

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032921\
 Data File : BN014131.D
 Acq On : 29 Mar 2021 17:38
 Operator : CG/JU
 Sample : M1557-05DL 50X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Mar 29 18:08:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 12:24:58 2021
 Response via : Initial Calibration

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

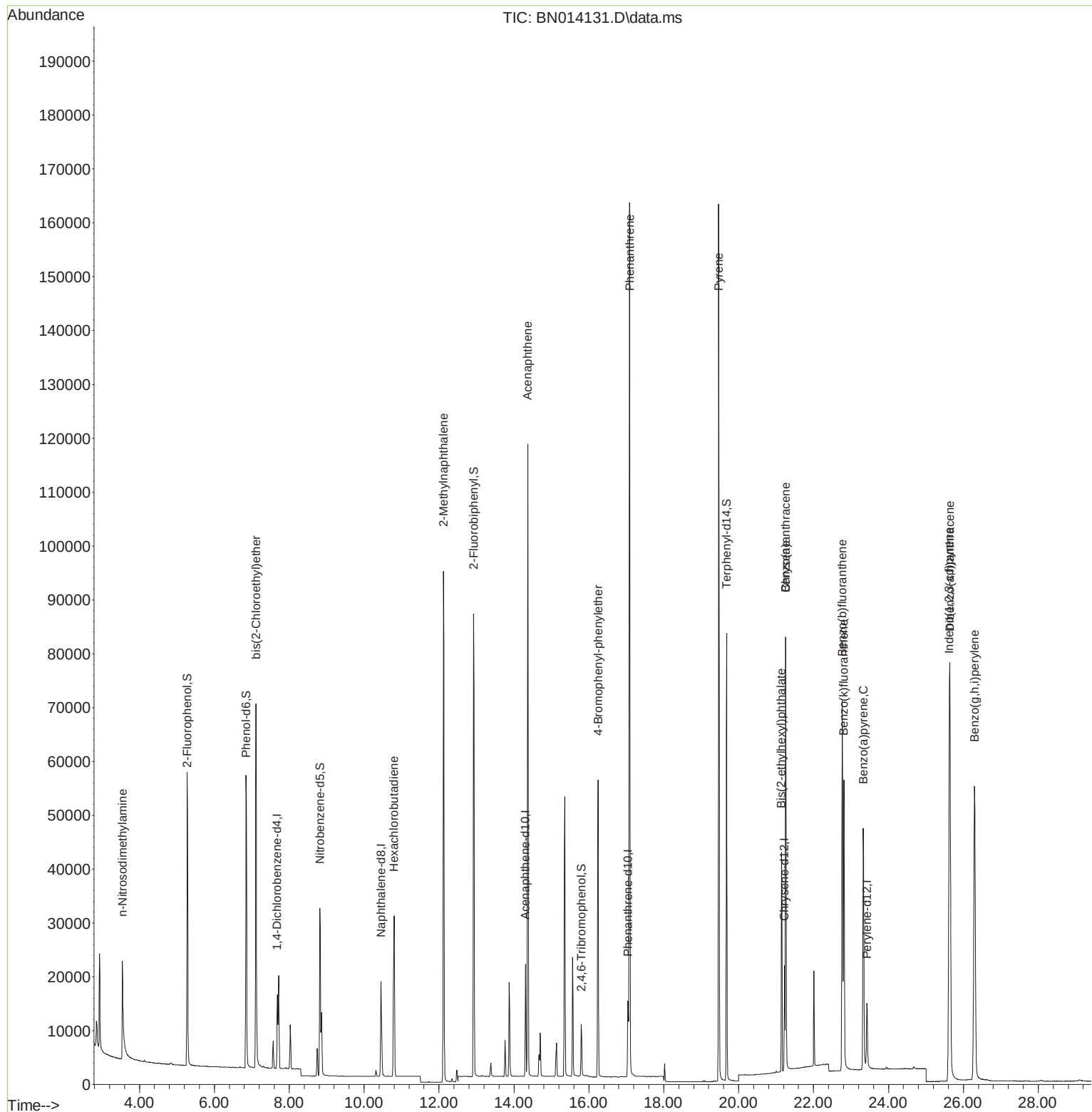
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	6323	0.40	ng	0.00
7) Naphthalene-d8	10.454	136	22699	0.40	ng	# 0.00
13) Acenaphthene-d10	14.308	164	11473	0.40	ng	0.00
19) Phenanthrene-d10	17.043	188	21329	0.40	ng	# 0.00
29) Chrysene-d12	21.226	240	17542	0.40	ng	# 0.00
36) Perylene-d12	23.425	264	16144	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	41753	2.57	ng	0.00
5) Phenol-d6	6.855	99	50006	2.43	ng	0.00
8) Nitrobenzene-d5	8.819	82	26634	1.73	ng	-0.01
11) 2-Methylnaphthalene-d10	12.053	152	7	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	7546	2.05	ng	0.00
15) 2-Fluorobiphenyl	12.925	172	82231	1.91	ng	-0.01
27) Fluoranthene-d10	19.086	212	5	0.00	ng	0.00
31) Terphenyl-d14	19.677	244	84300	2.09	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.545	42	17666	2.82	ng	94
6) bis(2-Chloroethyl)ether	7.112	93	49945	3.05	ng	99
10) Hexachlorobutadiene	10.796	225	23416	2.28	ng	# 99
12) 2-Methylnaphthalene	12.124	142	68739	1.87	ng	98
17) Acenaphthene	14.372	154	56061	1.77	ng	99
21) 4-Bromophenyl-phenylether	16.252	248	28116	2.56	ng	92
25) Phenanthrene	17.091	178	164586	2.87	ng	100
30) Pyrene	19.469	202	145718	2.55	ng	100
32) Benzo(a)anthracene	21.258	228	67049	1.38	ng	95
33) Chrysene	21.258	228	66990	1.25	ng	99
34) Bis(2-ethylhexyl)phtha...	21.141	149	38511	2.60	ng	100
35) Indeno(1,2,3-cd)pyrene	25.626	276	81658	1.46	ng	99
37) Benzo(b)fluoranthene	22.768	252	85516	1.50	ng	95
38) Benzo(k)fluoranthene	22.812	252	72209	1.30	ng	95
39) Benzo(a)pyrene	23.329	252	66566	1.36	ng	94
40) Dibenzo(a,h)anthracene	25.639	278	84123	1.67	ng	96
41) Benzo(g,h,i)perylene	26.300	276	112861	2.11	ng	98

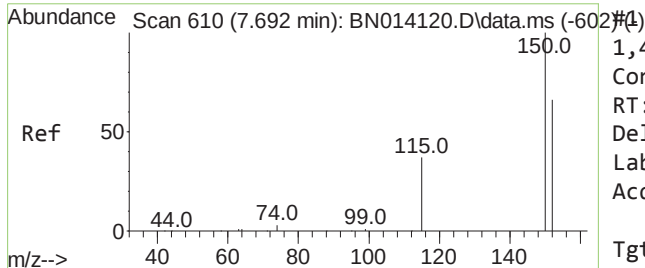
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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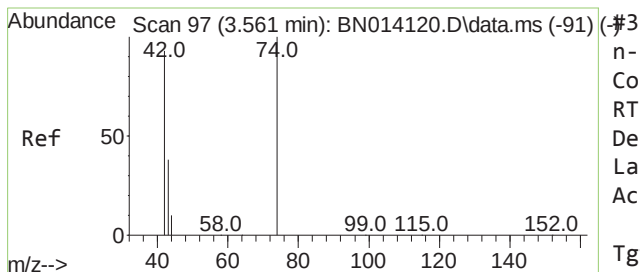
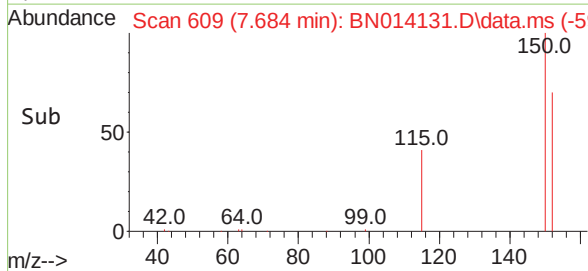
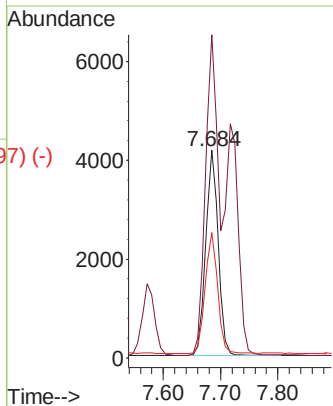
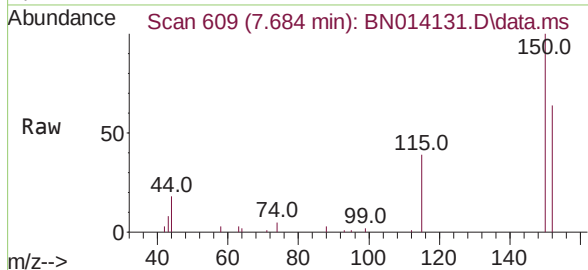




1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.684 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

