

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014067.D
 Acq On : 24 Mar 2021 10:28
 Operator : CG/JU
 Sample : M1735-08DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210315DL

Quant Time: Mar 24 11:23:05 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)

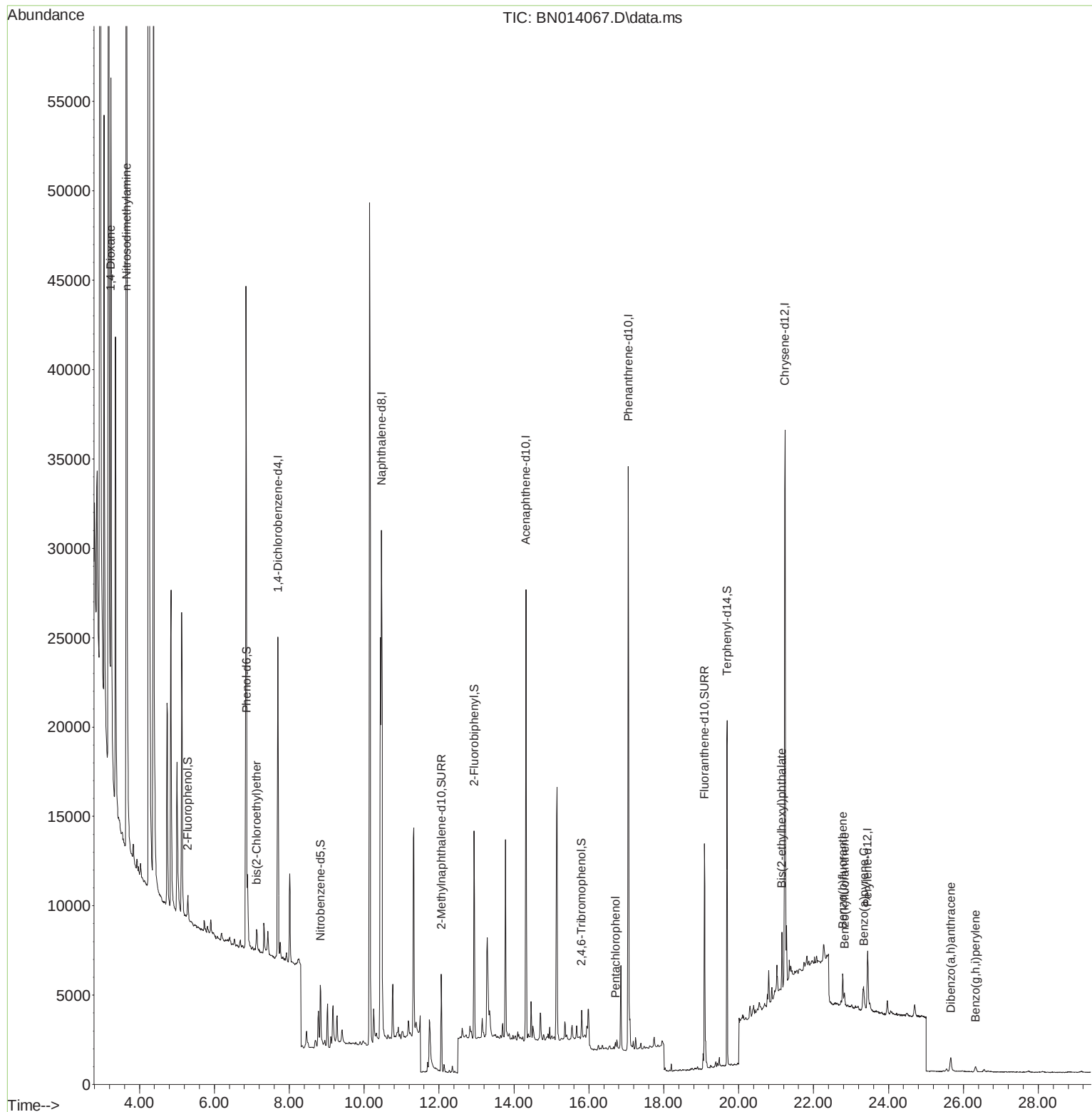
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	8903	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	36439	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	12773	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	43067	0.40	ng	-0.01
29) Chrysene-d12	21.239	240	31165	0.40	ng	# 0.00
36) Perylene-d12	23.441	264	3991	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1065	0.05	ng	0.00
5) Phenol-d6	6.863	99	1204	0.05	ng	0.00
8) Nitrobenzene-d5	8.832	82	3119	0.13	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	6844	0.12	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1089	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	10066	0.21	ng	-0.01
27) Fluoranthene-d10	19.089	212	14063	0.12	ng	0.00
31) Terphenyl-d14	19.690	244	18912	0.28	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	24817	2.12	ng	97
3) n-Nitrosodimethylamine	3.657	42	4109	0.52	ng	# 1
6) bis(2-Chloroethyl)ether	7.128	93	491	0.02	ng	# 78
24) Pentachlorophenol	16.715	266	291	0.05	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.154	149	2819	0.09	ng	99
37) Benzo(b)fluoranthene	22.781	252	1302	0.09	ng	# 1
38) Benzo(k)fluoranthene	22.825	252	663	0.05	ng	# 1
39) Benzo(a)pyrene	23.342	252	498	0.04	ng	# 1
40) Dibenzo(a,h)anthracene	25.663	278	985	0.07	ng	# 1
41) Benzo(g,h,i)perylene	26.323	276	605	0.04	ng	# 39

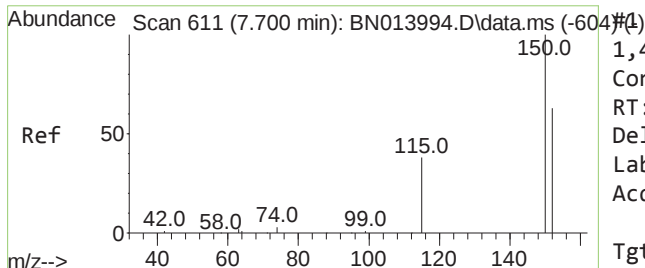
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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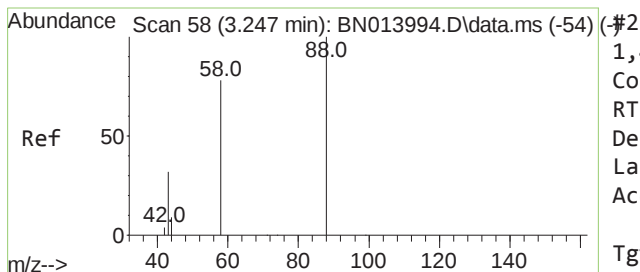
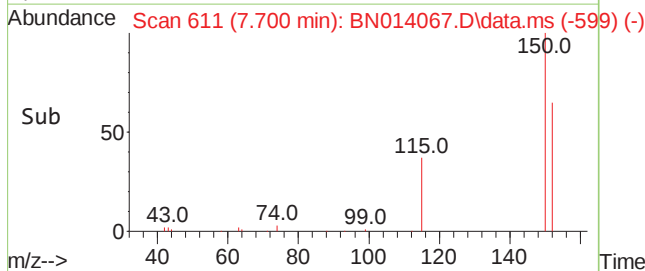
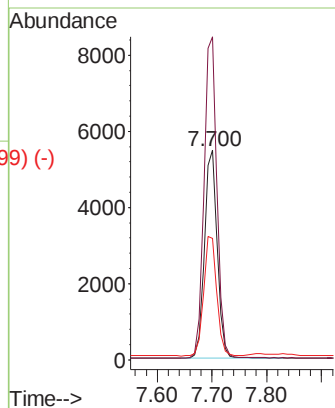
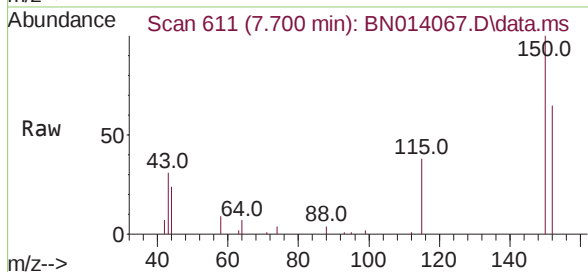




