

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014069.D
 Acq On : 24 Mar 2021 12:59
 Operator : CG/JU
 Sample : M1735-08DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210315DL

Quant Time: Mar 24 13:37:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

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

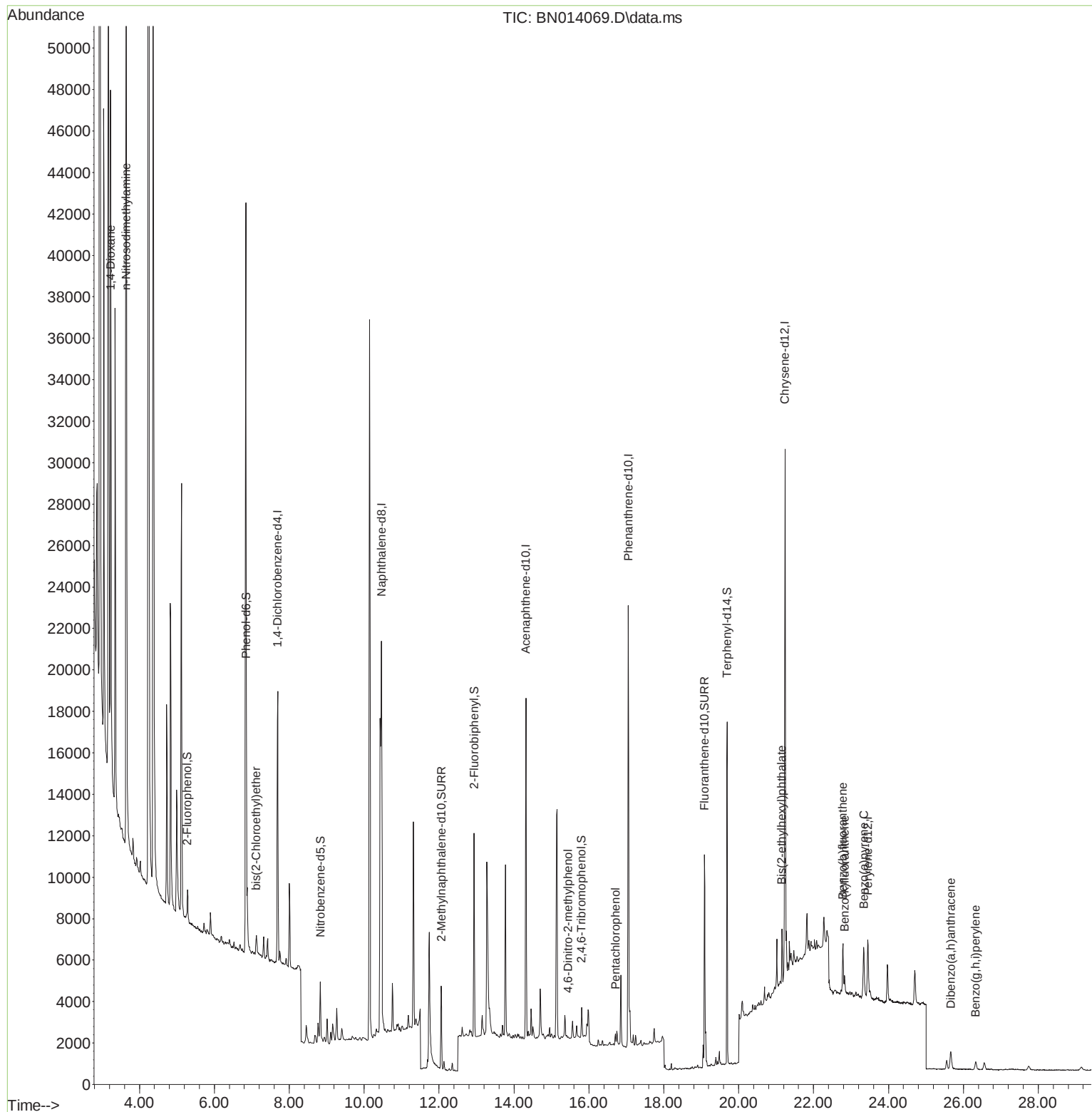
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6098	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	24491	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	9034	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	28885	0.40	ng	-0.01
29) Chrysene-d12	21.239	240	23452	0.40	ng	# 0.00
36) Perylene-d12	23.448	264	3083	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	1088	0.08	ng	0.00
5) Phenol-d6	6.855	99	1307	0.07	ng	0.00
8) Nitrobenzene-d5	8.832	82	2251	0.14	ng	-0.01
11) 2-Methylnaphthalene-d10	12.057	152	5156	0.14	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1023	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	8125	0.24	ng	-0.01
27) Fluoranthene-d10	19.089	212	11421	0.14	ng	0.00
31) Terphenyl-d14	19.690	244	15693	0.30	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.231	88	20433	2.54	ng	96
3) n-Nitrosodimethylamine	3.649	42	3123	0.58	ng	# 1
6) bis(2-Chloroethyl)ether	7.120	93	414	0.03	ng	89
20) 4,6-Dinitro-2-methylph...	15.450	198	99	0.03	ng	# 1
24) Pentachlorophenol	16.715	266	371	0.09	ng	89
34) Bis(2-ethylhexyl)phtha...	21.154	149	2623	0.11	ng	97
37) Benzo(b)fluoranthene	22.784	252	1476	0.13	ng	# 1
38) Benzo(k)fluoranthene	22.829	252	879	0.08	ng	# 1
39) Benzo(a)pyrene	23.345	252	742	0.08	ng	# 1
40) Dibenzo(a,h)anthracene	25.670	278	983	0.10	ng	# 1
41) Benzo(g,h,i)perylene	26.330	276	778	0.07	ng	# 48

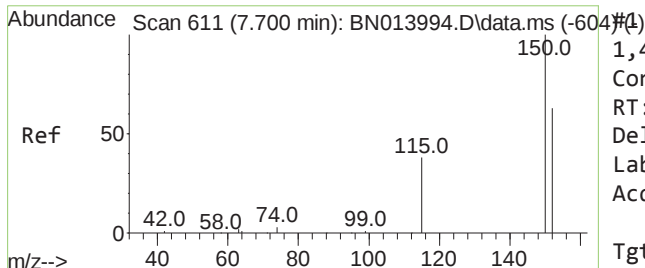
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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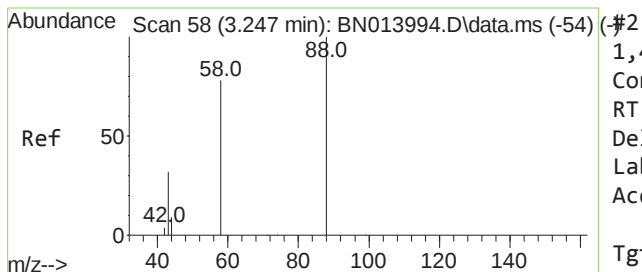
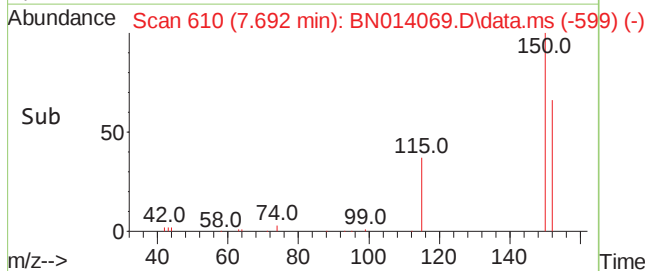
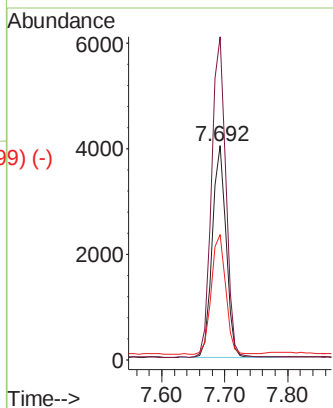
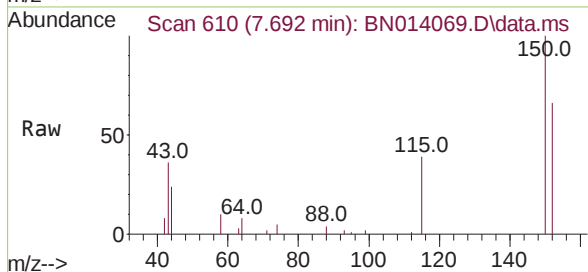




