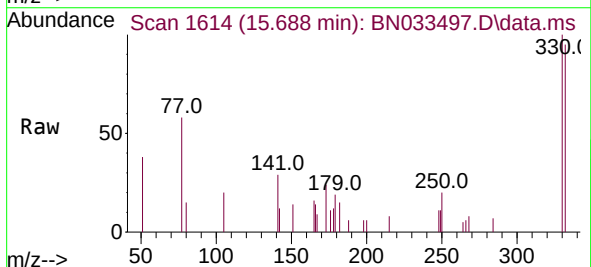
Instrument :
BNA_N
ClientSampleId :
914-J-WPO-0.25-081524

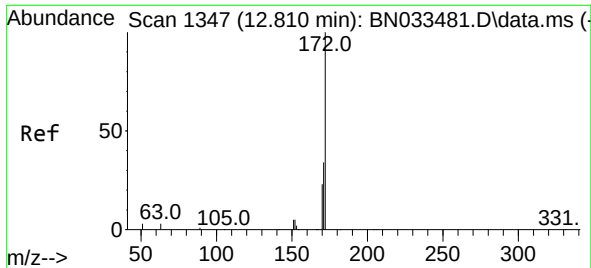
Tgt Ion:164 Resp: 9697
Ion Ratio Lower Upper
164 100
162 104.7 83.5 125.3
160 51.4 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

Tgt Ion:330 Resp: 1265
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 47.7 33.9 50.9

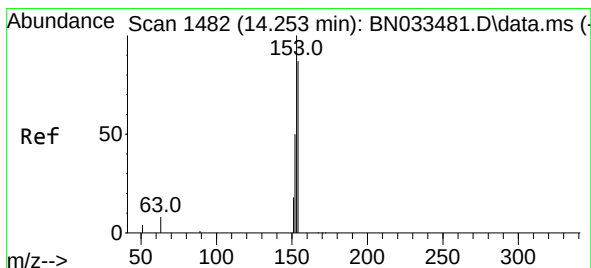
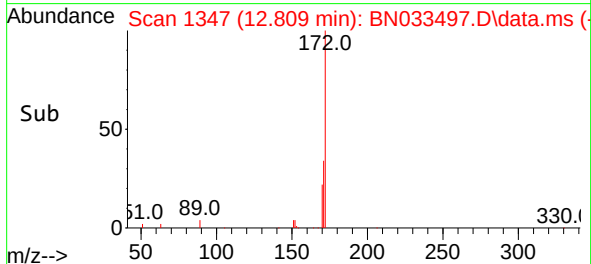
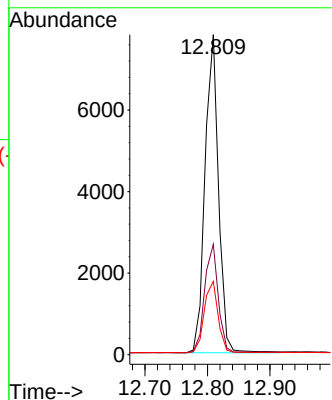
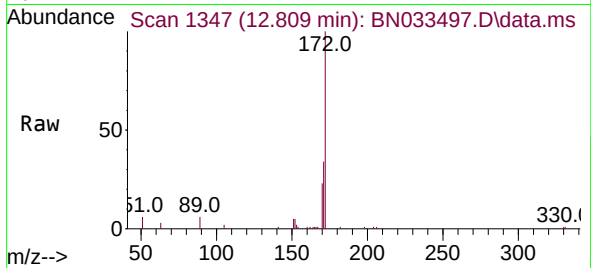




#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 12.809 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