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014067.D
 Acq: 24 Mar 2021 10:28

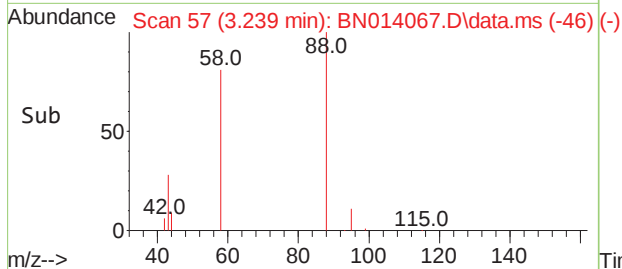
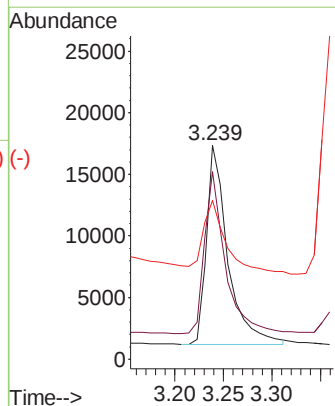
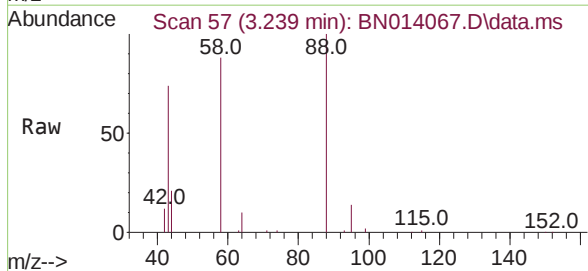
Instrument :
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 RE132D5-20210315DL

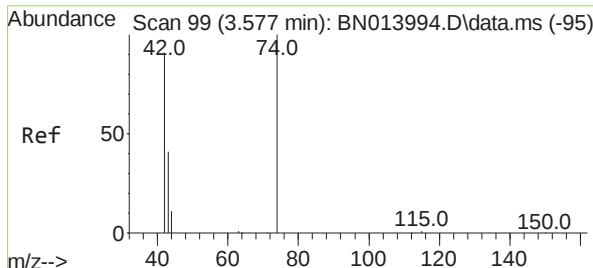
Tgt Ion:	152	Resp:	8903
Ion	Ratio	Lower	Upper
152	100		
150	154.1	121.8	182.8
115	58.0	46.6	69.8



1,4-Dioxane
 Concen: 2.12 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014067.D
 Acq: 24 Mar 2021 10:28

Tgt Ion:	88	Resp:	24817
Ion	Ratio	Lower	Upper
88	100		
58	79.4	64.6	96.8
43	36.4	26.6	40.0

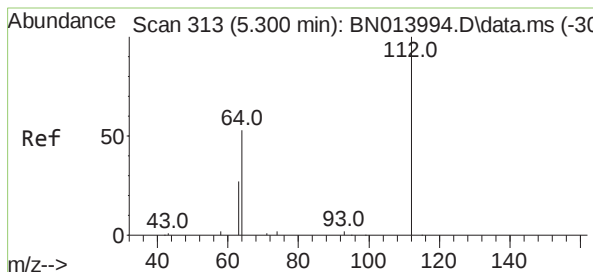
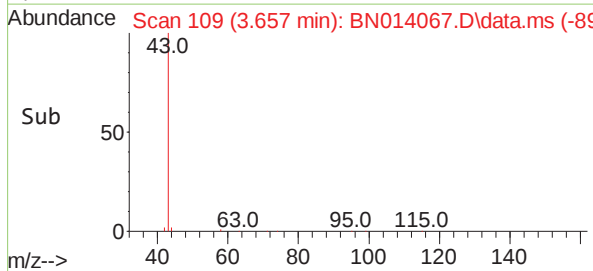
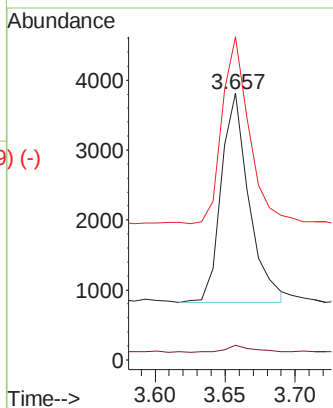
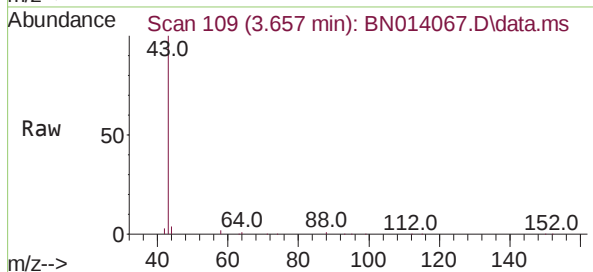




n-Nitrosodimethylamine
 Concen: 0.52 ng
 RT: 3.657 min Scan# 109
 Delta R.T. 0.065 min
 Lab File: BN014067.D
 Acq: 24 Mar 2021 10:28

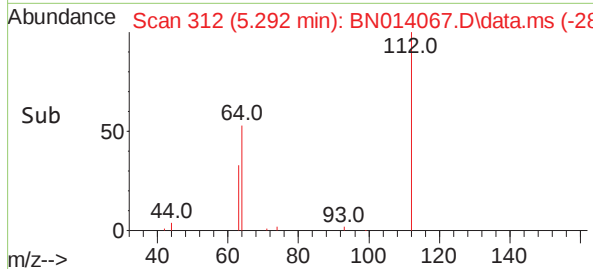
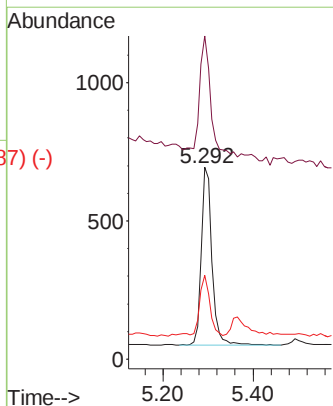
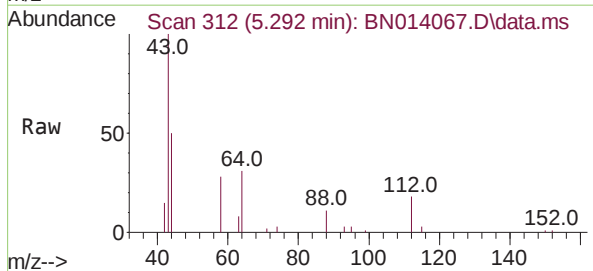
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210315DL