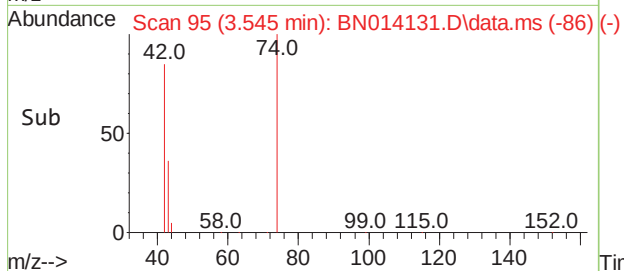
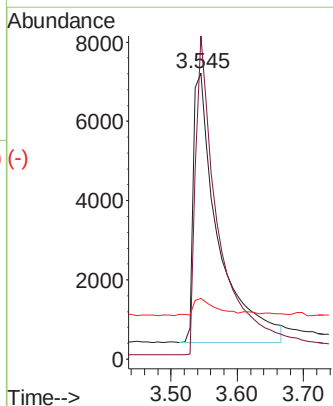
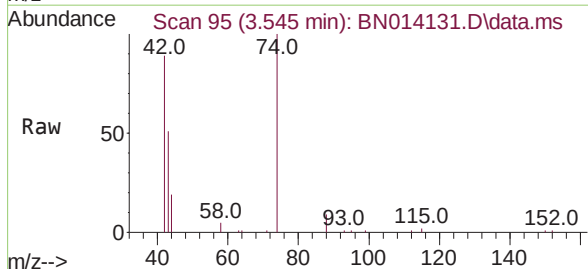
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

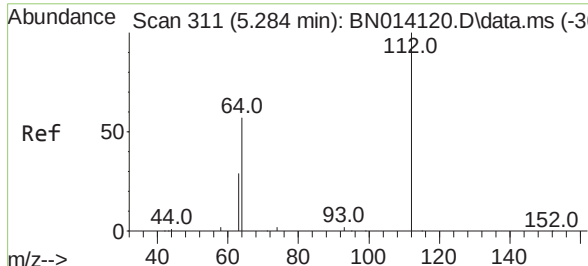
Tgt Ion:152 Resp: 6323
Ion Ratio Lower Upper
152 100
150 155.6 121.2 181.8
115 60.3 46.2 69.2



n-Nitrosodimethylamine
Concen: 2.82 ng
RT: 3.545 min Scan# 95
Delta R.T. -0.024 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

Tgt Ion: 42 Resp: 17666
Ion Ratio Lower Upper
42 100
74 111.9 94.6 141.8
44 5.6 4.2 6.2

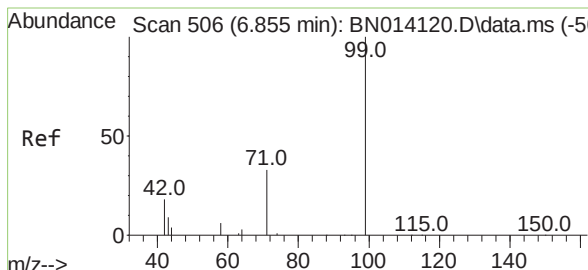
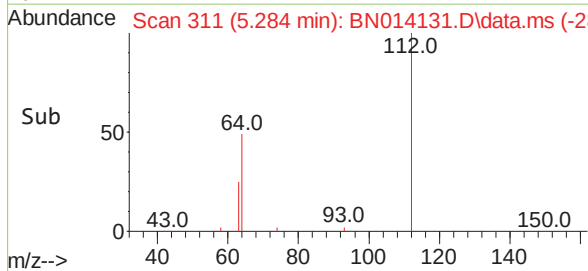
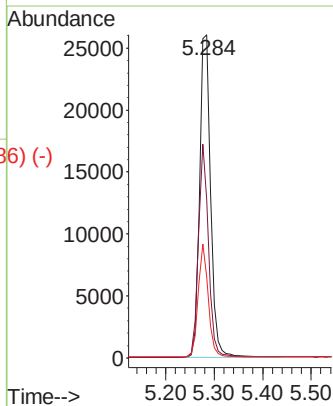
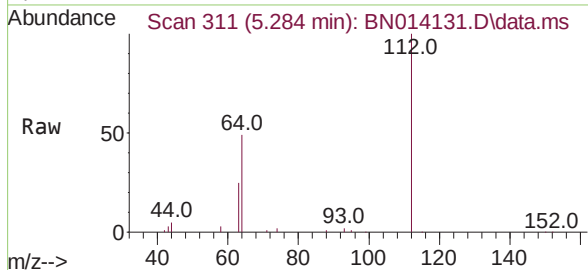




2-Fluorophenol
 Concen: 2.57 ng
 RT: 5.284 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: BN014131.D
 Acq: 29 Mar 2021 17:38

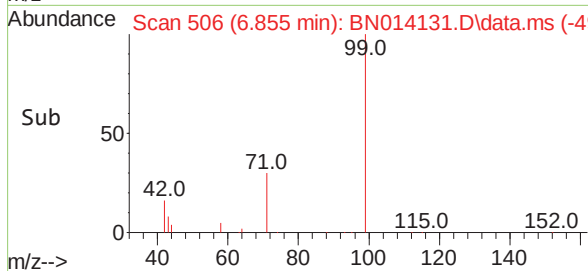
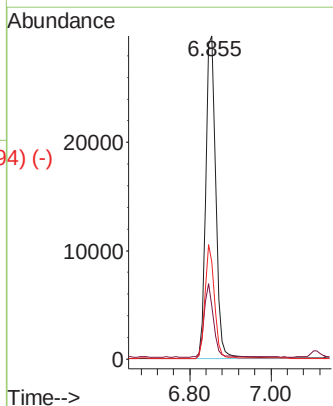
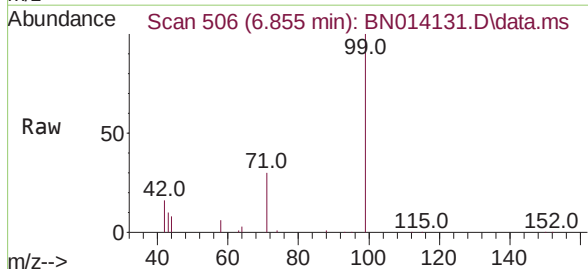
Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

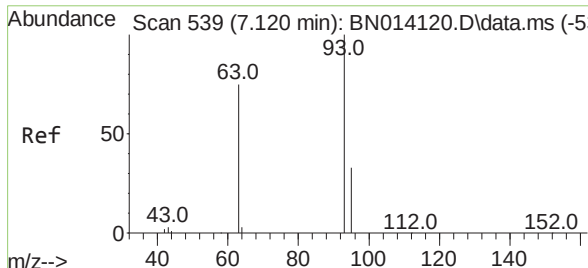
Tgt Ion:	112	Resp:	41753
Ion	Ratio	Lower	Upper
112	100		
64	60.6	48.3	72.5
63	32.1	25.4	38.0



Phenol-d6
 Concen: 2.43 ng
 RT: 6.855 min Scan# 506
 Delta R.T. 0.000 min
 Lab File: BN014131.D
 Acq: 29 Mar 2021 17:38

Tgt Ion:	99	Resp:	50006
Ion	Ratio	Lower	Upper
99	100		
42	21.5	18.2	27.4
71	33.6	26.7	40.1

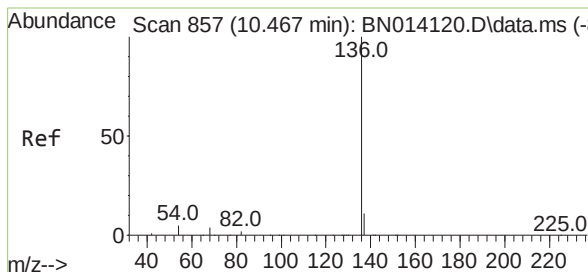
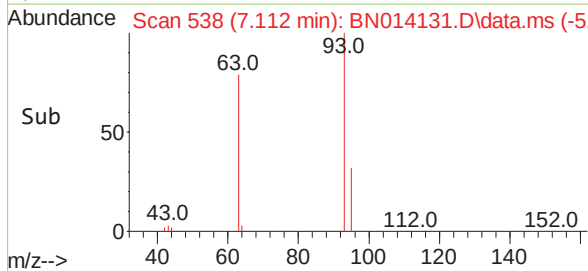
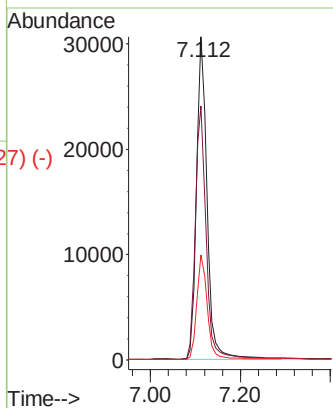
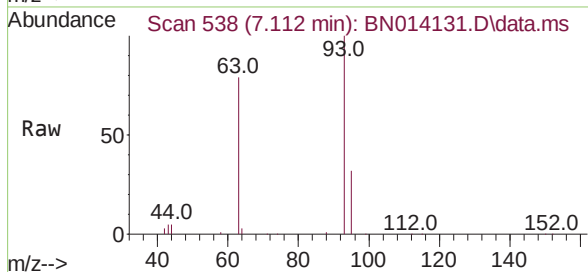




bis(2-Chloroethyl)ether
 Concen: 3.05 ng
 RT: 7.112 min Scan# 538
 Delta R.T. -0.008 min
 Lab File: BN014131.D
 Acq: 29 Mar 2021 17:38

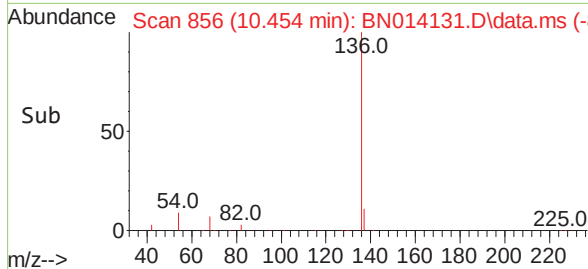
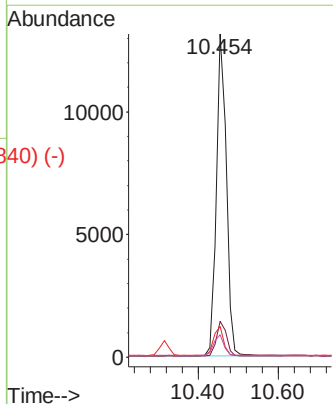
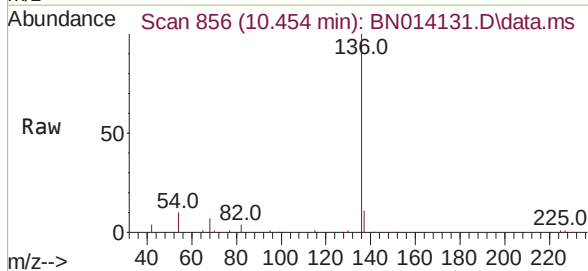
Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