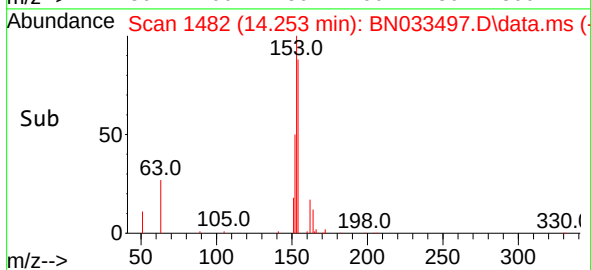
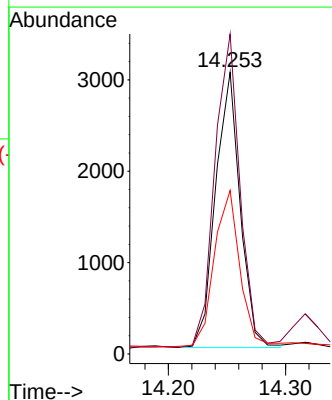
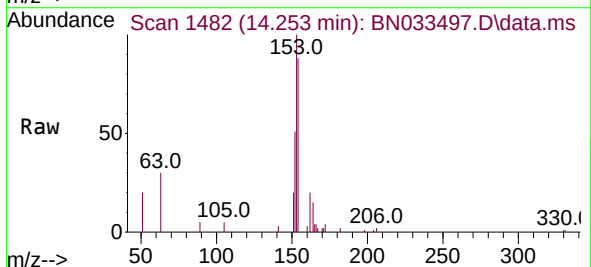
Instrument :
BNA_N
ClientSampleId :
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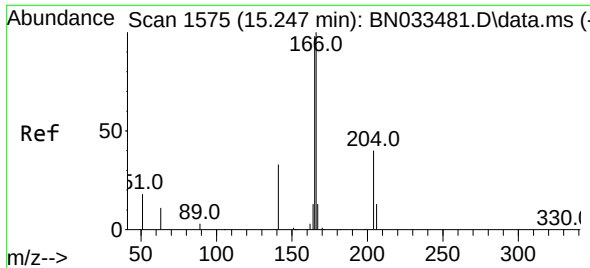
Tgt Ion:172 Resp: 11682
Ion Ratio Lower Upper
172 100
171 34.5 27.7 41.5
170 22.9 18.3 27.5



#17
Acenaphthene
Concen: 0.146 ng
RT: 14.253 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

Tgt Ion:154 Resp: 4377
Ion Ratio Lower Upper
154 100
153 115.9 89.0 133.6
152 59.7 45.2 67.8





#18

Fluorene

Concen: 0.109 ng

RT: 15.247 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BN033497.D

Acq: 20 Aug 2024 09:46

Instrument :

BNA_N

ClientSampleId :

914-J-WPO-0.25-081524

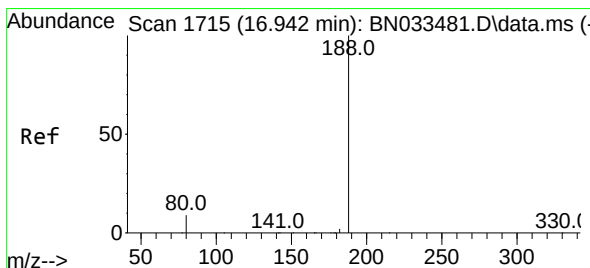
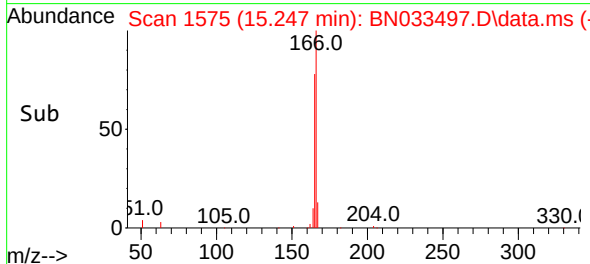
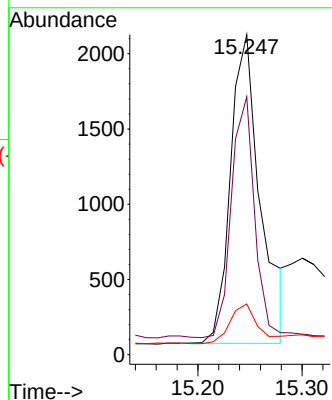
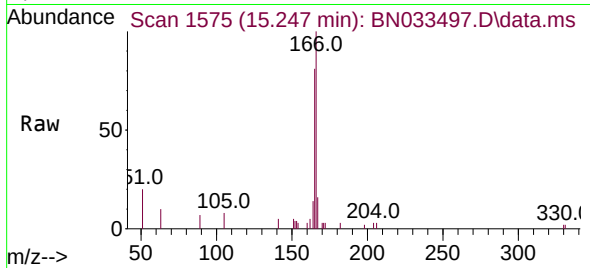
Tgt Ion:166 Resp: 4105