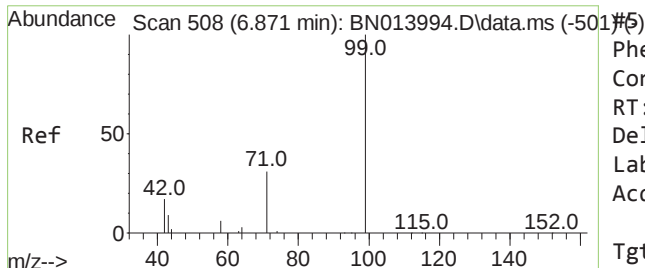
Tgt Ion:	42	Resp:	4109
Ion	Ratio	Lower	Upper
42	100		
74	3.1	95.0	142.6#
44	86.0	5.8	8.8#



2-Fluorophenol
 Concen: 0.05 ng
 RT: 5.292 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: BN014067.D
 Acq: 24 Mar 2021 10:28

Tgt Ion:	112	Resp:	1065
Ion	Ratio	Lower	Upper
112	100		
64	70.5	44.3	66.5#
63	31.1	23.0	34.6

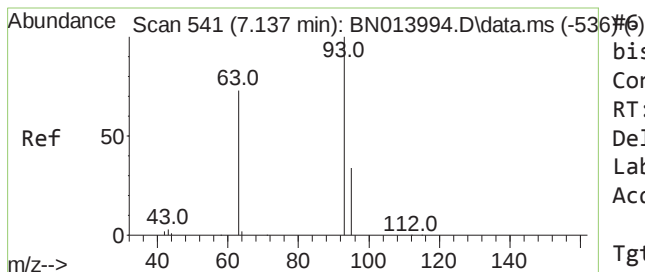
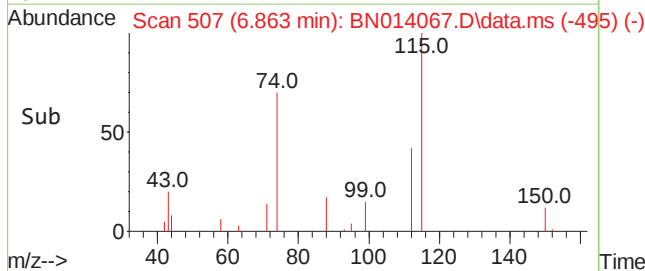
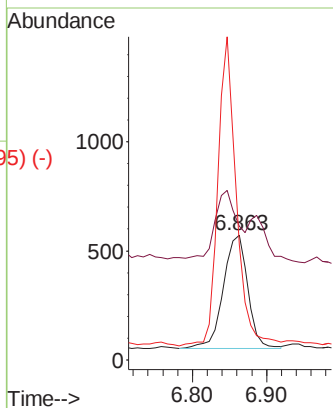
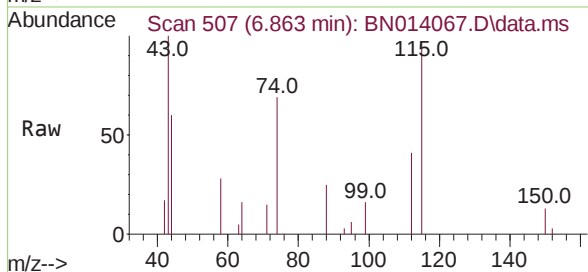




Phenol-d6
 Concen: 0.05 ng
 RT: 6.863 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: BN014067.D
 Acq: 24 Mar 2021 10:28

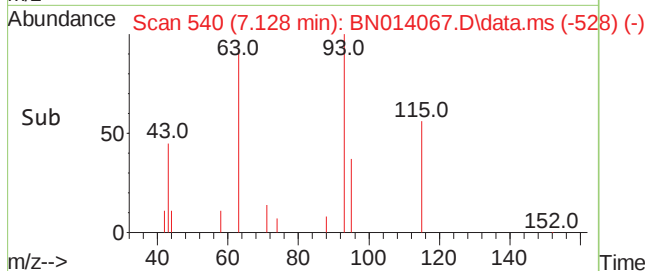
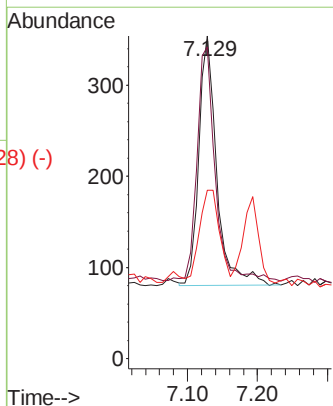
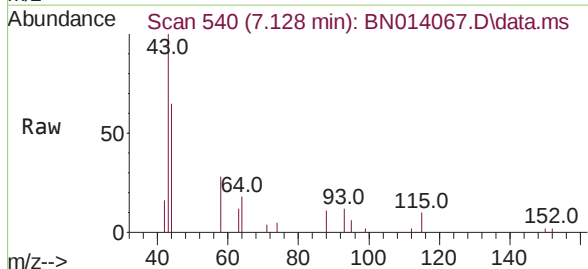
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210315DL

Tgt Ion: 99 Resp: 1204
 Ion Ratio Lower Upper
 99 100
 42 55.7 15.2 22.8#
 71 205.9 26.1 39.1#

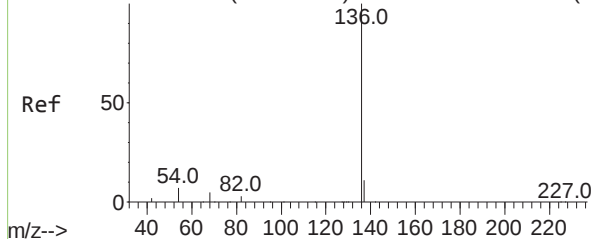


bis(2-Chloroethyl)ether
 Concen: 0.02 ng
 RT: 7.128 min Scan# 540
 Delta R.T. 0.000 min
 Lab File: BN014067.D
 Acq: 24 Mar 2021 10:28

Tgt Ion: 93 Resp: 491
 Ion Ratio Lower Upper
 93 100
 63 96.7 60.8 91.2#
 95 42.0 26.0 39.0#



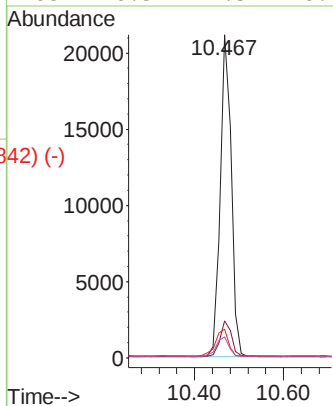
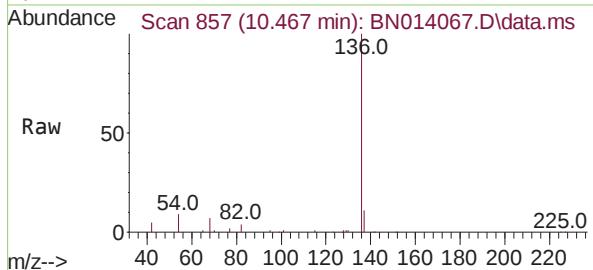
Abundance Scan 858 (10.480 min): BN013994.D\data.ms (-857) (-)



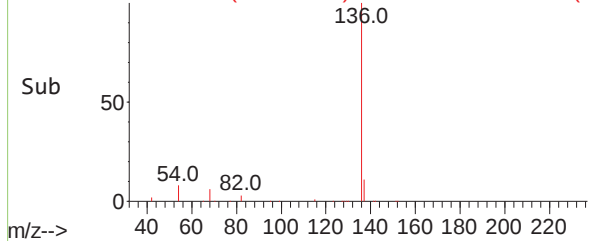
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL

