

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042621\
 Data File : BN014444.D
 Acq On : 26 Apr 2021 14:57
 Operator : CG/JU
 Sample : M2163-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT-059-RW8-IDWSO-202104-1

Quant Time: Apr 26 15:32:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 12:30:05 2021
 Response via : Initial Calibration

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

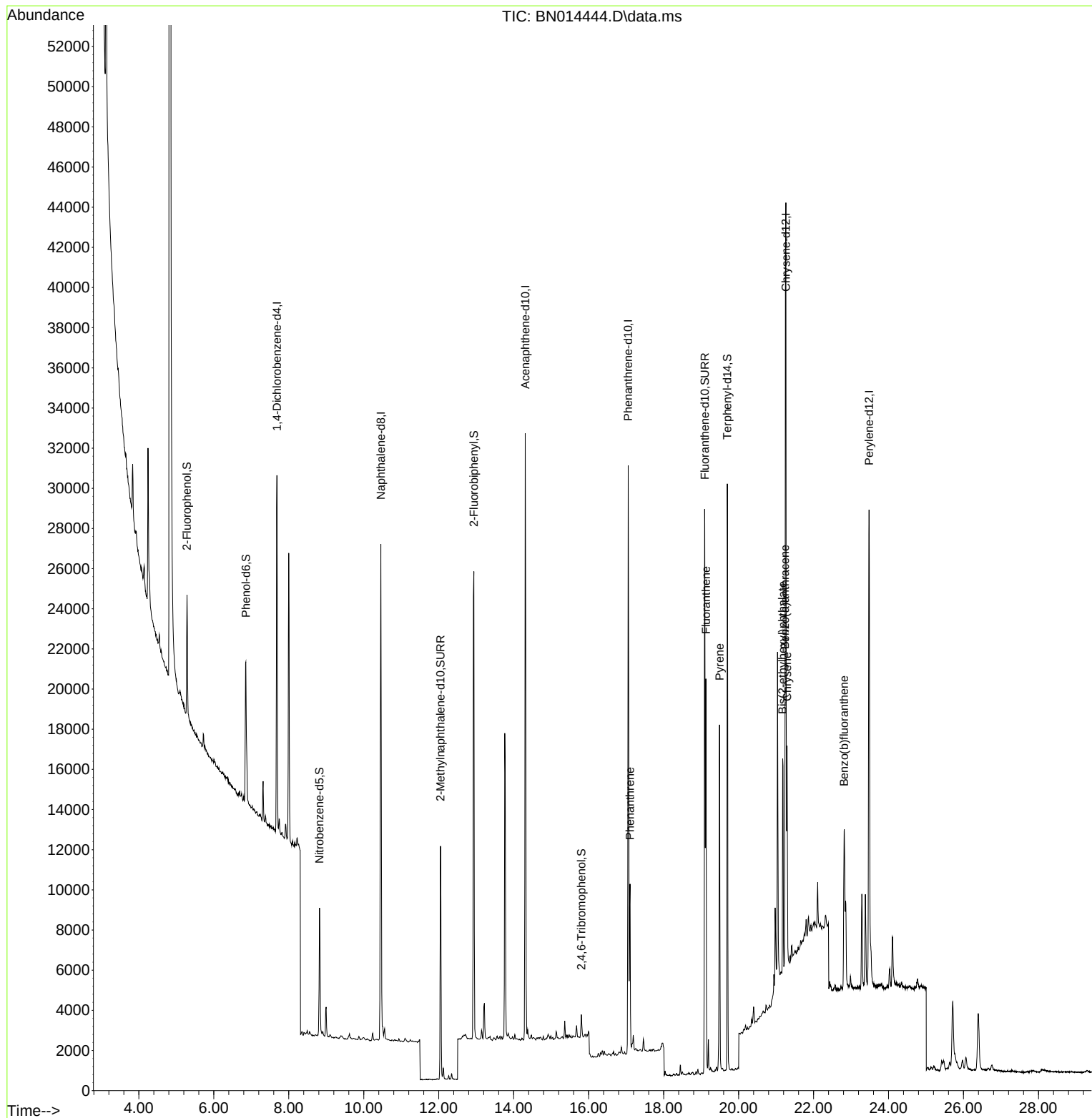
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	8811	0.40	ng	0.00
7) Naphthalene-d8	10.454	136	33463	0.40	ng	0.00
13) Acenaphthene-d10	14.308	164	18157	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	40067	0.40	ng	# 0.00
29) Chrysene-d12	21.261	240	38142	0.40	ng	# 0.00
36) Perylene-d12	23.479	264	33249	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	5130	0.28	ng	0.00
5) Phenol-d6	6.855	99	7396	0.33	ng	0.00
8) Nitrobenzene-d5	8.819	82	5680	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.049	152	16350	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	836	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.938	172	23981	0.33	ng	0.01
27) Fluoranthene-d10	19.099	212	32440	0.31	ng	0.00
31) Terphenyl-d14	19.700	244	29109	0.36	ng	0.00
Target Compounds						
25) Phenanthrene	17.104	178	9387	0.08	ng	Qvalue 99
28) Fluoranthene	19.129	202	17947	0.15	ng	99
30) Pyrene	19.491	202	15942	0.14	ng	97
32) Benzo(a)anthracene	21.239	228	7237	0.07	ng	93
33) Chrysene	21.292	228	9905	0.08	ng	94
34) Bis(2-ethylhexyl)phtha...	21.176	149	11474	0.32	ng	99
37) Benzo(b)fluoranthene	22.815	252	11753	0.10	ng	# 67