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. -0.008 min
 Lab File: BN014069.D
 Acq: 24 Mar 2021 12:59

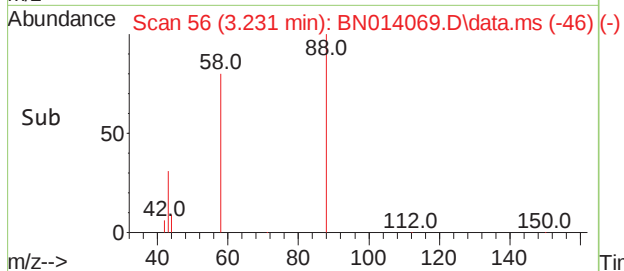
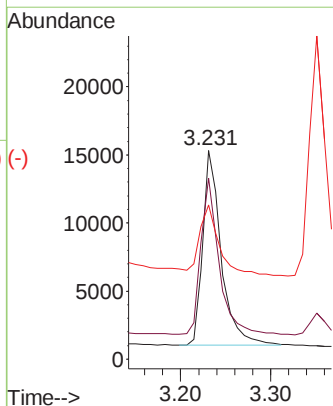
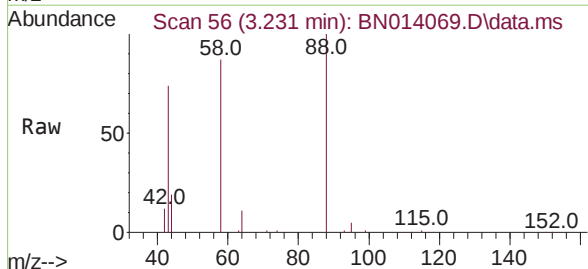
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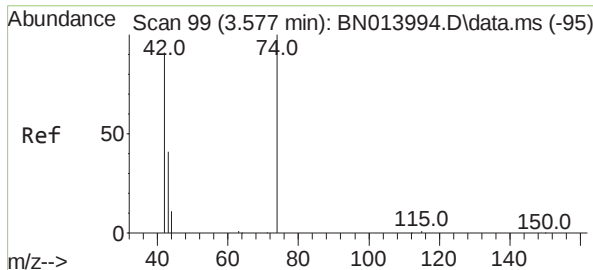
Tgt Ion:152 Resp: 6098
 Ion Ratio Lower Upper
 152 100
 150 151.0 121.8 182.8
 115 58.5 46.6 69.8



1,4-Dioxane
 Concen: 2.54 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.016 min
 Lab File: BN014069.D
 Acq: 24 Mar 2021 12:59

Tgt Ion: 88 Resp: 20433
 Ion Ratio Lower Upper
 88 100
 58 78.1 64.6 96.8
 43 37.7 26.6 40.0

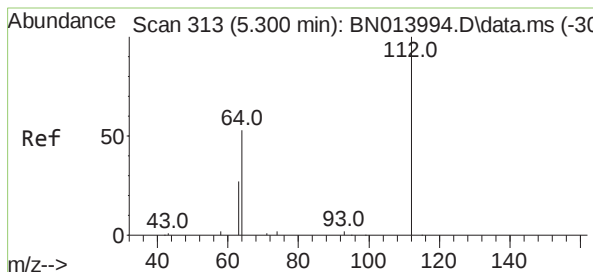
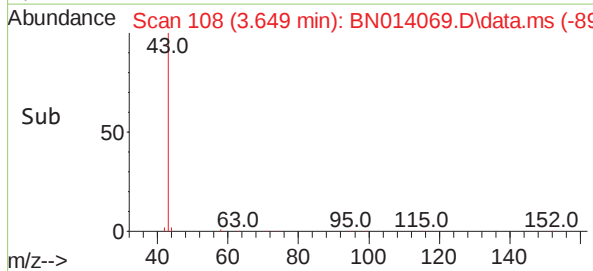
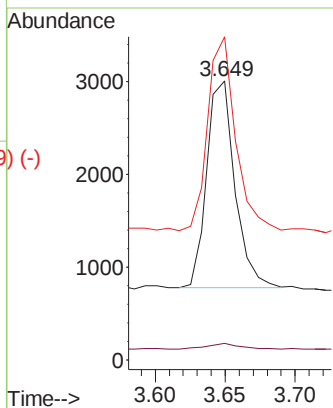
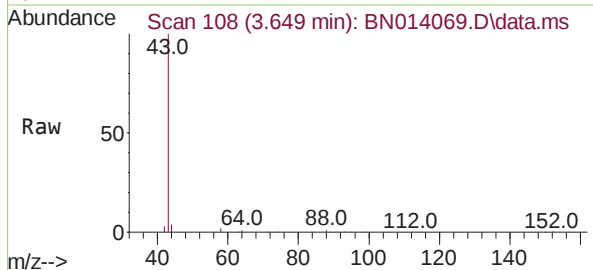




n-Nitrosodimethylamine
Concen: 0.58 ng
RT: 3.649 min Scan# 108
Delta R.T. 0.057 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

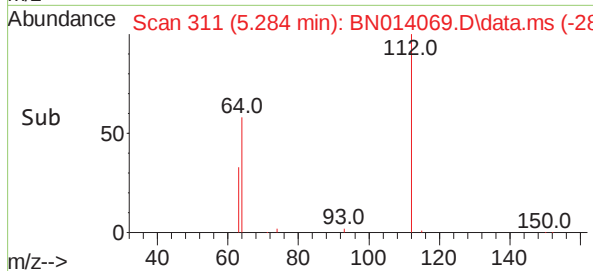
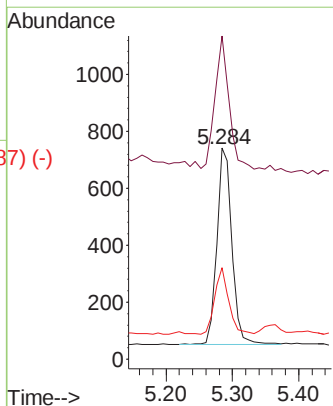
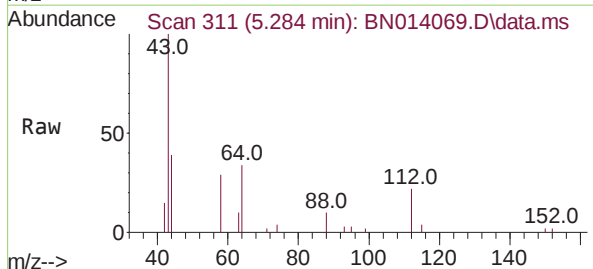
Instrument :
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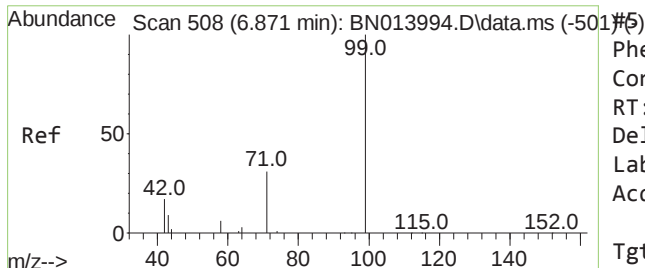
Tgt Ion: 42 Resp: 3123
Ion Ratio Lower Upper
42 100
74 3.2 95.0 142.6#
44 91.9 5.8 8.8#