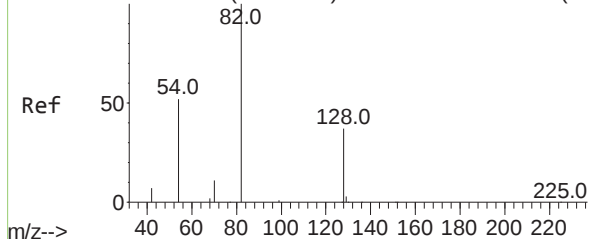
Tgt Ion:	136	Resp:	36439
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	8.9	6.4	9.6
68	6.5	4.5	6.7



Abundance Scan 857 (10.467 min): BN014067.D\data.ms (-842) (-)

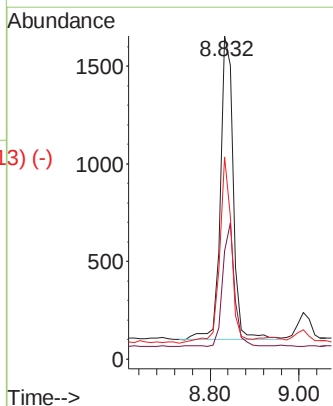
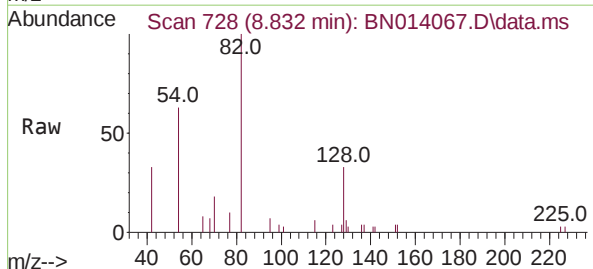


Abundance Scan 729 (8.845 min): BN013994.D\data.ms (-726) (-)

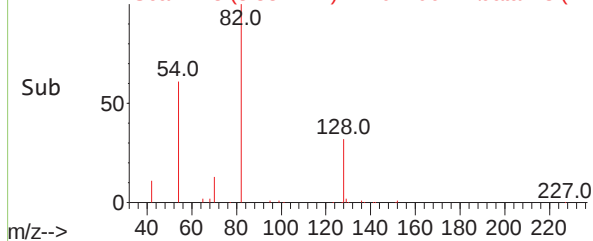


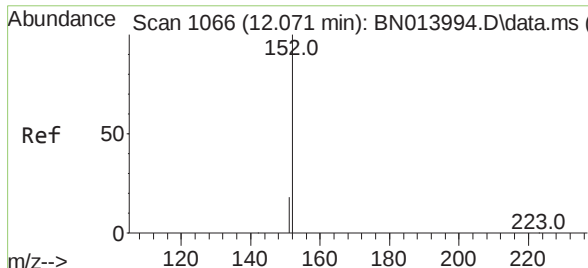
Nitrobenzene-d5
Concen: 0.13 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

Tgt Ion:	82	Resp:	3119
Ion	Ratio	Lower	Upper
82	100		
128	33.5	39.2	58.8#
54	62.6	40.1	60.1#



Abundance Scan 728 (8.832 min): BN014067.D\data.ms (-713) (-)

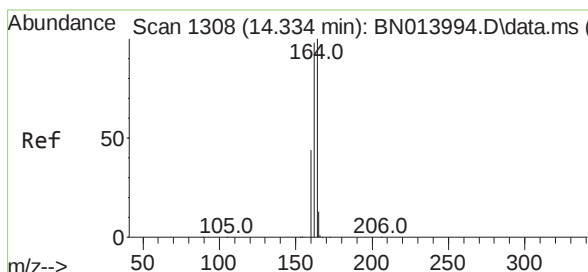
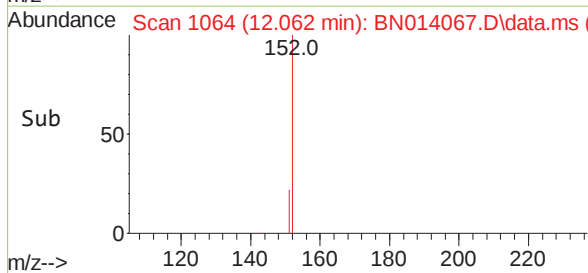
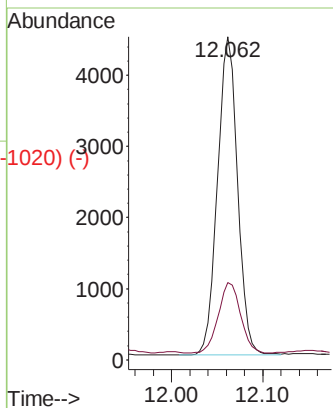
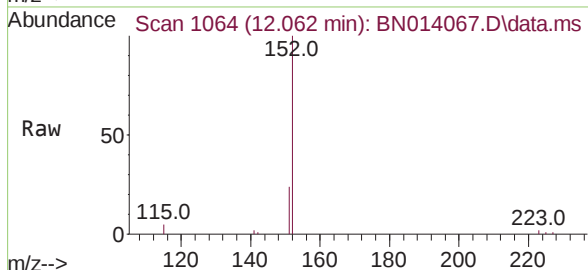




2-Methylnaphthalene-d10
 Concen: 0.12 ng
 RT: 12.062 min Scan# 1064
 Delta R.T. -0.004 min
 Lab File: BN014067.D
 Acq: 24 Mar 2021 10:28

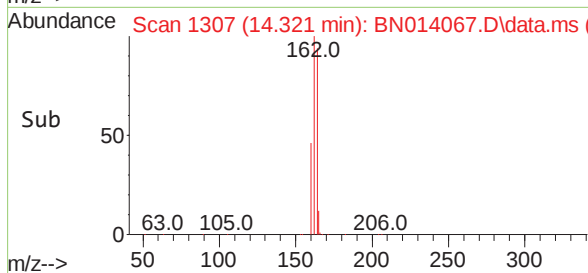
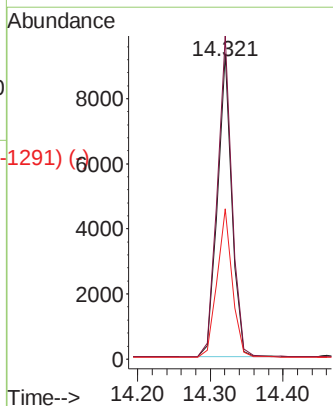
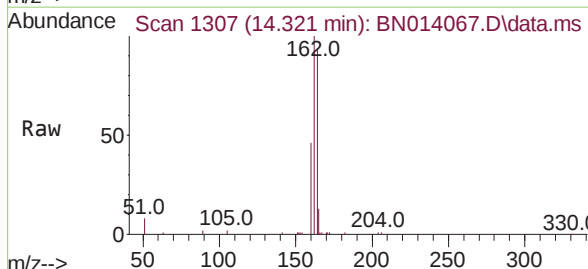
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Tgt Ion:152 Resp: 6844
 Ion Ratio Lower Upper
 152 100
 151 24.5 16.2 24.2#



Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.321 min Scan# 1307
 Delta R.T. 0.000 min
 Lab File: BN014067.D
 Acq: 24 Mar 2021 10:28

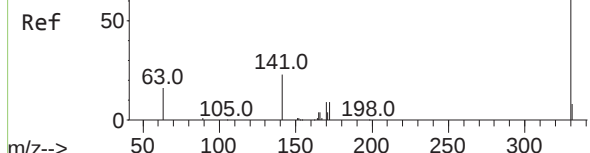
Tgt Ion:164 Resp: 12773
 Ion Ratio Lower Upper
 164 100
 162 105.9 79.6 119.4
 160 49.1 36.0 54.0



