

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
 Data File : BN013082.D
 Acq On : 12 Dec 2020 08:56
 Operator : CG/JU
 Sample : L4996-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20201208

Quant Time: Dec 14 03:06:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 01:53:51 2020
 Response via : Initial Calibration

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

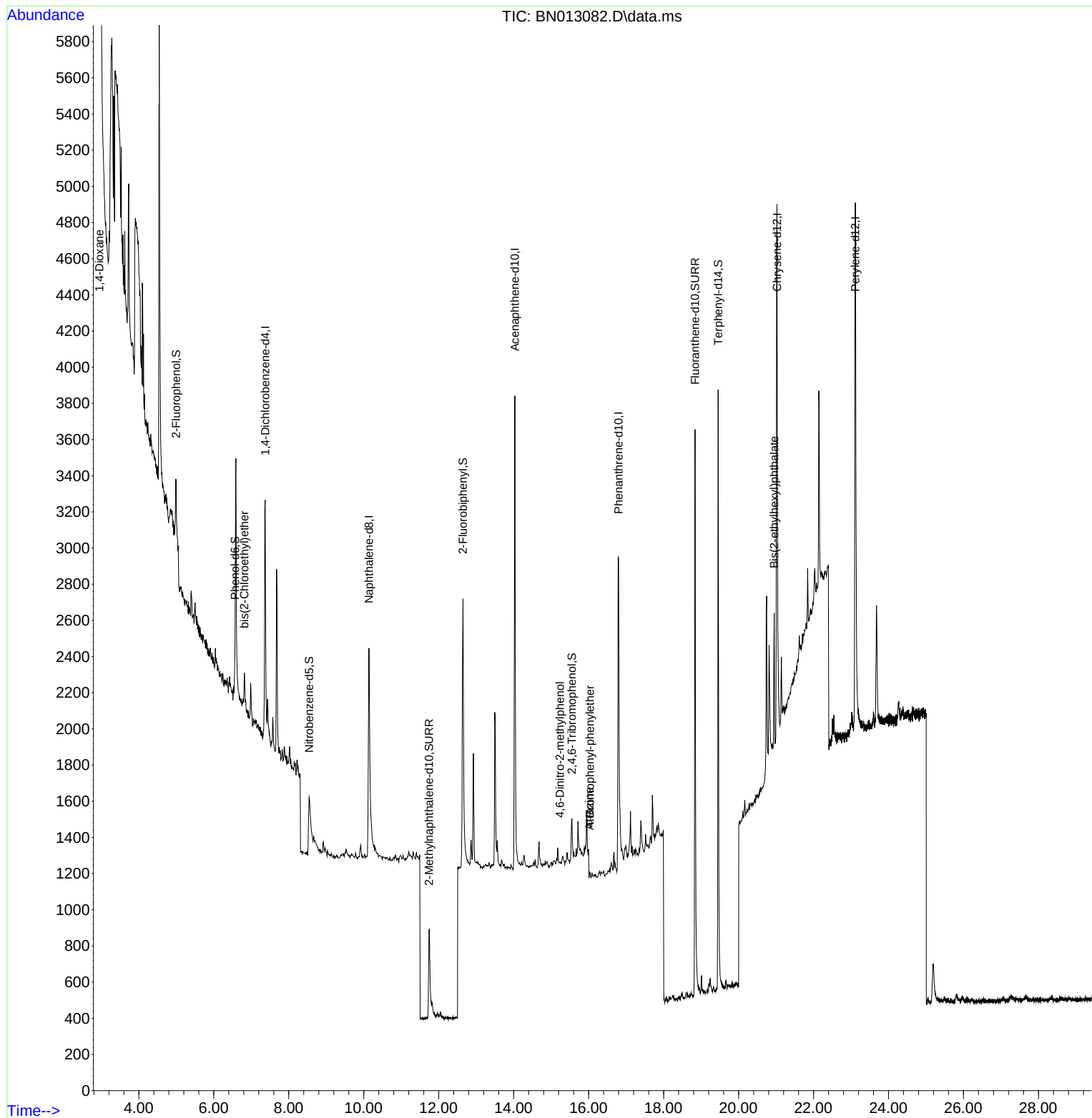
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.370	152	772	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	2651	0.40	ng	# 0.00
13) Acenaphthene-d10	14.029	164	1627	0.40	ng	0.00
19) Phenanthrene-d10	16.799	188	3632	0.40	ng	# 0.00
29) Chrysene-d12	21.024	240	4095	0.40	ng	# 0.01
36) Perylene-d12	23.113	264	4570	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.994	112	305	0.11	ng	0.00
5) Phenol-d6	6.565	99	188	0.06	ng	0.00
8) Nitrobenzene-d5	8.541	82	659	0.23	ng	0.01
11) 2-Methylnaphthalene-d10	11.742	152	1253	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.552	330	244	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.646	172	1922	0.27	ng	0.00
27) Fluoranthene-d10	18.838	212	4510	0.37	ng	0.00
31) Terphenyl-d14	19.454	244	3995	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.949	88	3705	2.61	ng	98
6) bis(2-Chloroethyl)ether	6.814	93	173	0.08	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.234	198	2	0.10	ng	# 1
21) 4-Bromophenyl-phenylether	16.033	248	66	0.08	ng	# 68
23) Atrazine	16.020	200	140	0.06	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.950	149	674	0.07	ng	96