Ion Ratio Lower Upper

166 100

165 60.9 78.2 117.4#

167 12.2 10.6 16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BN033497.D

Acq: 20 Aug 2024 09:46

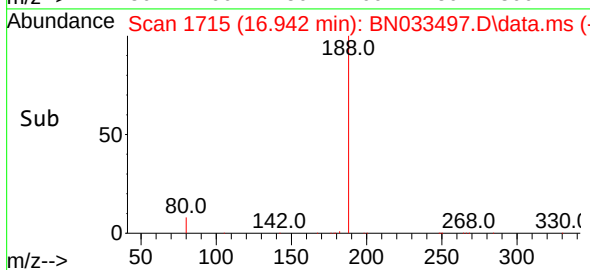
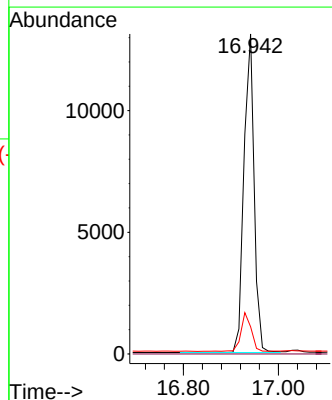
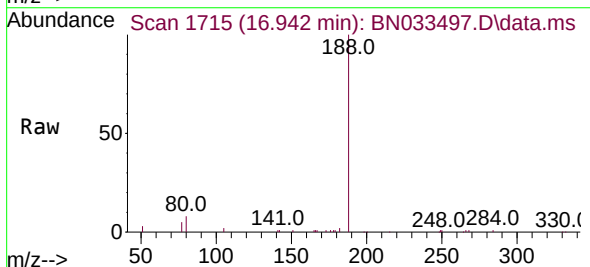
Tgt Ion:188 Resp: 19630

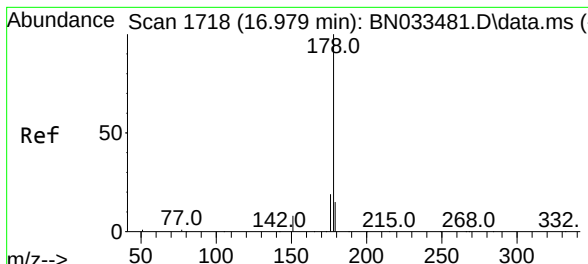
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 7.8 11.8

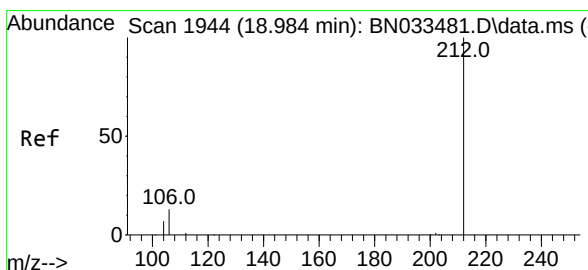
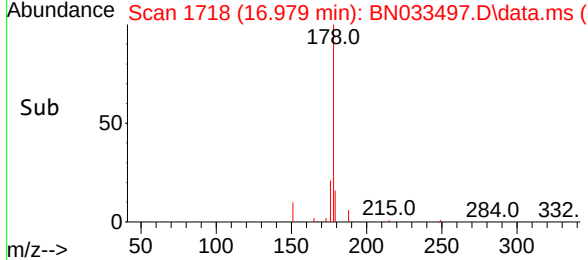
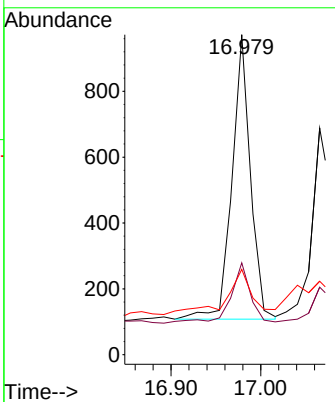
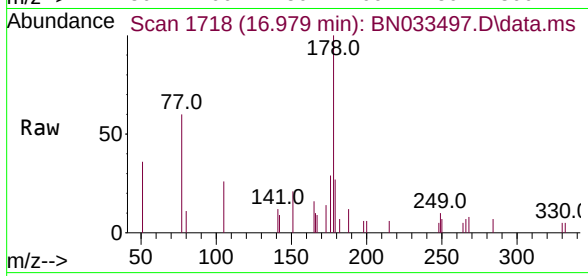




