

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033444.D
 Acq On : 16 Aug 2024 23:16
 Operator : MA/JU
 Sample : P3620-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 920-J-WPO-0.25-081424

Quant Time: Aug 16 23:45:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

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

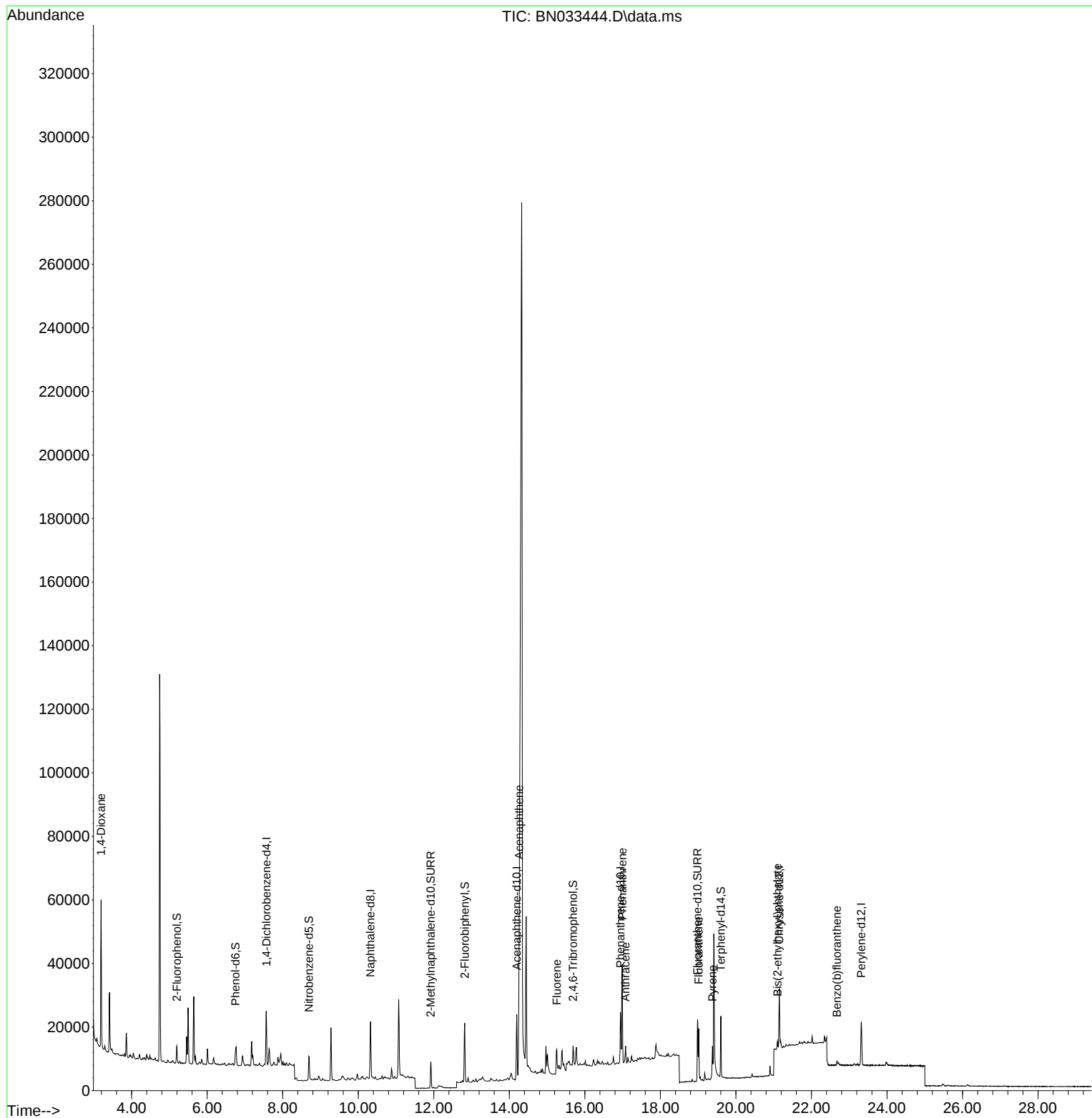
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	7791	0.400	ng	0.00
7) Naphthalene-d8	10.325	136	21803	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	11048	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	21542	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	16436	0.400	ng	# 0.00
35) Perylene-d12	23.320	264	16824	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	3855	0.179	ng	0.00
5) Phenol-d6	6.750	99	3069	0.106	ng	0.00
8) Nitrobenzene-d5	8.691	82	6152	0.374	ng	-0.01
11) 2-Methylnaphthalene-d10	11.922	152	10973	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	2736	0.483	ng	-0.01
15) 2-Fluorobiphenyl	12.820	172	16295	0.360	ng	0.00
27) Fluoranthene-d10	18.984	212	20968	0.364	ng	0.00
31) Terphenyl-d14	19.602	244	18028	0.581	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.190	88	25009	2.889	ng	97
17) Acenaphthene	14.263	154	4605	0.130	ng	# 86
18) Fluorene	15.258	166	9189	0.197	ng	# 57
25) Phenanthrene	16.991	178	34011	0.547	ng	100
26) Anthracene	17.078	178	4973	0.090	ng	96
28) Fluoranthene	19.017	202	13992	0.183	ng	99
30) Pyrene	19.379	202	8512	0.130	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.103	149	2278	0.082	ng	# 90
37) Benzo(b)fluoranthene	22.677	252	1775	0.028	ng	# 1

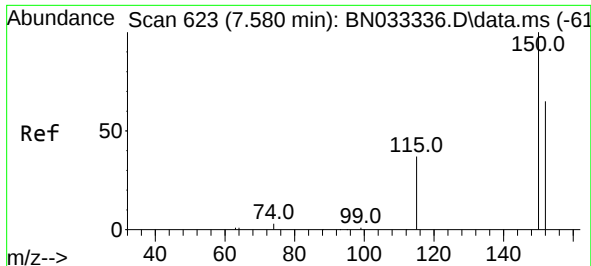
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
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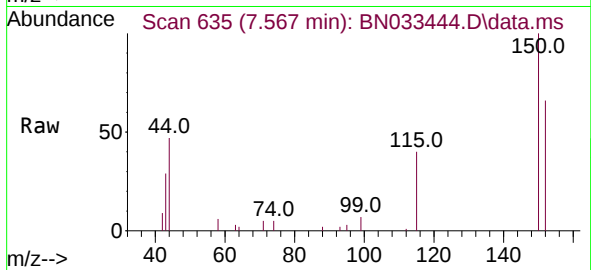
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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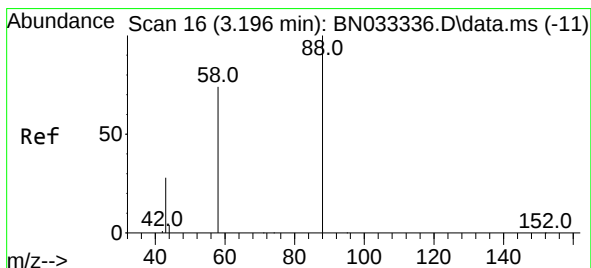
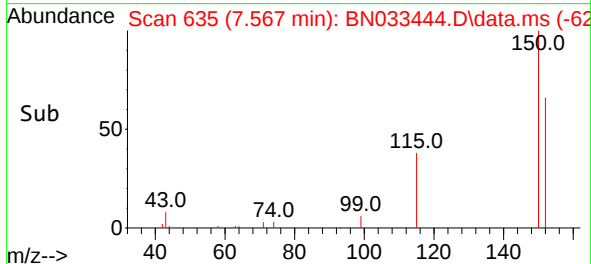
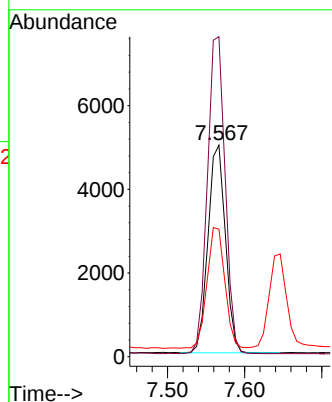