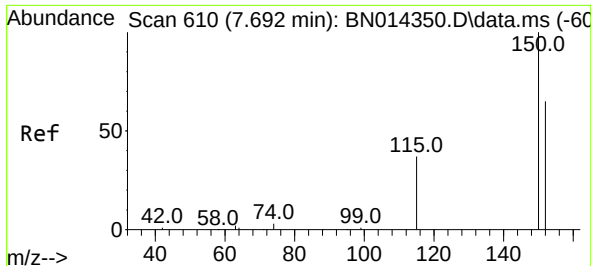
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042621\
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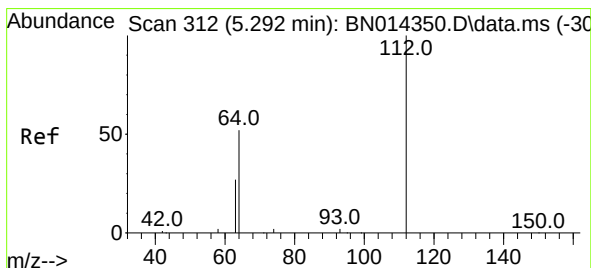
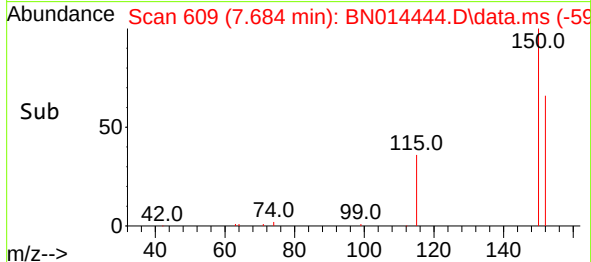
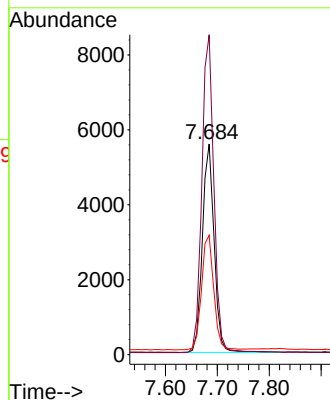
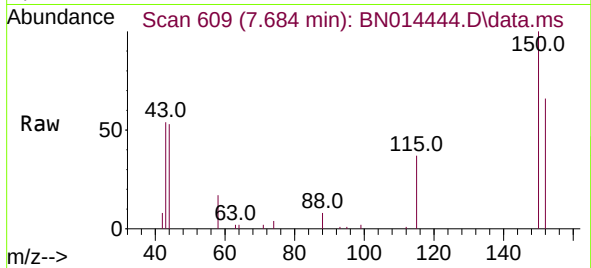




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.684 min Scan# 609
 Delta R.T. 0.008 min
 Lab File: BN014444.D
 Acq: 26 Apr 2021 14:57

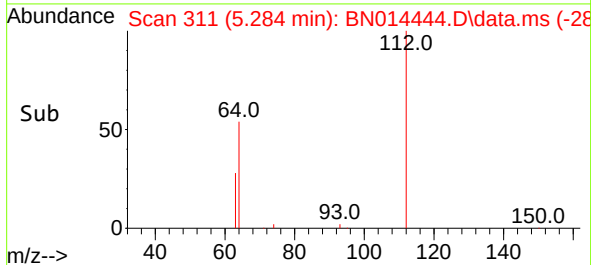
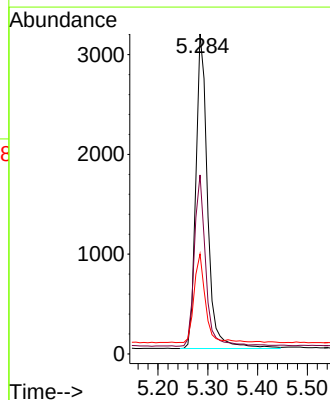
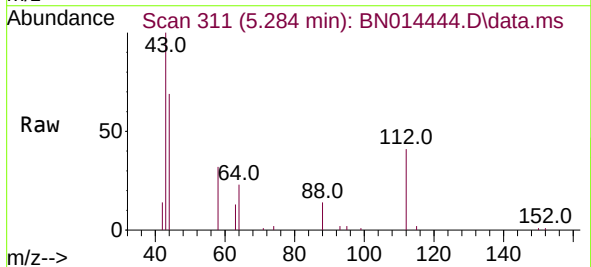
Instrument :
 BNA_N
 ClientSampleId :
 TT-059-RW8-IDWSO-202104-1

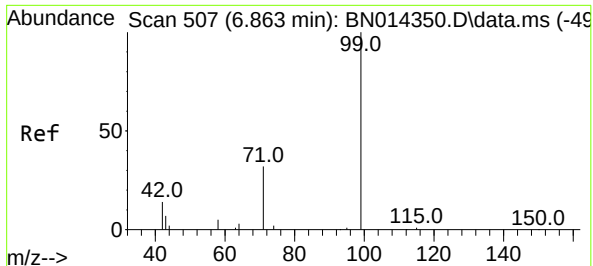
Tgt Ion:152 Resp: 8811
 Ion Ratio Lower Upper
 152 100
 150 151.9 123.4 185.2
 115 56.6 47.5 71.3



#4
 2-Fluorophenol
 Concen: 0.28 ng
 RT: 5.284 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: BN014444.D
 Acq: 26 Apr 2021 14:57

Tgt Ion:112 Resp: 5130
 Ion Ratio Lower Upper
 112 100
 64 52.5 43.0 64.6
 63 27.2 23.4 35.0

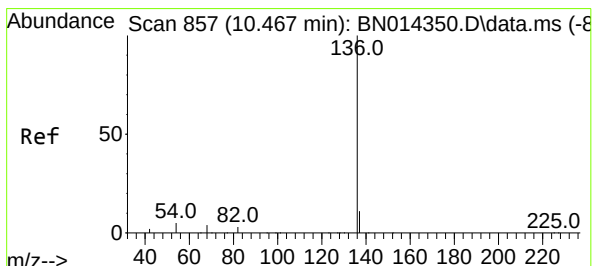
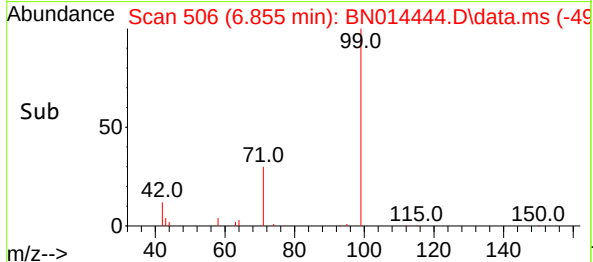
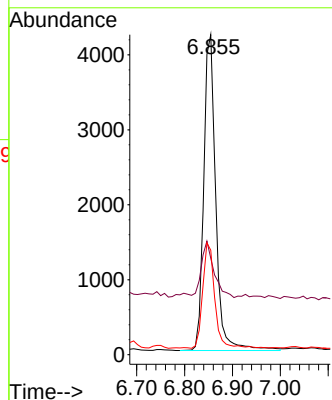
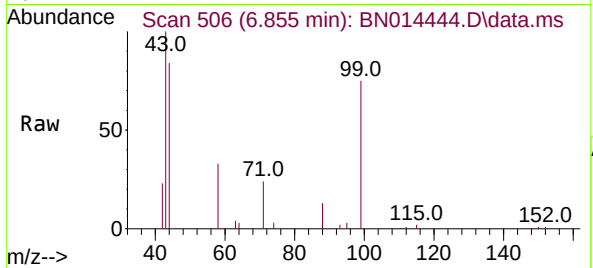




#5
Phenol-d6
Concen: 0.33 ng
RT: 6.855 min Scan# 506
Delta R.T. 0.008 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