#25
 Phenanthrene
 Concen: 0.023 ng
 RT: 16.979 min Scan# 1718
 Delta R.T. -0.000 min
 Lab File: BN033497.D
 Acq: 20 Aug 2024 09:46

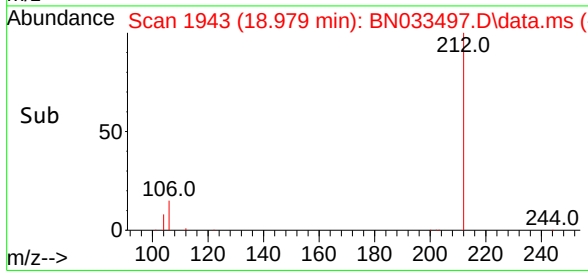
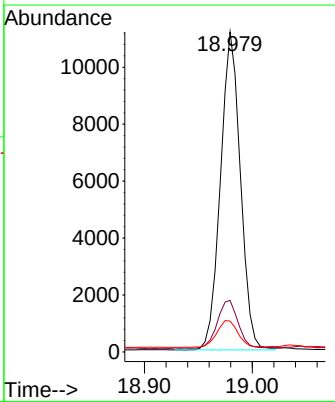
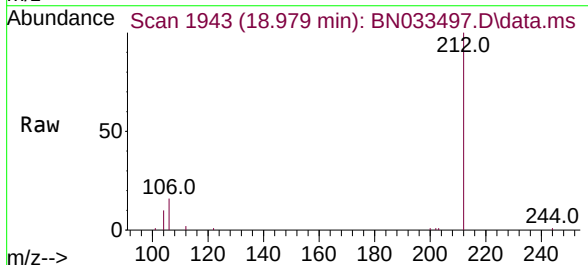
Instrument :
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 914-J-WPO-0.25-081524

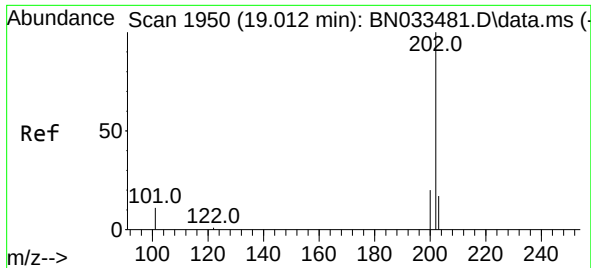
Tgt Ion:	178	Resp:	1232
Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.3	22.9
179	15.8	12.3	18.5



#27
 Fluoranthene-d10
 Concen: 0.304 ng
 RT: 18.979 min Scan# 1943
 Delta R.T. -0.005 min
 Lab File: BN033497.D
 Acq: 20 Aug 2024 09:46

Tgt Ion:	212	Resp:	14352
Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.3	18.5
104	9.0	7.0	10.4

