

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)

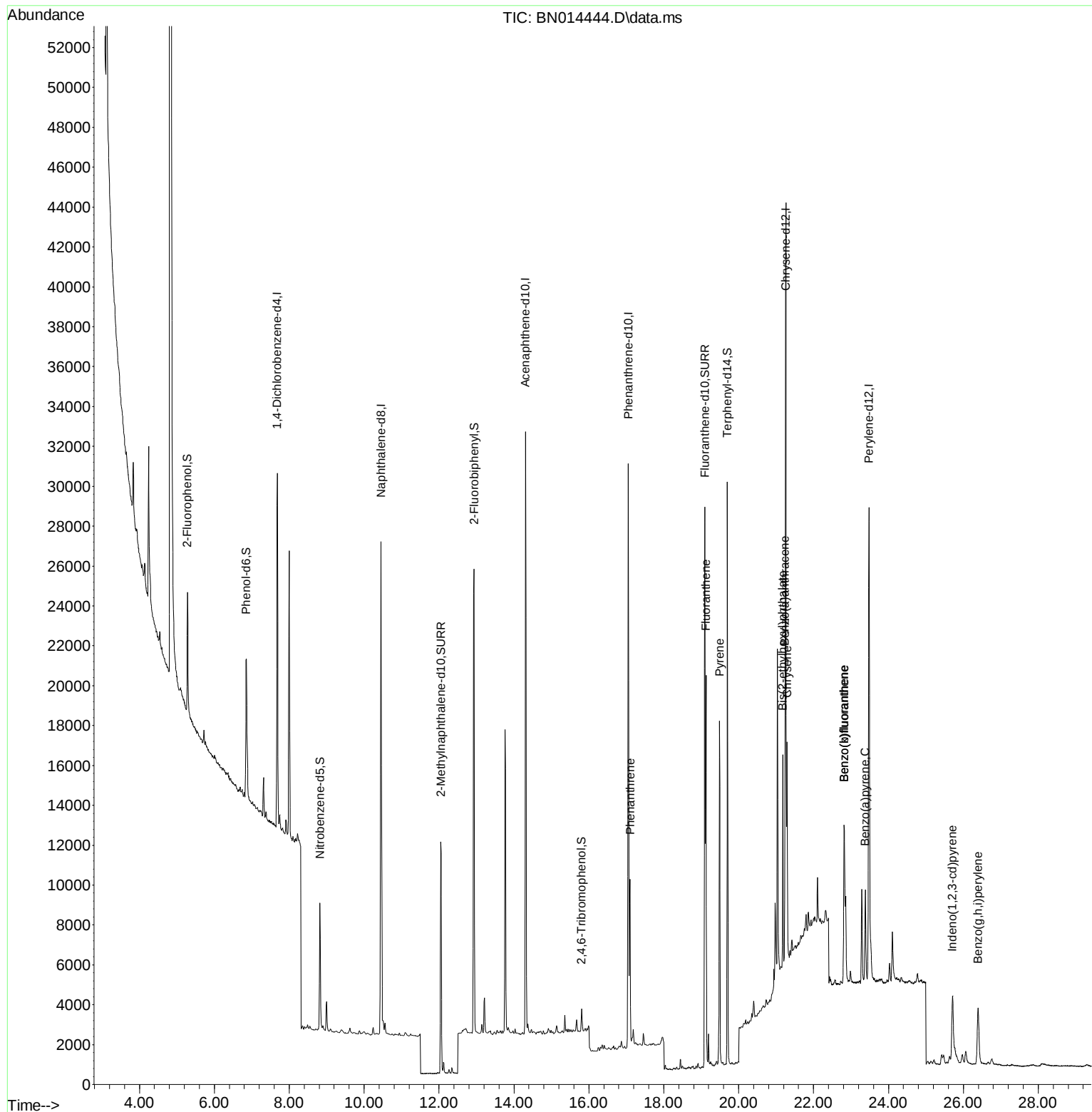
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	8811	0.40	ng	0.00
7) Naphthalene-d8	10.454	136	33463	0.40	ng	0.00
13) Acenaphthene-d10	14.308	164	18157	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	40067	0.40	ng	# 0.00
29) Chrysene-d12	21.261	240	38142	0.40	ng	# 0.00
36) Perylene-d12	23.479	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						Qvalue
25) Phenanthrene	17.104	178	9387	0.08	ng	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
35) Indeno(1,2,3-cd)pyrene	25.711	276	5531	0.04	ng	# 94
37) Benzo(b)fluoranthene	22.815	252	11753	0.10	ng	# 67
38) Benzo(k)fluoranthene	22.815	252	11753	0.09	ng	# 67
39) Benzo(a)pyrene	23.380	252	6172	0.06	ng	# 58
41) Benzo(g,h,i)perylene	26.392	276	6424	0.05	ng	# 84

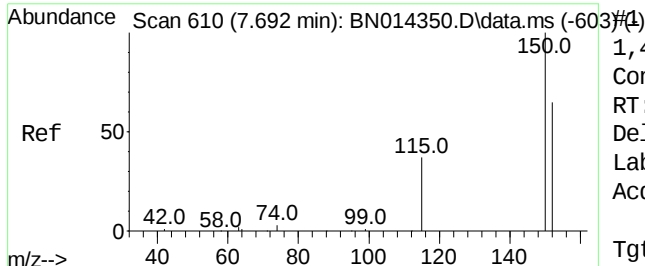
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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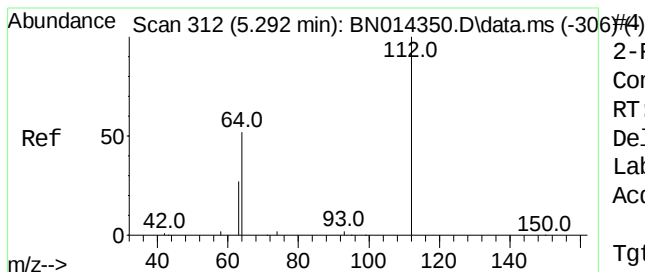
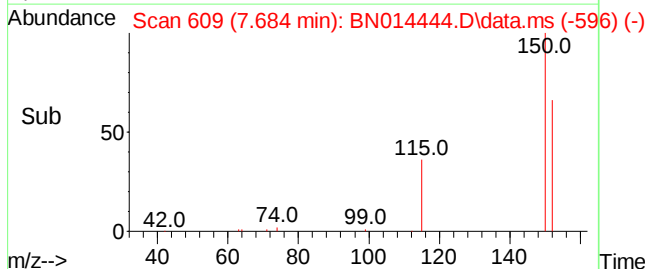
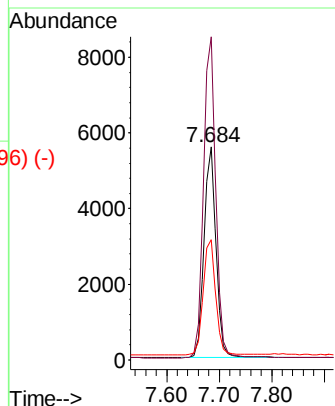
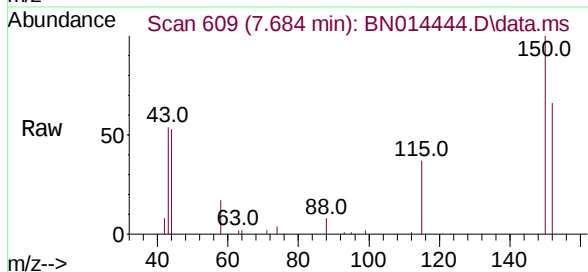