2-Fluorophenol
Concen: 0.08 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.008 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Tgt Ion: 112 Resp: 1088
Ion Ratio Lower Upper
112 100
64 63.6 44.3 66.5
63 31.7 23.0 34.6

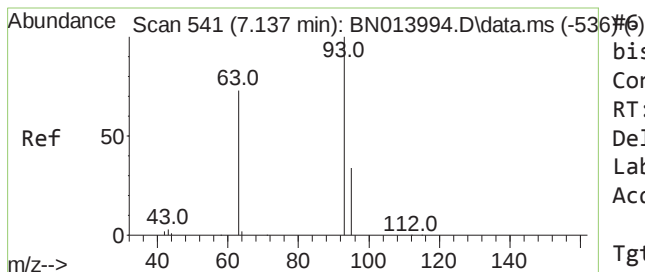
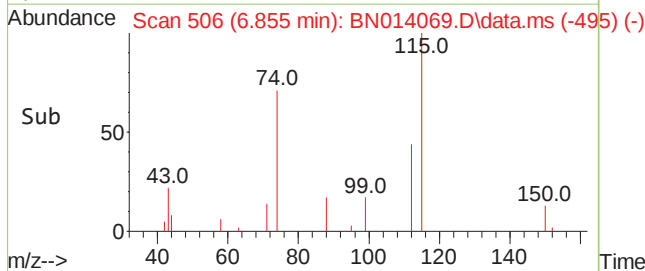
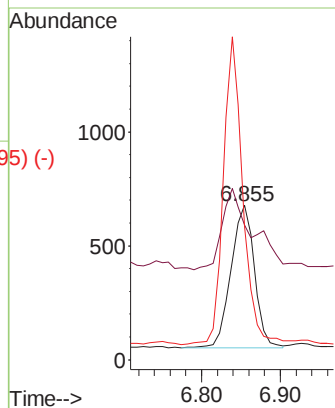
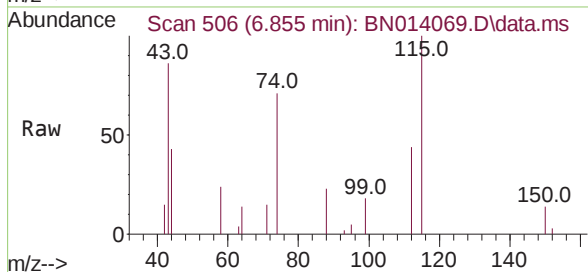




Phenol-d6
Concen: 0.07 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.008 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

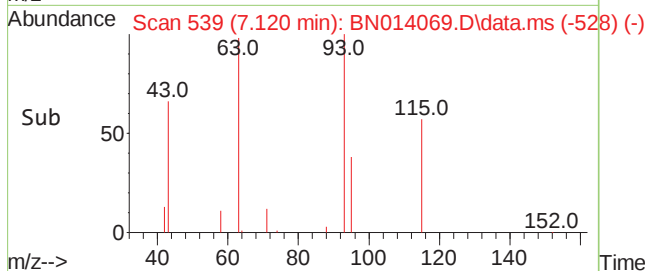
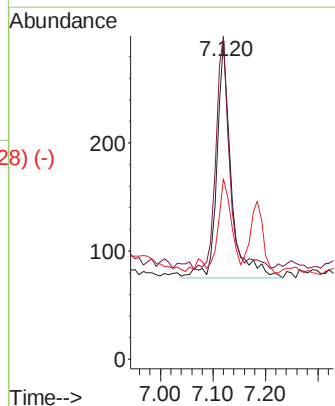
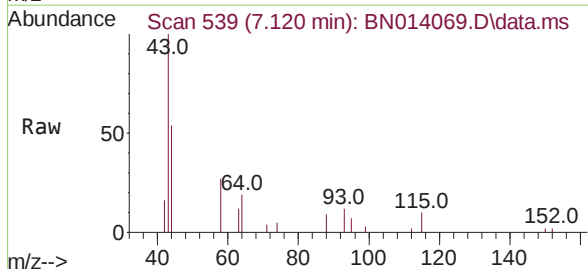
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL

Tgt Ion: 99 Resp: 1307
Ion Ratio Lower Upper
99 100
42 77.6 15.2 22.8#
71 180.0 26.1 39.1#

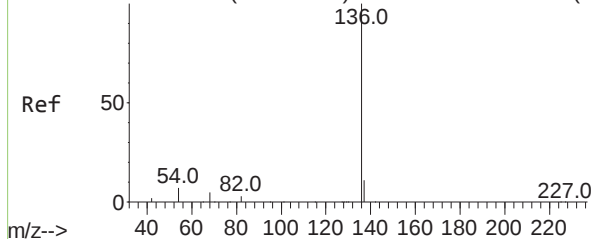


bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.120 min Scan# 539
Delta R.T. -0.008 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Tgt Ion: 93 Resp: 414
Ion Ratio Lower Upper
93 100
63 87.9 60.8 91.2
95 35.0 26.0 39.0



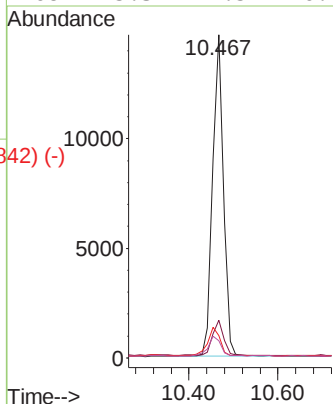
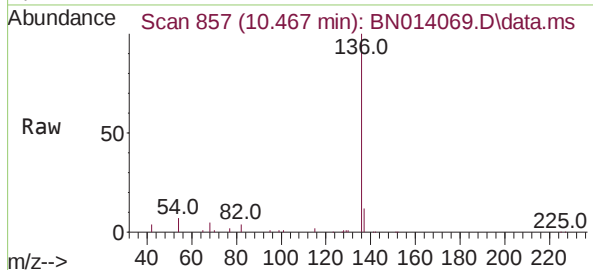
Abundance Scan 858 (10.480 min): BN013994.D\data.ms (-857#7-)



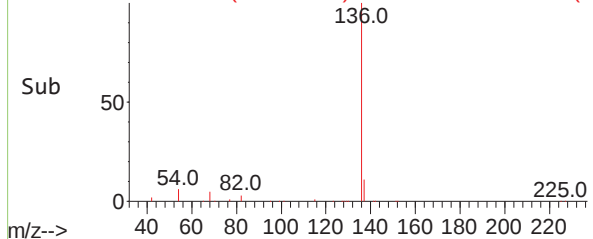
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014069.D
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ClientSampleId :
RE132D5-20210315DL

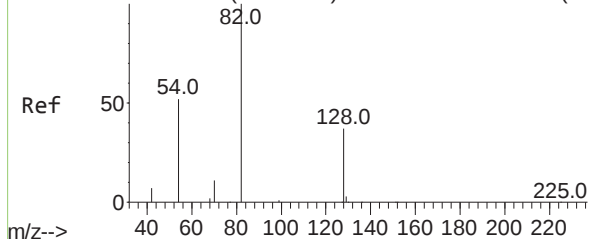
Tgt Ion:	136	Resp:	24491
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	6.9	6.4	9.6
68	5.3	4.5	6.7



Abundance Scan 857 (10.467 min): BN014069.D\data.ms (-842) (-)