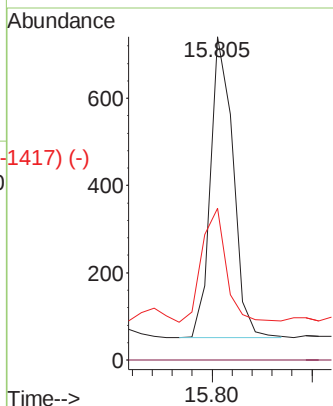
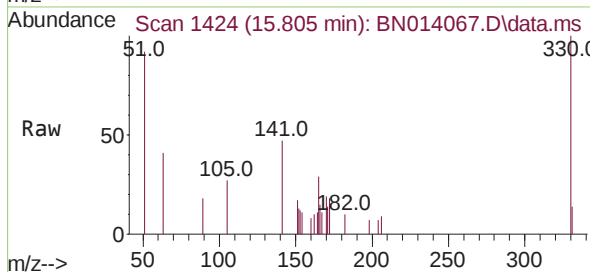
Abundance Scan 1425 (15.818 min): BN013994.D\data.ms (-1419) (-)

2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

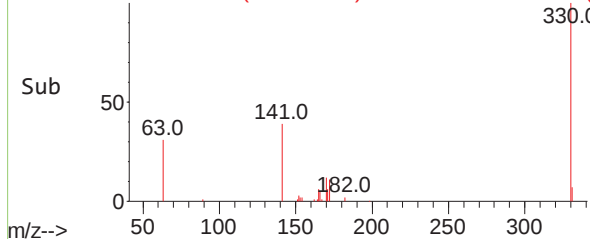
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	330	Resp:	1089
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.3	26.8	40.2#

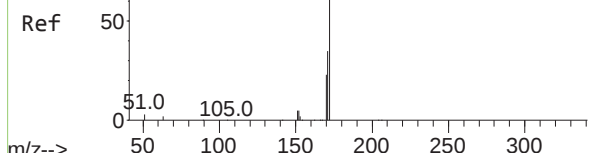


Abundance Scan 1424 (15.805 min): BN014067.D\data.ms (-1417) (-)

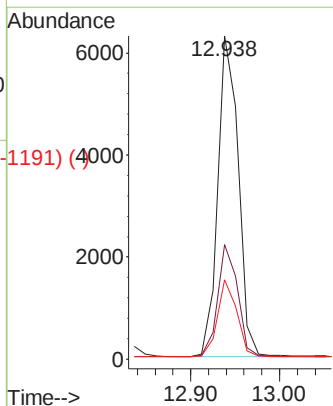
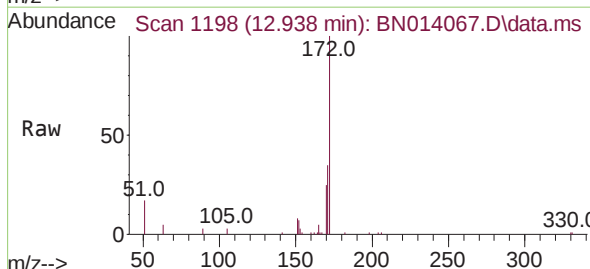


Abundance Scan 1199 (12.951 min): BN013994.D\data.ms (-1195) (-)

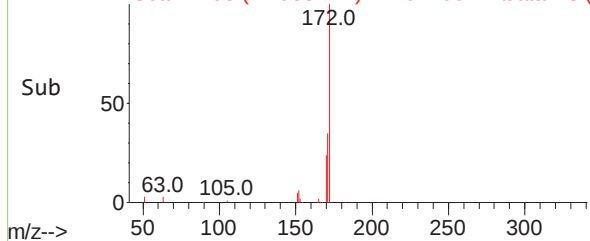
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

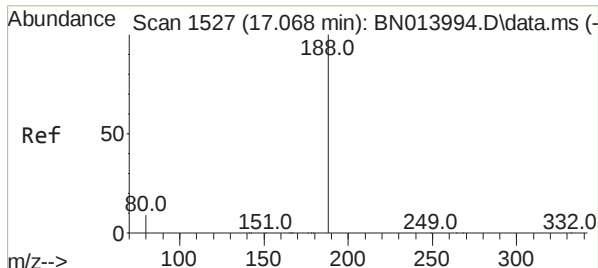


Tgt Ion:	172	Resp:	10066
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	24.6	18.9	28.3



Abundance Scan 1198 (12.938 min): BN014067.D\data.ms (-1191) (-)



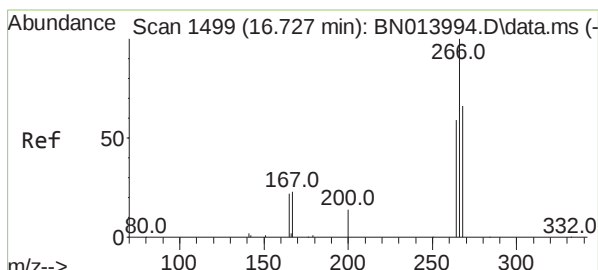
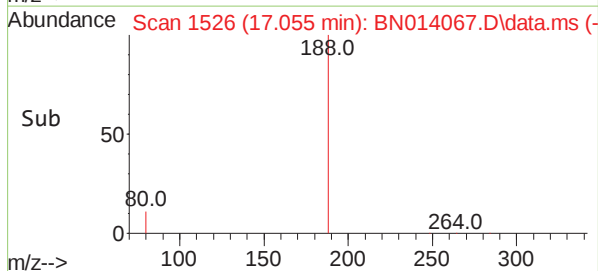
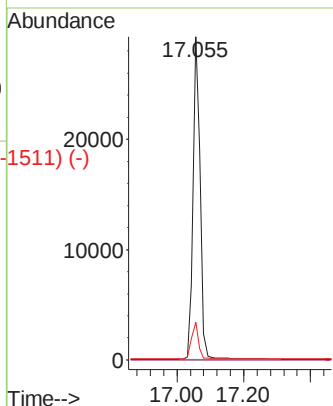
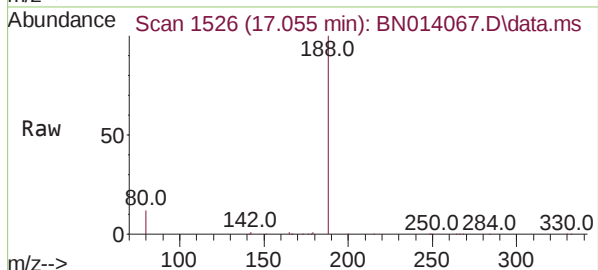


#29 (-)
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

Instrument :
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ClientSampleId :
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Tgt Ion:188 Resp: 43067

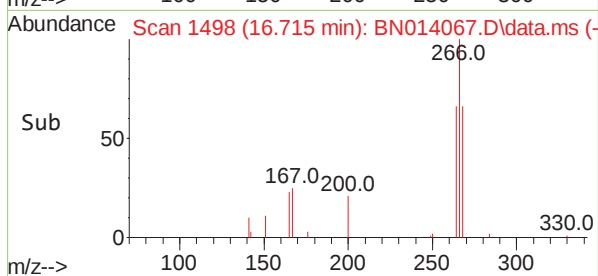
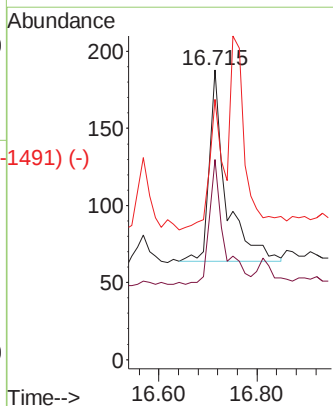
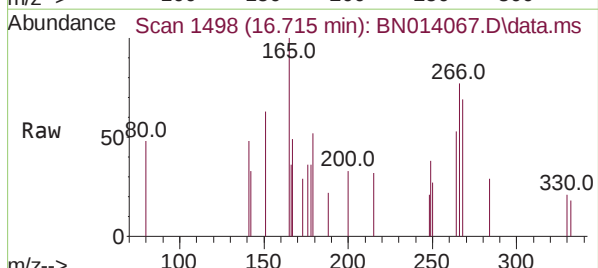
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	9.0	13.6