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.684 min Scan# 609
 Delta R.T. 0.008 min
 Lab File: BN014444.D
 Acq: 26 Apr 2021 14:57

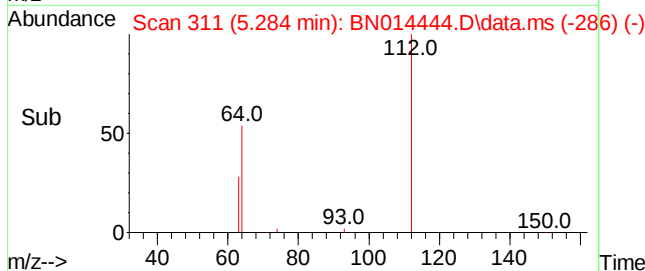
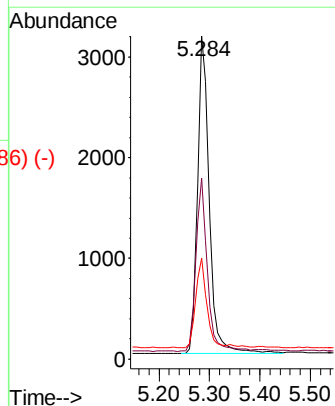
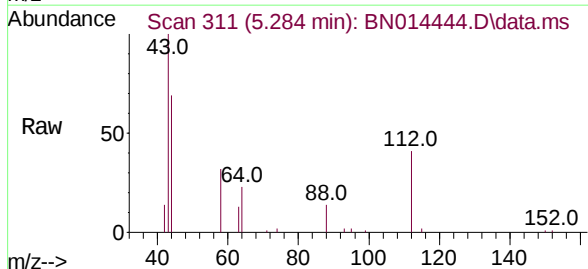
Instrument :
 BNA_N
 ClientSampleId :
 TT-059-RW8-IDWSO-202104-1

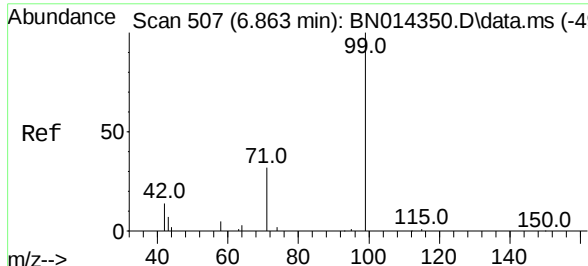
Tgt Ion:	152	Resp:	8811
Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.4	185.2
115	56.6	47.5	71.3



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

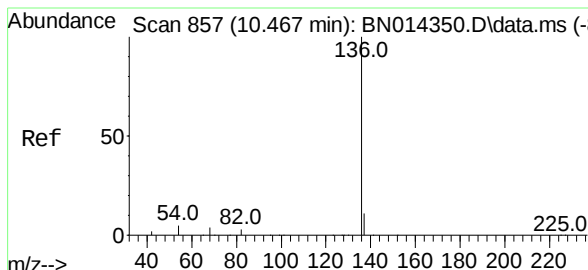
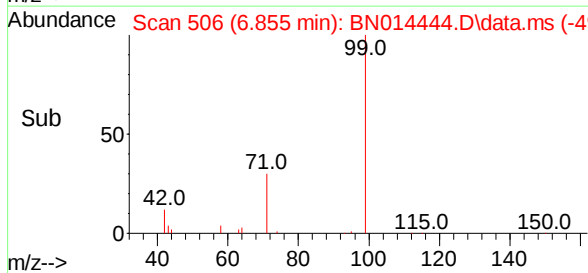
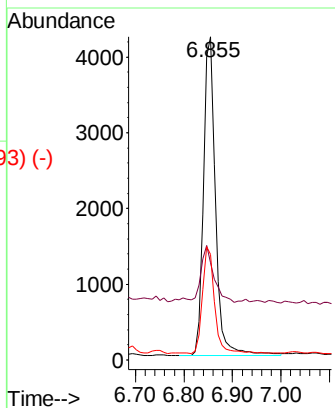
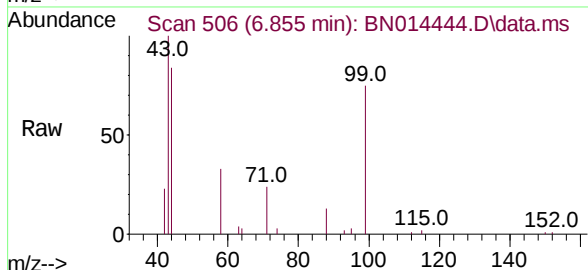




Phenol-d6
 Concen: 0.33 ng
 RT: 6.855 min Scan# 506
 Delta R.T. 0.008 min
 Lab File: BN014444.D
 Acq: 26 Apr 2021 14:57

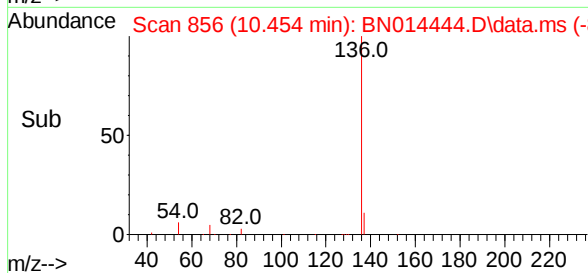
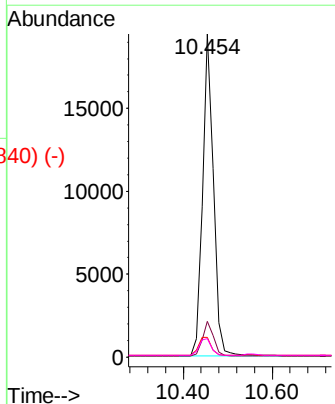
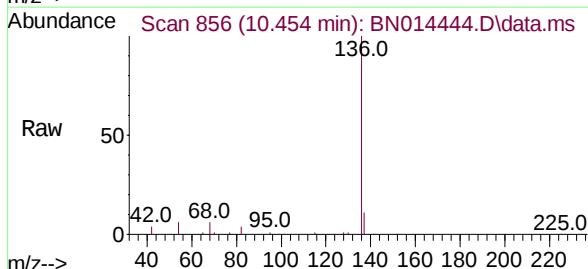
Instrument :
 BNA_N
 ClientSampleId :
 TT-059-RW8-IDWSO-202104-1

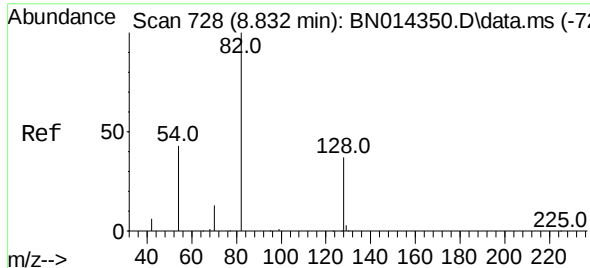
Tgt Ion:	99	Resp:	7396
Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.0	24.0
71	33.1	27.8	41.8