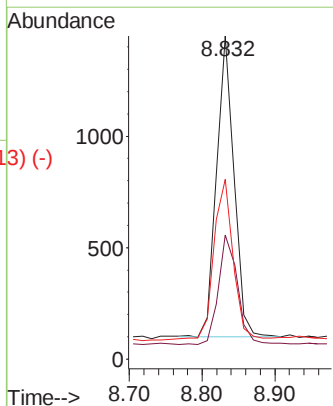
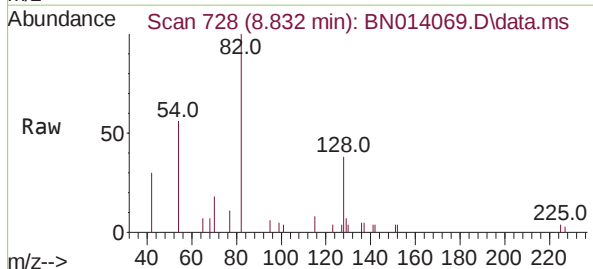


Abundance Scan 729 (8.845 min): BN013994.D\data.ms (-726#8)

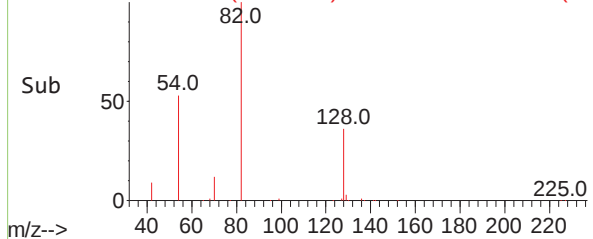


Nitrobenzene-d5
Concen: 0.14 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Tgt Ion:	82	Resp:	2251
Ion	Ratio	Lower	Upper
82	100		
128	38.4	39.2	58.8#
54	55.7	40.1	60.1



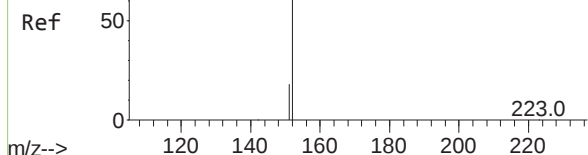
Abundance Scan 728 (8.832 min): BN014069.D\data.ms (-713) (-)



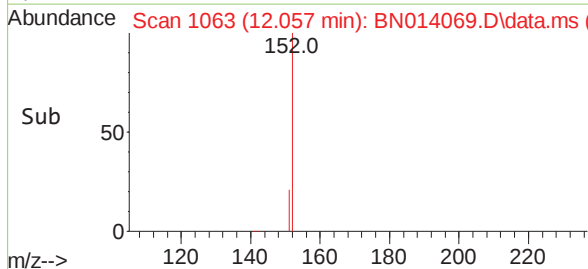
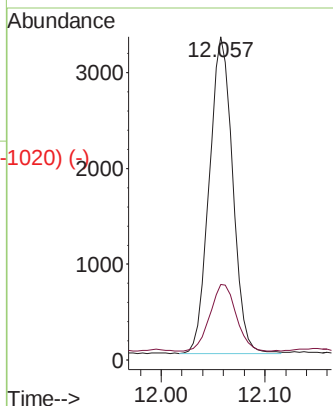
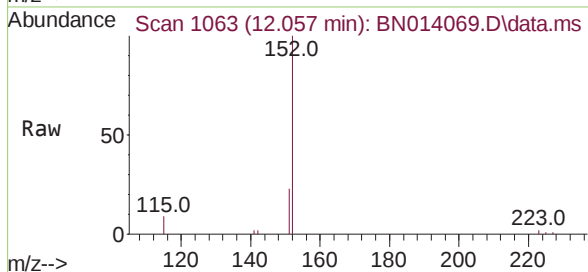
Abundance Scan 1066 (12.071 min): BN013994.D\data.ms (-1015) (-)

2-Methylnaphthalene-d10
Concen: 0.14 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.008 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

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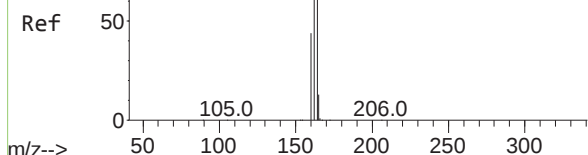


Tgt Ion:152 Resp: 5156
Ion Ratio Lower Upper
152 100
151 23.7 16.2 24.2

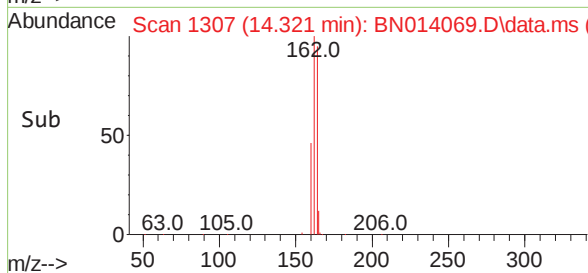
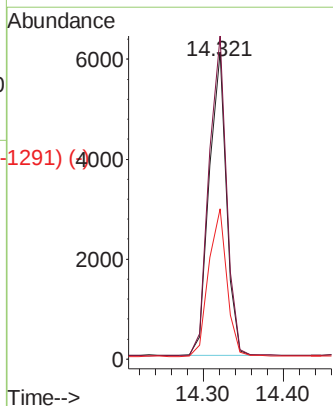
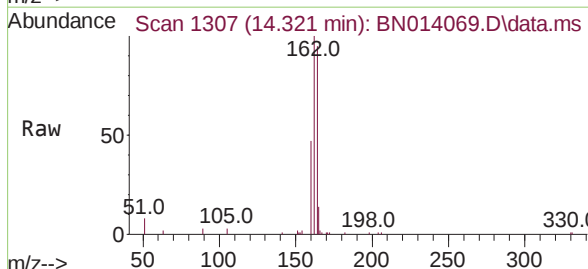


Abundance Scan 1308 (14.334 min): BN013994.D\data.ms (-1310) (-)

Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59



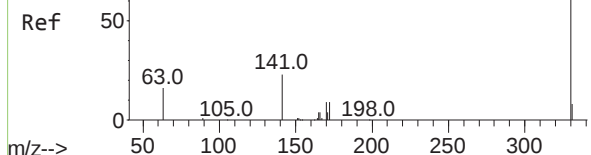
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Ion Ratio Lower Upper
164 100
162 105.3 79.6 119.4
160 49.0 36.0 54.0



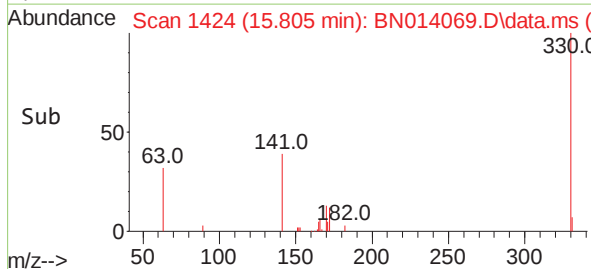
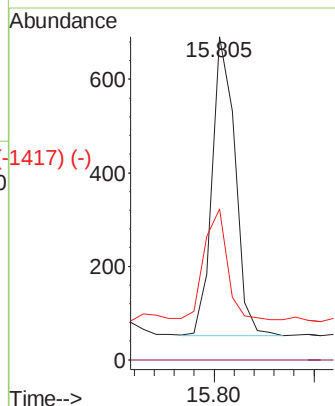
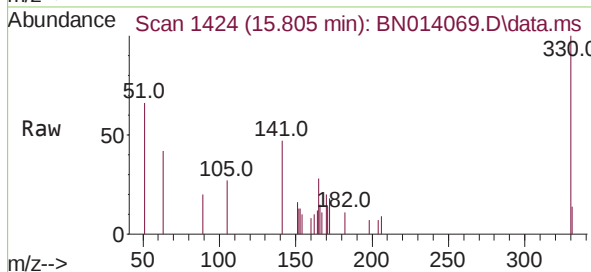
Abundance Scan 1425 (15.818 min): BN013994.D\data.ms (-1419) (-)

2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

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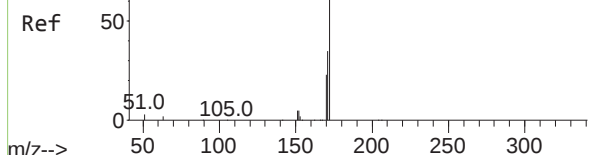