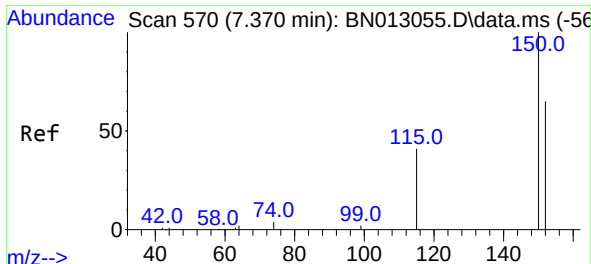
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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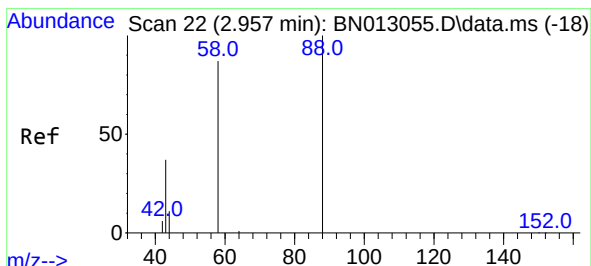
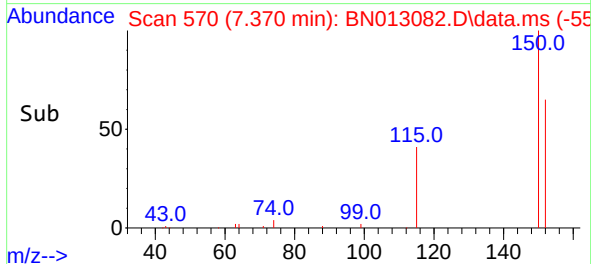
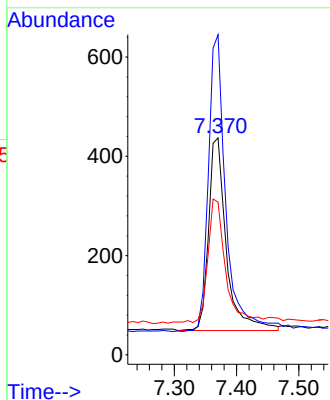
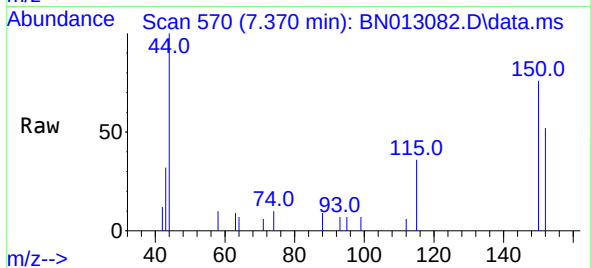


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.370 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: BN013082.D
 Acq: 12 Dec 2020 08:56