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

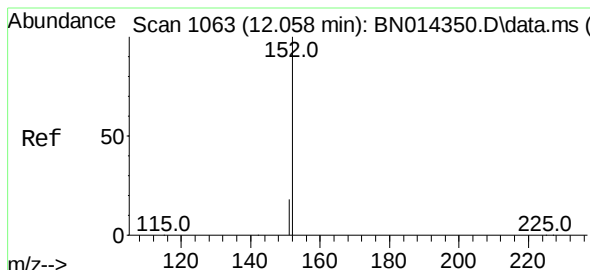
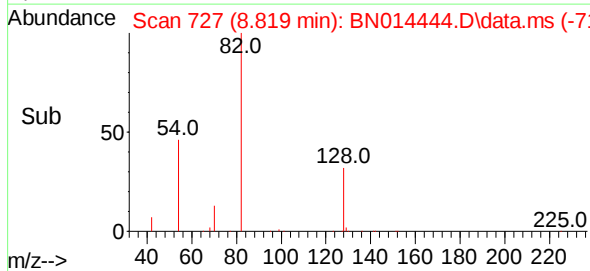
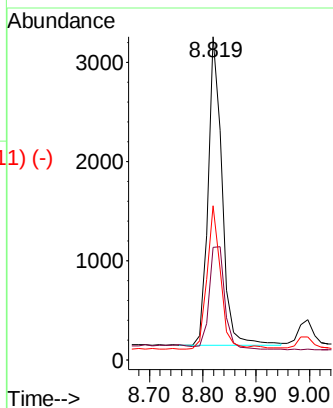
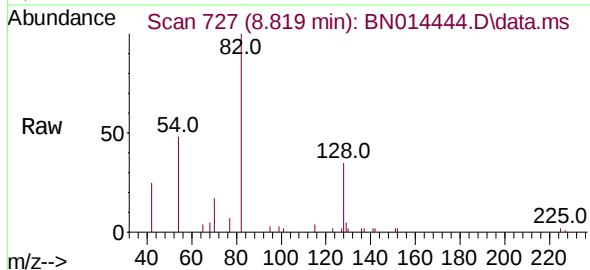




Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.819 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

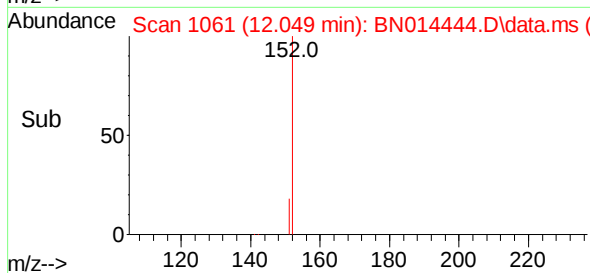
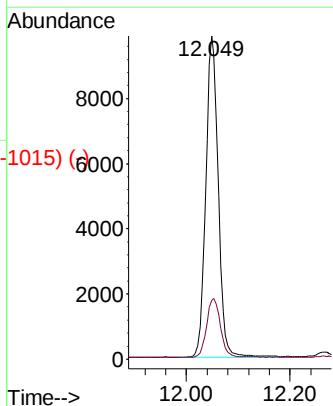
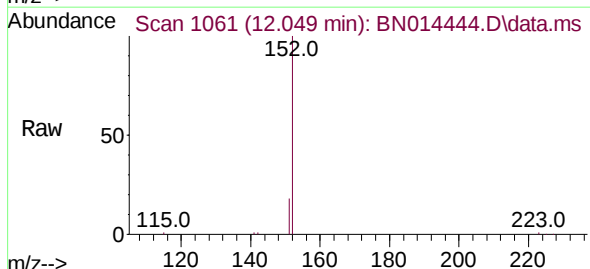
Instrument :
BNA_N
ClientSampleId :
TT-059-RW8-IDWSO-202104-1

Tgt Ion:	82	Resp:	5680
Ion	Ratio	Lower	Upper
82	100		
128	34.8	30.3	45.5
54	47.7	35.8	53.8



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

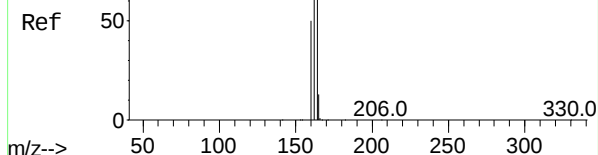
Tgt Ion:	152	Resp:	16350
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5



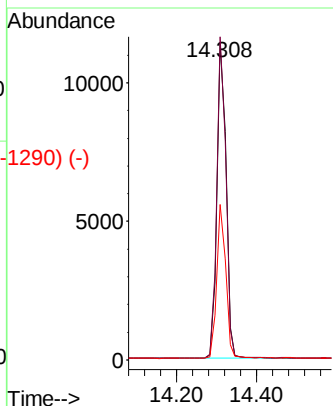
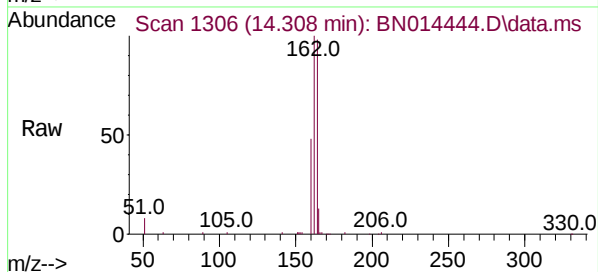
Abundance Scan 1307 (14.321 min): BN014350.D\data.ms (-1299) (-)

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

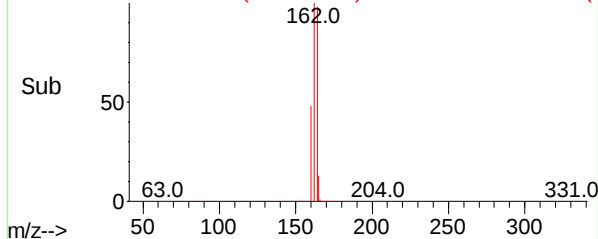
Instrument :
BNA_N
ClientSampleId :
TT-059-RW8-IDWSO-202104-1



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



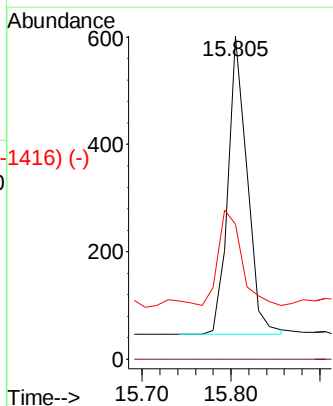
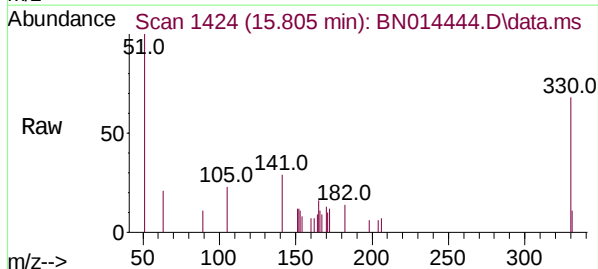
Abundance Scan 1306 (14.308 min): BN014444.D\data.ms (-1290) (-)



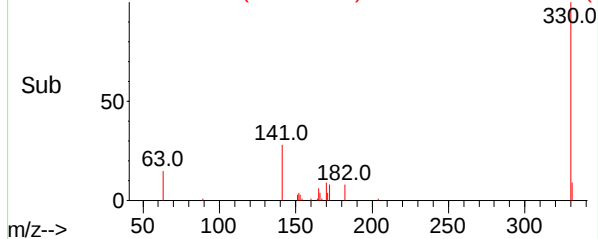
Abundance Scan 1425 (15.818 min): BN014350.D\data.ms (-1416) (-)

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

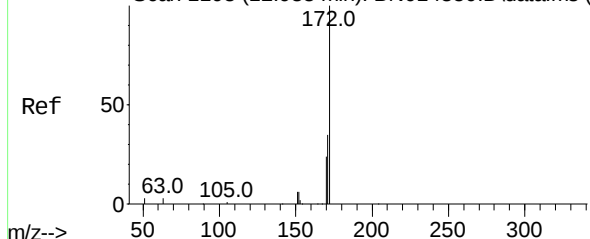
Tgt Ion:	330	Resp:	836
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	38.5	26.2	39.2