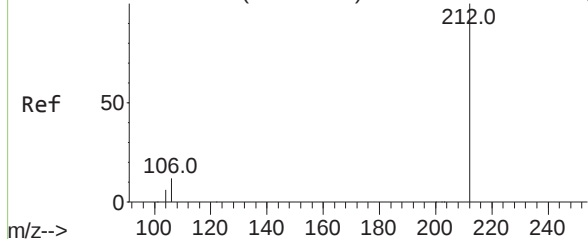
#24 (-)
Pentachlorophenol
Concen: 0.05 ng
RT: 16.715 min Scan# 1498
Delta R.T. -0.012 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

Tgt Ion:266 Resp: 291

Ion	Ratio	Lower	Upper
266	100		
264	57.0	51.6	77.4
268	54.6	54.6	82.0#



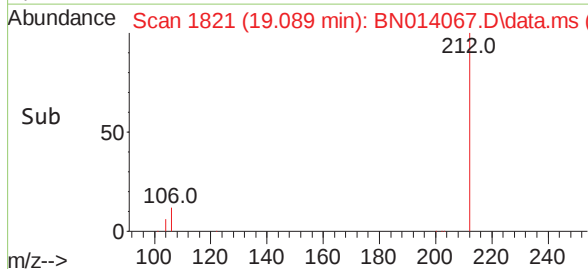
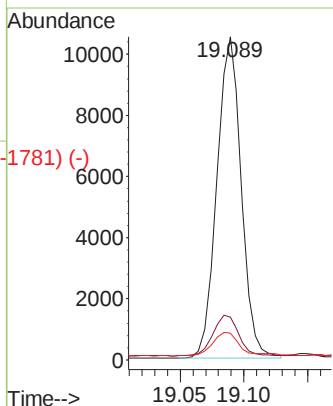
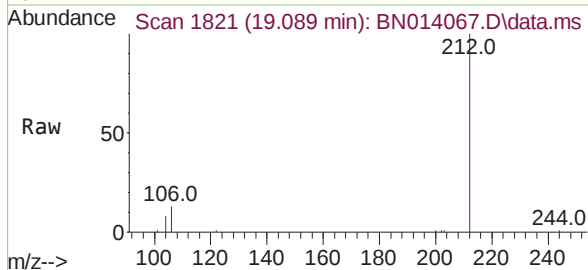
Abundance Scan 1823 (19.099 min): BN013994.D\data.ms (-1#21) (-)



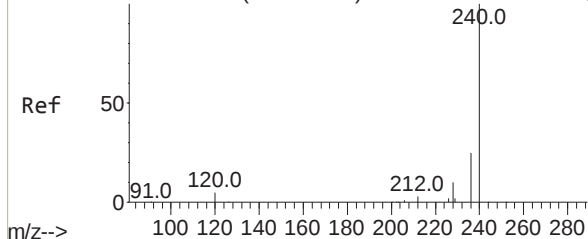
Fluoranthene-d10
Concen: 0.12 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL

Tgt Ion:212 Resp: 14063
Ion Ratio Lower Upper
212 100
106 13.4 9.7 14.5
104 8.5 5.5 8.3#

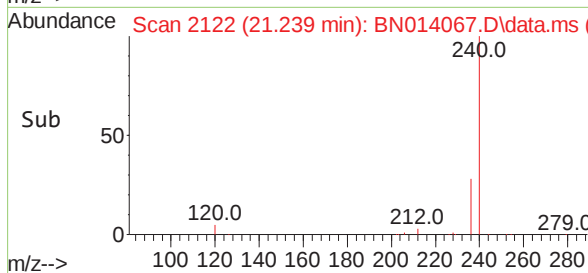
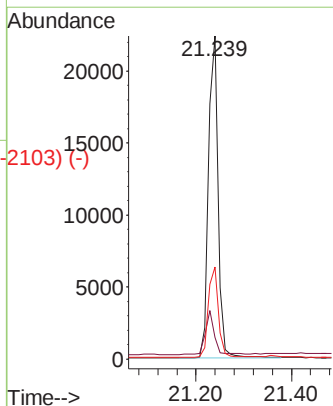
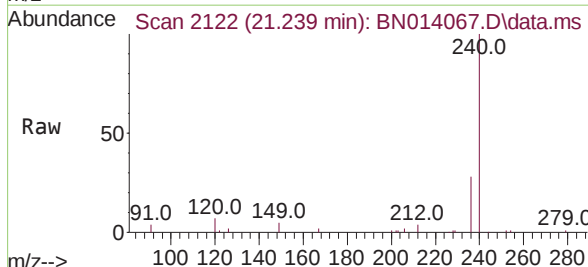


Abundance Scan 2123 (21.250 min): BN013994.D\data.ms (-2#29) (-)

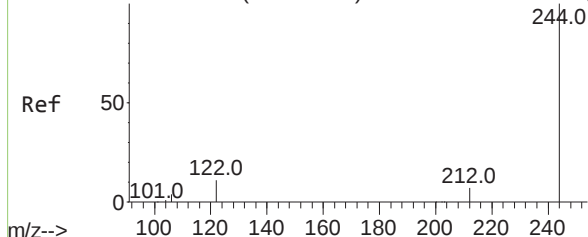


Chrysene-d12
Concen: 0.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

Tgt Ion:240 Resp: 31165
Ion Ratio Lower Upper
240 100
120 6.8 10.2 15.4#
236 28.5 21.3 31.9



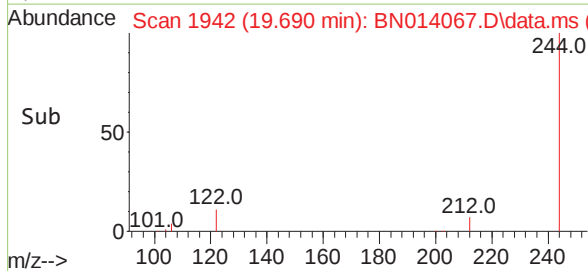
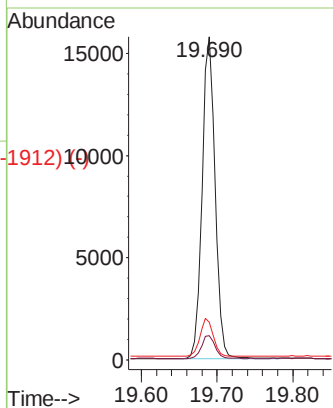
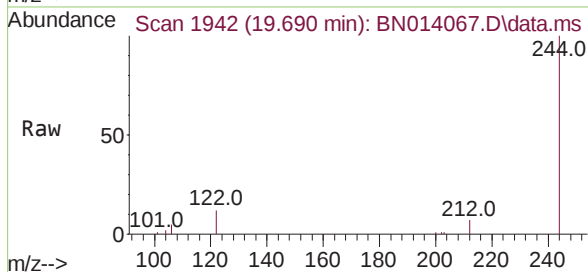
Abundance Scan 1944 (19.700 min): BN013994.D\data.ms (-1930) (-)