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20201208

Tgt Ion: 152 Resp: 772

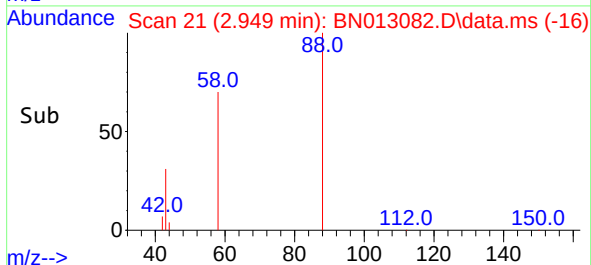
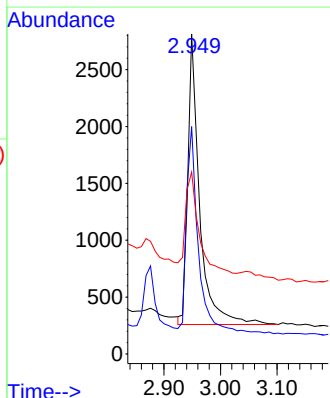
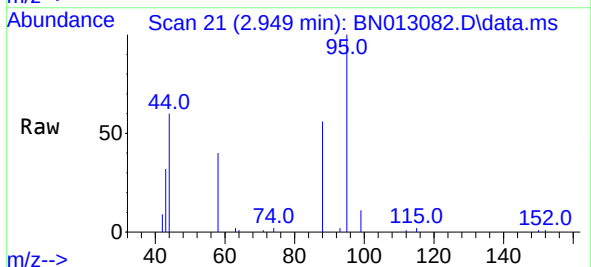
Ion	Ratio	Lower	Upper
152	100		
150	147.6	116.6	174.8
115	70.5	52.9	79.3

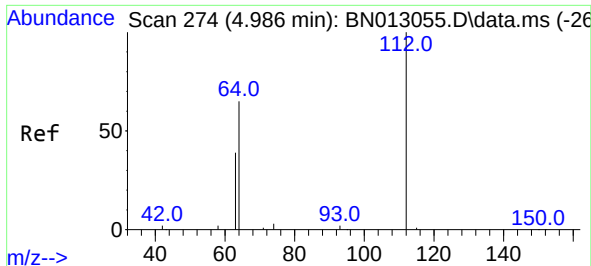


#2
 1,4-Dioxane
 Concen: 2.61 ng
 RT: 2.949 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN013082.D
 Acq: 12 Dec 2020 08:56

Tgt Ion: 88 Resp: 3705

Ion	Ratio	Lower	Upper
88	100		
58	73.6	59.4	89.2
43	38.3	32.3	48.5



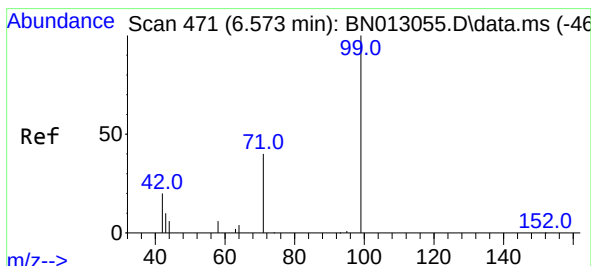
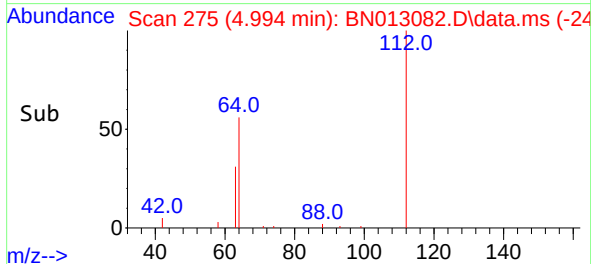
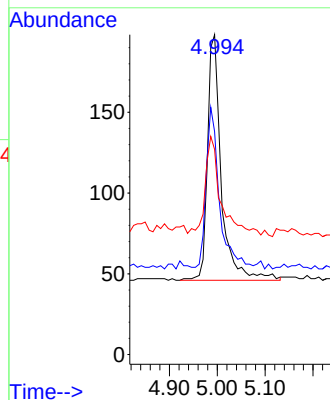
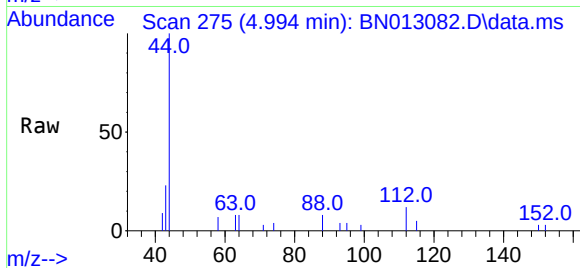