Abundance Scan 1424 (15.805 min): BN014444.D\data.ms (-1416) (-)



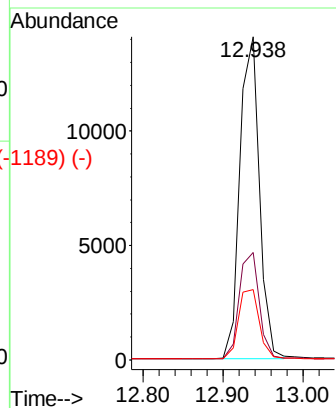
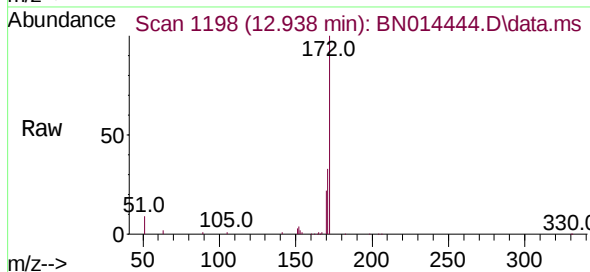
Abundance Scan 1198 (12.938 min): BN014350.D\data.ms (-1198) (-)



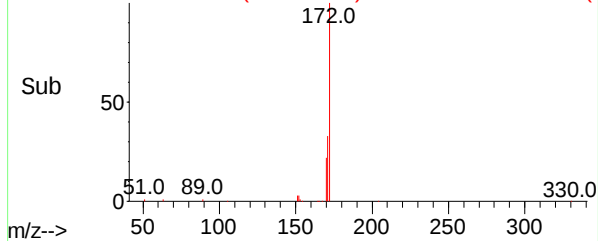
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.938 min Scan# 1198
Delta R.T. 0.013 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

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TT-059-RW8-IDWSO-202104-1

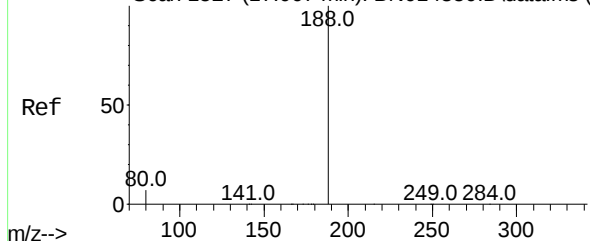
Tgt Ion:	172	Resp:	23981
Ion	Ratio	Lower	Upper
172	100		
171	33.2	28.2	42.2
170	21.8	19.6	29.4



Abundance Scan 1198 (12.938 min): BN014444.D\data.ms (-1189) (-)

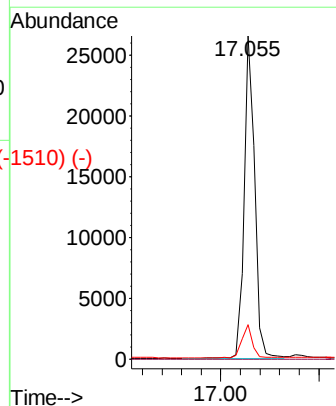
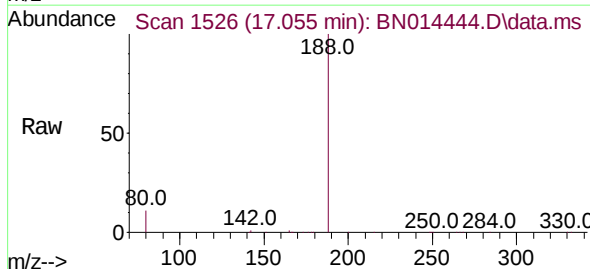


Abundance Scan 1527 (17.067 min): BN014350.D\data.ms (-1519) (-)

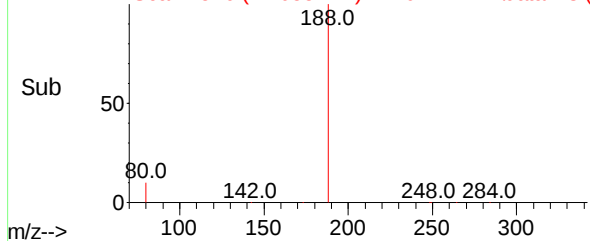


Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

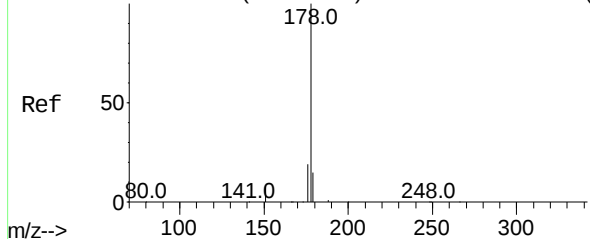
Tgt Ion:	188	Resp:	40067
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	6.2	9.4#



Abundance Scan 1526 (17.055 min): BN014444.D\data.ms (-1510) (-)



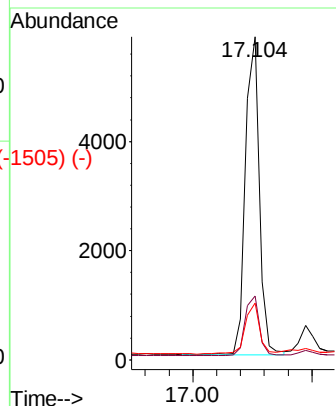
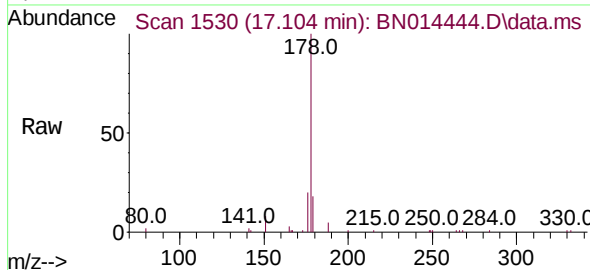
Abundance Scan 1530 (17.104 min): BN014350.D\data.ms (-1525) (-)



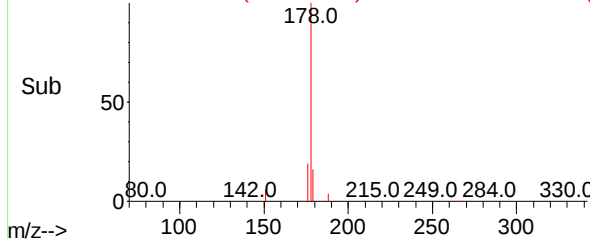
Phenanthrene
Concen: 0.08 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

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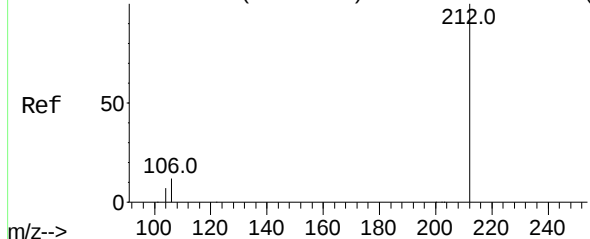
Tgt Ion:	178	Resp:	9387
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.2	22.8
179	16.6	12.2	18.4



Abundance Scan 1530 (17.104 min): BN014444.D\data.ms (-1505) (-)