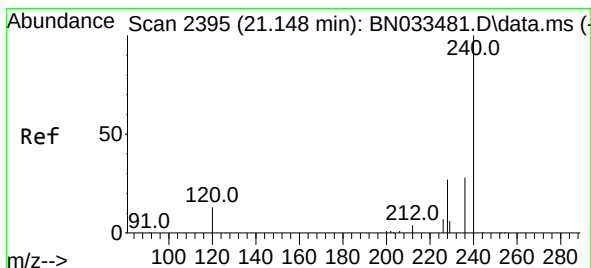
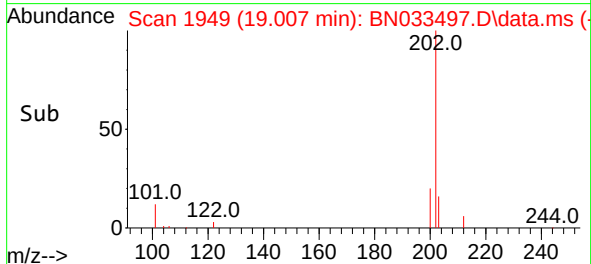
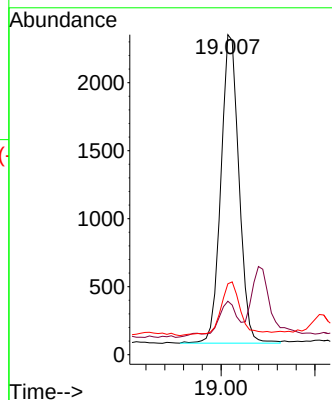
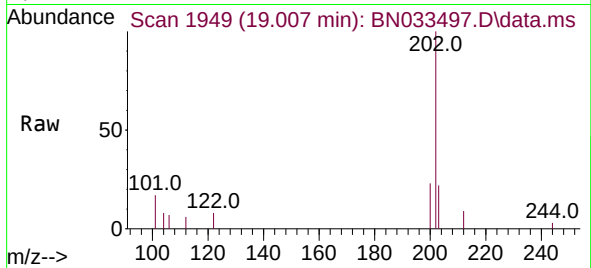




#28
Fluoranthene
Concen: 0.050 ng
RT: 19.007 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

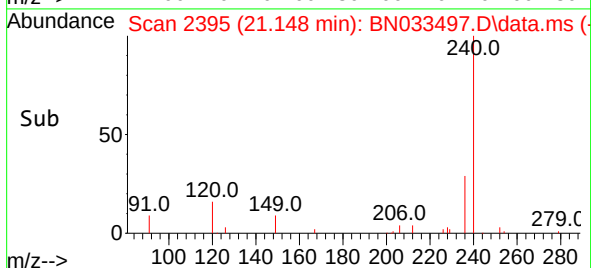
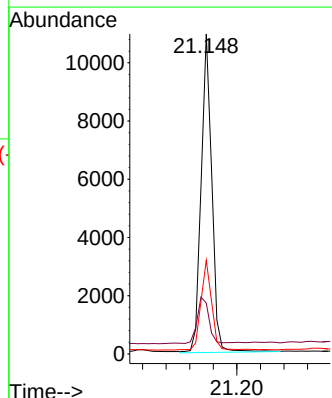
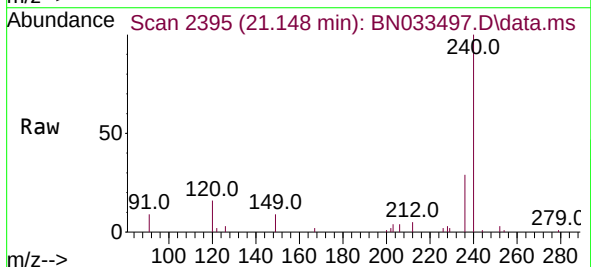
Instrument :
BNA_N
ClientSampleId :
914-J-WPO-0.25-081524

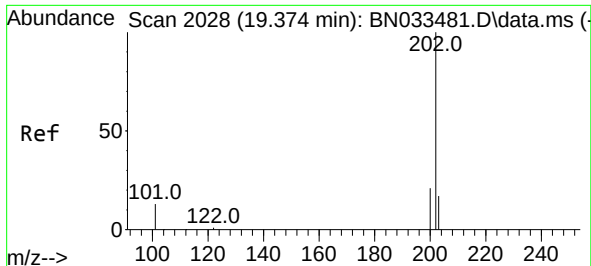
Tgt Ion:	202	Resp:	3030
Ion Ratio	Lower	Upper	
202	100		
101	10.7	9.5	14.3
203	19.5	13.8	20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

Tgt Ion:	240	Resp:	13769
Ion Ratio	Lower	Upper	
240	100		
120	15.9	12.4	18.6
236	29.3	23.0	34.6