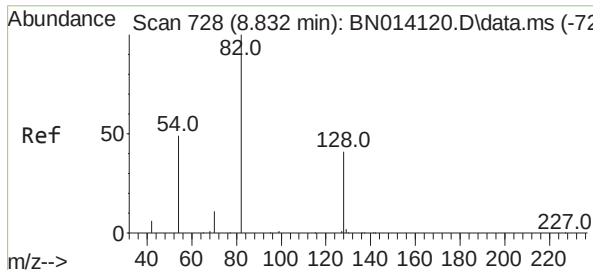
Tgt Ion:	93	Resp:	49945
Ion	Ratio	Lower	Upper
93	100		
63	80.2	65.1	97.7
95	32.5	26.6	39.8



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.454 min Scan# 856
 Delta R.T. 0.000 min
 Lab File: BN014131.D
 Acq: 29 Mar 2021 17:38

Tgt Ion:	136	Resp:	22699
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.6	4.3	6.5#
68	7.0	3.4	5.2#

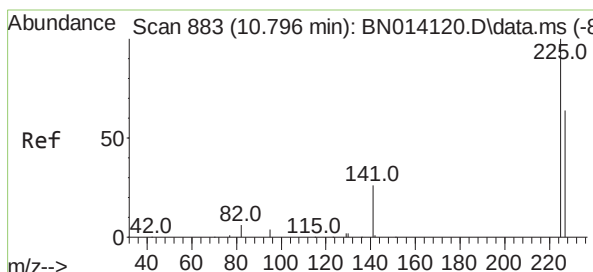
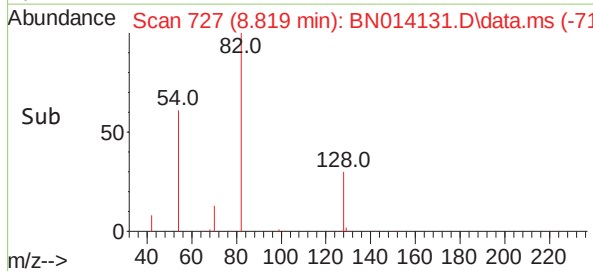
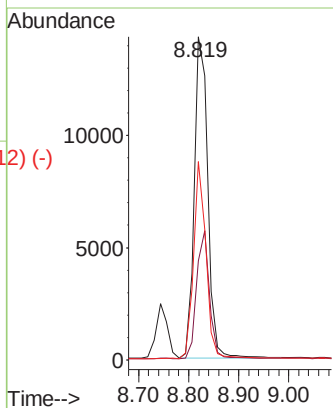
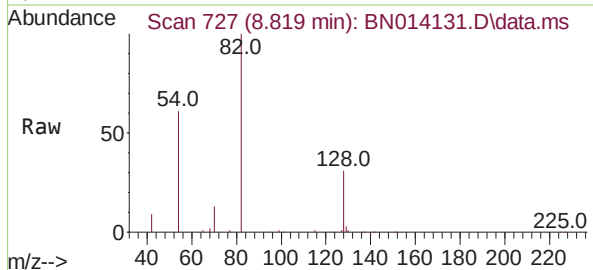




Nitrobenzene-d5
 Concen: 1.73 ng
 RT: 8.819 min Scan# 727
 Delta R.T. -0.013 min
 Lab File: BN014131.D
 Acq: 29 Mar 2021 17:38

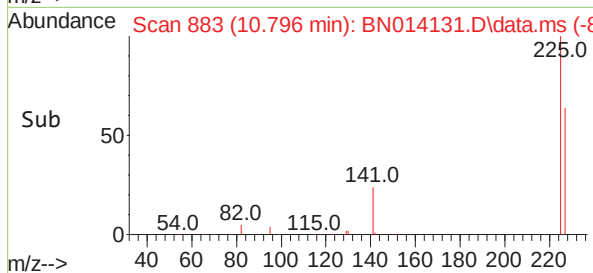
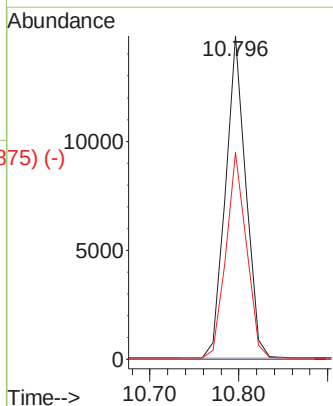
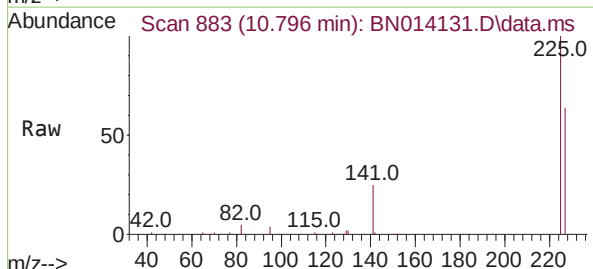
Instrument :
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 PT-BN-WPDL

Tgt Ion:	82	Resp:	26634
Ion	Ratio	Lower	Upper
82	100		
128	30.7	33.5	50.3#
54	61.3	40.3	60.5#



Hexachlorobutadiene
 Concen: 2.28 ng
 RT: 10.796 min Scan# 883
 Delta R.T. 0.000 min
 Lab File: BN014131.D
 Acq: 29 Mar 2021 17:38

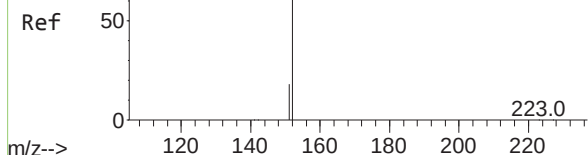
Tgt Ion:	225	Resp:	23416
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.6	77.4



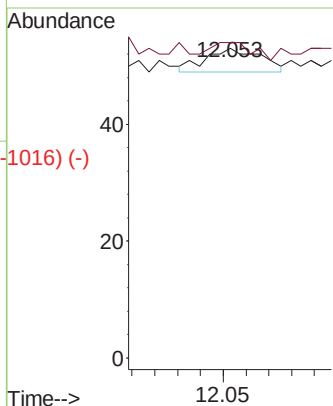
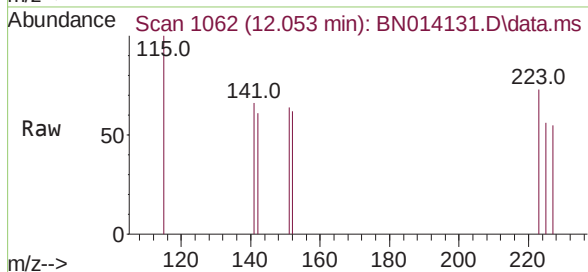
Abundance Scan 1062 (12.053 min): BN014120.D\data.ms (-1019) (-)

2-Methylnaphthalene-d10
Concen: 0.00 ng
RT: 12.053 min Scan# 1062
Delta R.T. 0.005 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

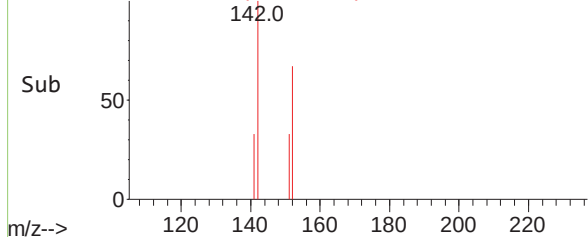
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL



Tgt Ion:152 Resp: 7
Ion Ratio Lower Upper
152 100
151 57.1 16.1 24.1#



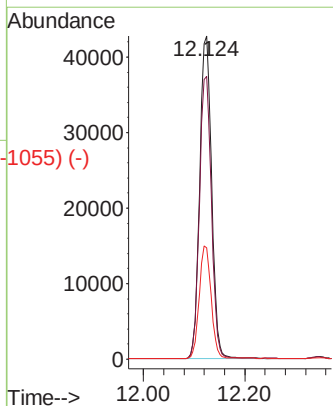
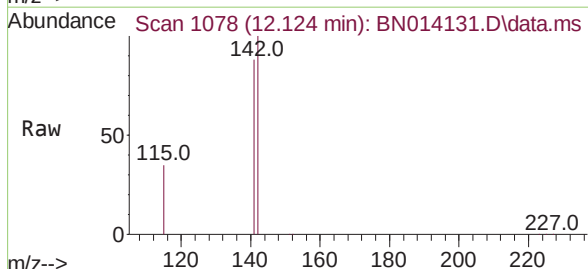
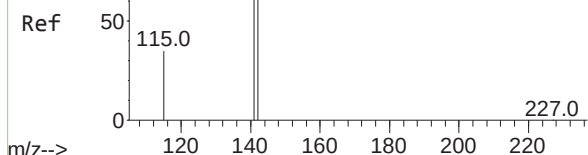
Abundance Scan 1062 (12.053 min): BN014131.D\data.ms (-1016) (-)