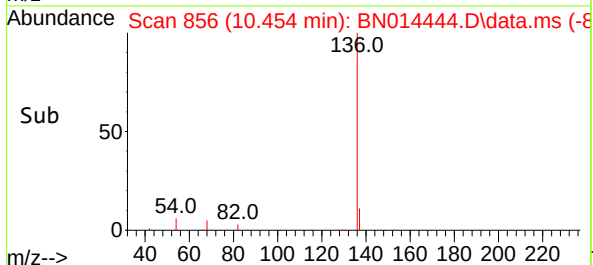
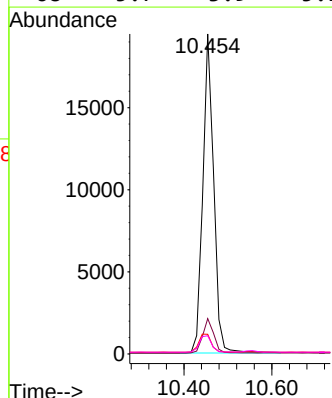
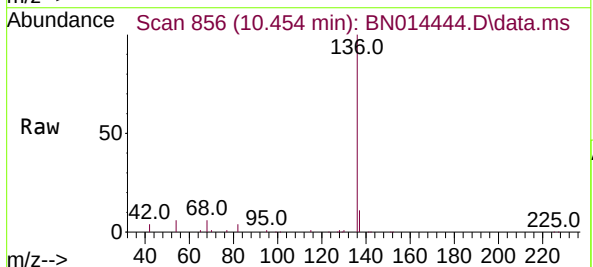
Instrument :
BNA_N
ClientSampleId :
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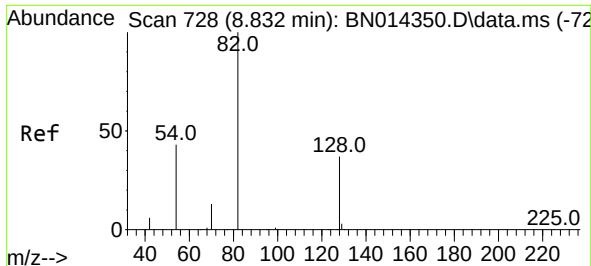
Tgt Ion:	99	Resp:	7396
Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.0	24.0
71	33.1	27.8	41.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.454 min Scan# 856
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

Tgt Ion:	136	Resp:	33463
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	6.1	4.4	6.6
68	5.7	3.9	5.9

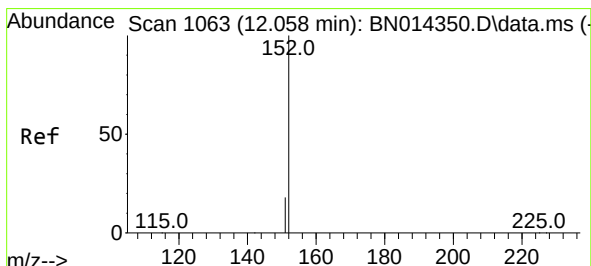
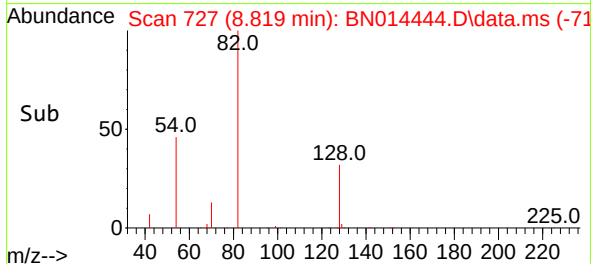
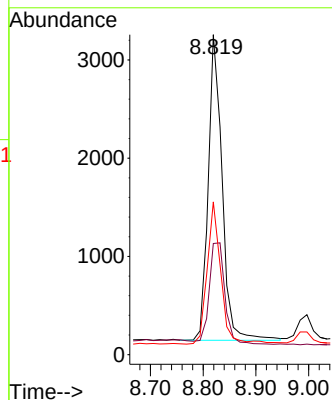
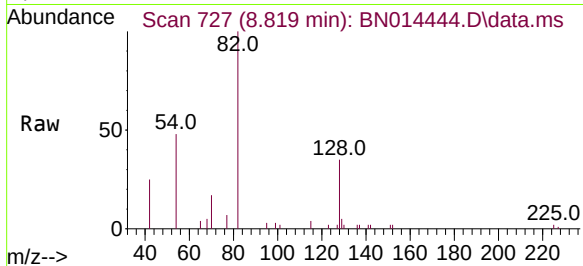




#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.819 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

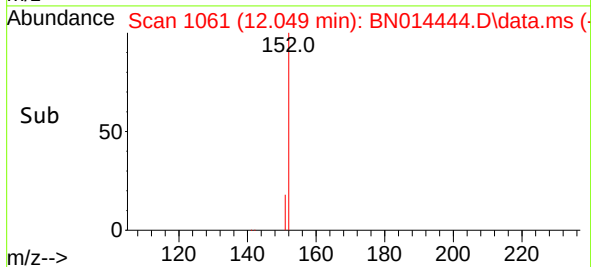
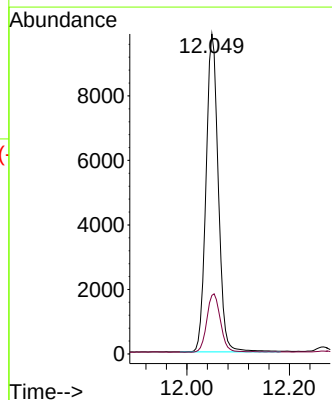
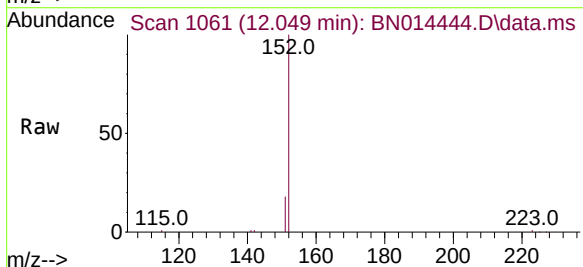
Instrument :
BNA_N
ClientSampleId :
TT-059-RW8-IDWSO-202104-1

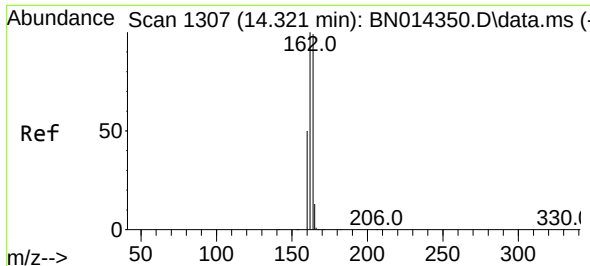
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.8	30.3	45.5
54	47.7	35.8	53.8



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.049 min Scan# 1061
Delta R.T. 0.004 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5