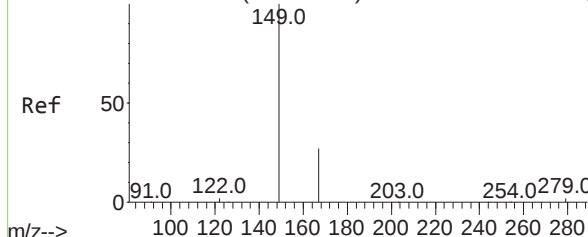
Terphenyl-d14
Concen: 0.28 ng
RT: 19.690 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL

Tgt Ion:244 Resp: 18912
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 11.6 9.8 14.8

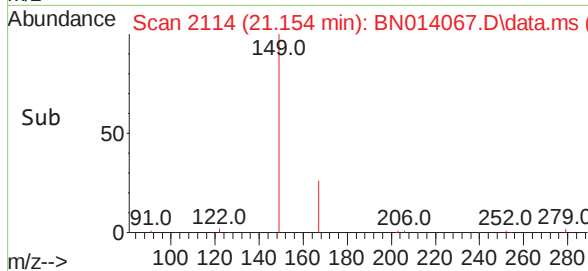
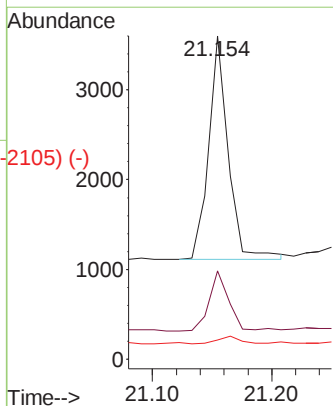
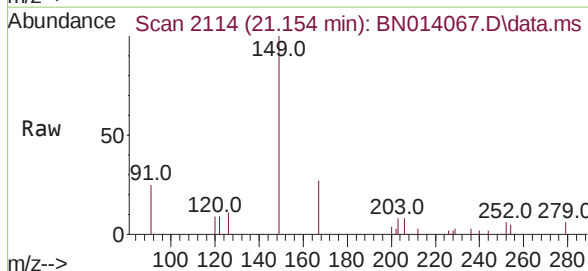


Abundance Scan 2115 (21.165 min): BN013994.D\data.ms (-2120) (-)



Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

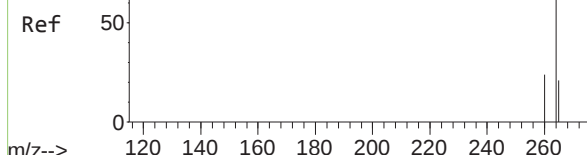
Tgt Ion:149 Resp: 2819
Ion Ratio Lower Upper
149 100
167 26.8 22.1 33.1
279 4.5 3.5 5.3



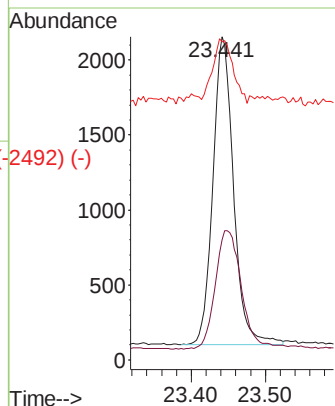
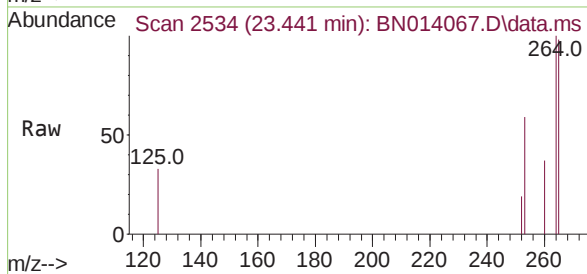
Abundance Scan 2539 (23.458 min): BN013994.D\data.ms (-2539) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.441 min Scan# 2534
Delta R.T. -0.006 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

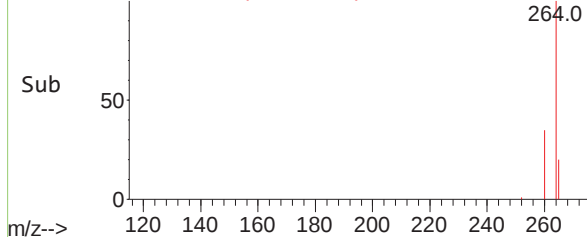
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL



Tgt Ion:	264	Resp:	3991
Ion	Ratio	Lower	Upper
264	100		
260	37.1	19.3	28.9#
265	98.5	66.2	99.4



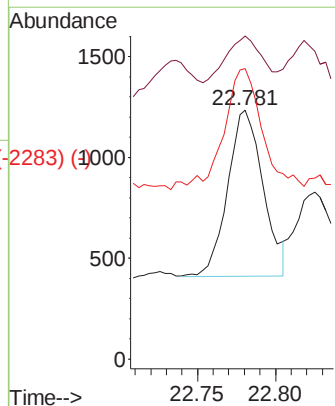
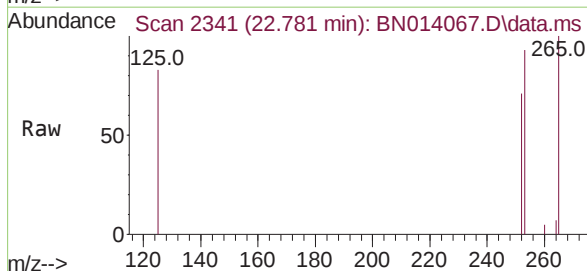
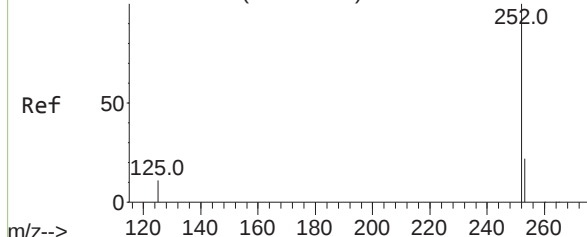
Abundance Scan 2534 (23.441 min): BN014067.D\data.ms (-2492) (-)



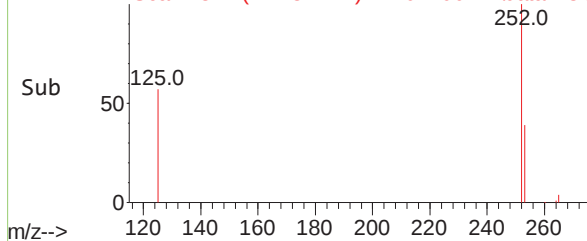
Abundance Scan 2345 (22.794 min): BN013994.D\data.ms (-2345) (-)

Benzo(b)fluoranthene
Concen: 0.09 ng
RT: 22.781 min Scan# 2341
Delta R.T. -0.003 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

Tgt Ion:	252	Resp:	1302
Ion	Ratio	Lower	Upper
252	100		
253	129.7	20.4	30.6#
125	116.5	11.6	17.4#



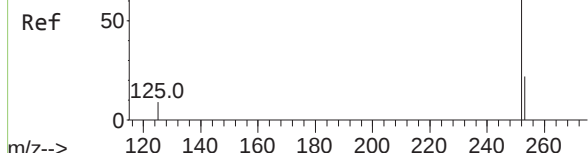
Abundance Scan 2341 (22.781 min): BN014067.D\data.ms (-2283) (-)