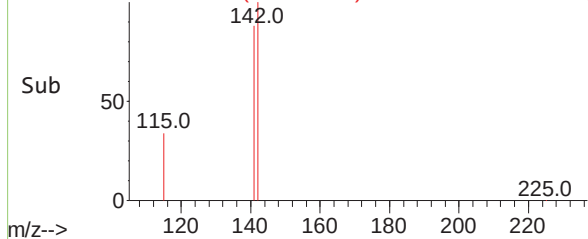
Abundance Scan 1078 (12.124 min): BN014120.D\data.ms (-1012) (-)

2-Methylnaphthalene
Concen: 1.87 ng
RT: 12.124 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

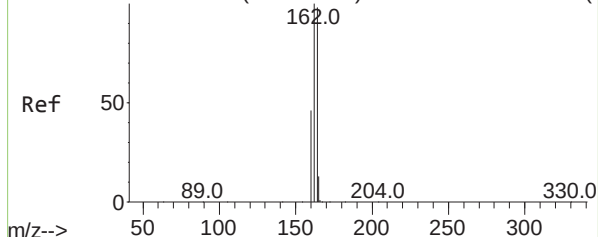
Tgt Ion:142 Resp: 68739
Ion Ratio Lower Upper
142 100
141 87.6 71.1 106.7
115 34.5 29.0 43.6



Abundance Scan 1078 (12.124 min): BN014131.D\data.ms (-1055) (-)



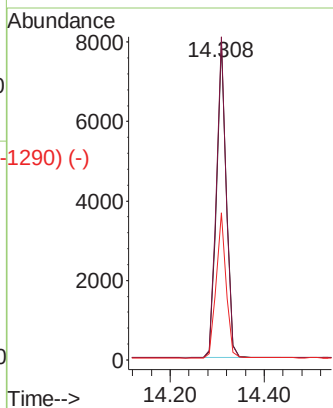
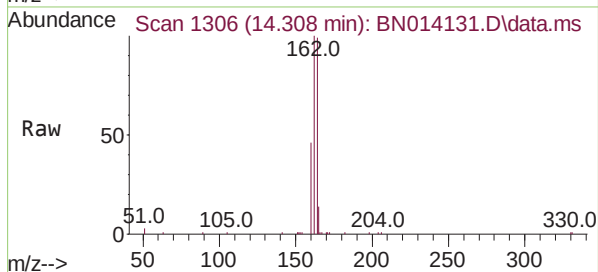
Abundance Scan 1306 (14.308 min): BN014120.D\data.ms (-1290) (-)



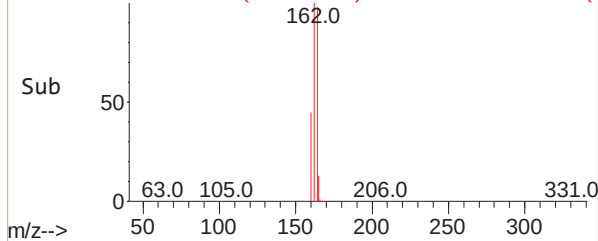
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.308 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

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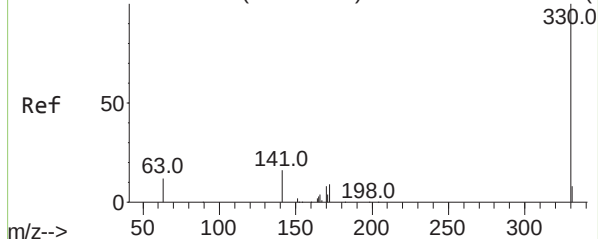
Tgt Ion:	164	Resp:	11473
Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.2
160	46.2	37.5	56.3



Abundance Scan 1306 (14.308 min): BN014131.D\data.ms (-1290) (-)

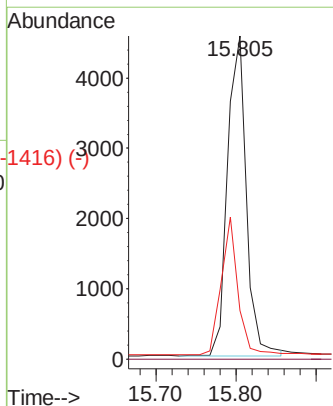
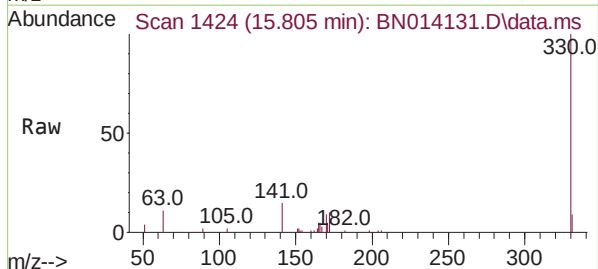


Abundance Scan 1424 (15.805 min): BN014120.D\data.ms (-1416) (-)

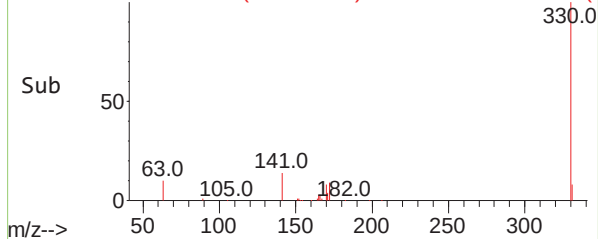


2,4,6-Tribromophenol
Concen: 2.05 ng
RT: 15.805 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

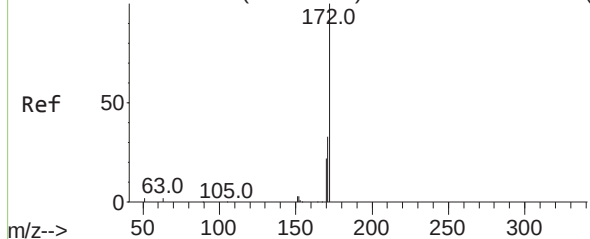
Tgt Ion:	330	Resp:	7546
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.2	31.2	46.8



Abundance Scan 1424 (15.805 min): BN014131.D\data.ms (-1416) (-)



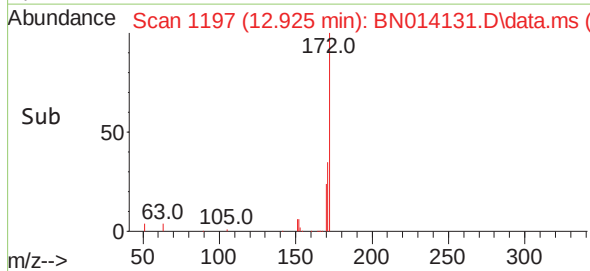
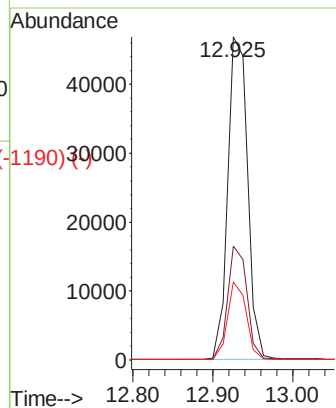
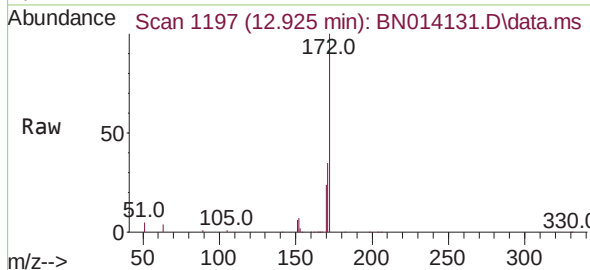
Abundance Scan 1198 (12.938 min): BN014120.D\data.ms (-1198) (-)



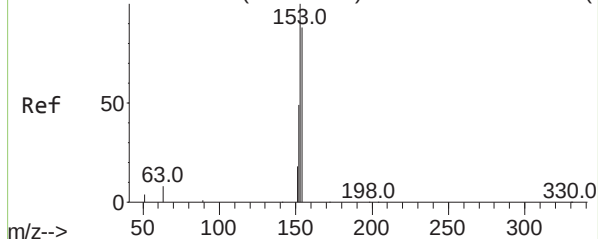
2-Fluorobiphenyl
Concen: 1.91 ng
RT: 12.925 min Scan# 1197
Delta R.T. -0.013 min
Lab File: BN014131.D
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Instrument :
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Tgt Ion:	172	Resp:	82231
Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.9	40.3
170	24.2	17.8	26.8

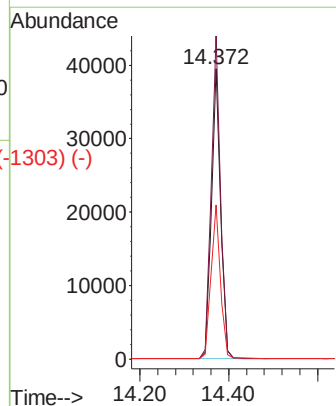
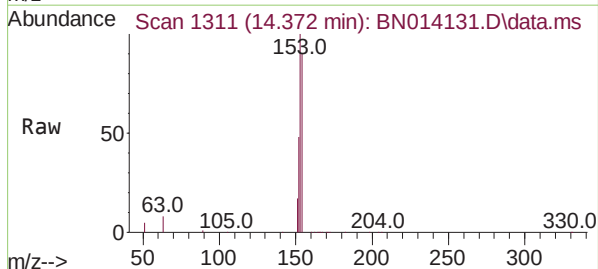


Abundance Scan 1311 (14.371 min): BN014120.D\data.ms (-1311) (-)