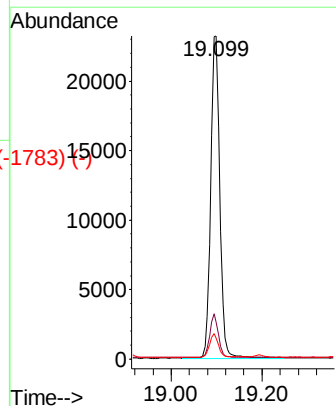
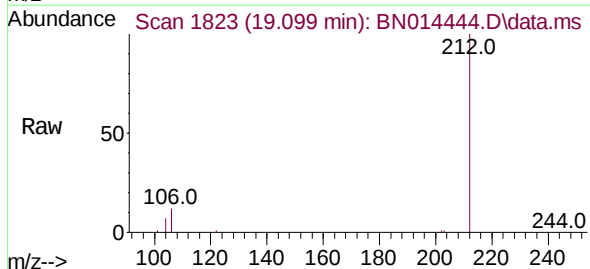


Abundance Scan 1825 (19.101 min): BN014350.D\data.ms (-1827) (-)

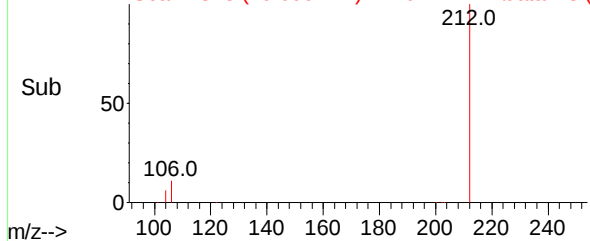


Fluoranthene-d10
Concen: 0.31 ng
RT: 19.099 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

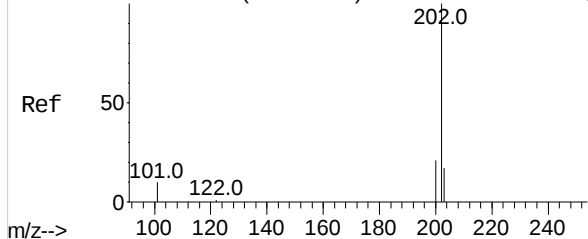
Tgt Ion:	212	Resp:	32440
Ion Ratio	Lower	Upper	
212	100		
106	12.7	9.7	14.5
104	7.3	5.4	8.0



Abundance Scan 1823 (19.099 min): BN014444.D\data.ms (-1783) (-)



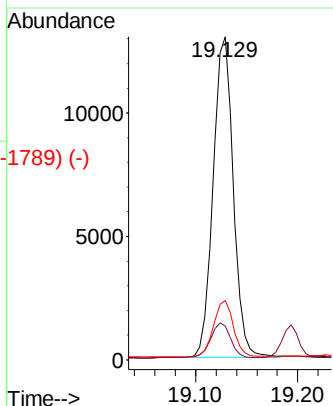
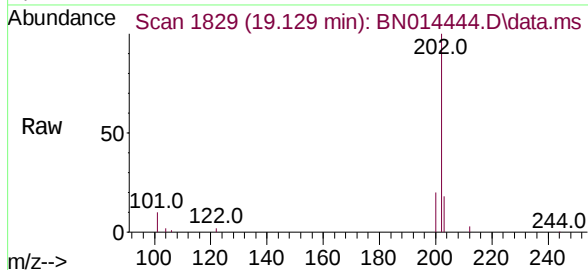
Abundance Scan 1831 (19.131 min): BN014350.D\data.ms (-1829) (-)



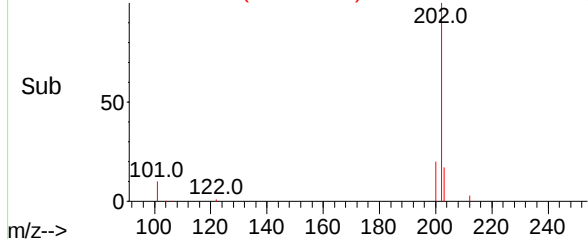
Fluoranthene
Concen: 0.15 ng
RT: 19.129 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

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

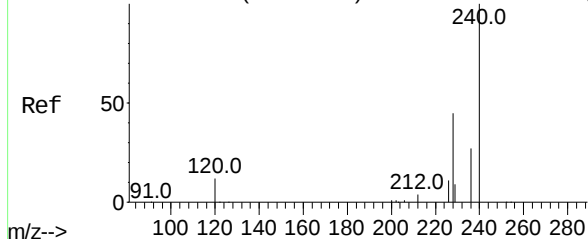
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.2	12.4
203	17.3	13.8	20.6



Abundance Scan 1829 (19.129 min): BN014444.D\data.ms (-1789) (-)

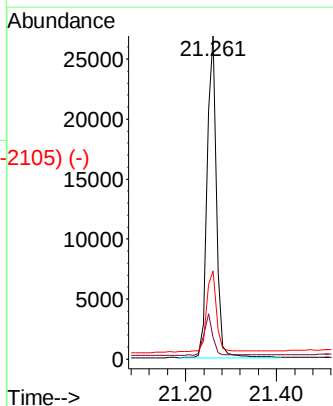
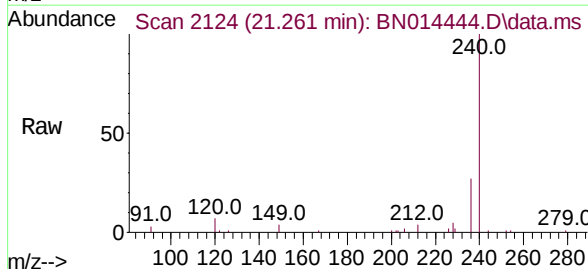


Abundance Scan 2125 (21.258 min): BN014350.D\data.ms (-2129) (-)

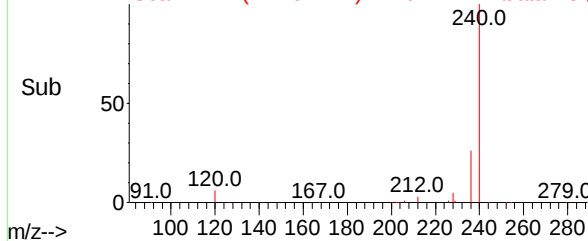


Chrysene-d12
Concen: 0.40 ng
RT: 21.261 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

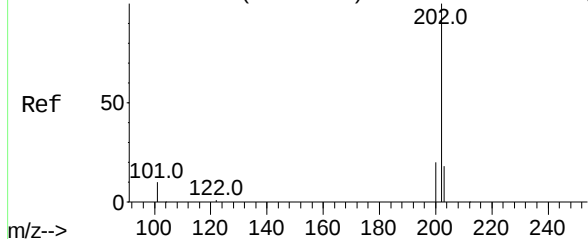
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.8	10.7	16.1#
236	27.3	21.5	32.3



Abundance Scan 2124 (21.261 min): BN014444.D\data.ms (-2105) (-)