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.567 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Instrument :
BNA_N
ClientSampleId :
920-J-WPO-0.25-081424

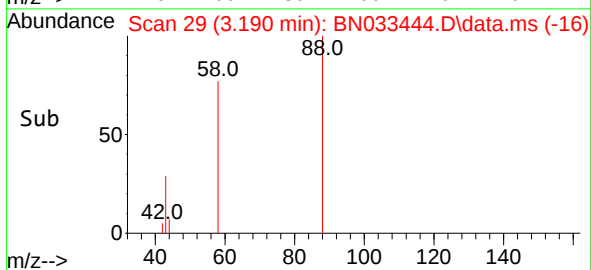
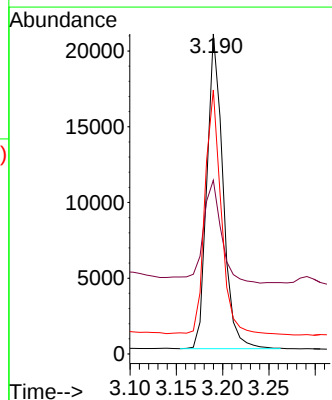
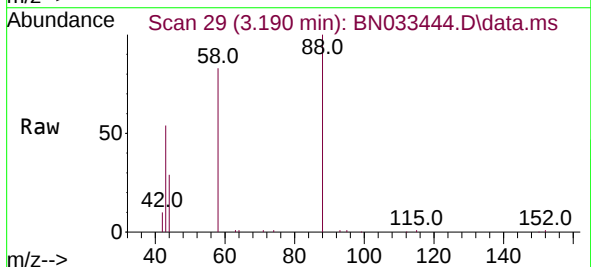


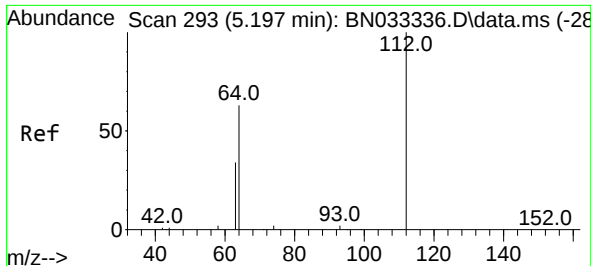
Tgt Ion:152 Resp: 7791
Ion Ratio Lower Upper
152 100
150 151.2 122.3 183.5
115 60.2 48.8 73.2



#2
1,4-Dioxane
Concen: 2.889 ng
RT: 3.190 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion: 88 Resp: 25009
Ion Ratio Lower Upper
88 100
43 36.2 30.6 46.0
58 78.1 64.5 96.7

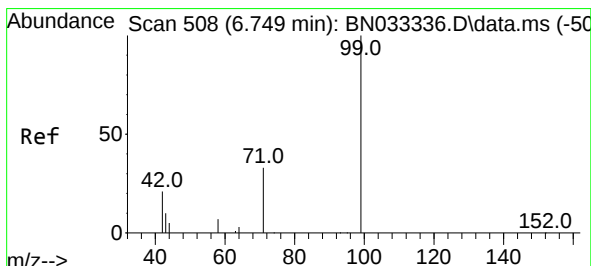
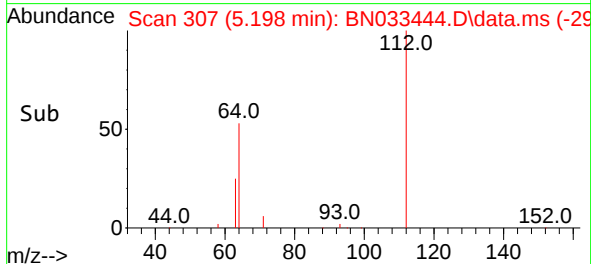
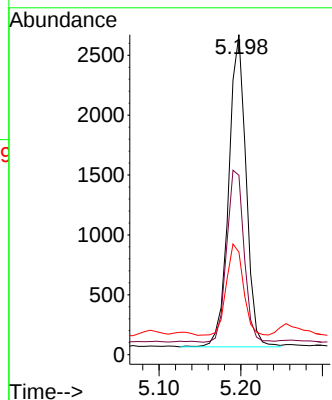
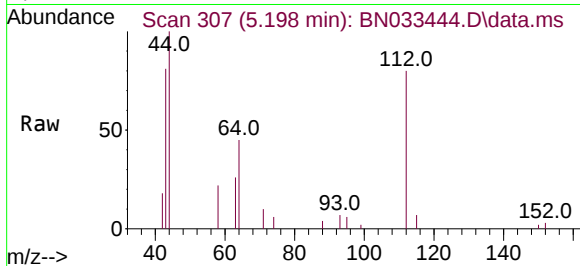




#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.198 min Scan# 307
Delta R.T. -0.000 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

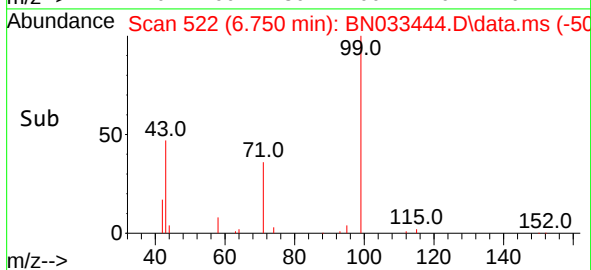
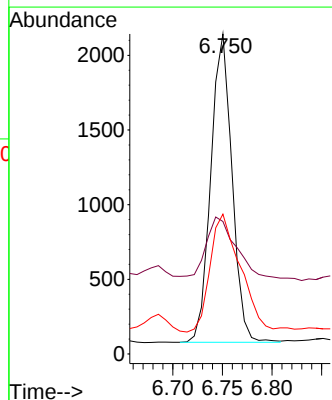
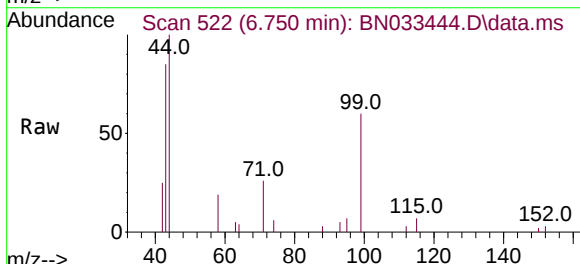
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BNA_N
ClientSampleId :
920-J-WPO-0.25-081424