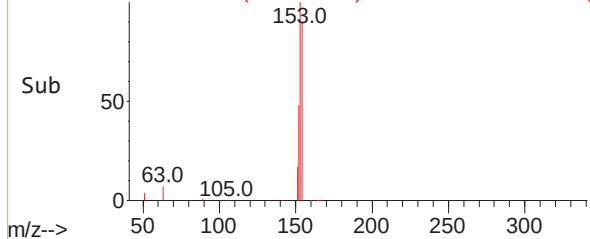


Acenaphthene
Concen: 1.77 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

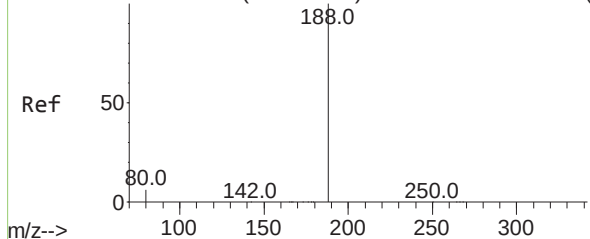
Tgt Ion:	154	Resp:	56061
Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.0	133.4
152	54.9	43.1	64.7



Abundance Scan 1311 (14.372 min): BN014131.D\data.ms (-1303) (-)



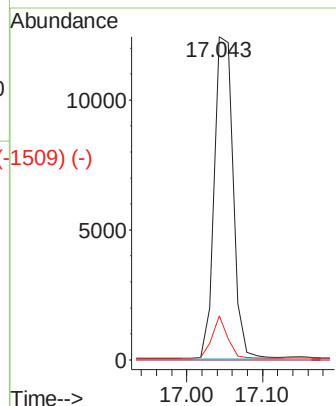
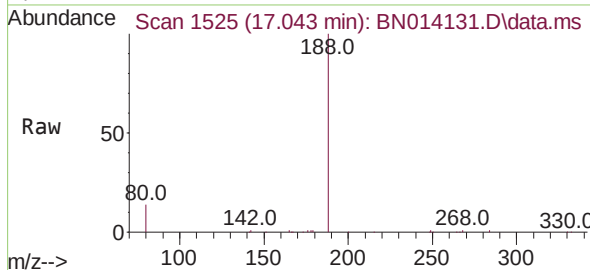
Abundance Scan 1526 (17.055 min): BN014120.D\data.ms (-1526) (-)



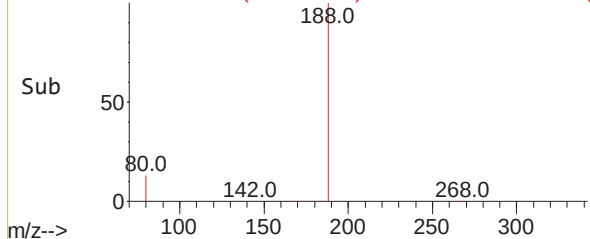
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.043 min Scan# 1525
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

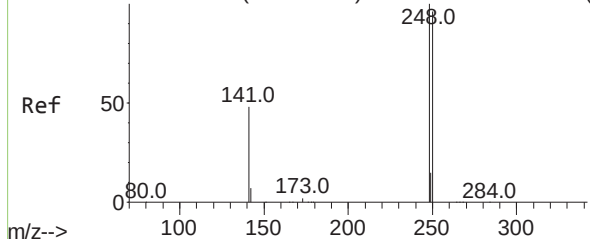
Tgt Ion:	188	Resp:	21329
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	5.2	7.8#



Abundance Scan 1525 (17.043 min): BN014131.D\data.ms (-1509) (-)

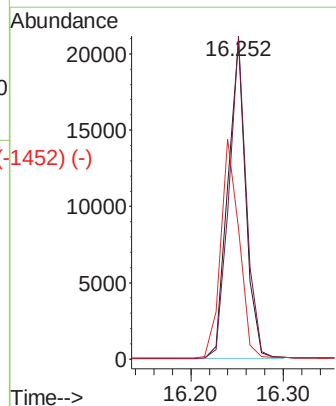
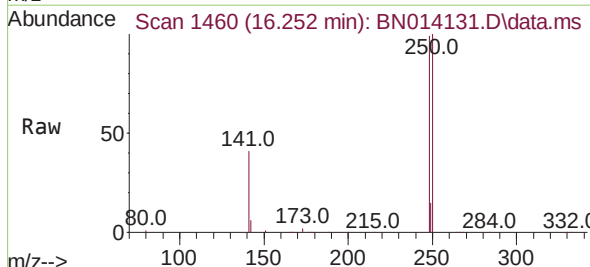


Abundance Scan 1460 (16.252 min): BN014120.D\data.ms (-1425) (-)

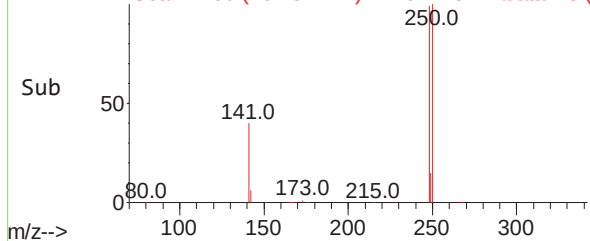


4-Bromophenyl-phenylether
Concen: 2.56 ng
RT: 16.252 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

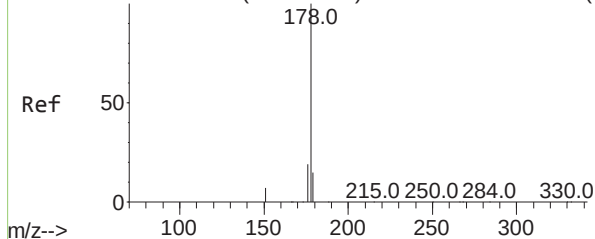
Tgt Ion:	248	Resp:	28116
Ion	Ratio	Lower	Upper
248	100		
250	101.4	77.0	115.6
141	41.1	39.7	59.5



Abundance Scan 1460 (16.252 min): BN014131.D\data.ms (-1452) (-)



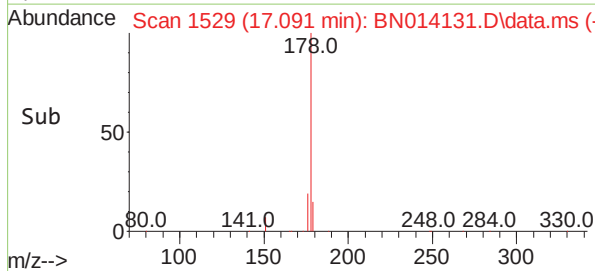
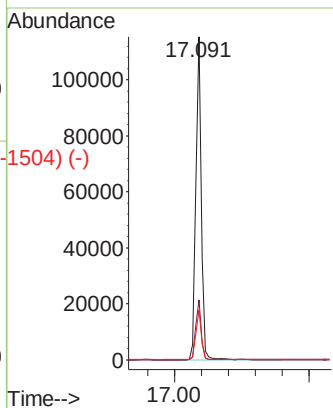
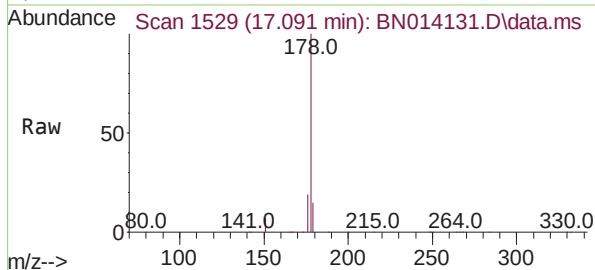
Abundance Scan 1529 (17.091 min): BN014120.D\data.ms (-1529) (-)



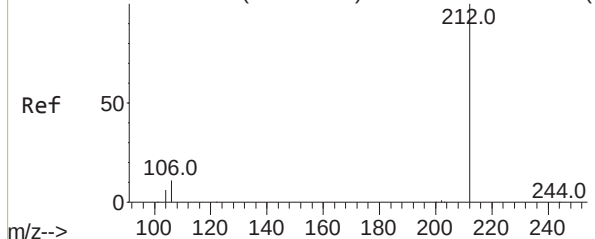
Phenanthrene
Concen: 2.87 ng
RT: 17.091 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:178 Resp: 164586
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.3 12.4 18.6

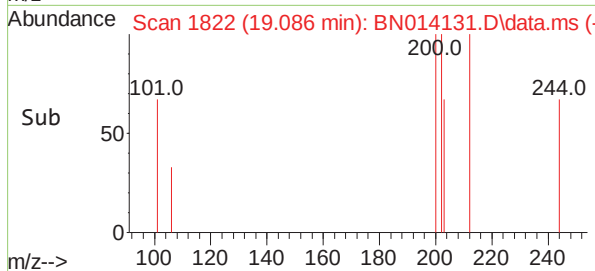
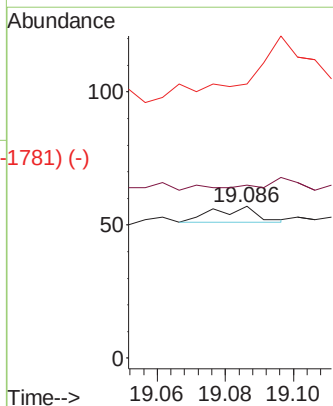
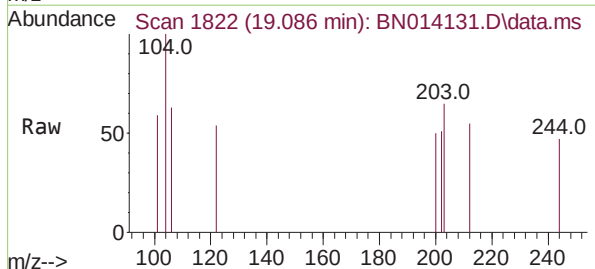


Abundance Scan 1821 (19.081 min): BN014120.D\data.ms (-1821) (-)