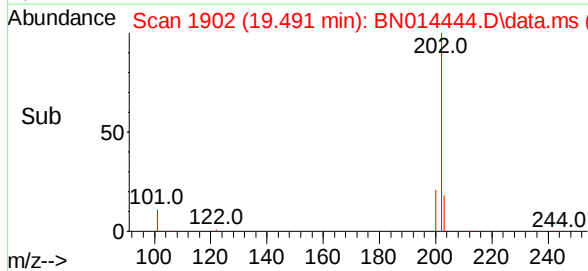
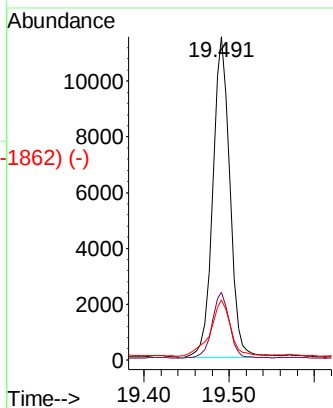
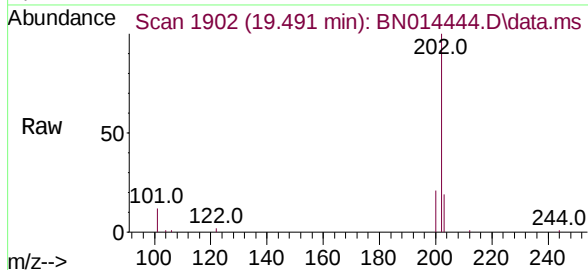
Abundance Scan 1905 (19.498 min): BN014350.D\data.ms (-1862) (-)



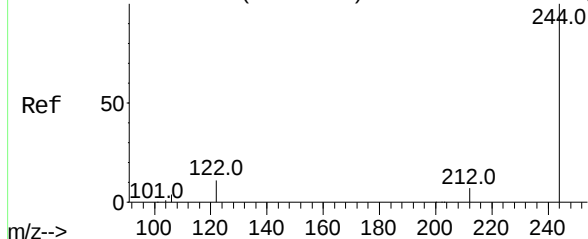
Pyrene
Concen: 0.14 ng
RT: 19.491 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

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

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

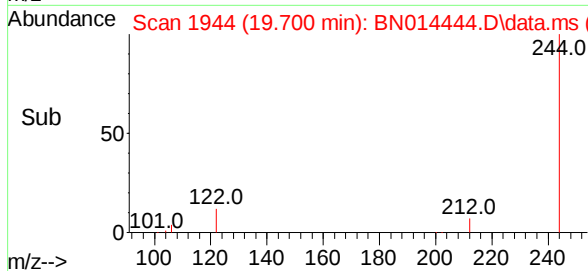
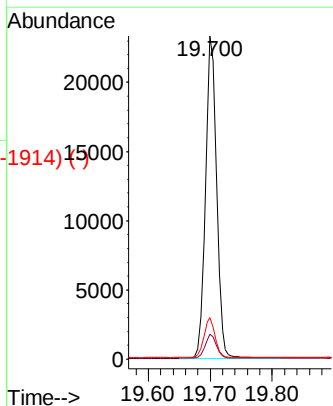
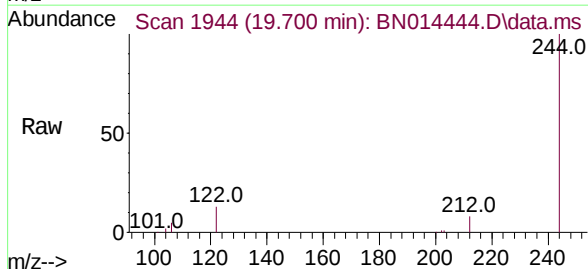


Abundance Scan 1947 (19.707 min): BN014350.D\data.ms (-1934) (-)

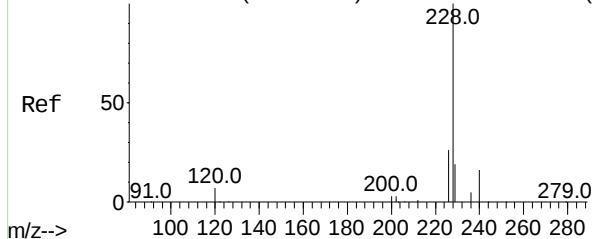


Terphenyl-d14
Concen: 0.36 ng
RT: 19.700 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

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



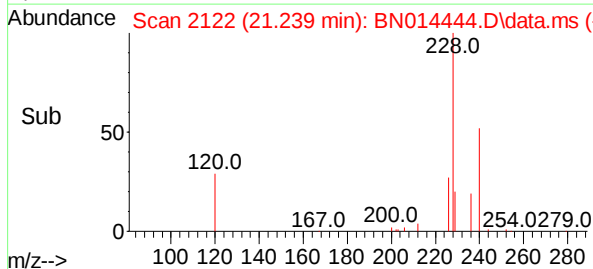
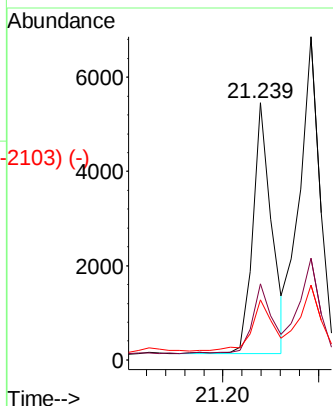
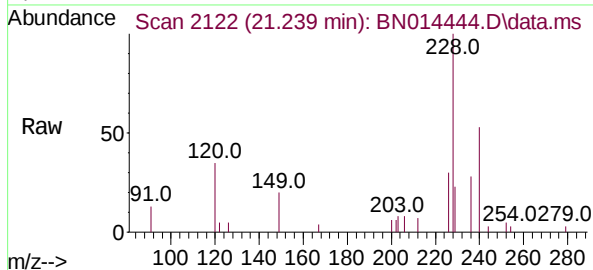
Abundance Scan 2124 (21.247 min): BN014350.D\data.ms (-2124) (-)



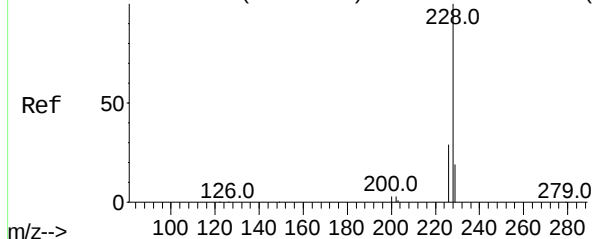
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

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

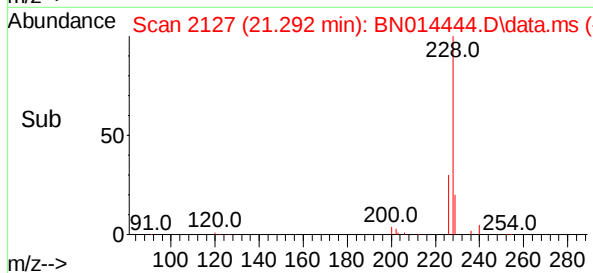
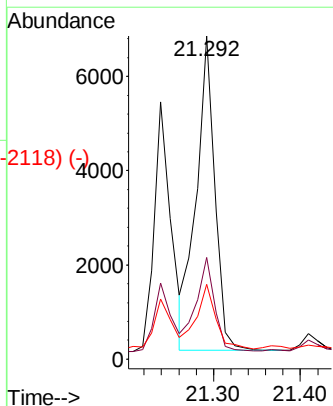
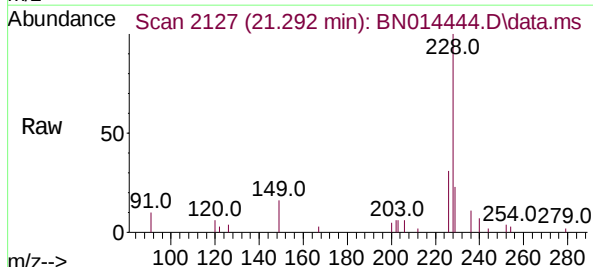


Abundance Scan 2129 (21.300 min): BN014350.D\data.ms (-2129) (-)