#4
2-Fluorophenol
Concen: 0.11 ng
RT: 4.994 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

Instrument :
BNA_N
ClientSampleId :
RE108D2-20201208

Tgt Ion:112 Resp: 305

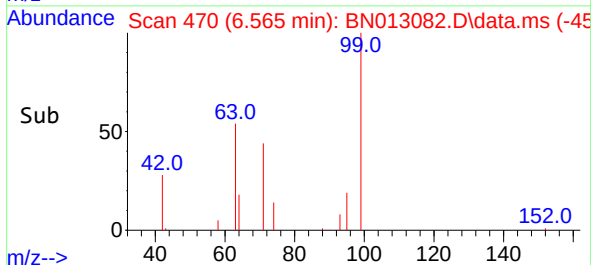
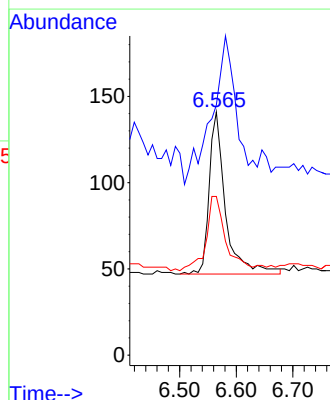
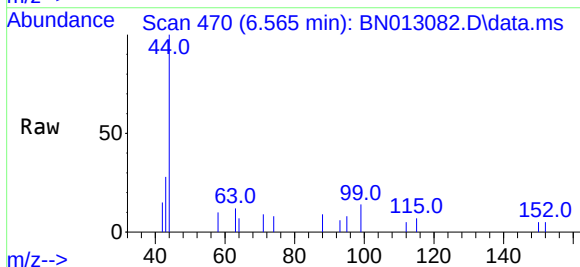
Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.5	74.3
63	48.5	32.0	48.0

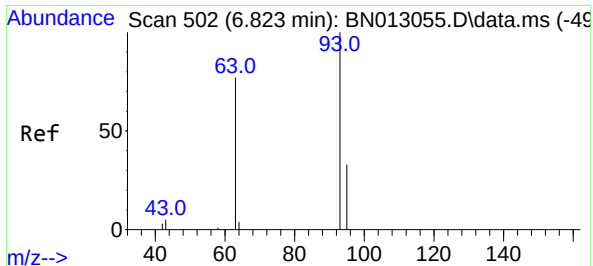


#5
Phenol-d6
Concen: 0.06 ng
RT: 6.565 min Scan# 470
Delta R.T. -0.008 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

Tgt Ion: 99 Resp: 188

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6
71	54.3	37.8	56.6

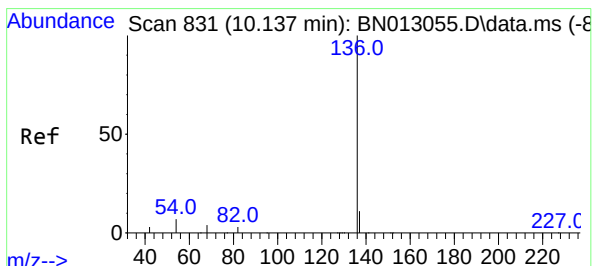
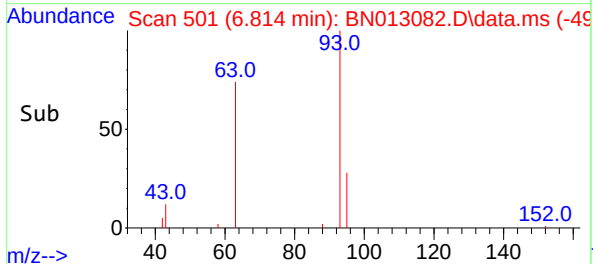
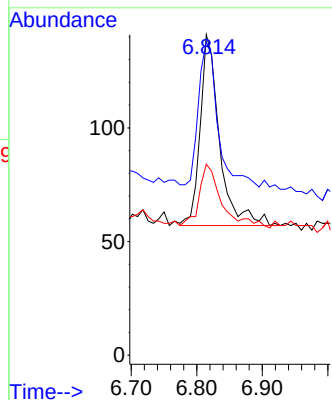
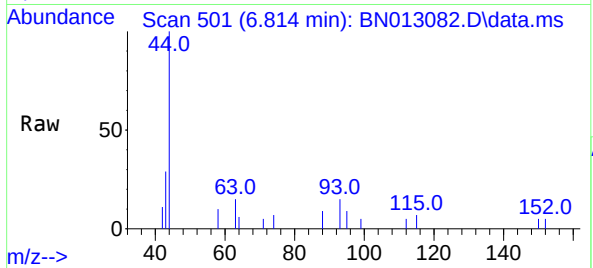