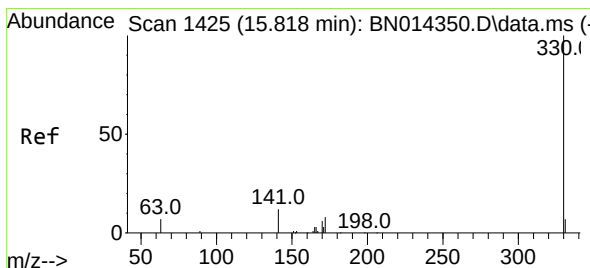
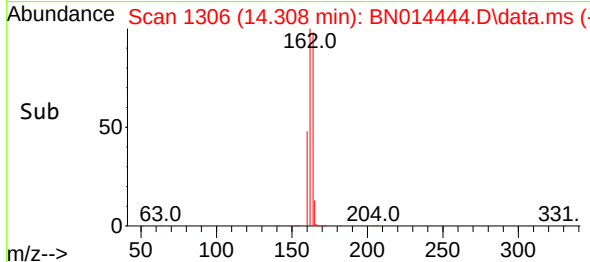
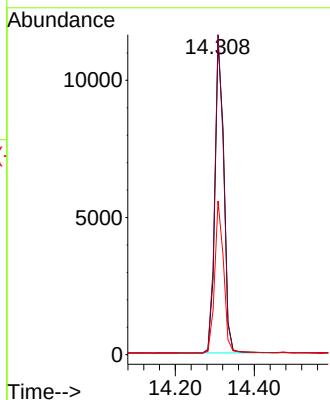
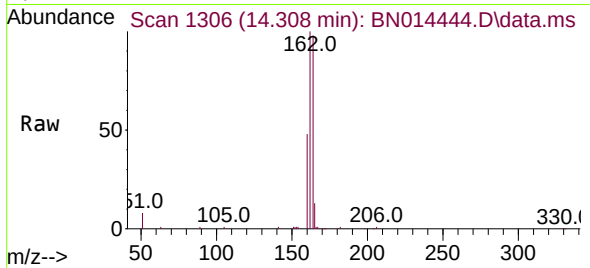




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.308 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

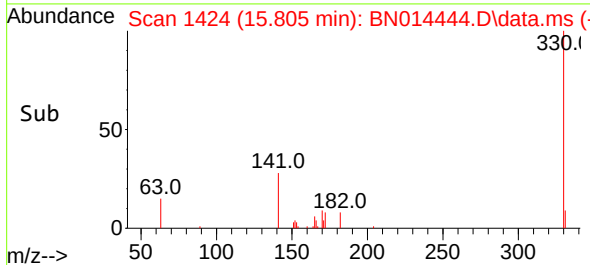
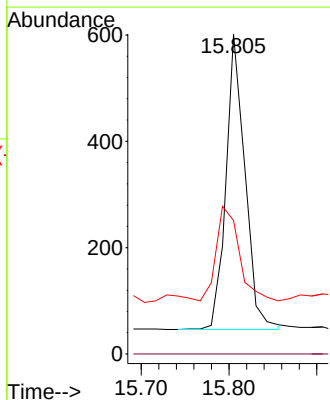
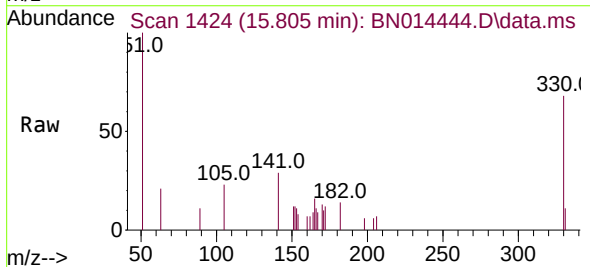
Instrument :
BNA_N
ClientSampleId :
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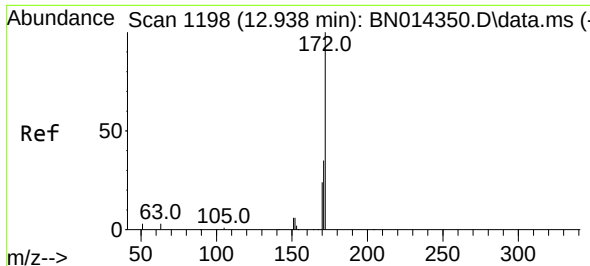
Tgt Ion:164 Resp: 18157
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.6
160 49.1 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.14 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

Tgt Ion:330 Resp: 836
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.5 26.2 39.2

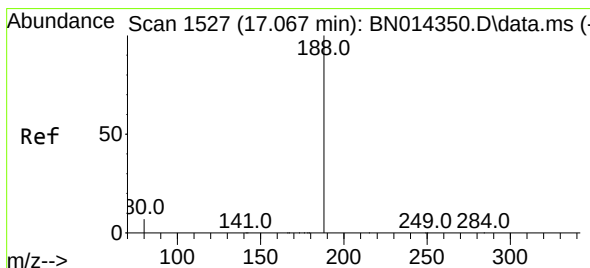
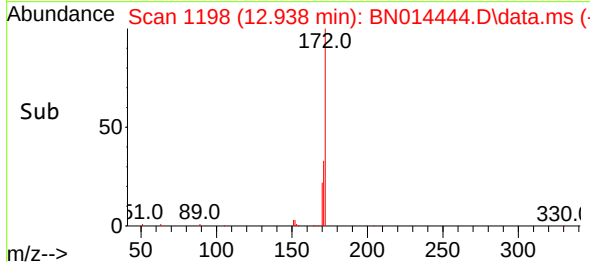
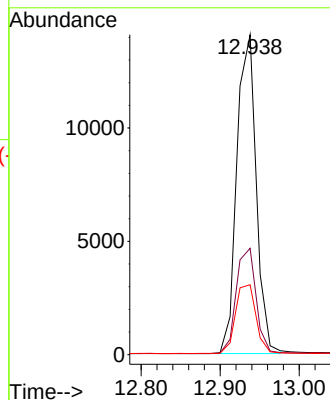
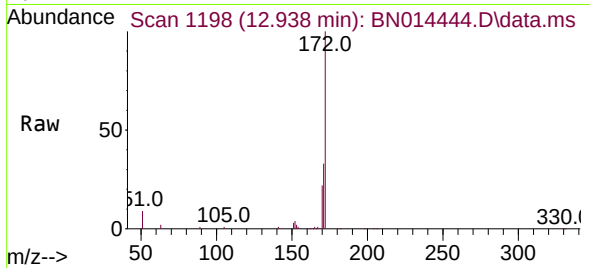




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.938 min Scan# 1198
Delta R.T. 0.013 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