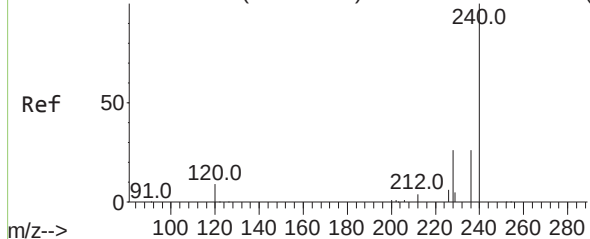


Fluoranthene-d10
Concen: 0.00 ng
RT: 19.086 min Scan# 1822
Delta R.T. 0.005 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

Tgt Ion:212 Resp: 5
Ion Ratio Lower Upper
212 100
106 120.0 10.1 15.1#
104 700.0 5.5 8.3#



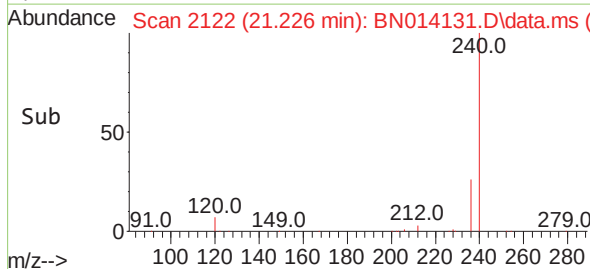
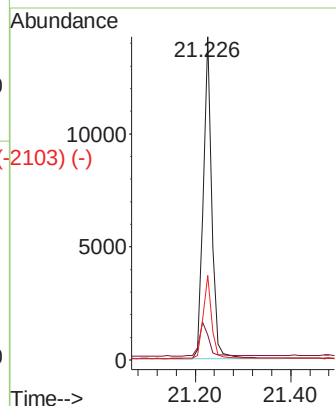
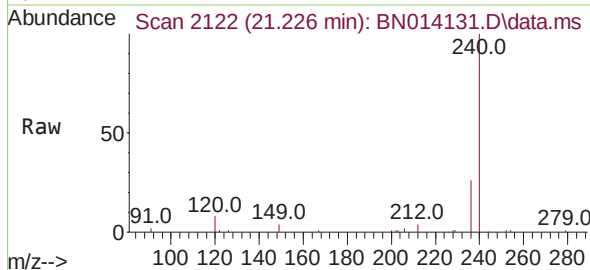
Abundance Scan 2122 (21.226 min): BN014120.D\data.ms (-2103) (-)



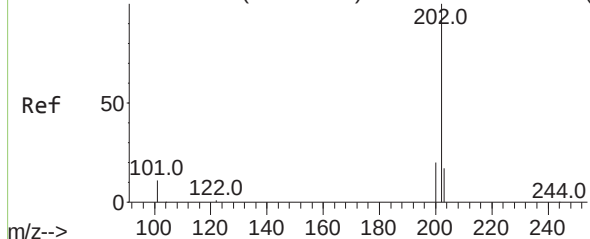
Chrysene-d12
Concen: 0.40 ng
RT: 21.226 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:240 Resp: 17542
Ion Ratio Lower Upper
240 100
120 7.8 8.4 12.6#
236 26.0 21.0 31.6

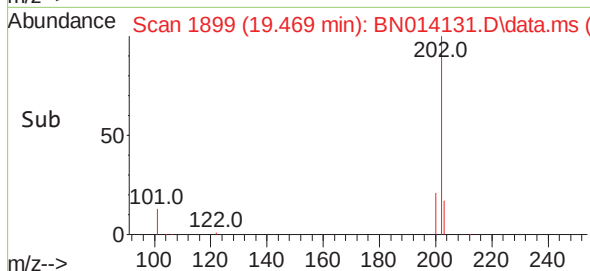
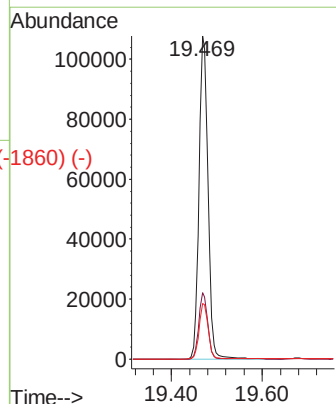
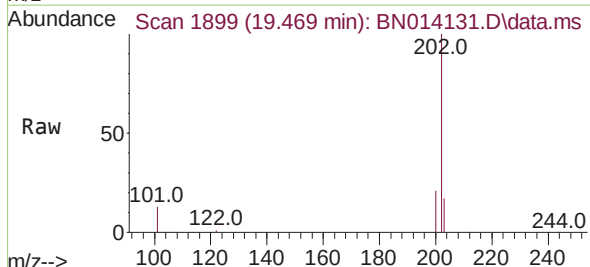


Abundance Scan 1900 (19.473 min): BN014120.D\data.ms (-1890) (-)



Pyrene
Concen: 2.55 ng
RT: 19.469 min Scan# 1899
Delta R.T. -0.005 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

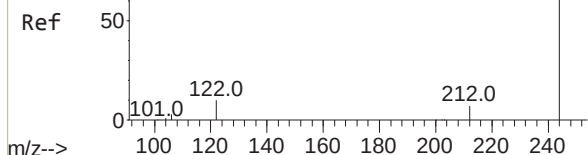
Tgt Ion:202 Resp: 145718
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 17.2 13.9 20.9



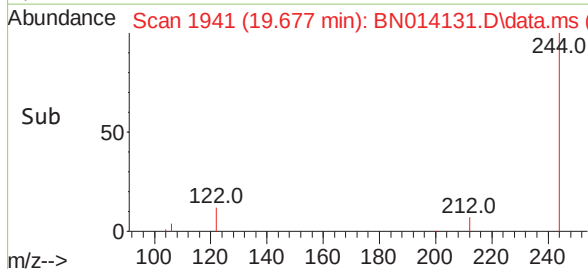
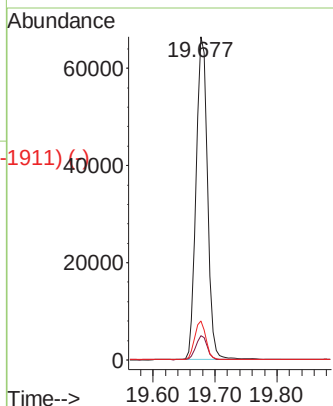
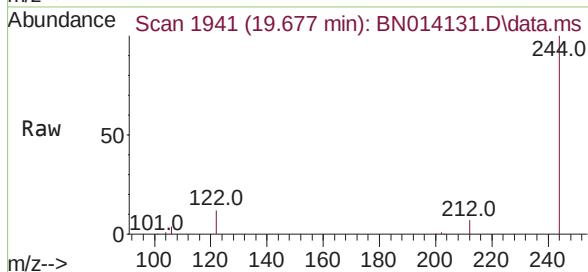
Abundance Scan 1942 (19.682 min): BN014120.D\data.ms (-1934) (-)

Terphenyl-d14
Concen: 2.09 ng
RT: 19.677 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL



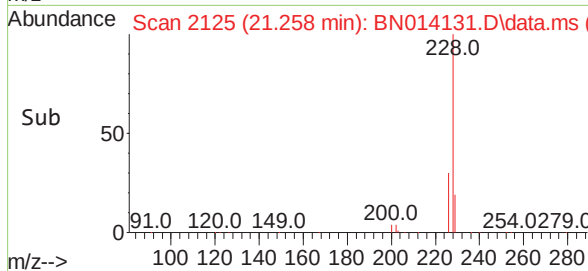
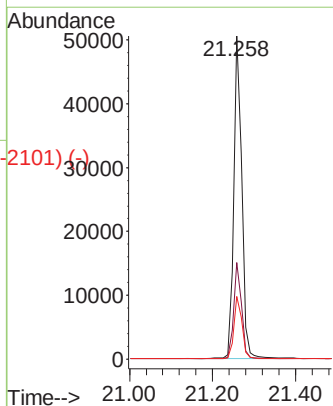
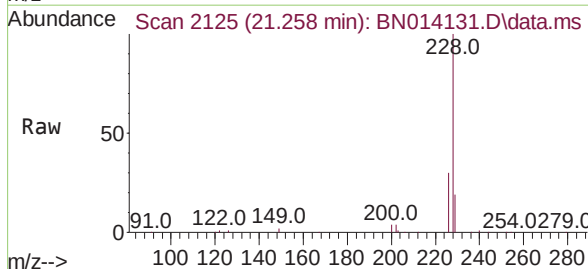
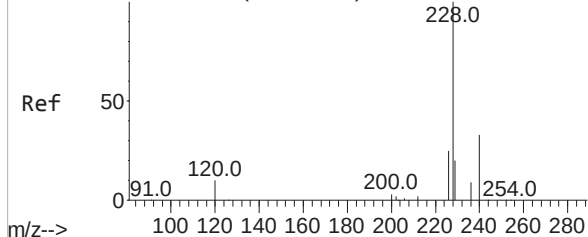
Tgt Ion:	244	Resp:	84300
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.0	8.6	13.0



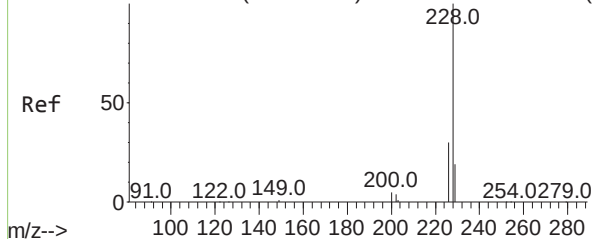
Abundance Scan 2121 (21.215 min): BN014120.D\data.ms (-2135) (-)

Benzo(a)anthracene
Concen: 1.38 ng
RT: 21.258 min Scan# 2125
Delta R.T. 0.053 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

Tgt Ion:	228	Resp:	67049
Ion	Ratio	Lower	Upper
228	100		
226	29.9	20.6	31.0
229	19.4	16.2	24.2