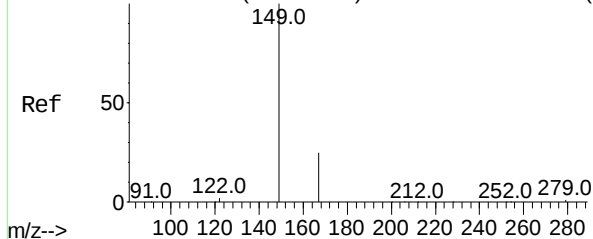


Chrysene
Concen: 0.08 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

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



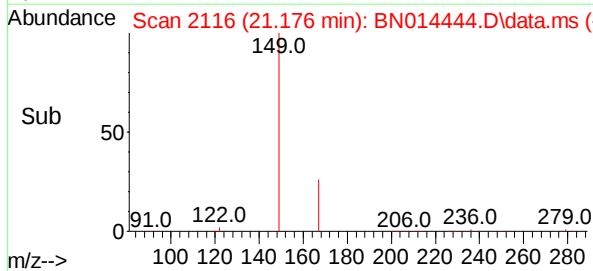
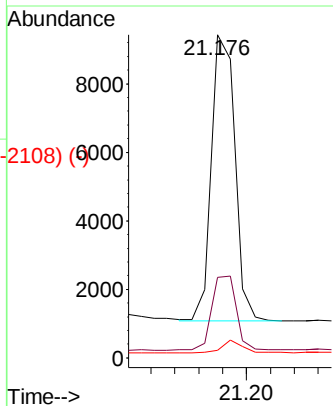
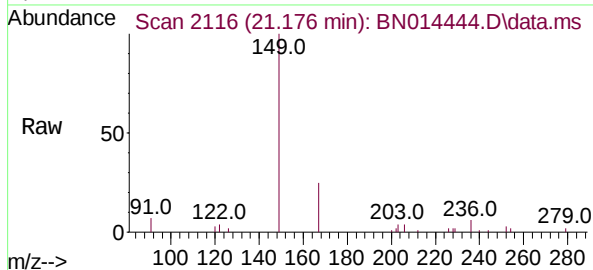
Abundance Scan 2118 (21.184 min): BN014350.D\data.ms (-2118) (-)



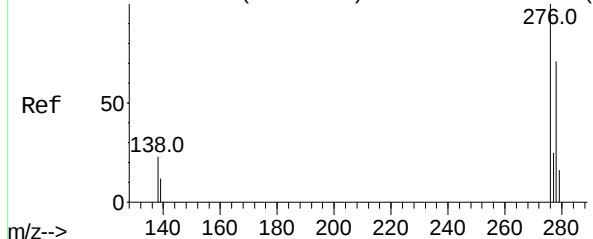
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.176 min Scan# 2116
Delta R.T. -0.011 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

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

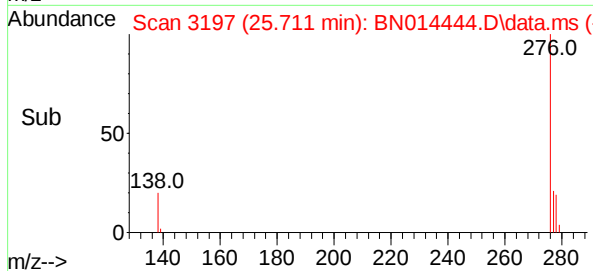
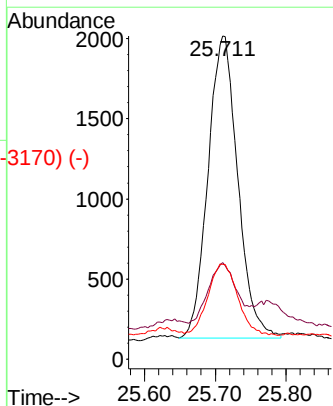
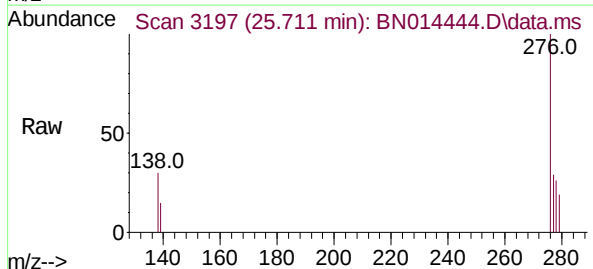


Abundance Scan 3203 (25.725 min): BN014350.D\data.ms (-3125) (-)



Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 25.711 min Scan# 3197
Delta R.T. -0.007 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

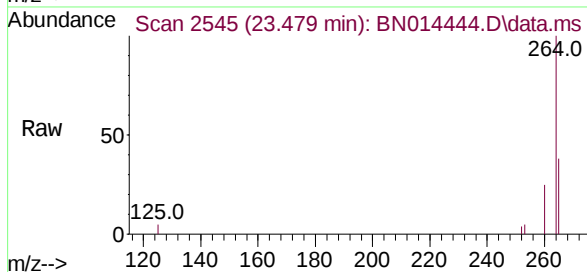
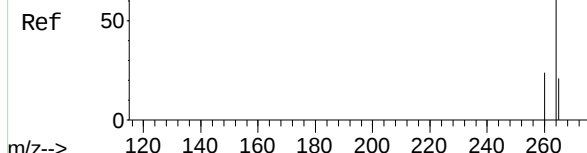
Tgt Ion:	276	Resp:	5531
Ion Ratio	Lower	Upper	
276	100		
138	18.9	18.9	28.3#
277	23.7	19.8	29.8



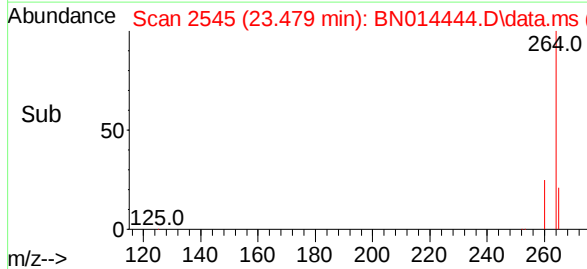
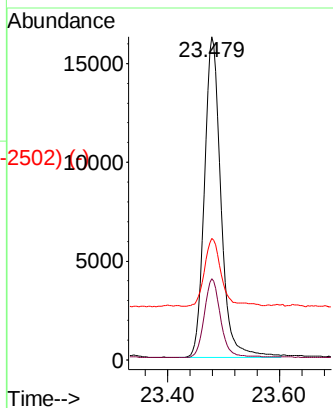
Abundance Scan 2550 (23.490 min): BN014350.D\data.ms (-2536) (-)

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

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

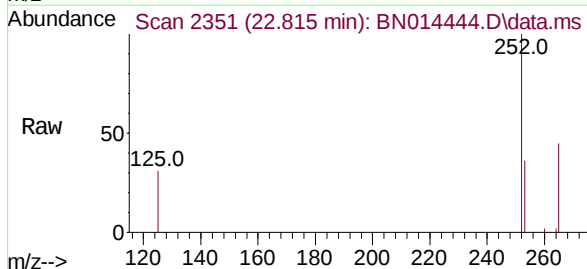
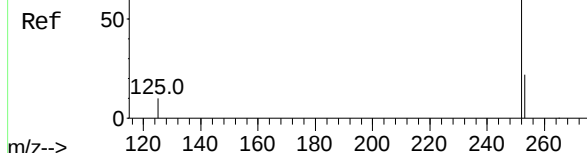


Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.6
265	37.6	34.4	51.6

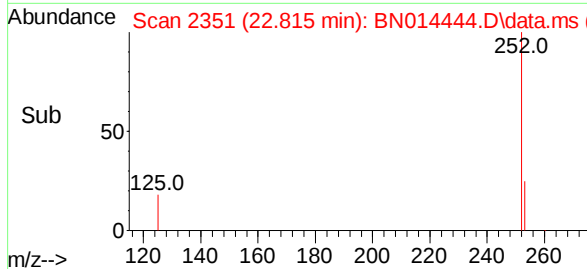
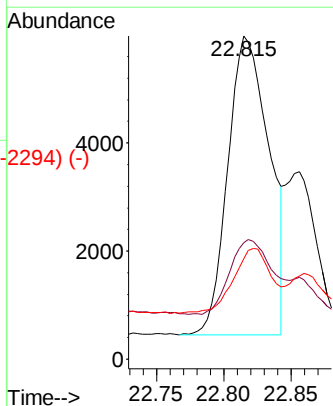


Abundance Scan 2354 (22.819 min): BN014350.D\data.ms (-2337) (-)

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



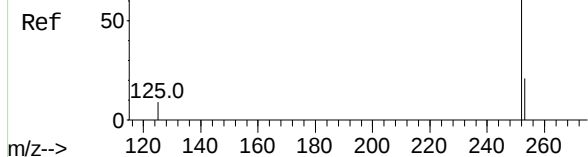
Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.0	19.0	28.6#
125	31.1	9.7	14.5#



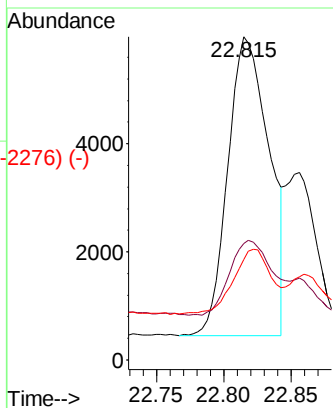
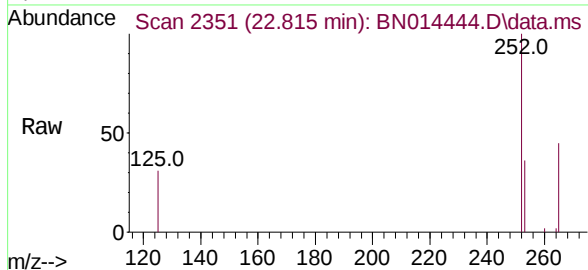
Abundance Scan 2367 (22.864 min): BN014350.D\data.ms (-2367) (-)

Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 22.815 min Scan# 2351
Delta R.T. -0.045 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

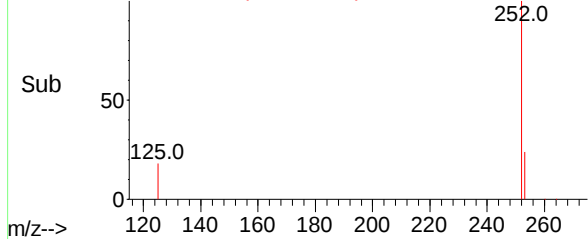
Instrument :
BNA_N
ClientSampleId :
TT-059-RW8-IDWSO-202104-1



Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.0	19.3	28.9#
125	31.1	9.4	14.2#



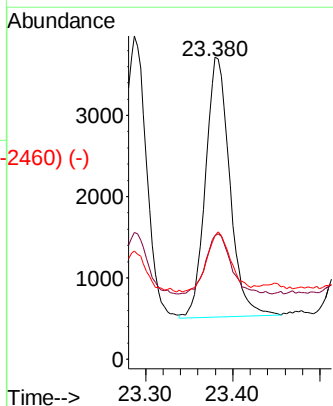
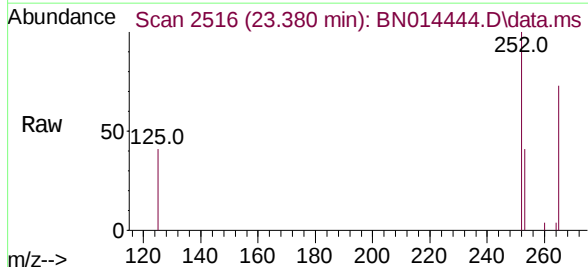
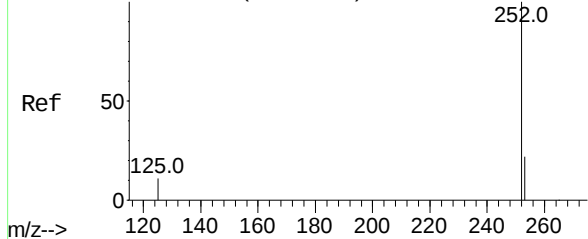
Abundance Scan 2351 (22.815 min): BN014444.D\data.ms (-2276) (-)



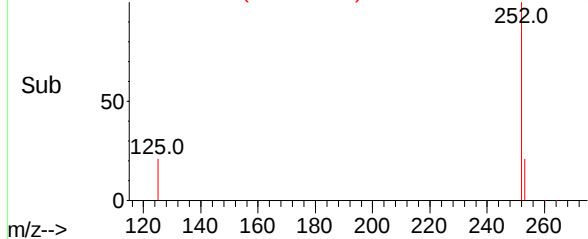
Abundance Scan 2521 (23.391 min): BN014350.D\data.ms (-2509) (-)

Benzo(a)pyrene
Concen: 0.06 ng
RT: 23.380 min Scan# 2516
Delta R.T. -0.007 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

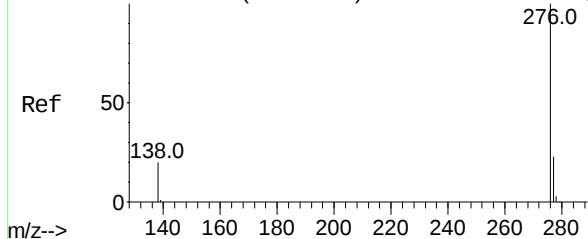
Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.9	20.7	31.1#
125	40.9	11.8	17.6#



Abundance Scan 2516 (23.380 min): BN014444.D\data.ms (-2460) (-)



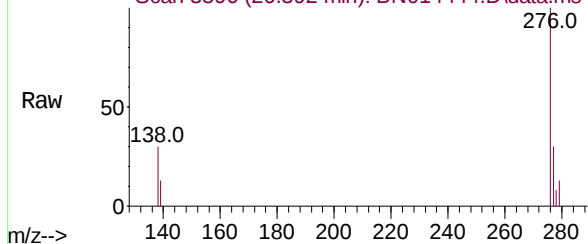
Abundance Scan 3403 (26.410 min): BN014350.D\data.ms (-3373) (-)



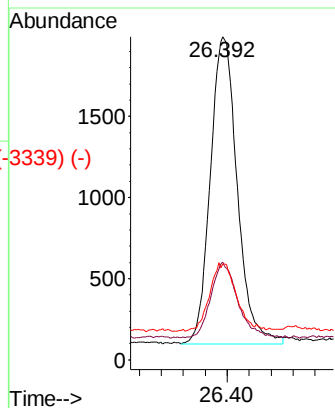
Benzo(g,h,i)perylene
Concen: 0.05 ng
RT: 26.392 min Scan# 3396
Delta R.T. -0.004 min
Lab File: BN014444.D
Acq: 26 Apr 2021 14:57

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

Abundance Scan 3396 (26.392 min): BN014444.D\data.ms



Tgt Ion:	276	Resp:	6424
Ion	Ratio	Lower	Upper
276	100		
277	30.3	19.1	28.7#
138	29.6	16.7	25.1#



Abundance Scan 3396 (26.392 min): BN014444.D\data.ms (-3339) (-)