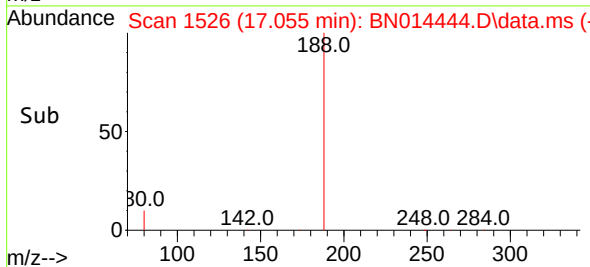
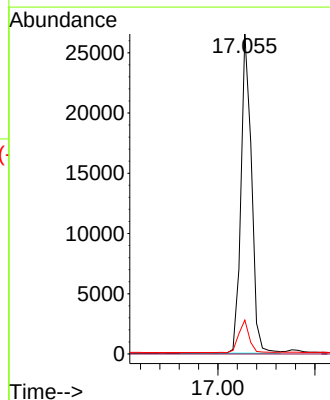
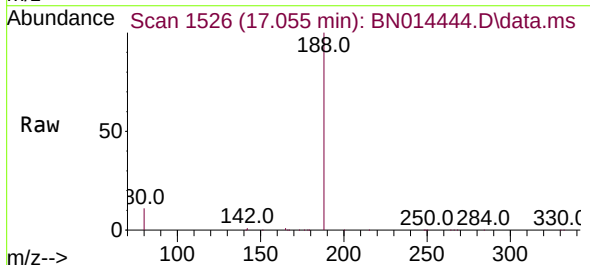
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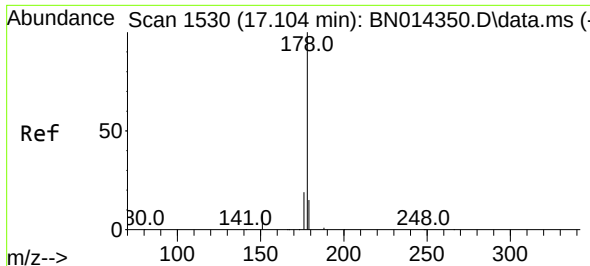
Tgt Ion:172	Resp:	23981
Ion Ratio	Lower	Upper
172	100	
171	33.2	28.2 42.2
170	21.8	19.6 29.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

Tgt Ion:188	Resp:	40067
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.6	6.2 9.4

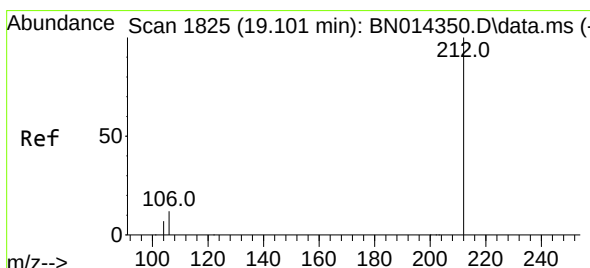
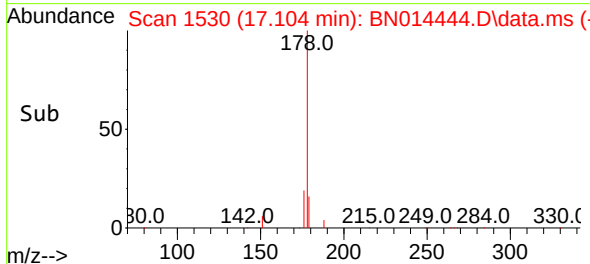
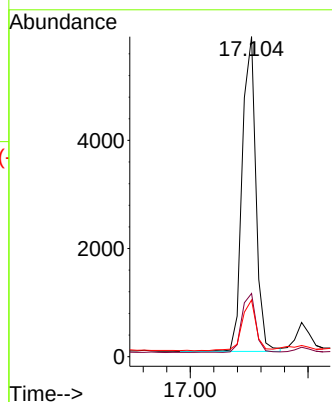
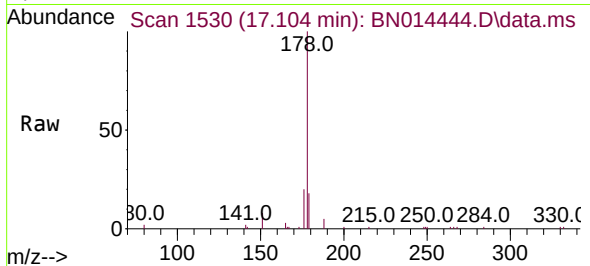




#25
Phenanthrene
Concen: 0.08 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

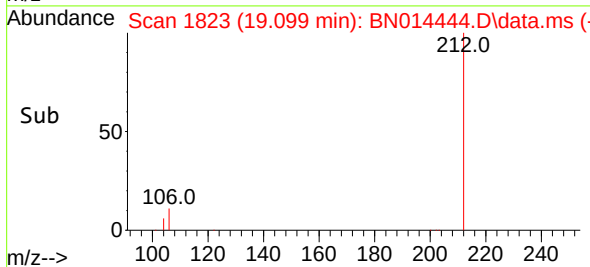
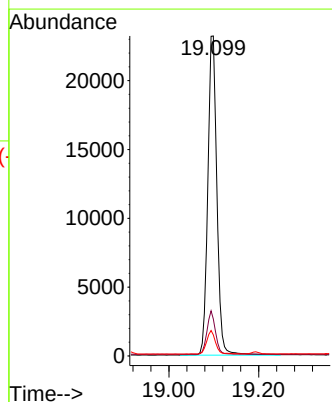
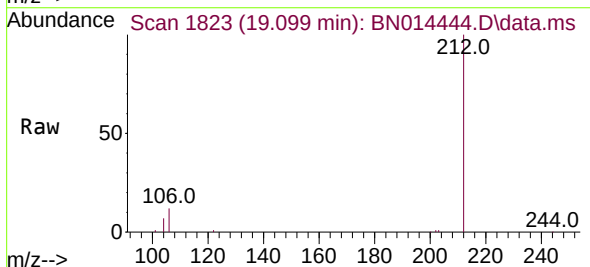
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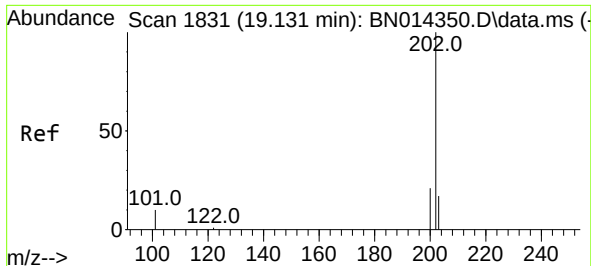
Tgt Ion:	178	Resp:	9387
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.2	22.8
179	16.6	12.2	18.4



#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.099 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