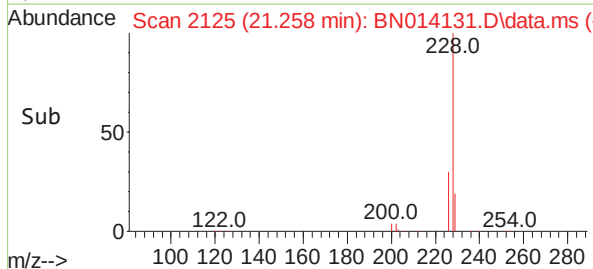
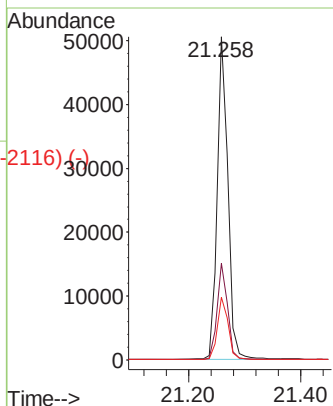
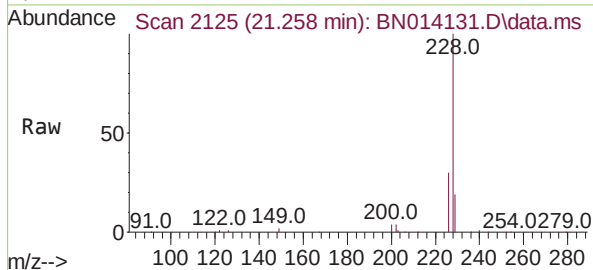
Abundance Scan 2125 (21.258 min): BN014120.D\data.ms (-228) (-)



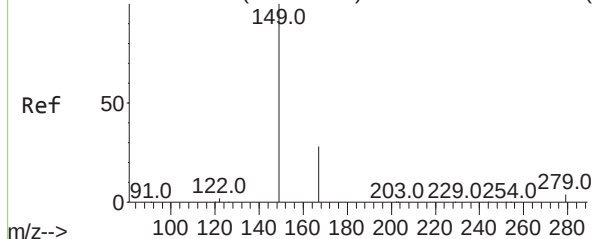
Chrysene
Concen: 1.25 ng
RT: 21.258 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:	228	Resp:	66990
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.4	15.5	23.3

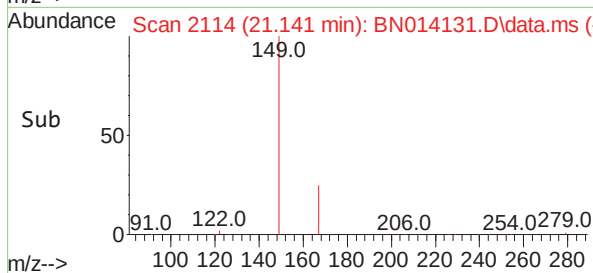
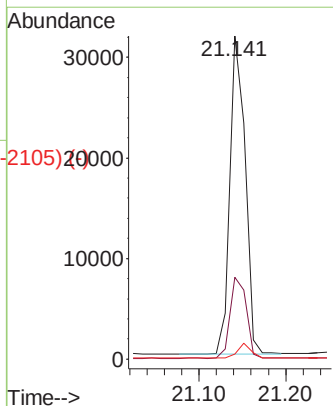
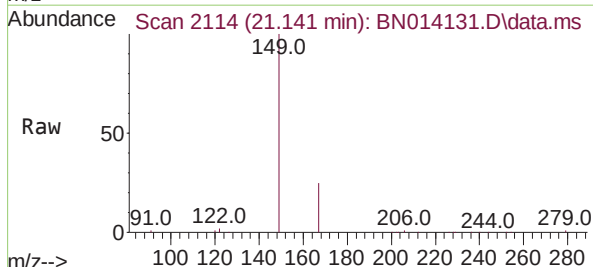


Abundance Scan 2115 (21.152 min): BN014120.D\data.ms (-2149) (-)



Bis(2-ethylhexyl)phthalate
Concen: 2.60 ng
RT: 21.141 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

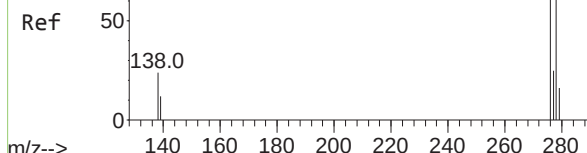
Tgt Ion:	149	Resp:	38511
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.4	32.2
279	4.0	3.5	5.3



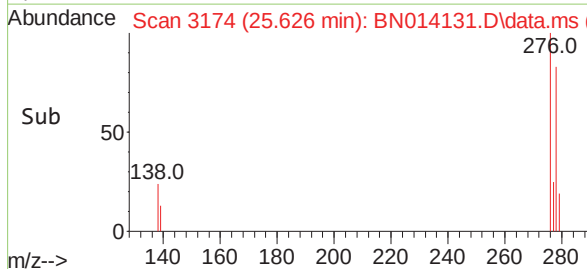
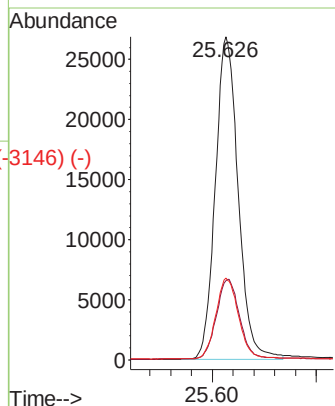
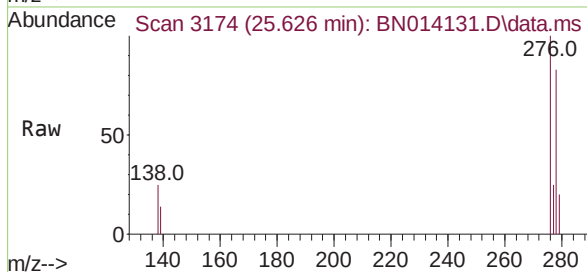
Abundance Scan 3176 (25.633 min): BN014120.D\data.ms (-3135) (-)

Indeno(1,2,3-cd)pyrene
Concen: 1.46 ng
RT: 25.626 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

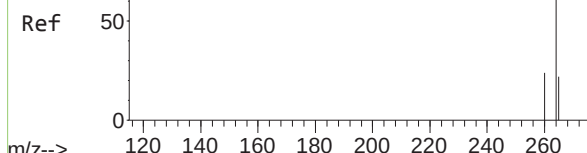


Tgt Ion:	276	Resp:	81658
Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.4	29.2
277	25.1	19.8	29.6

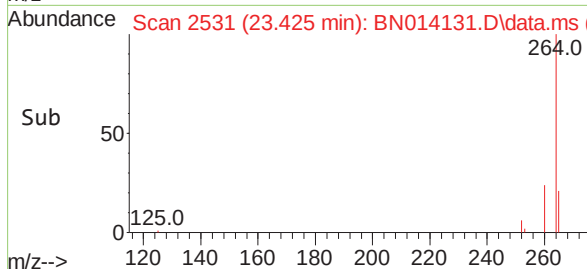
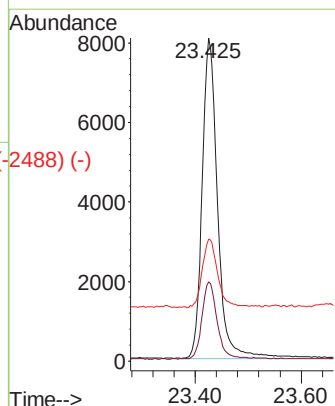
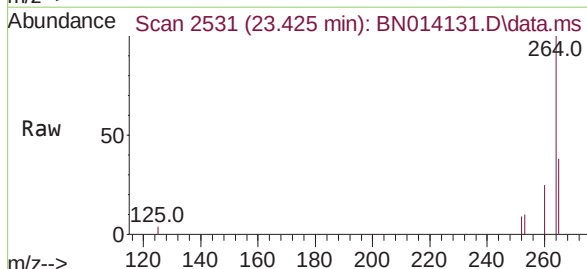


Abundance Scan 2533 (23.432 min): BN014120.D\data.ms (-2526) (-)

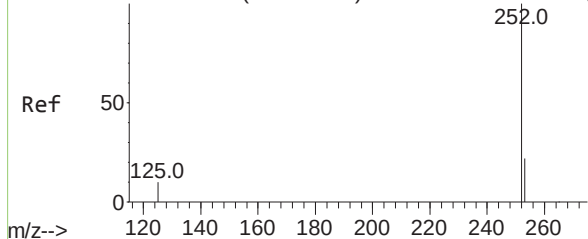
Perylene-d12
Concen: 0.40 ng
RT: 23.425 min Scan# 2531
Delta R.T. -0.003 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38



Tgt Ion:	264	Resp:	16144
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	37.7	30.7	46.1



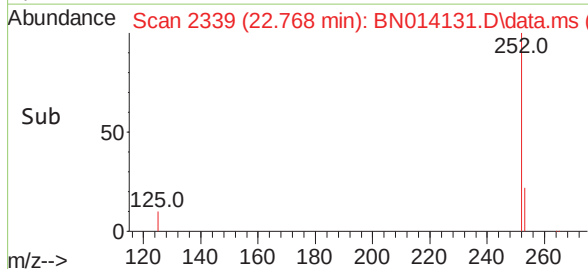
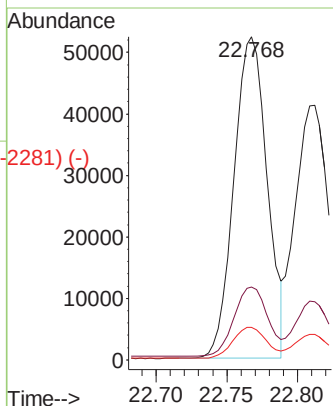
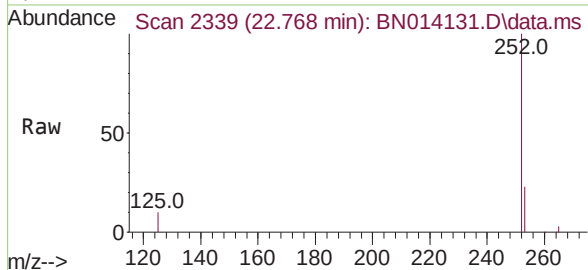
Abundance Scan 2340 (22.771 min): BN014120.D\data.ms (-225) (-)