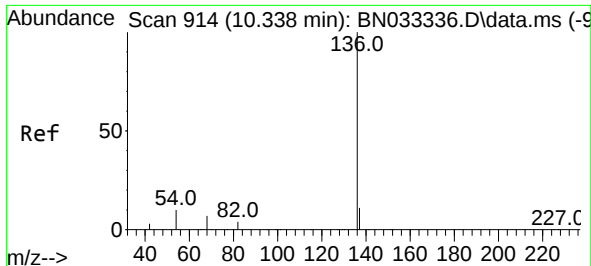
Tgt Ion:112 Resp: 3855
Ion Ratio Lower Upper
112 100
64 54.7 48.1 72.1
63 28.6 25.4 38.2



#5
Phenol-d6
Concen: 0.106 ng
RT: 6.750 min Scan# 522
Delta R.T. -0.000 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion: 99 Resp: 3069
Ion Ratio Lower Upper
99 100
42 27.2 18.5 27.7
71 54.9 26.2 39.2#

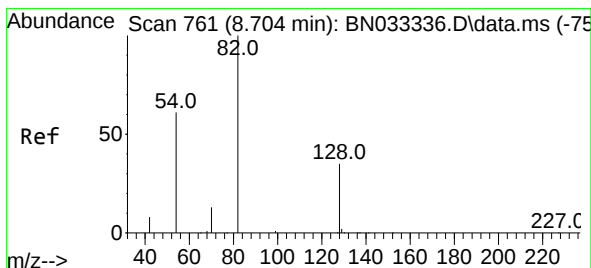
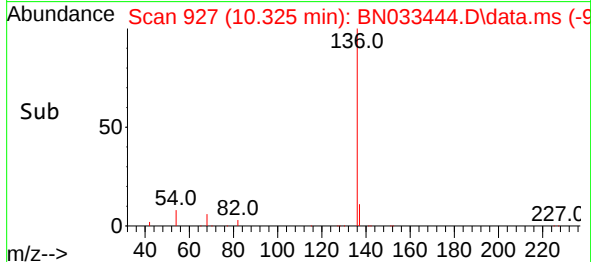
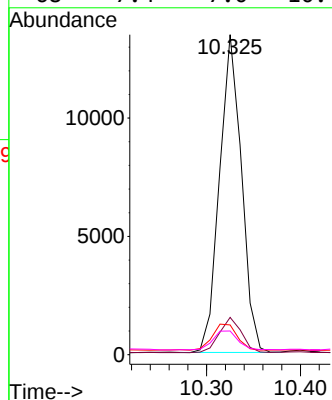
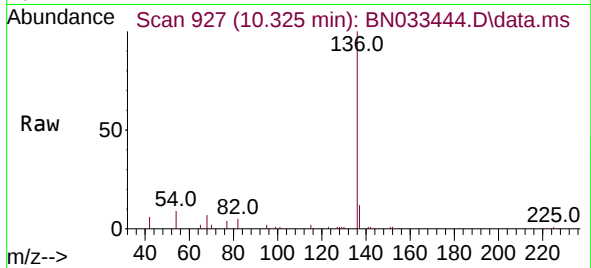




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

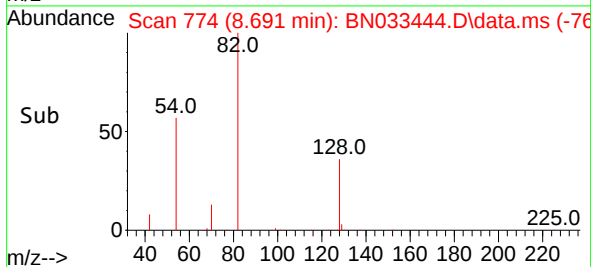
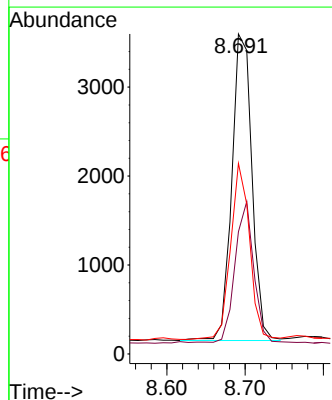
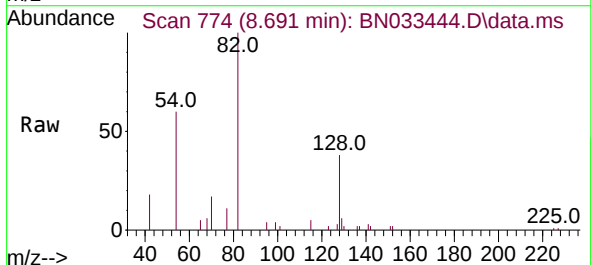
Instrument :
BNA_N
ClientSampleId :
920-J-WPO-0.25-081424

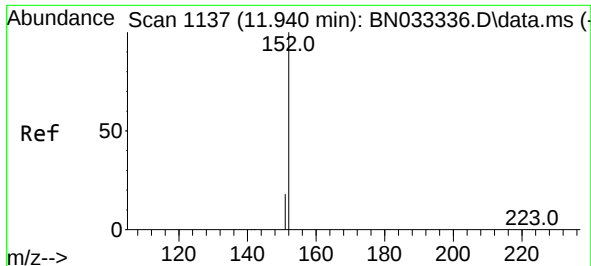
Tgt Ion:	136	Resp:	21803
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	9.3	9.4	14.0
68	7.4	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.691 min Scan# 774
Delta R.T. -0.011 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion:	82	Resp:	6152
Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.0	43.4
54	59.6	50.2	75.4

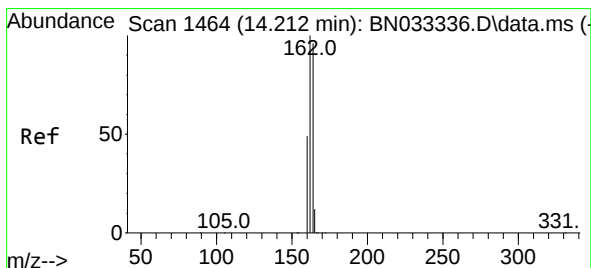
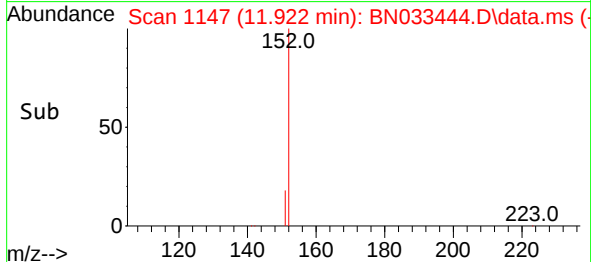
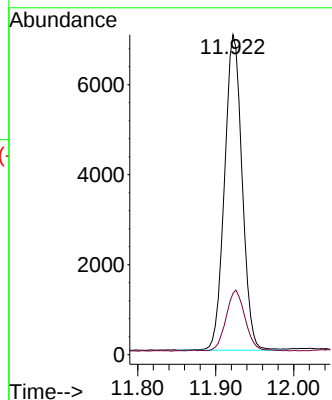
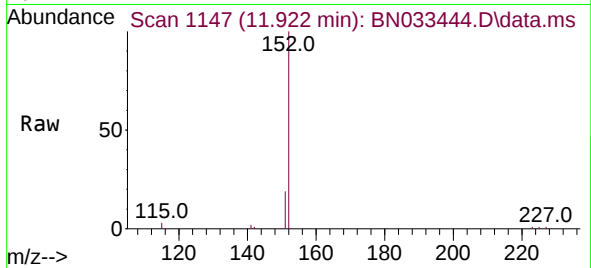