Tgt Ion:	212	Resp:	32440
Ion Ratio	Lower	Upper	
212	100		
106	12.7	9.7	14.5
104	7.3	5.4	8.0

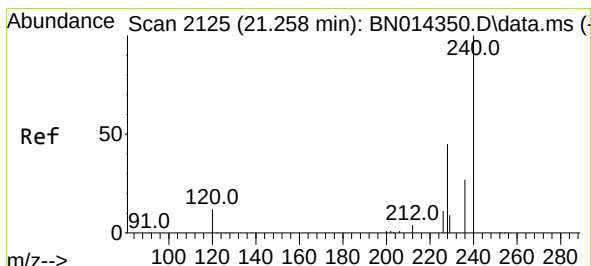
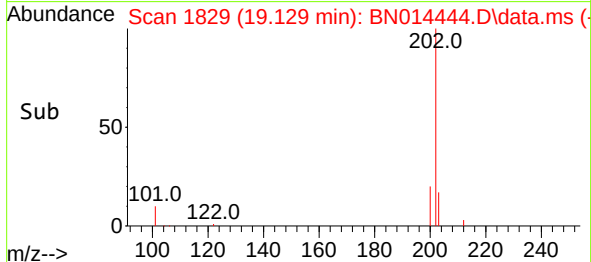
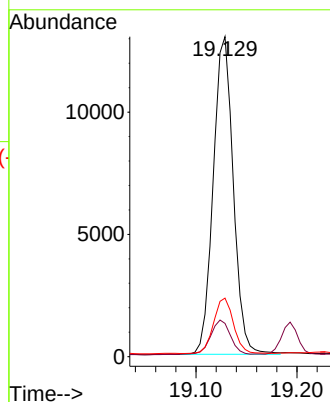
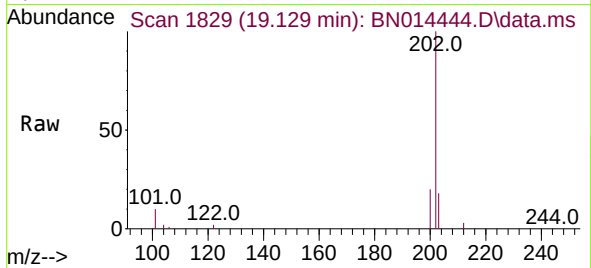




#28
Fluoranthene
Concen: 0.15 ng
RT: 19.129 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

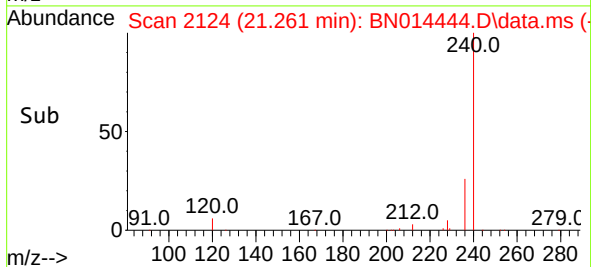
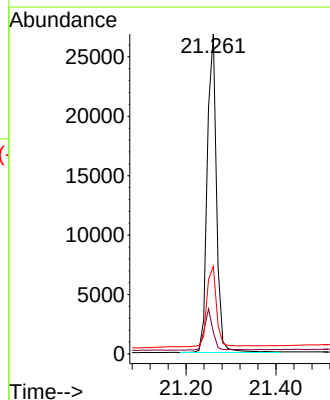
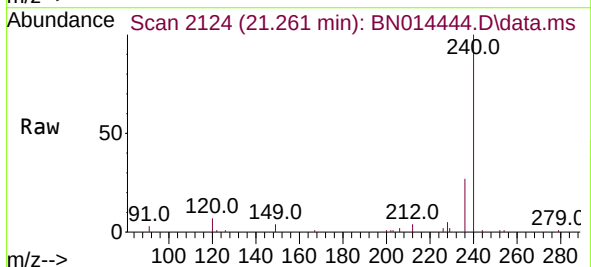
Instrument :
BNA_N
ClientSampleId :
TT-059-RW8-IDWSO-202104-1

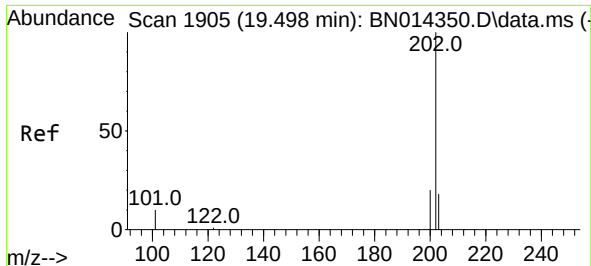
Tgt Ion:202	Resp:	17947
Ion Ratio	Lower	Upper
202	100	
101	11.1	8.2 12.4
203	17.3	13.8 20.6



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.261 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

Tgt Ion:240	Resp:	38142
Ion Ratio	Lower	Upper
240	100	
120	6.8	10.7 16.1#
236	27.3	21.5 32.3

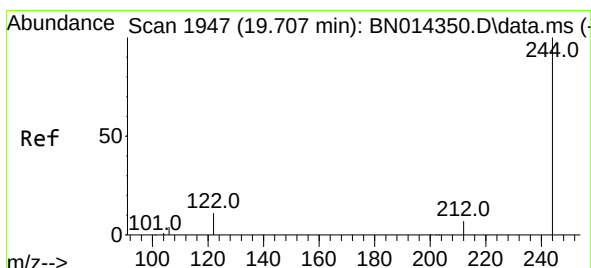
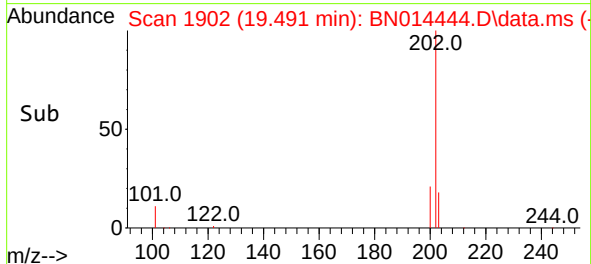
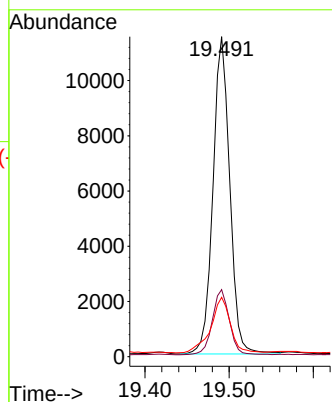
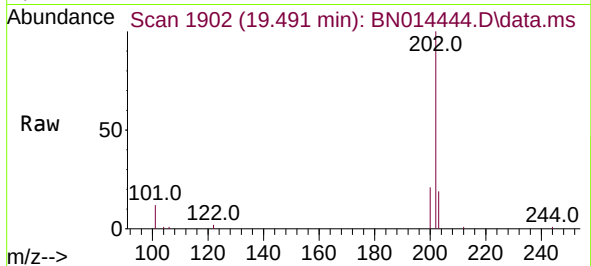