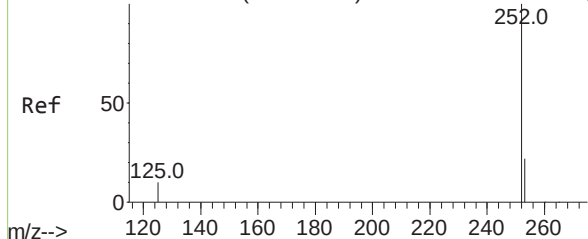
Benzo(b)fluoranthene
Concen: 1.50 ng
RT: 22.768 min Scan# 2339
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

Tgt Ion:	252	Resp:	85516
Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.6	30.8
125	10.2	9.4	14.2

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

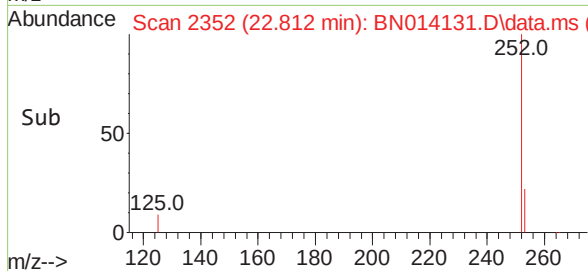
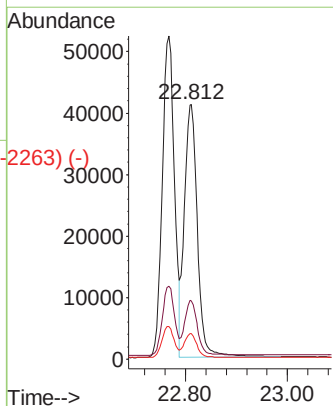
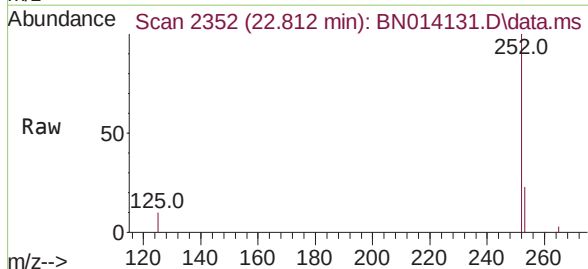


Abundance Scan 2352 (22.812 min): BN014120.D\data.ms (-226) (-)



Benzo(k)fluoranthene
Concen: 1.30 ng
RT: 22.812 min Scan# 2352
Delta R.T. 0.004 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

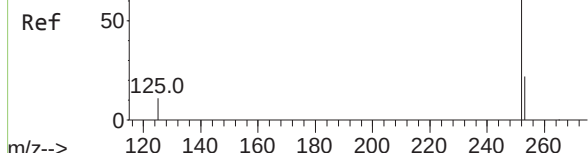
Tgt Ion:	252	Resp:	72209
Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.6	30.8
125	10.0	9.5	14.3



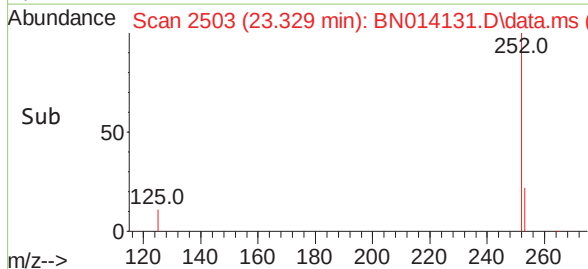
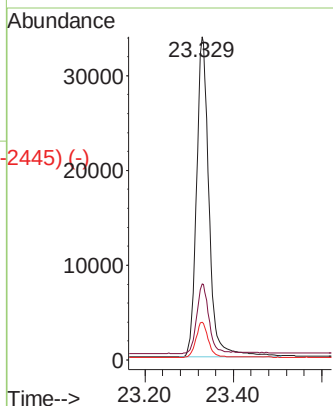
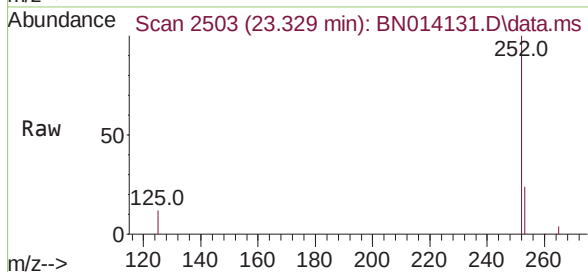
Abundance Scan 2505 (23.336 min): BN014120.D\data.ms (-2439) (-)

Benzo(a)pyrene
Concen: 1.36 ng
RT: 23.329 min Scan# 2503
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL



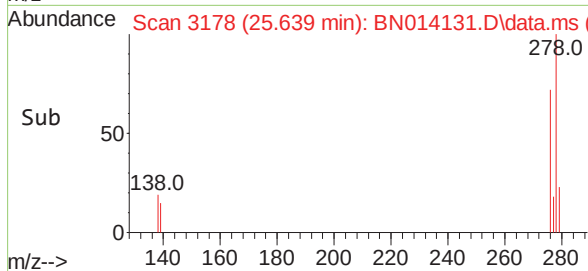
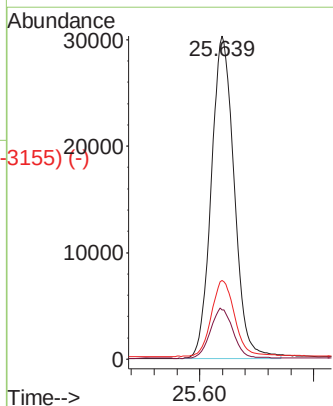
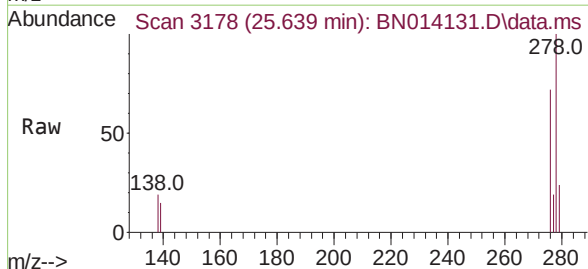
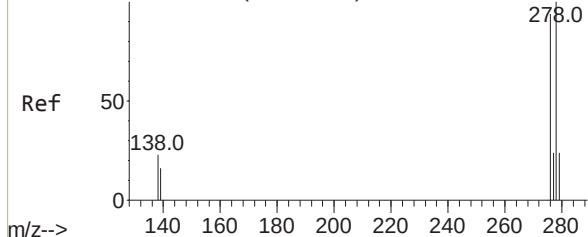
Tgt Ion:	252	Resp:	66566
Ion	Ratio	Lower	Upper
252	100		
253	23.6	21.9	32.9
125	11.6	10.8	16.2



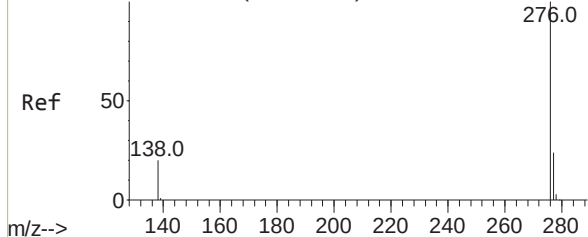
Abundance Scan 3179 (25.643 min): BN014120.D\data.ms (-3140) (-)

Dibenzo(a,h)anthracene
Concen: 1.67 ng
RT: 25.639 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

Tgt Ion:	278	Resp:	84123
Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.4	20.0
279	24.3	21.3	31.9



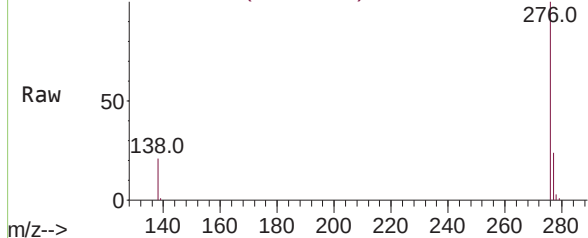
Abundance Scan 3372 (26.303 min): BN014120.D\data.ms (-3349) (-)



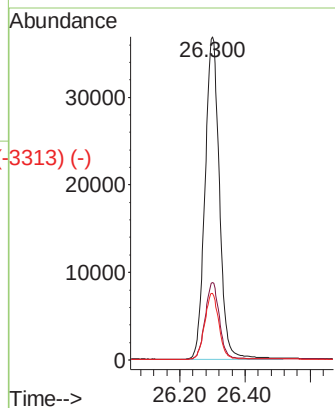
Benzo(g,h,i)perylene
Concen: 2.11 ng
RT: 26.300 min Scan# 3371
Delta R.T. 0.000 min
Lab File: BN014131.D
Acq: 29 Mar 2021 17:38

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Abundance Scan 3371 (26.300 min): BN014131.D\data.ms



Tgt Ion:	276	Resp:	112861
Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.1	30.1
138	20.6	17.0	25.4



Abundance Scan 3371 (26.300 min): BN014131.D\data.ms (-3313) (-)