#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 11.922 min Scan# 1137
Delta R.T. -0.008 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

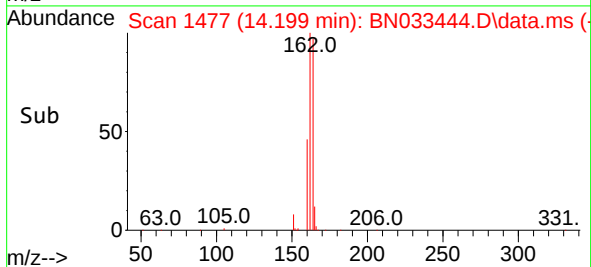
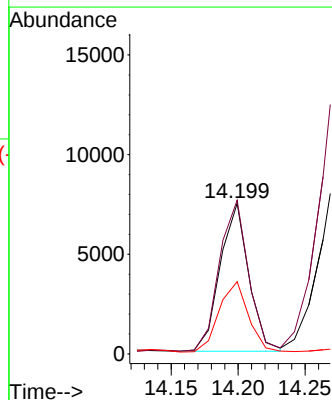
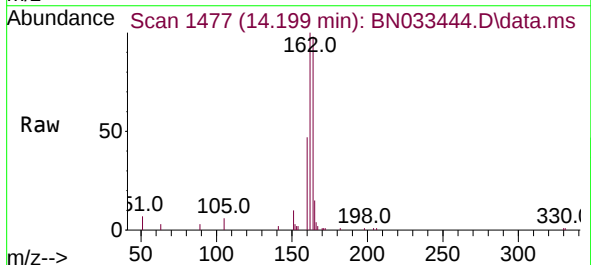
Instrument :
BNA_N
ClientSampleId :
920-J-WPO-0.25-081424

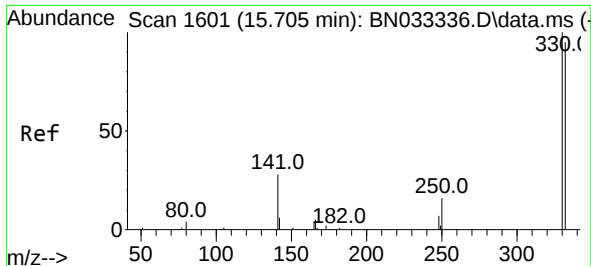
Tgt Ion:152 Resp: 10973
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion:164 Resp: 11048
Ion Ratio Lower Upper
164 100
162 102.1 83.1 124.7
160 48.0 41.1 61.7

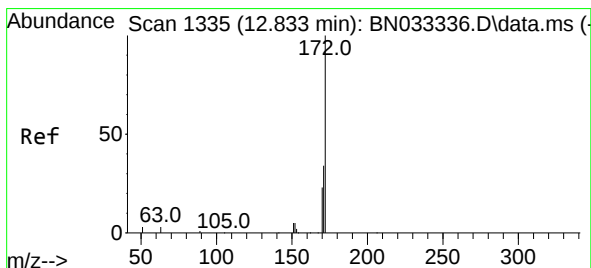
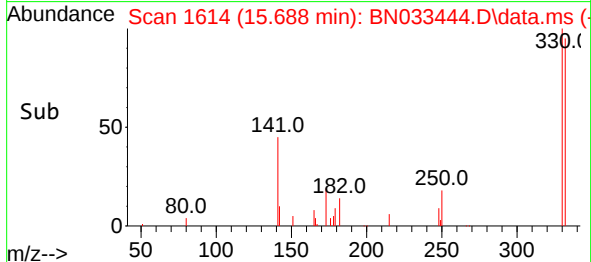
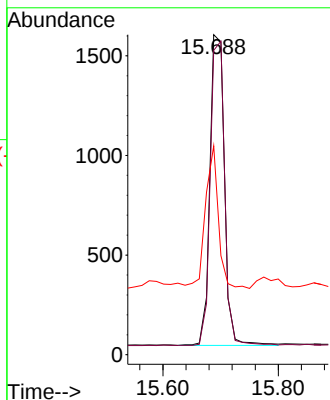
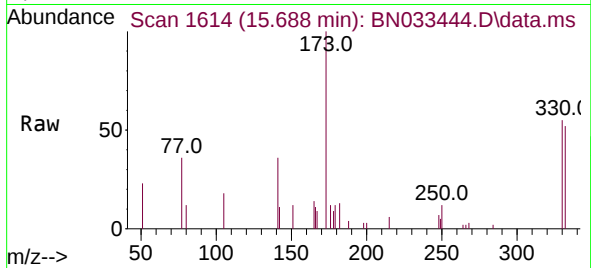




#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 15.688 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

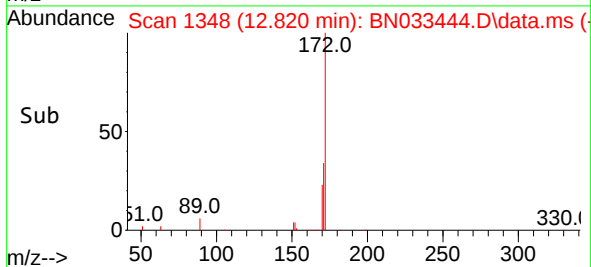
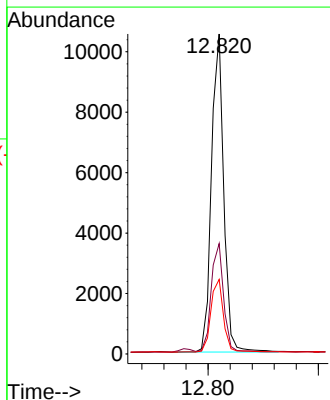
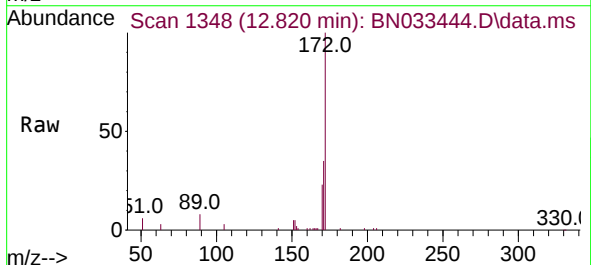
Instrument :
BNA_N
ClientSampleId :
920-J-WPO-0.25-081424

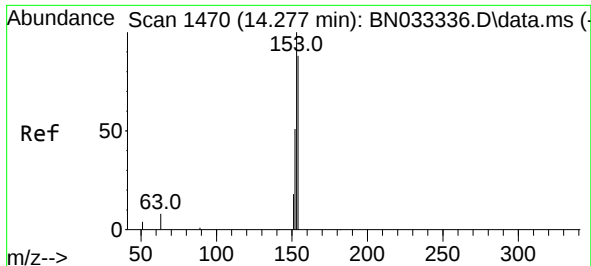
Tgt Ion:330 Resp: 2736
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 40.2 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.820 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion:172 Resp: 16295
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.3 18.7 28.1