#30
Pyrene
Concen: 0.14 ng
RT: 19.491 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

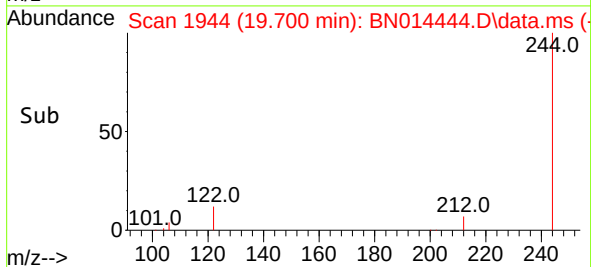
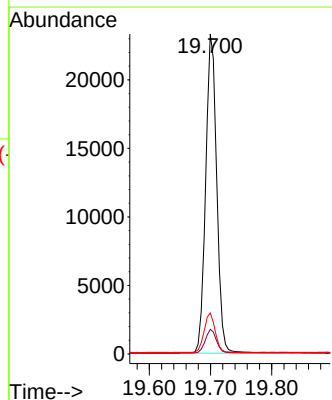
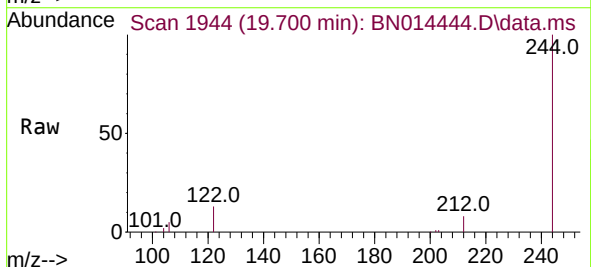
Instrument :
BNA_N
ClientSampleId :
TT-059-RW8-IDWSO-202104-1

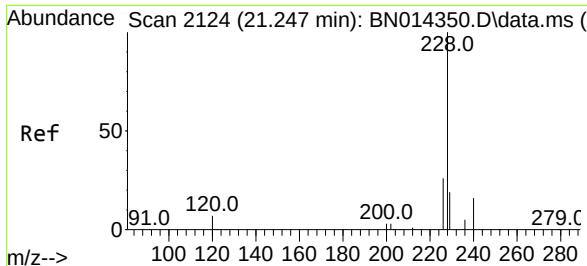
Tgt Ion:202	Resp:	15942
Ion Ratio	Lower	Upper
202	100	
200	20.8	16.6 24.8
203	20.5	14.1 21.1



#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.700 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

Tgt Ion:244	Resp:	29109
Ion Ratio	Lower	Upper
244	100	
212	7.7	6.2 9.4
122	12.8	9.3 13.9

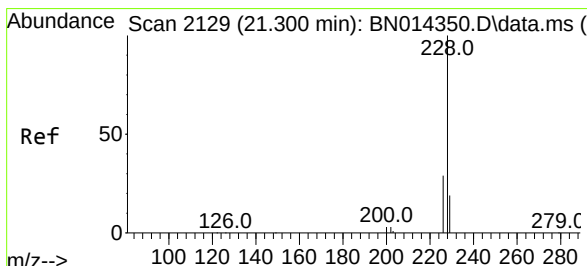
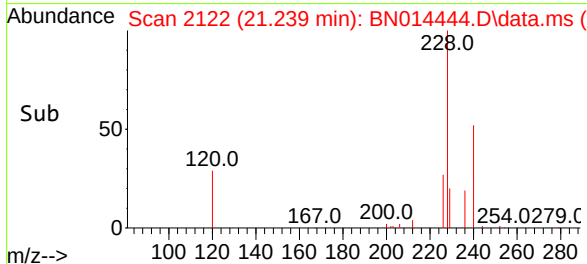
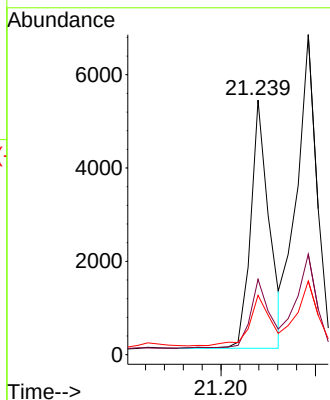
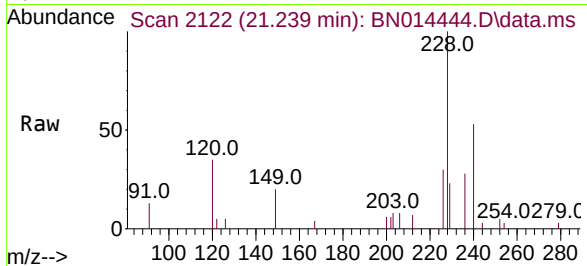




#32
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

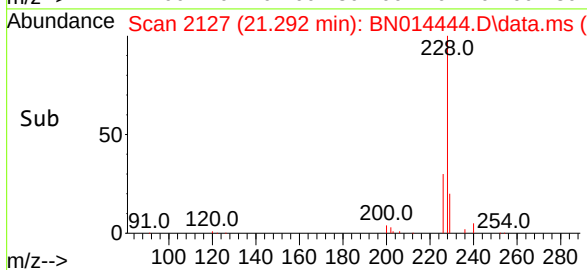
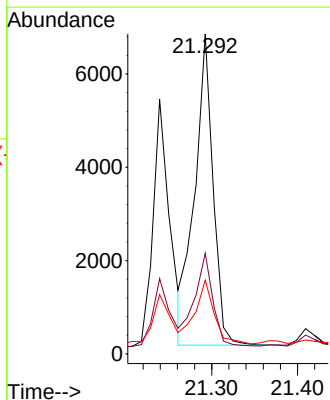
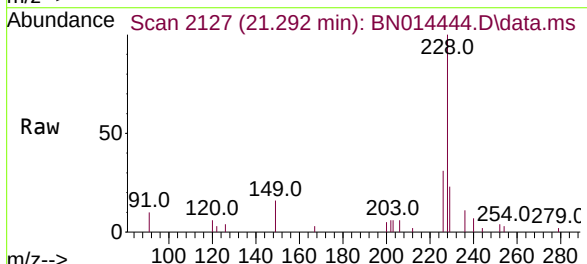
Instrument :
BNA_N
ClientSampleId :
TT-059-RW8-IDWSO-202104-1