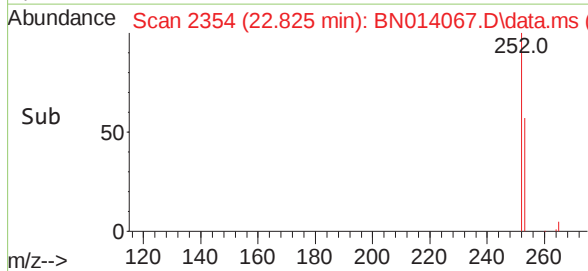
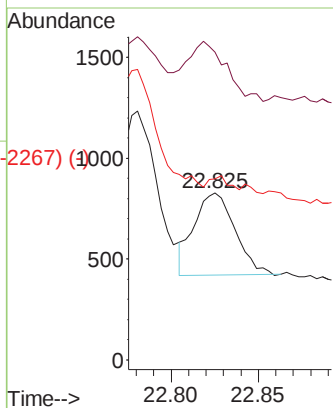
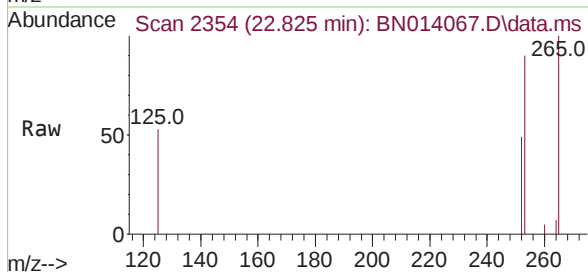
Abundance Scan 2358 (22.839 min): BN013994.D\data.ms (-2358) (-)

Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 22.825 min Scan# 2354
Delta R.T. -0.003 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL



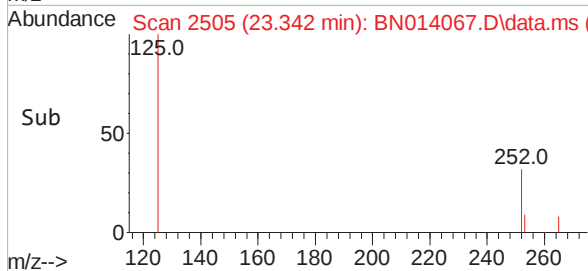
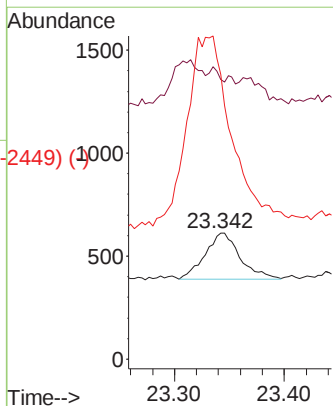
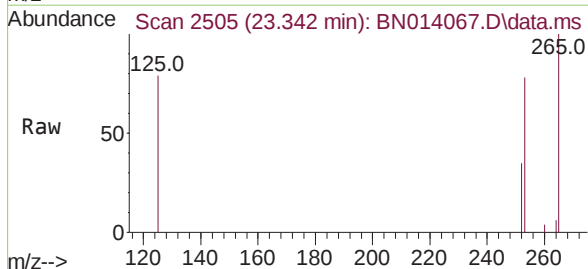
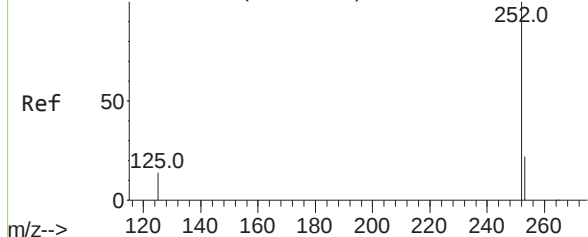
Tgt Ion:	252	Resp:	663
Ion	Ratio	Lower	Upper
252	100		
253	184.6	20.5	30.7#
125	108.7	12.3	18.5#



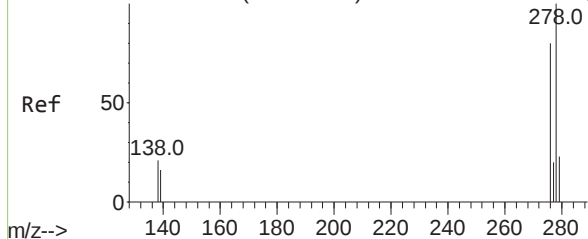
Abundance Scan 2511 (23.363 min): BN013994.D\data.ms (-2511) (-)

Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.342 min Scan# 2505
Delta R.T. -0.010 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

Tgt Ion:	252	Resp:	498
Ion	Ratio	Lower	Upper
252	100		
253	221.5	21.8	32.6#
125	225.8	14.6	21.8#

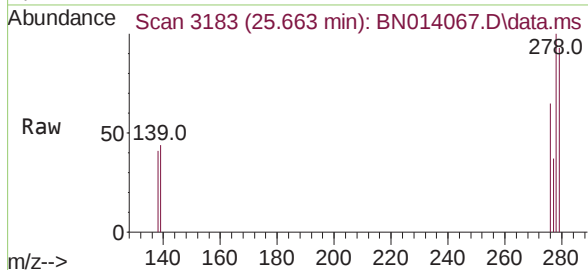


Abundance Scan 3190 (25.687 min): BN013994.D\data.ms (-3179) (-)

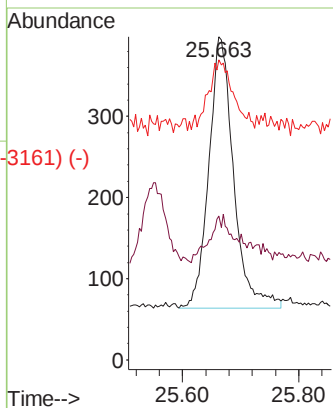
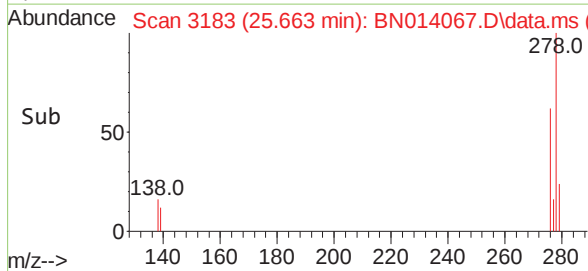


Dibenzo(a,h)anthracene
Concen: 0.07 ng
RT: 25.663 min Scan# 3183
Delta R.T. -0.006 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28

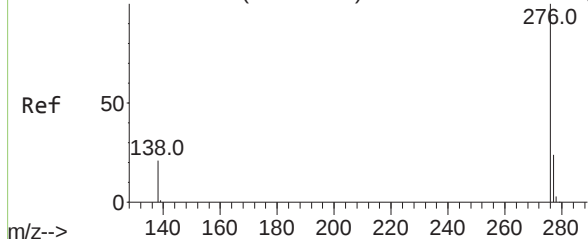
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL



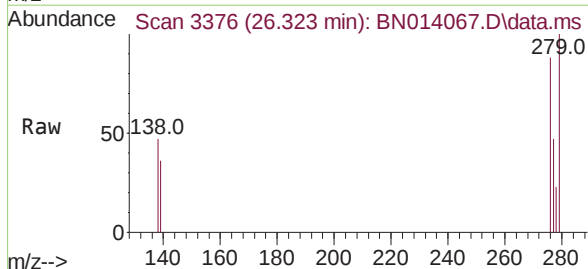
Tgt Ion:	278	Resp:	985
Ion	Ratio	Lower	Upper
278	100		
139	44.5	13.1	19.7#
279	93.0	21.4	32.0#



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



Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 26.323 min Scan# 3376
Delta R.T. -0.006 min
Lab File: BN014067.D
Acq: 24 Mar 2021 10:28



Tgt Ion:	276	Resp:	605
Ion	Ratio	Lower	Upper
276	100		
277	53.7	20.0	30.0#
138	53.3	17.8	26.8#