Tgt Ion:	330	Resp:	1023
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.0	26.8	40.2

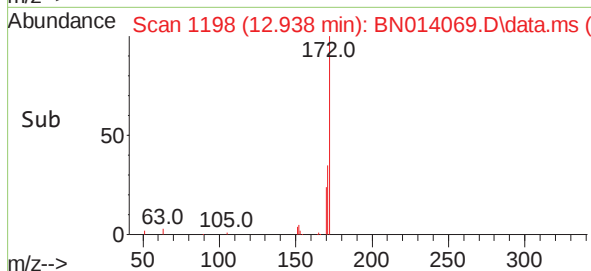
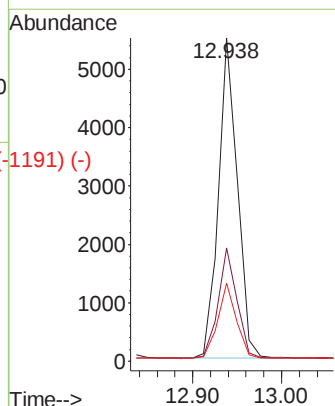
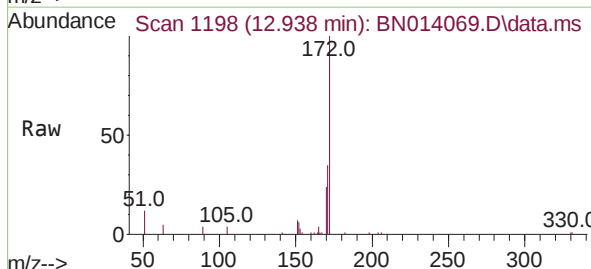


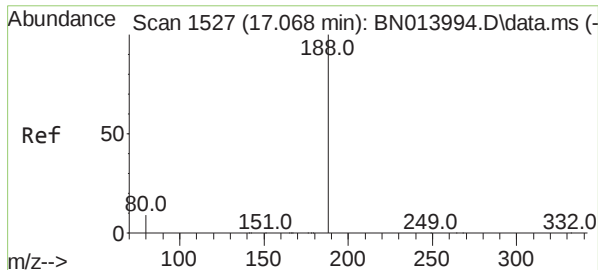
Abundance Scan 1199 (12.951 min): BN013994.D\data.ms (-1115) (-)

2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59



Tgt Ion:	172	Resp:	8125
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	24.2	18.9	28.3

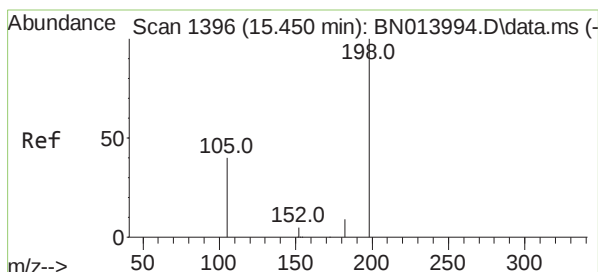
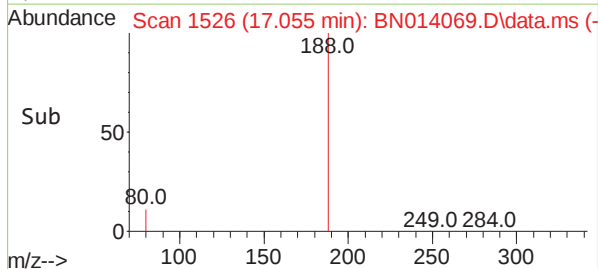
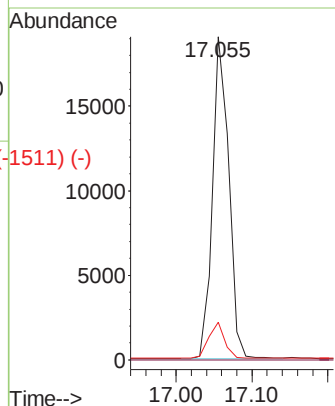
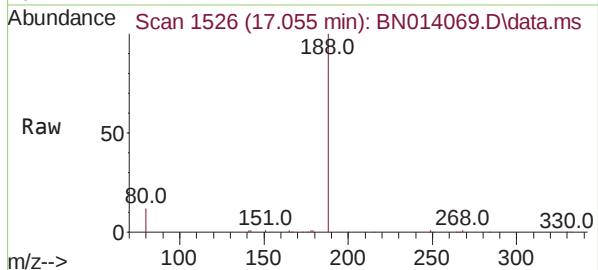




Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

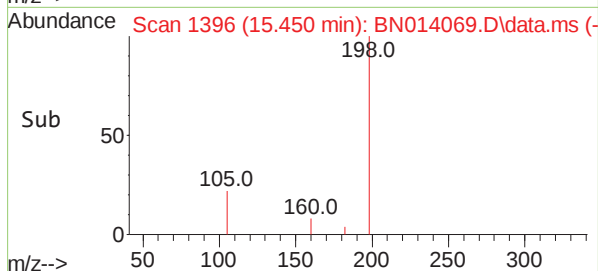
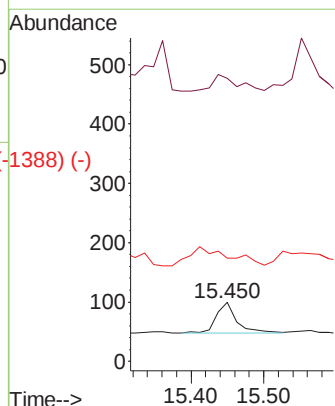
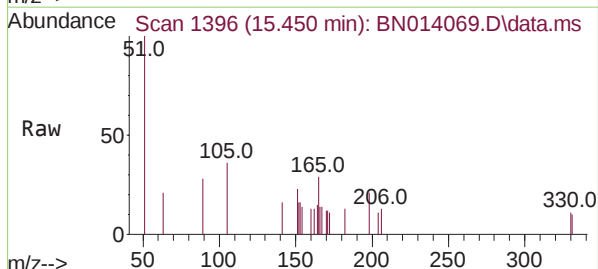
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Tgt Ion:	188	Resp:	28885
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	9.0	13.6

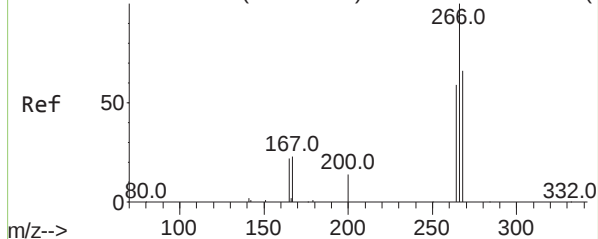


4,6-Dinitro-2-methylphenol
Concen: 0.03 ng
RT: 15.450 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Tgt Ion:	198	Resp:	99
Ion	Ratio	Lower	Upper
198	100		
51	481.8	61.7	92.5#
105	175.8	33.0	49.6#



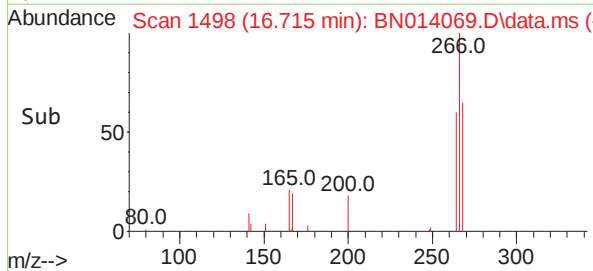
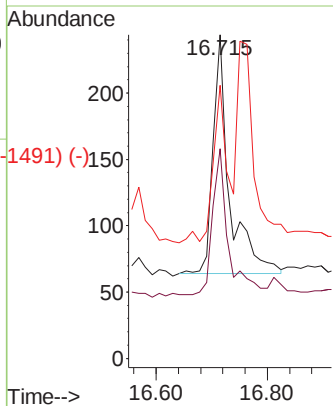
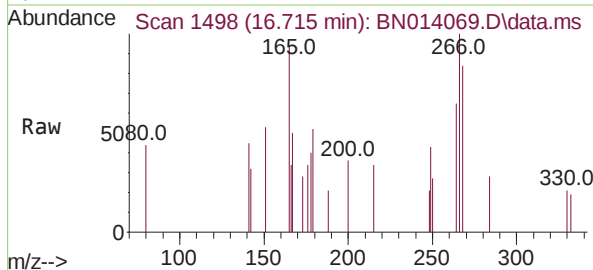
Abundance Scan 1499 (16.727 min): BN013994.D\data.ms (-1491) (-)