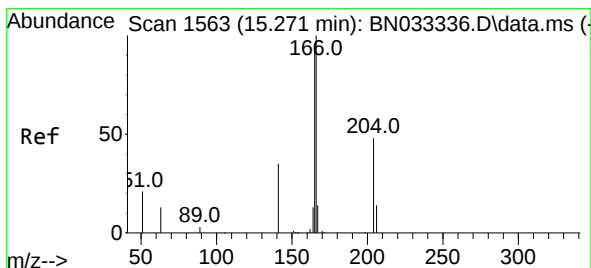
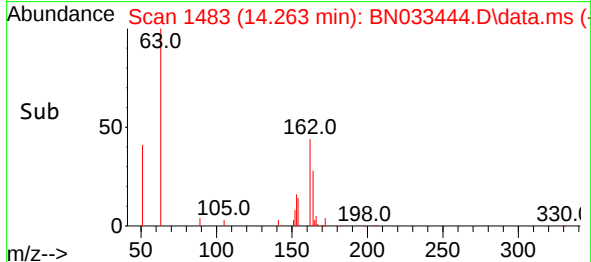
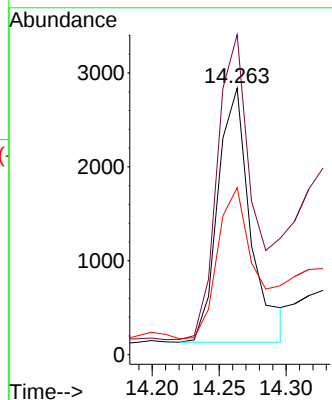
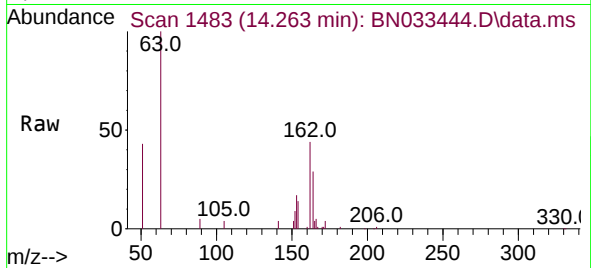




#17
Acenaphthene
Concen: 0.130 ng
RT: 14.263 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

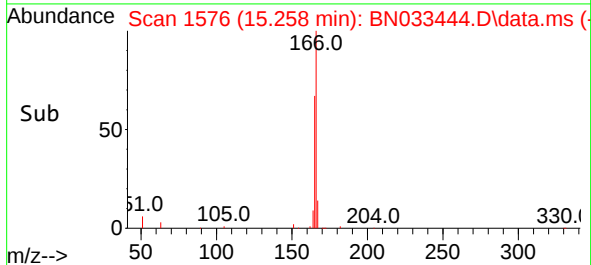
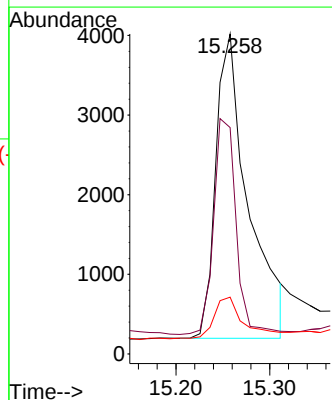
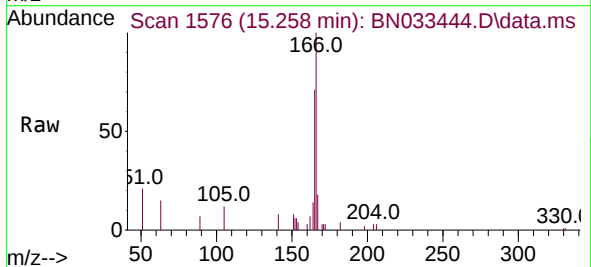
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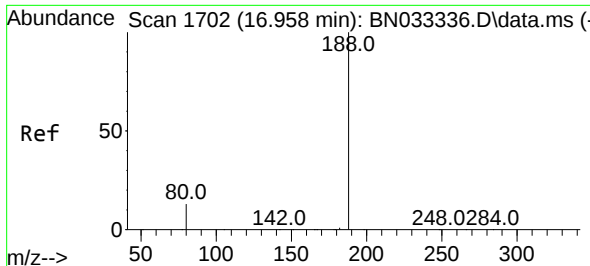
Tgt Ion:154 Resp: 4605
Ion Ratio Lower Upper
154 100
153 125.8 89.7 134.5
152 71.8 47.2 70.8#



#18
Fluorene
Concen: 0.197 ng
RT: 15.258 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion:166 Resp: 9189
Ion Ratio Lower Upper
166 100
165 49.0 78.0 117.0#
167 12.9 10.7 16.1

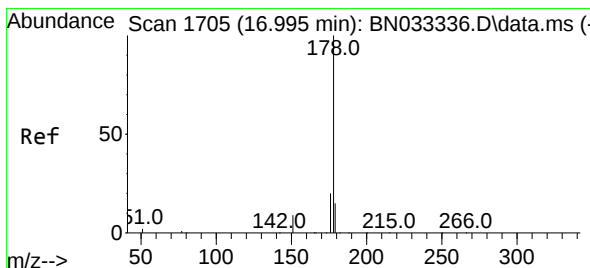
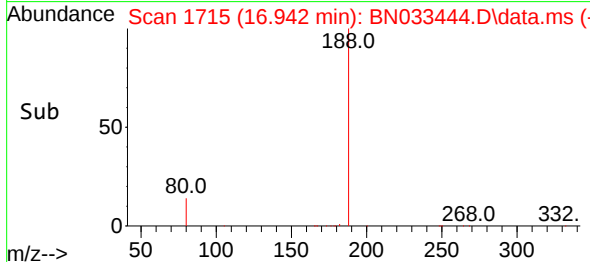
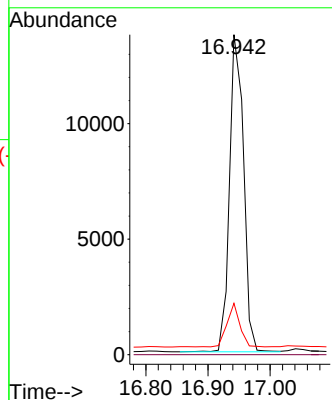
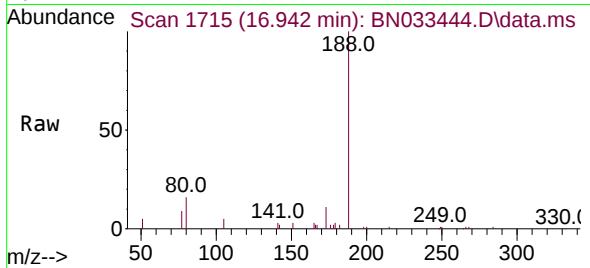