#6
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 6.814 min Scan# 501
Delta R.T. -0.008 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

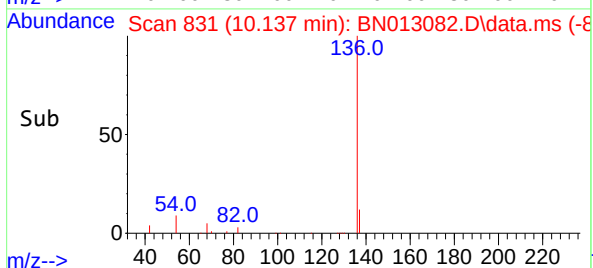
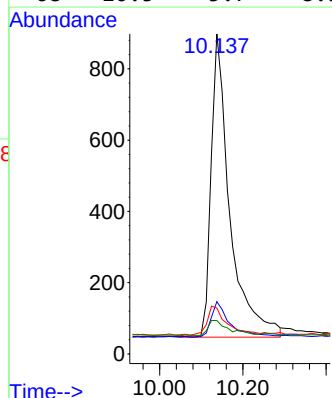
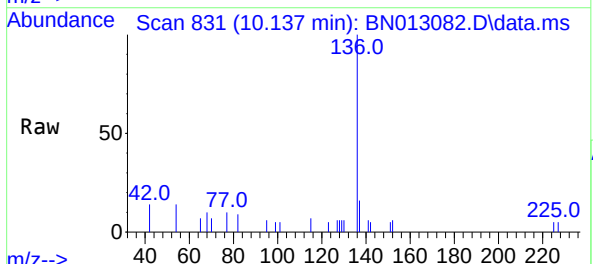
Instrument :
BNA_N
ClientSampleId :
RE108D2-20201208

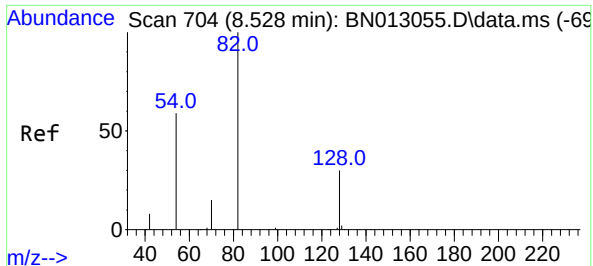
Tgt Ion:	93	Resp:	173
Ion	Ratio	Lower	Upper
93	100		
63	75.1	63.1	94.7
95	39.3	26.1	39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. -0.000 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

Tgt Ion:	136	Resp:	2651
Ion	Ratio	Lower	Upper
136	100		
137	16.4	10.6	15.8#
54	14.4	8.6	12.8#
68	10.5	5.7	8.5#