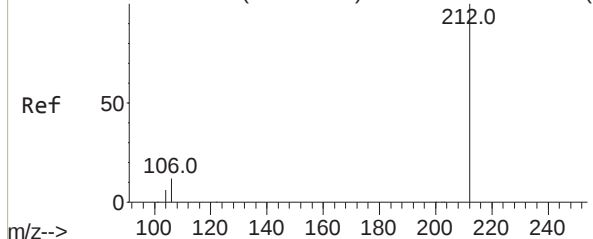
Pentachlorophenol
Concen: 0.09 ng
RT: 16.715 min Scan# 1498
Delta R.T. -0.012 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL

Tgt Ion:266 Resp: 371
Ion Ratio Lower Upper
266 100
264 57.1 51.6 77.4
268 57.4 54.6 82.0

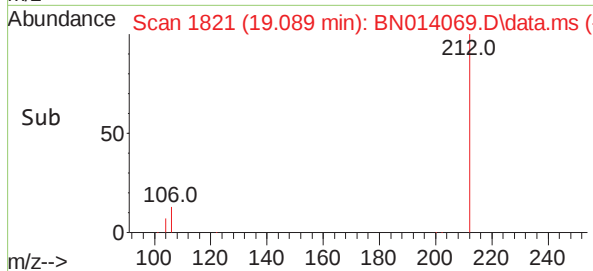
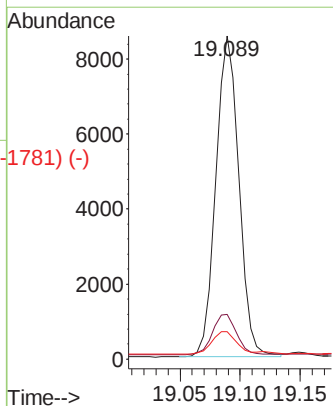
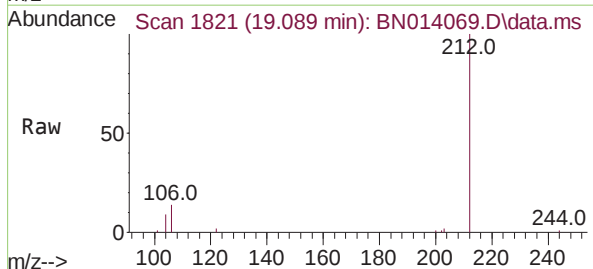


Abundance Scan 1823 (19.099 min): BN013994.D\data.ms (-1821) (-)

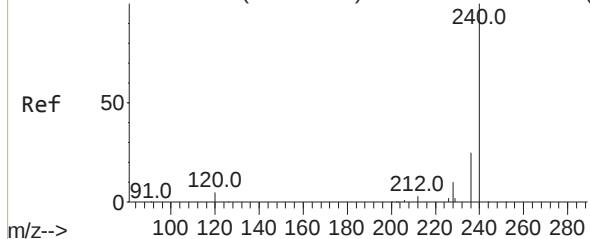


Fluoranthene-d10
Concen: 0.14 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Tgt Ion:212 Resp: 11421
Ion Ratio Lower Upper
212 100
106 13.2 9.7 14.5
104 8.1 5.5 8.3



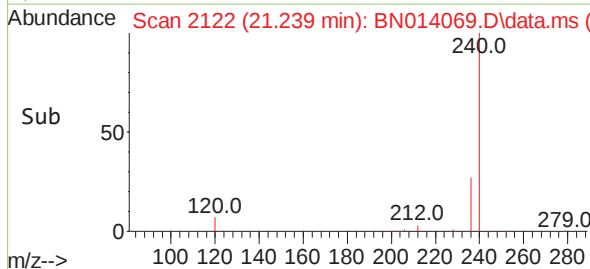
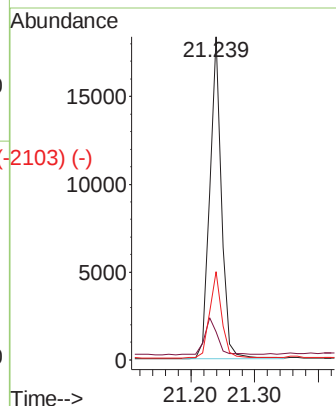
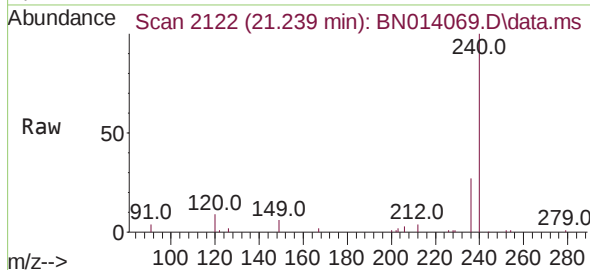
Abundance Scan 2123 (21.250 min): BN013994.D\data.ms (-2123) (-)



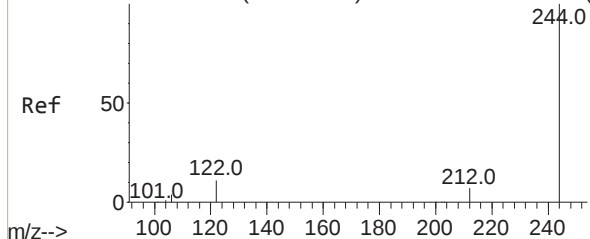
Chrysene-d12
Concen: 0.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL

Tgt Ion:240 Resp: 23452
Ion Ratio Lower Upper
240 100
120 8.6 10.2 15.4#
236 27.3 21.3 31.9

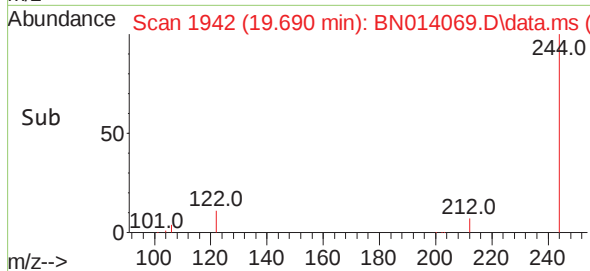
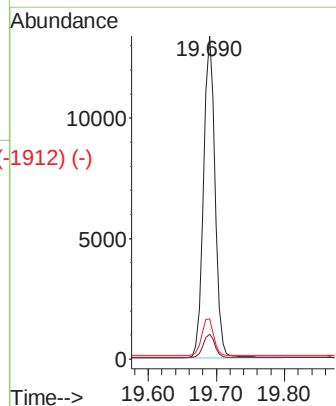
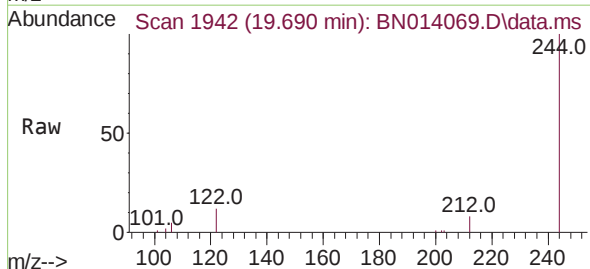