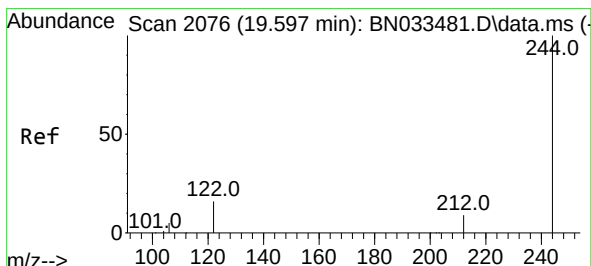
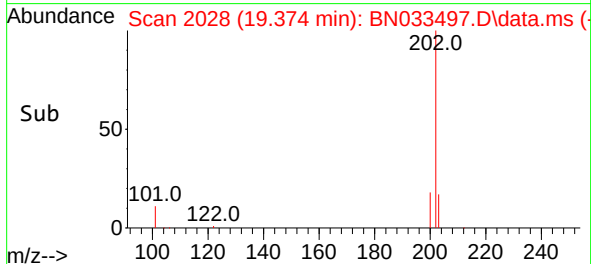
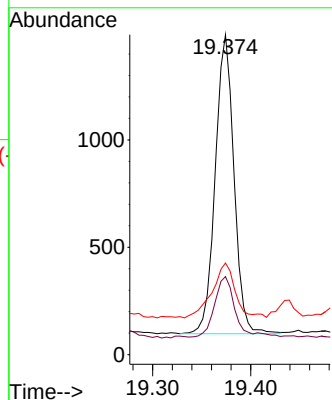
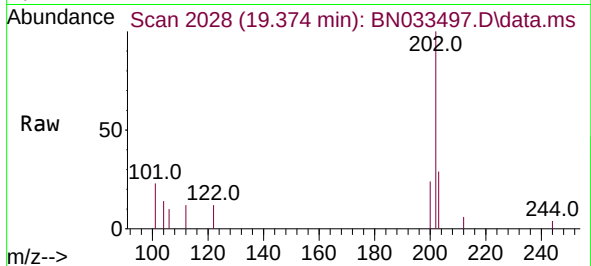




#30
Pyrene
Concen: 0.030 ng
RT: 19.374 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

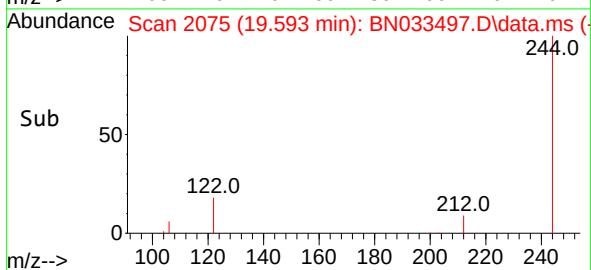
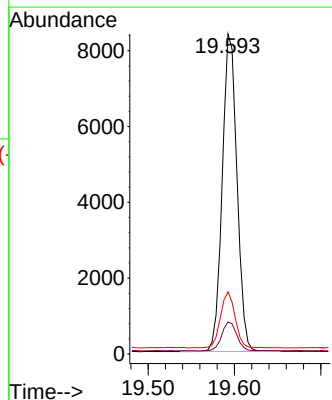
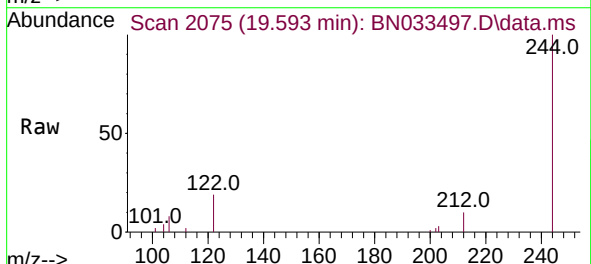
Instrument :
BNA_N
ClientSampleId :
914-J-WPO-0.25-081524