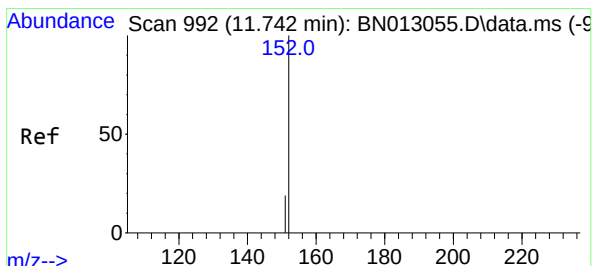
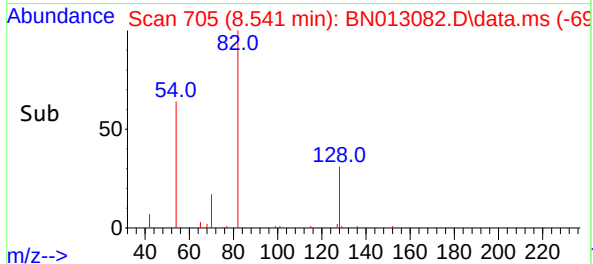
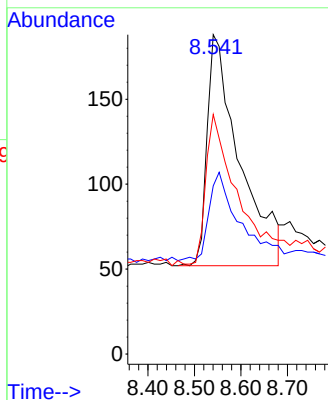
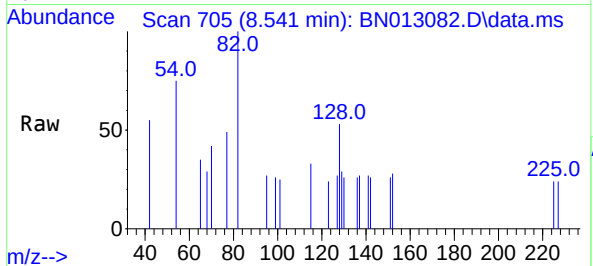




#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.013 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

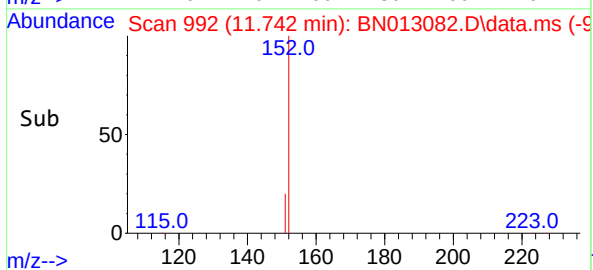
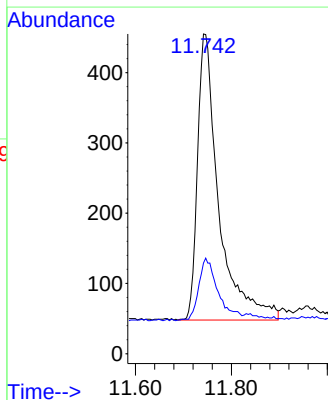
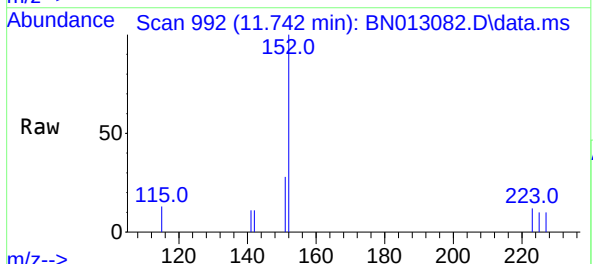
Instrument :
BNA_N
ClientSampleId :
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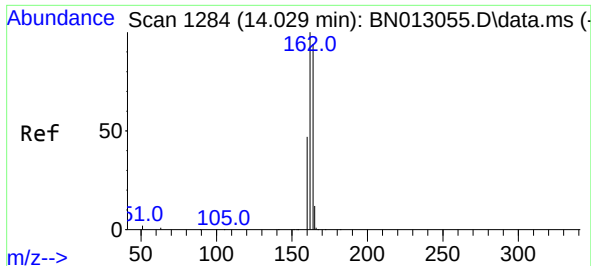
Tgt Ion: 82 Resp: 659
Ion Ratio Lower Upper
82 100
128 52.7 30.6 46.0#
54 75.0 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.742 min Scan# 992
Delta R.T. -0.000 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