Abundance Scan 1944 (19.700 min): BN013994.D\data.ms (-1936) (-)



Terphenyl-d14
Concen: 0.30 ng
RT: 19.690 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

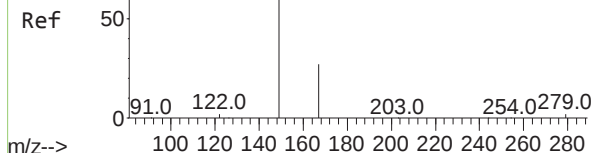
Tgt Ion:244 Resp: 15693
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 12.4 9.8 14.8



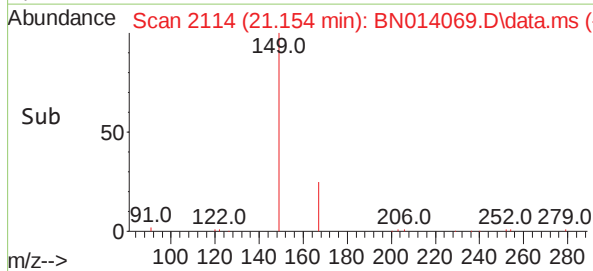
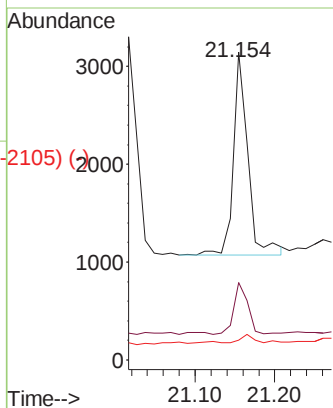
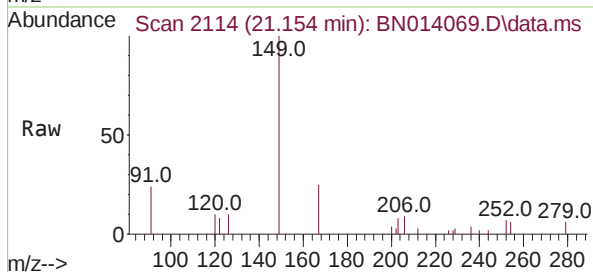
Abundance Scan 2115 (21.165 min): BN013994.D\data.ms (-2115) (-)

Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL

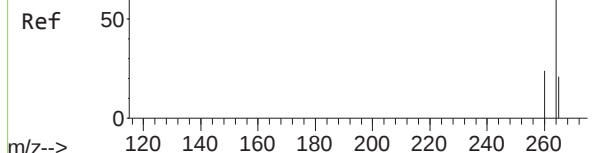


Tgt Ion:	149	Resp:	2623
Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.1	33.1
279	4.2	3.5	5.3

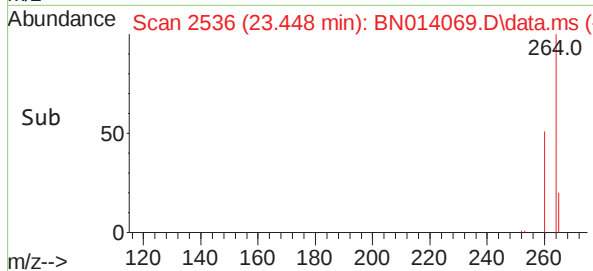
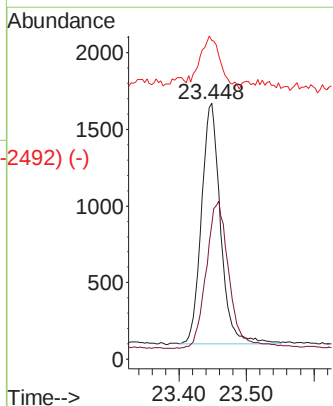
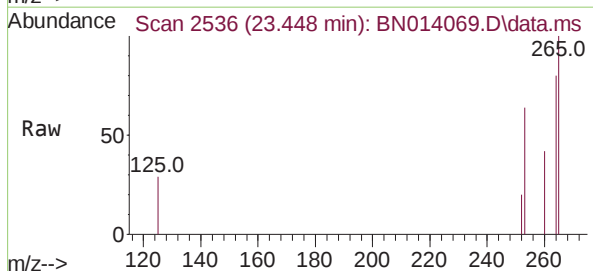


Abundance Scan 2539 (23.458 min): BN013994.D\data.ms (-2539) (-)

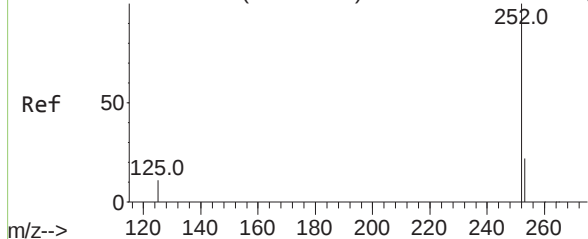
Perylene-d12
Concen: 0.40 ng
RT: 23.448 min Scan# 2536
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59



Tgt Ion:	264	Resp:	3083
Ion	Ratio	Lower	Upper
264	100		
260	52.7	19.3	28.9#
265	124.7	66.2	99.4#



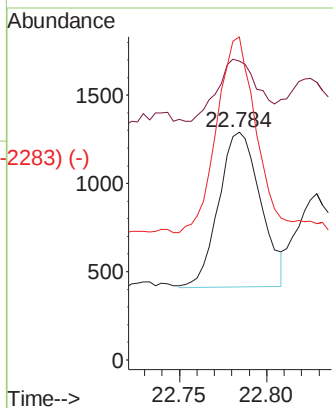
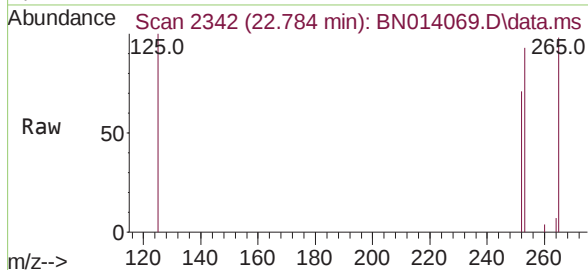
Abundance Scan 2345 (22.794 min): BN013994.D\data.ms (-2345) (-)



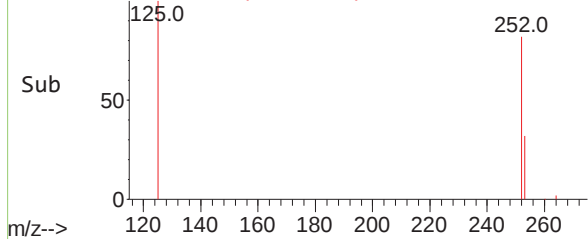
Benzo(b)fluoranthene
Concen: 0.13 ng
RT: 22.784 min Scan# 2342
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL

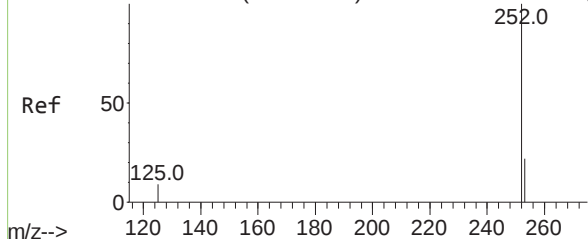
Tgt Ion:	252	Resp:	1476
Ion	Ratio	Lower	Upper
252	100		
253	131.3	20.4	30.6#
125	141.8	11.6	17.4#



Abundance Scan 2342 (22.784 min): BN014069.D\data.ms (-2283) (-)