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

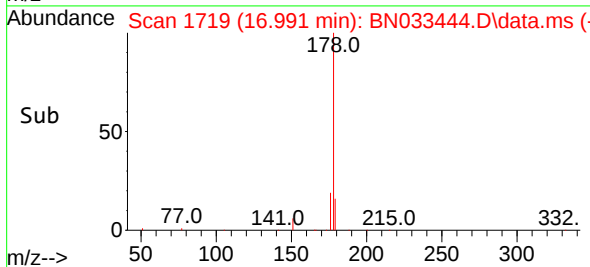
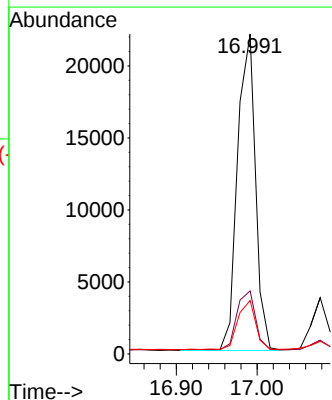
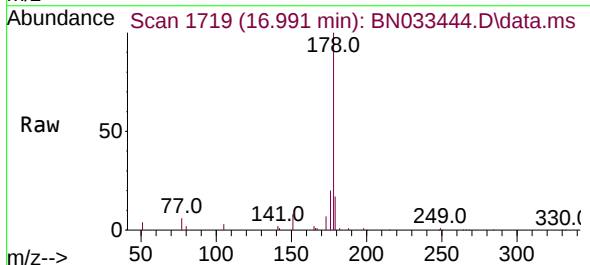
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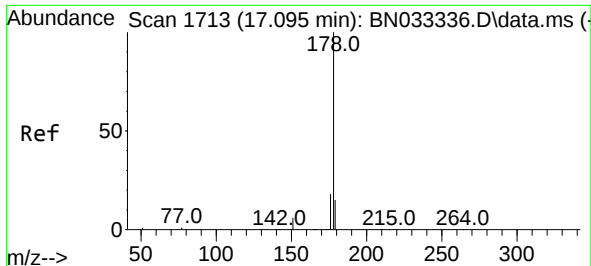
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Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.1 10.7 16.1



#25
Phenanthrene
Concen: 0.547 ng
RT: 16.991 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion:178 Resp: 34011
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.2 18.2

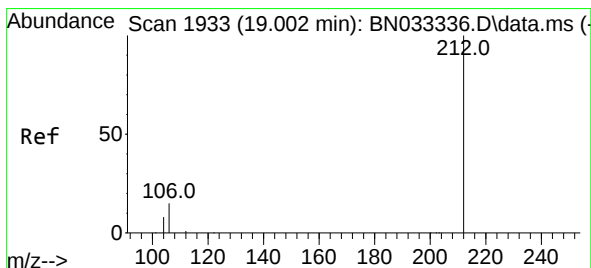
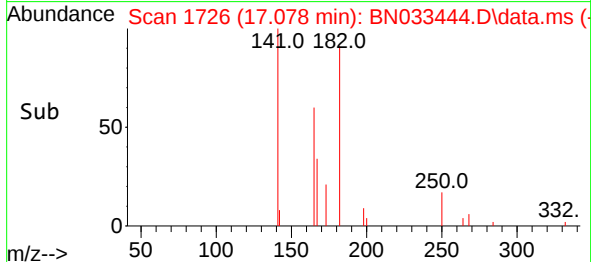
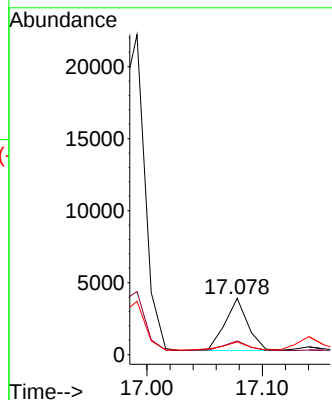
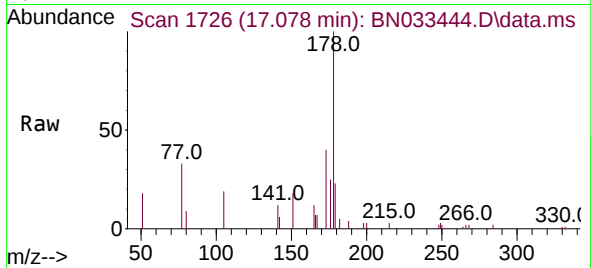




#26
 Anthracene
 Concen: 0.090 ng
 RT: 17.078 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN033444.D
 Acq: 16 Aug 2024 23:16

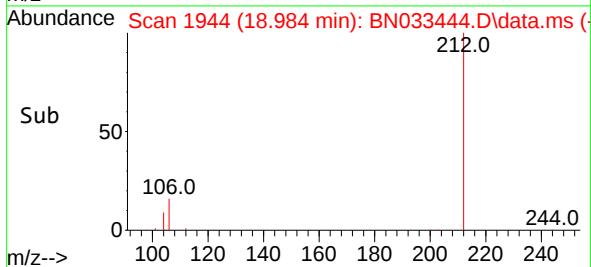
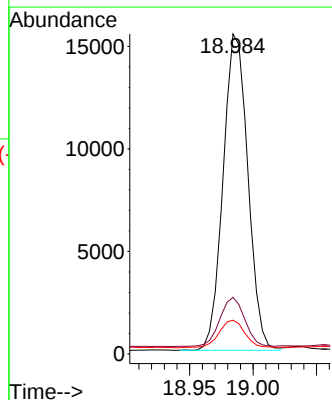
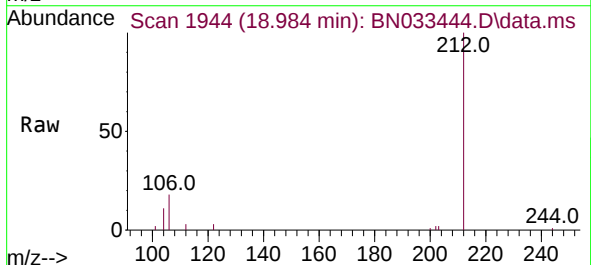
Instrument :
 BNA_N
 ClientSampleId :
 920-J-WPO-0.25-081424

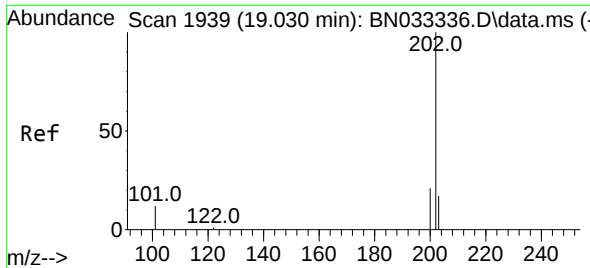
Tgt Ion:178 Resp: 4973
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.7 22.1
 179 17.2 12.2 18.2



#27
 Fluoranthene-d10
 Concen: 0.364 ng
 RT: 18.984 min Scan# 1944
 Delta R.T. -0.009 min
 Lab File: BN033444.D
 Acq: 16 Aug 2024 23:16

Tgt Ion:212 Resp: 20968
 Ion Ratio Lower Upper
 212 100
 106 15.5 12.8 19.2
 104 9.1 7.1 10.7