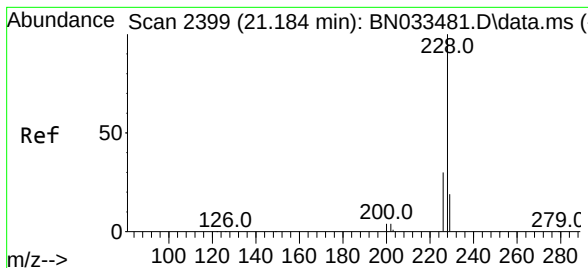
Tgt Ion:202 Resp: 1849
Ion Ratio Lower Upper
202 100
200 22.6 16.6 24.8
203 22.1 14.2 21.4#



#31
Terphenyl-d14
Concen: 0.318 ng
RT: 19.593 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

Tgt Ion:244 Resp: 9950
Ion Ratio Lower Upper
244 100
212 10.0 7.8 11.6
122 19.4 13.3 19.9





#33

Chrysene

Concen: 0.031 ng

RT: 21.184 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033497.D

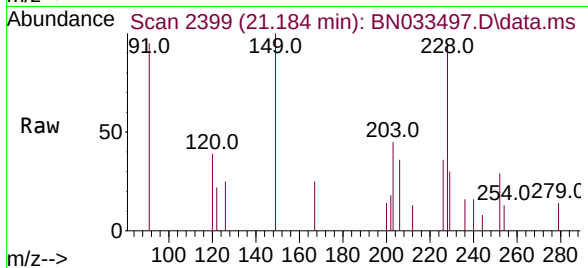
Acq: 20 Aug 2024 09:46

Instrument :

BNA_N

ClientSampleId :

914-J-WPO-0.25-081524



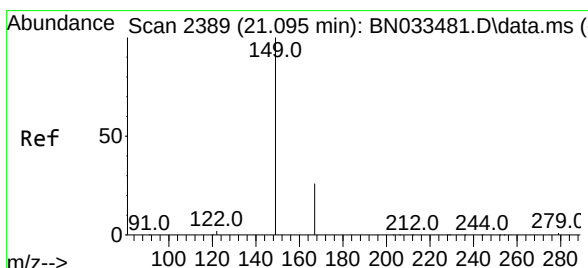
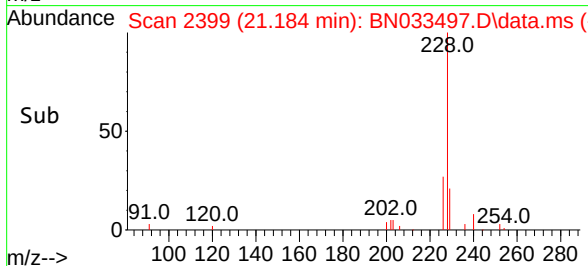
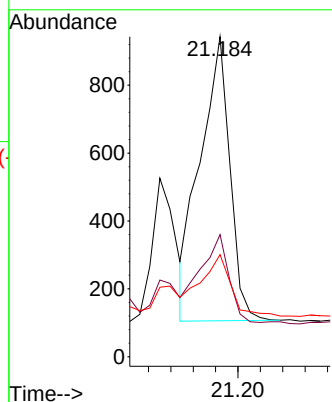
Tgt Ion:228 Resp: 1547

Ion Ratio Lower Upper

228 100

226 38.2 23.8 35.8#

229 31.9 15.6 23.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.108 ng

RT: 21.094 min Scan# 2389

Delta R.T. -0.000 min

Lab File: BN033497.D

Acq: 20 Aug 2024 09:46

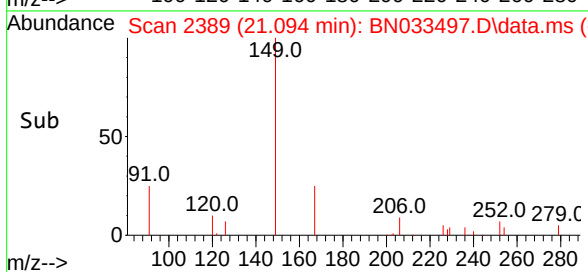
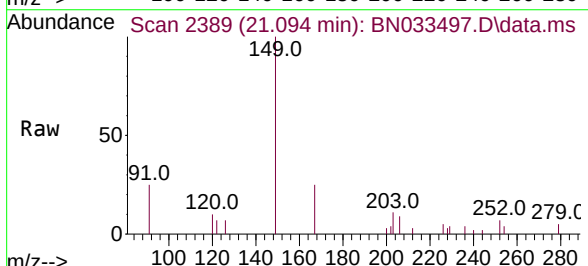
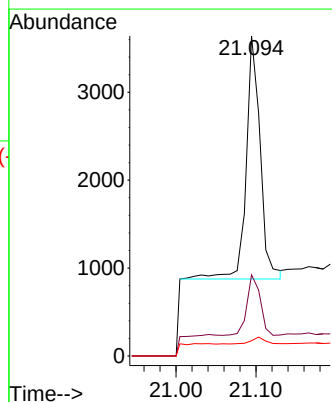
Tgt Ion:149 Resp: 3399