Tgt Ion:152 Resp: 1253
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1

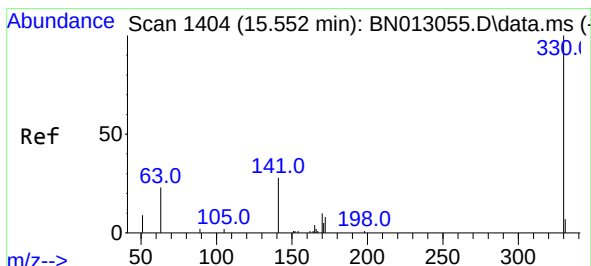
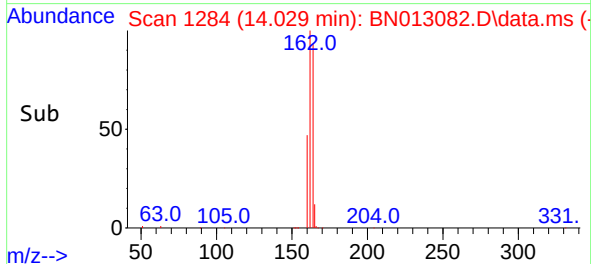
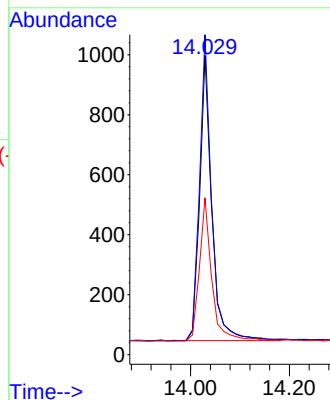
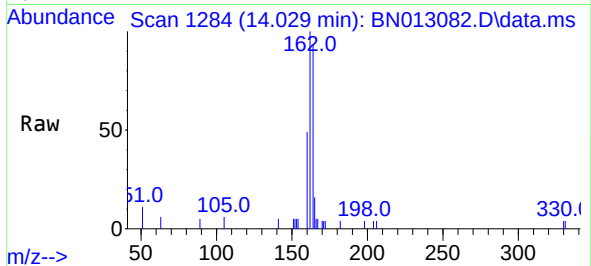




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

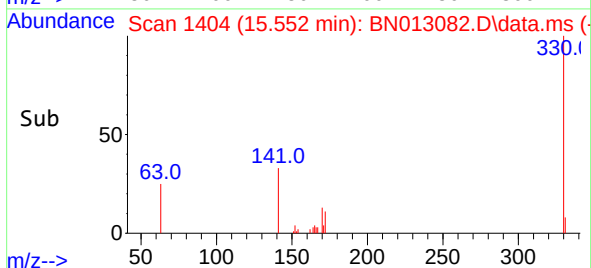
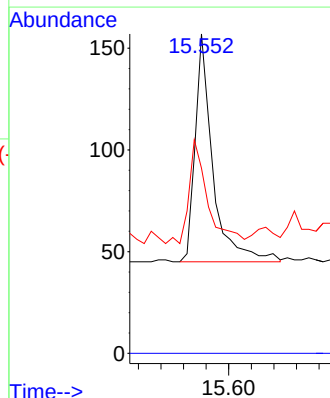
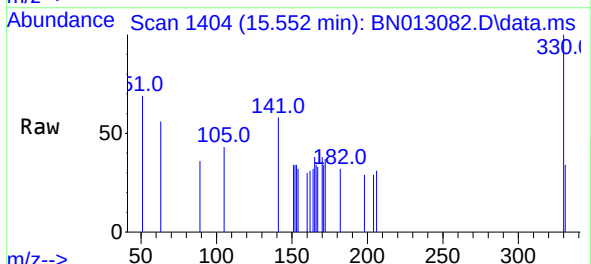
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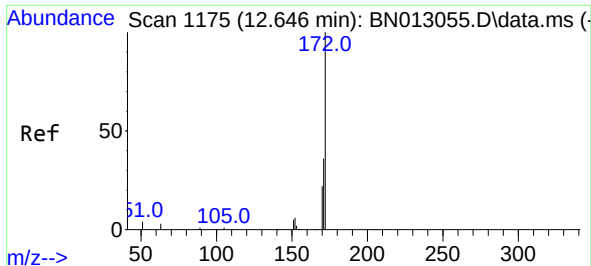
Tgt Ion:	164	Resp:	1627
Ion	Ratio	Lower	Upper
164	100		
162	107.0	80.6	120.8
160	52.5	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.552 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

Tgt Ion:	330	Resp:	244
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.5	34.4	51.6