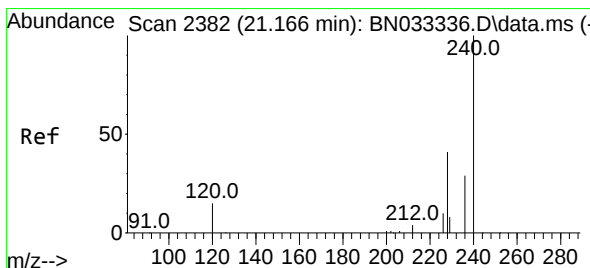
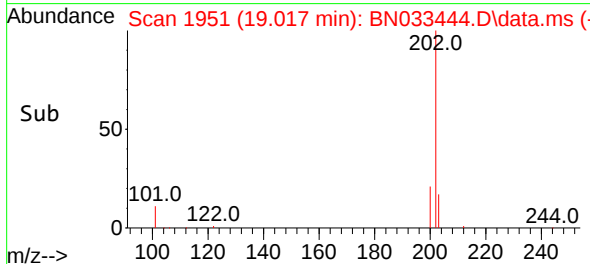
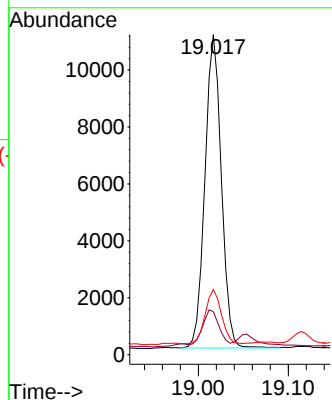
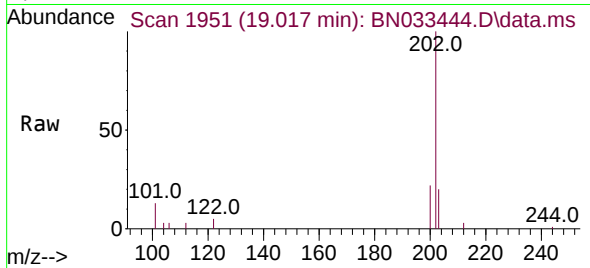




#28
Fluoranthene
Concen: 0.183 ng
RT: 19.017 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

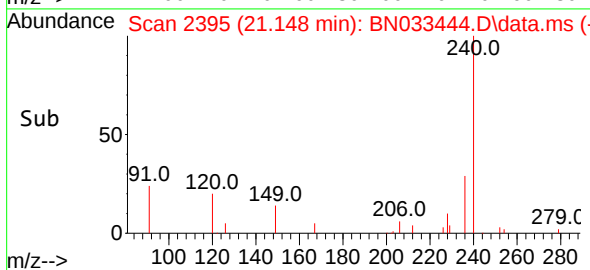
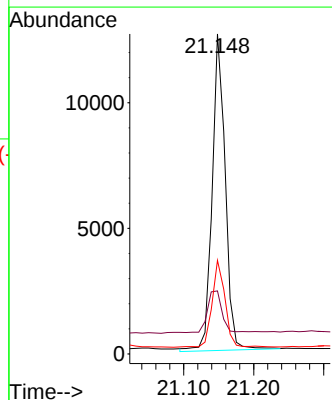
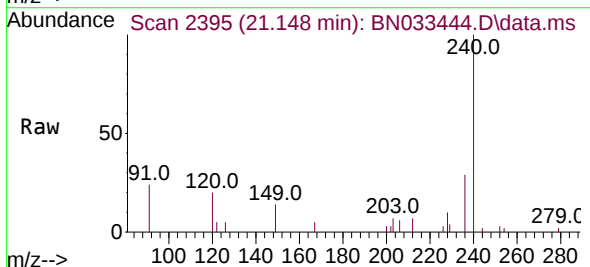
Instrument :
BNA_N
ClientSampleId :
920-J-WPO-0.25-081424

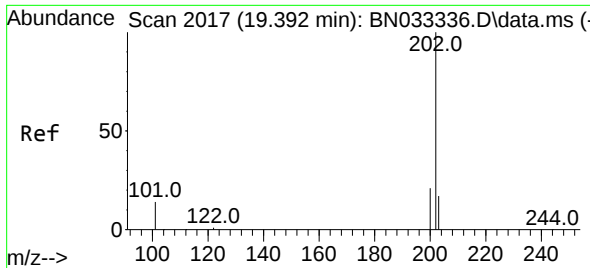
Tgt Ion:	202	Resp:	13992
Ion Ratio	Lower	Upper	
202	100		
101	13.1	9.8	14.6
203	17.0	13.8	20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion:	240	Resp:	16436
Ion Ratio	Lower	Upper	
240	100		
120	19.7	13.0	19.6
236	29.3	23.2	34.8

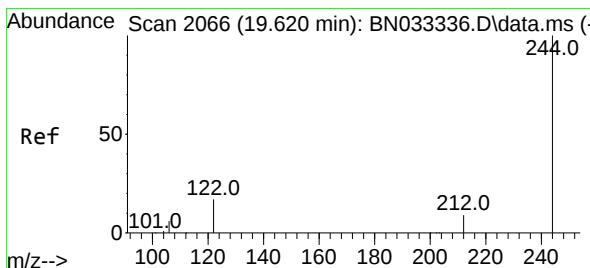
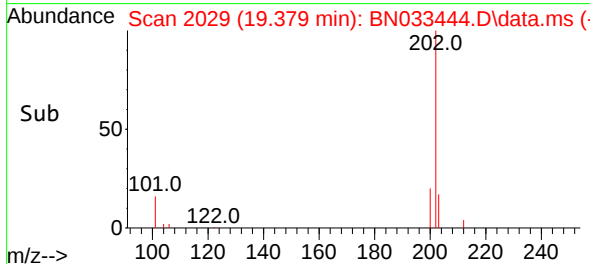
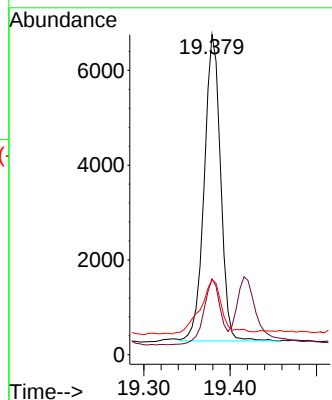
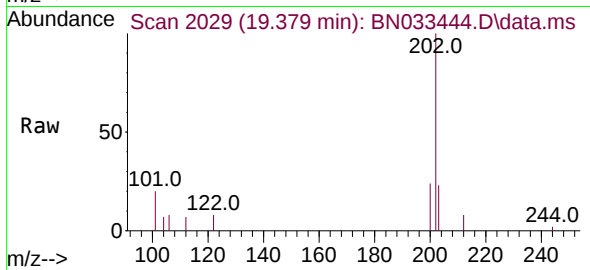




#30
Pyrene
Concen: 0.130 ng
RT: 19.379 min Scan# 2017
Delta R.T. -0.005 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

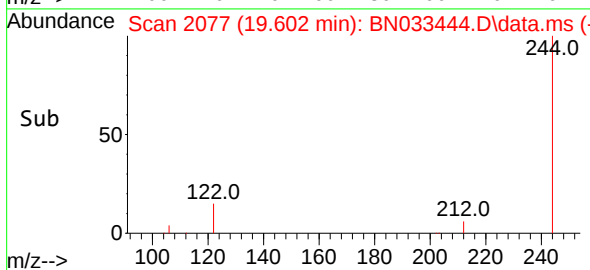
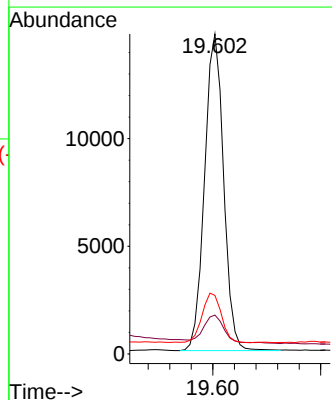
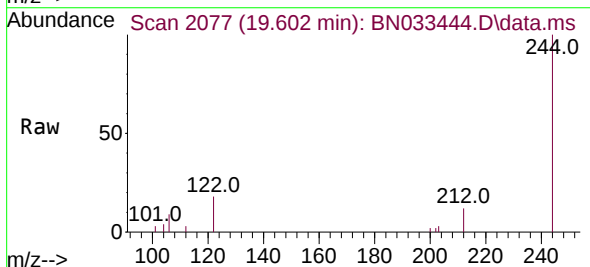
Instrument :
BNA_N
ClientSampleId :
920-J-WPO-0.25-081424