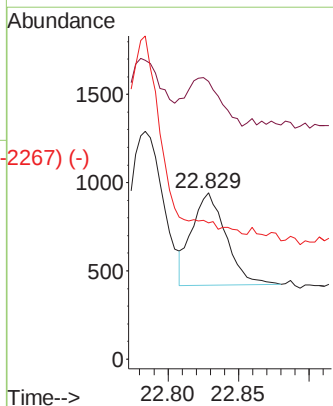
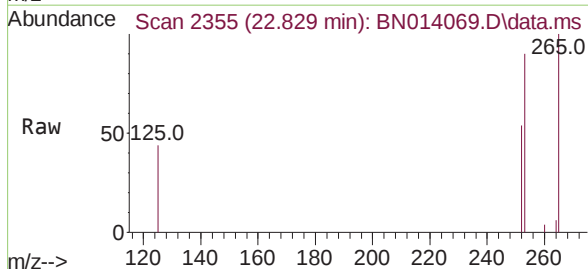


Abundance Scan 2358 (22.839 min): BN013994.D\data.ms (-2358) (-)

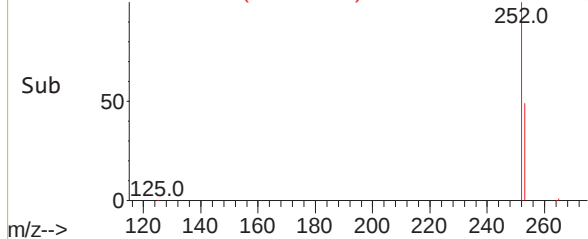


Benzo(k)fluoranthene
Concen: 0.08 ng
RT: 22.829 min Scan# 2355
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Tgt Ion:	252	Resp:	879
Ion	Ratio	Lower	Upper
252	100		
253	167.3	20.5	30.7#
125	82.1	12.3	18.5#



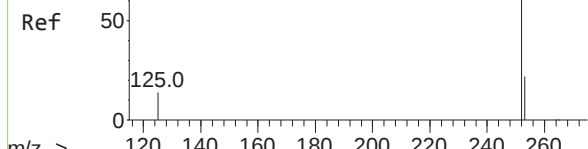
Abundance Scan 2355 (22.829 min): BN014069.D\data.ms (-2267) (-)



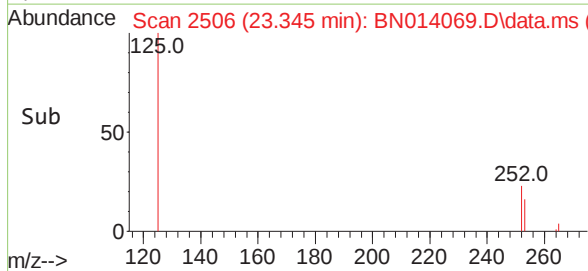
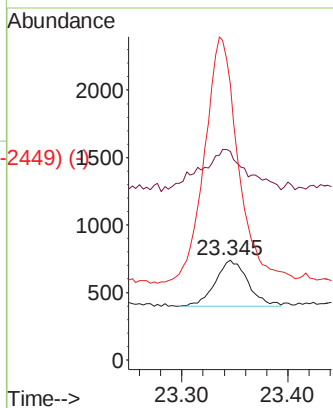
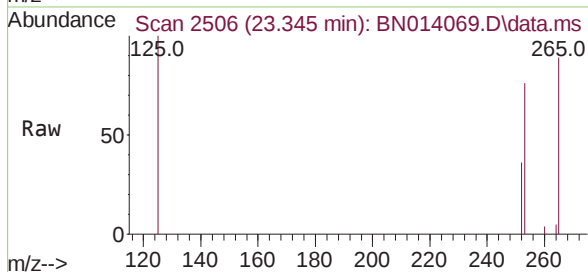
Abundance Scan 2511 (23.363 min): BN013994.D\data.ms (-2449) (-)

Benzo(a)pyrene
Concen: 0.08 ng
RT: 23.345 min Scan# 2506
Delta R.T. -0.006 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL

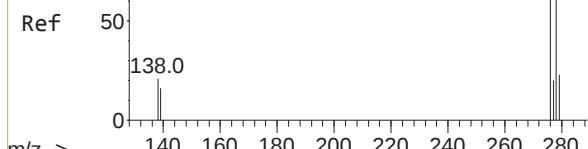


Tgt Ion:	252	Resp:	742
Ion Ratio	Lower	Upper	
252	100		
253	208.2	21.8	32.6#
125	275.5	14.6	21.8#

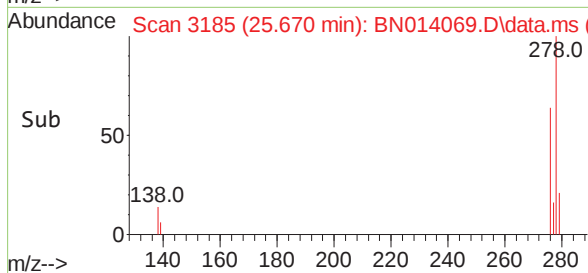
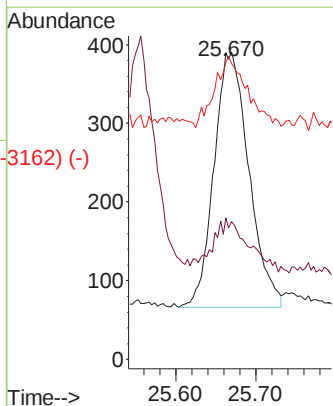
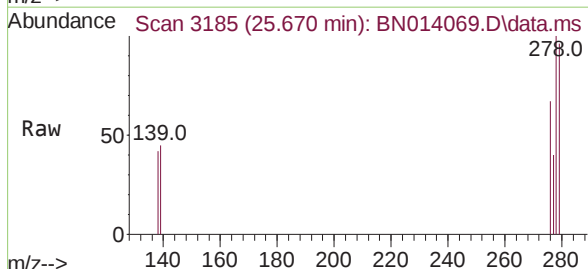


Abundance Scan 3190 (25.687 min): BN013994.D\data.ms (-3179) (-)

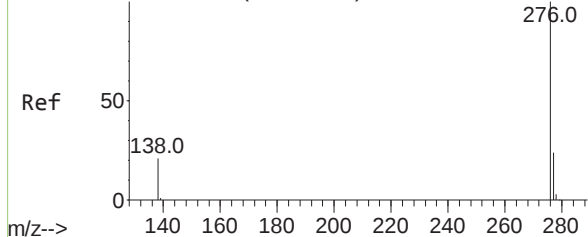
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 25.670 min Scan# 3185
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59



Tgt Ion:	278	Resp:	983
Ion Ratio	Lower	Upper	
278	100		
139	44.8	13.1	19.7#
279	96.2	21.4	32.0#



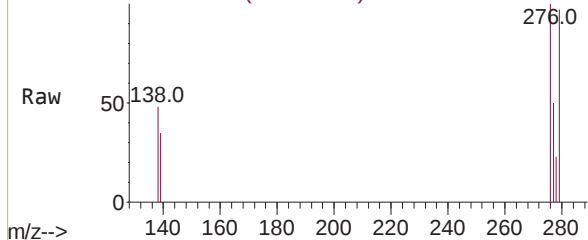
Abundance Scan 3384 (26.351 min): BN013994.D\data.ms (-3399) (-)



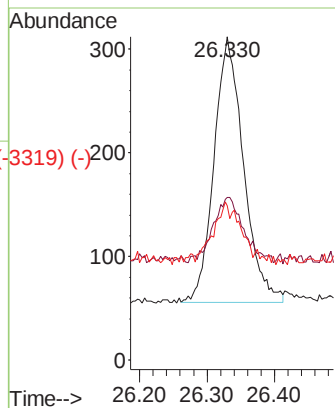
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 26.330 min Scan# 3378
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL

Abundance Scan 3378 (26.330 min): BN014069.D\data.ms



Tgt Ion:	276	Resp:	778
Ion	Ratio	Lower	Upper
276	100		
277	50.3	20.0	30.0#
138	47.8	17.8	26.8#



Abundance Scan 3378 (26.330 min): BN014069.D\data.ms (-3319) (-)