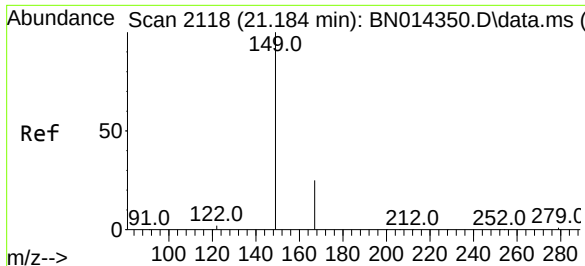
Tgt Ion:228 Resp: 7237
Ion Ratio Lower Upper
228 100
226 29.6 21.3 31.9
229 23.3 15.7 23.5



#33
Chrysene
Concen: 0.08 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

Tgt Ion:228 Resp: 9905
Ion Ratio Lower Upper
228 100
226 31.4 23.1 34.7
229 23.1 15.7 23.5

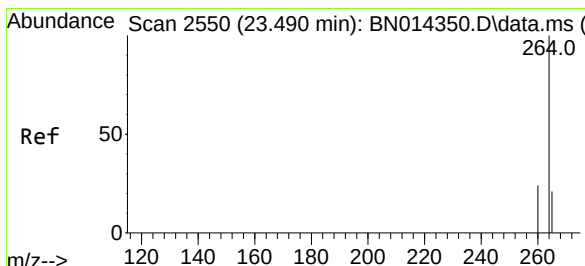
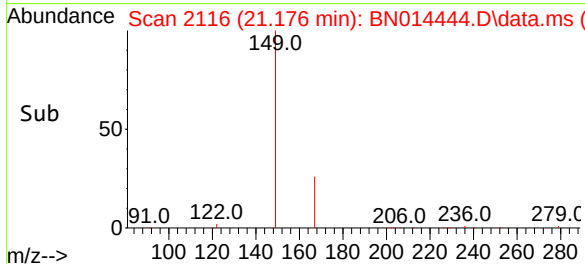
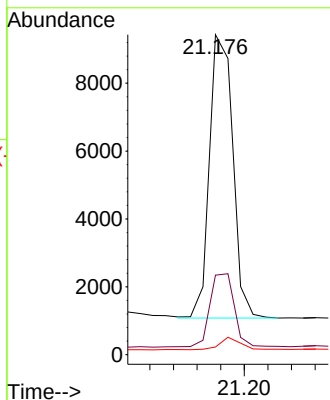
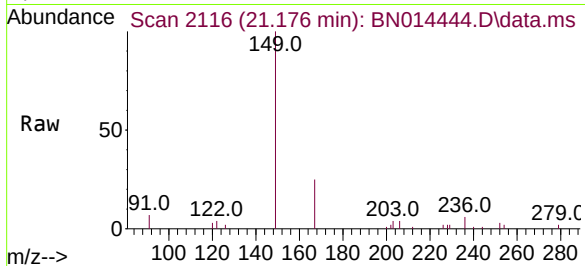




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.32 ng
 RT: 21.176 min Scan# 2116
 Delta R.T. -0.011 min
 Lab File: BN014444.D
 Acq: 26 Apr 2021 14:57

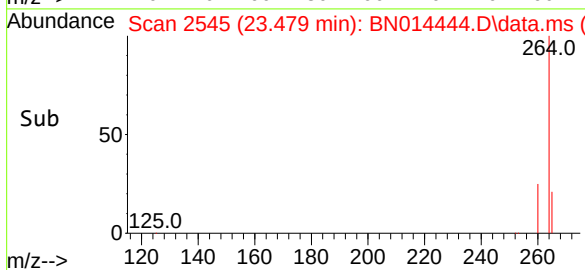
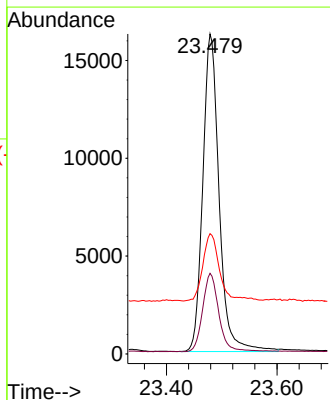
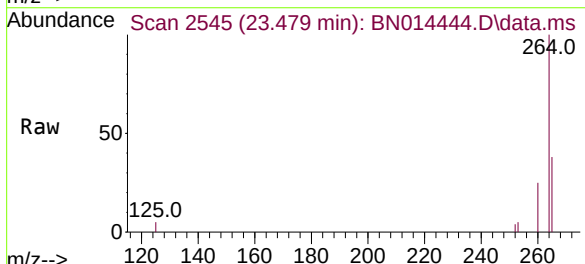
Instrument :
 BNA_N
 ClientSampleId :
 TT-059-RW8-IDWSO-202104-1

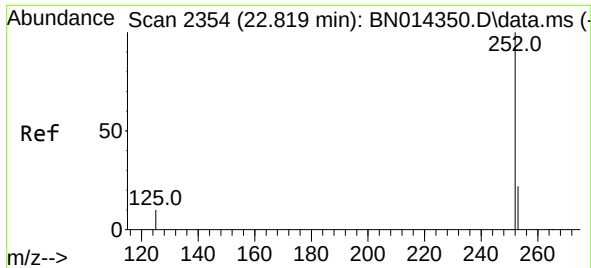
Tgt Ion:149	Resp:	11474
Ion Ratio	Lower	Upper
149	100	
167	27.4	21.3 31.9
279	4.2	3.1 4.7



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.479 min Scan# 2545
 Delta R.T. -0.004 min
 Lab File: BN014444.D
 Acq: 26 Apr 2021 14:57

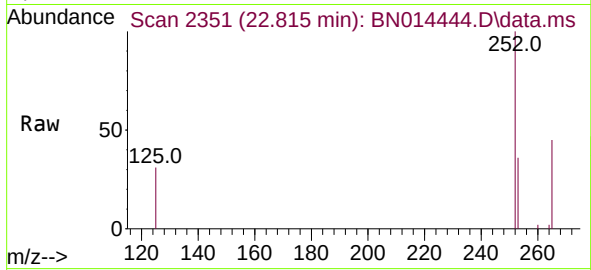
Tgt Ion:264	Resp:	33249
Ion Ratio	Lower	Upper
264	100	
260	25.2	19.8 29.6
265	37.6	34.4 51.6





#37
 Benzo(b)fluoranthene
 Concen: 0.10 ng
 RT: 22.815 min Scan# 2351
 Delta R.T. -0.004 min
 Lab File: BN014444.D
 Acq: 26 Apr 2021 14:57

Instrument :
 BNA_N
 ClientSampleId :
 TT-059-RW8-IDWSO-202104-1



Tgt Ion:252 Resp: 11753
 Ion Ratio Lower Upper
 252 100
 253 36.0 19.0 28.6#
 125 31.1 9.7 14.5#