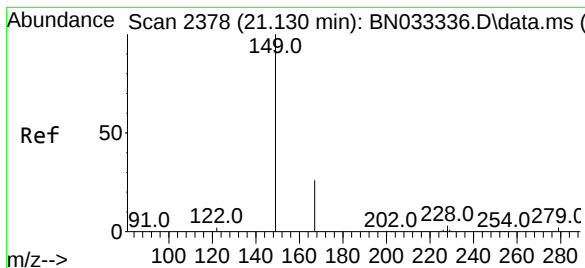
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.7	25.1
203	23.4	14.2	21.4



#31
Terphenyl-d14
Concen: 0.581 ng
RT: 19.602 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	12.2	7.7	11.5
122	18.3	14.0	21.0

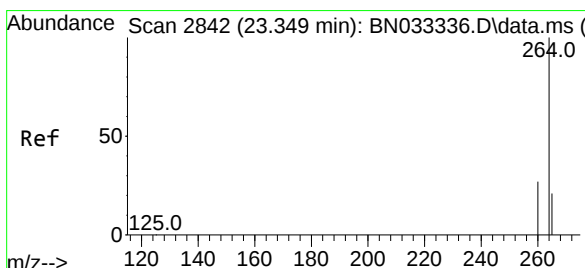
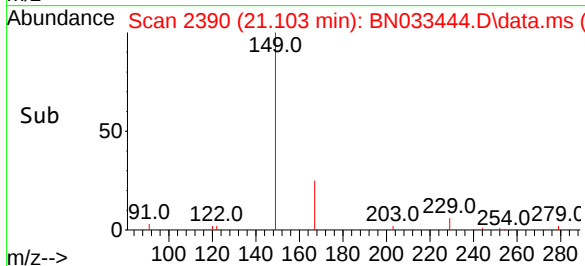
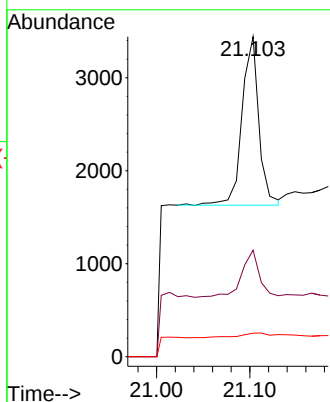
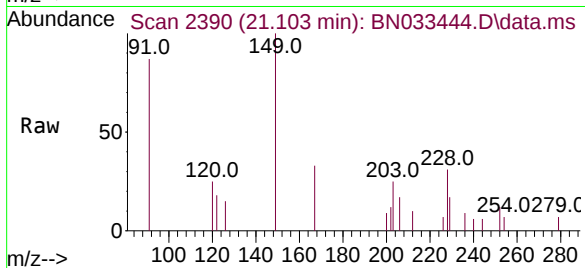




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.103 min Scan# 21103
 Delta R.T. -0.009 min
 Lab File: BN033444.D
 Acq: 16 Aug 2024 23:16

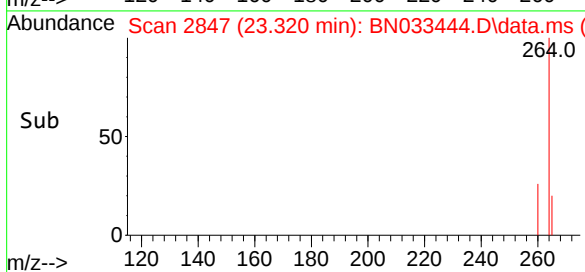
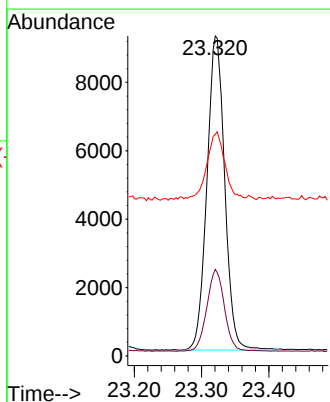
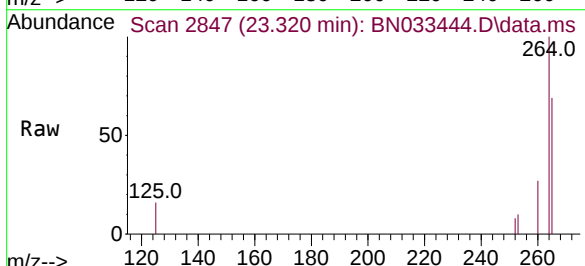
Instrument :
 BNA_N
 ClientSampleId :
 920-J-WPO-0.25-081424

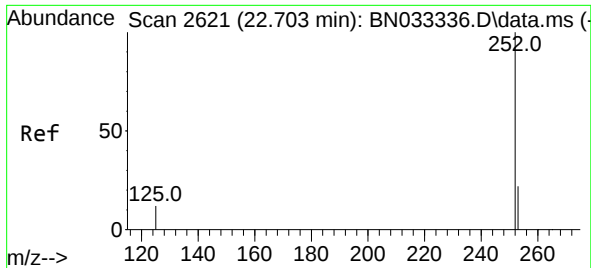
Tgt Ion:	149	Resp:	2278
Ion Ratio	Lower	Upper	
149	100		
167	31.1	20.9	31.3
279	8.0	2.2	3.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.320 min Scan# 2847
 Delta R.T. -0.012 min
 Lab File: BN033444.D
 Acq: 16 Aug 2024 23:16

Tgt Ion:	264	Resp:	16824
Ion Ratio	Lower	Upper	
264	100		
260	27.0	21.6	32.4
265	69.3	29.3	43.9#





#37

Benzo(b)fluoranthene

Concen: 0.028 ng

RT: 22.677 min Scan# 20

Delta R.T. -0.009 min

Lab File: BN033444.D

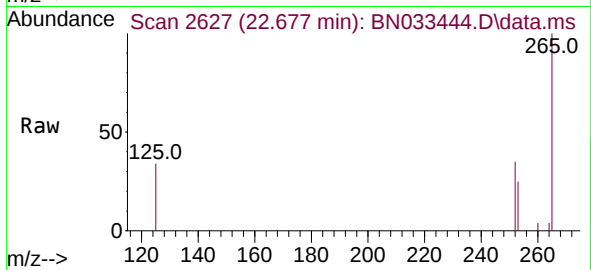
Acq: 16 Aug 2024 23:16

Instrument :

BNA_N

ClientSampleId :

920-J-WPO-0.25-081424



Tgt Ion:252 Resp: 1775

Ion Ratio Lower Upper

252 100

253 70.6 18.2 27.2#

125 96.7 11.3 16.9#