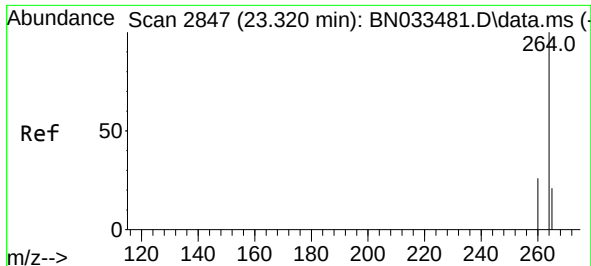
Ion Ratio Lower Upper

149 100

167 23.7 21.5 32.3

279 2.6 2.2 3.2

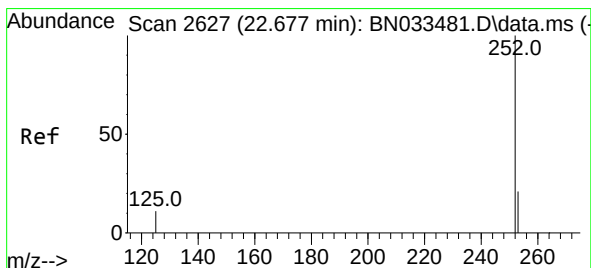
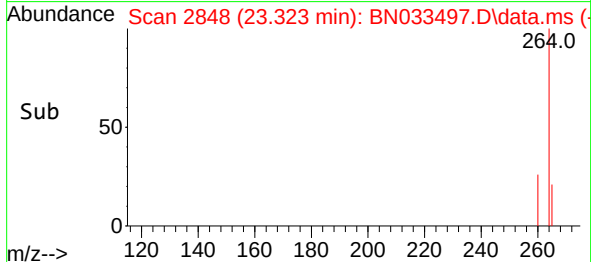
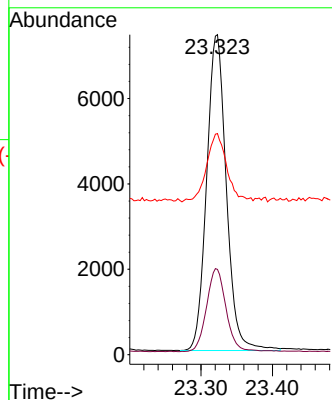
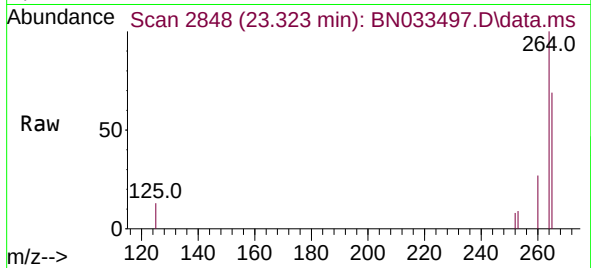




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.323 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN033497.D
 Acq: 20 Aug 2024 09:46

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

Tgt Ion:264 Resp: 14188
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.8 31.2
 265 69.1 52.2 78.2



#37
 Benzo(b)fluoranthene
 Concen: 0.034 ng
 RT: 22.674 min Scan# 2626
 Delta R.T. -0.003 min
 Lab File: BN033497.D
 Acq: 20 Aug 2024 09:46

Tgt Ion:252 Resp: 1785
 Ion Ratio Lower Upper
 252 100
 253 57.8 19.8 29.8#
 125 72.9 13.9 20.9#