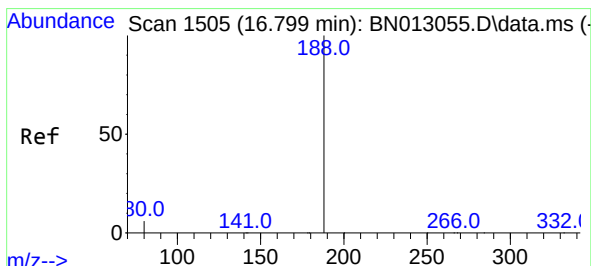
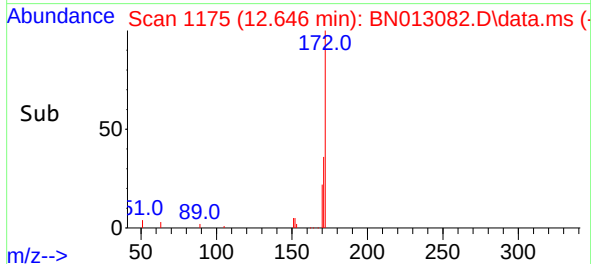
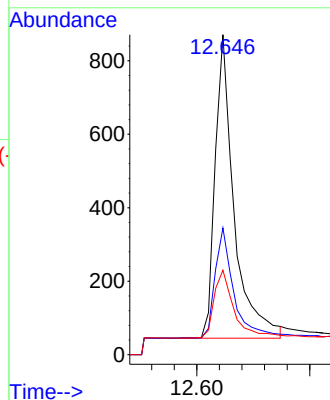
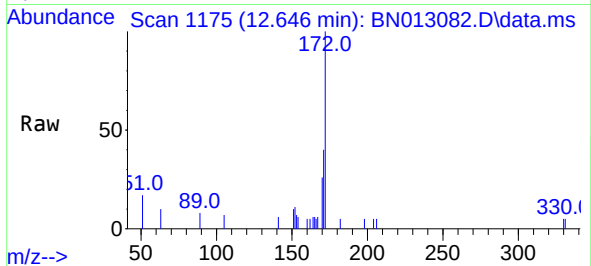




#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.646 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

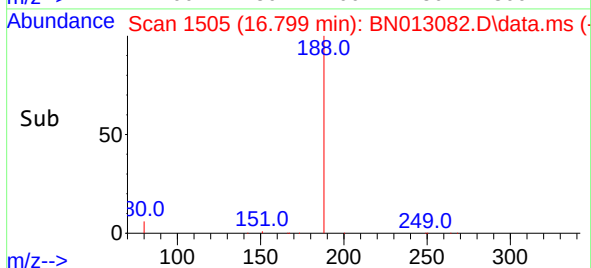
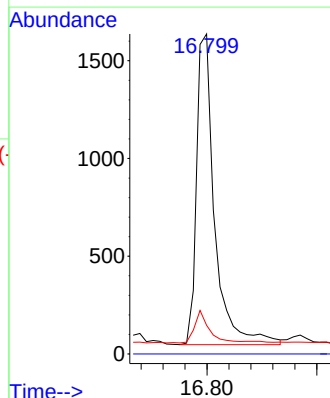
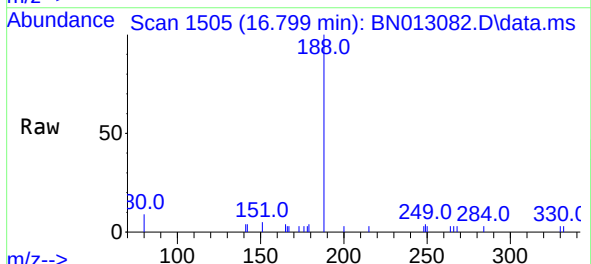
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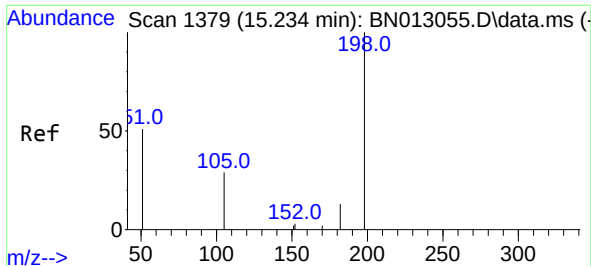
Tgt Ion:	172	Resp:	1922
Ion	Ratio	Lower	Upper
172	100		
171	39.6	28.2	42.4
170	26.4	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.799 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

Tgt Ion:	188	Resp:	3632
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	5.0	7.4#

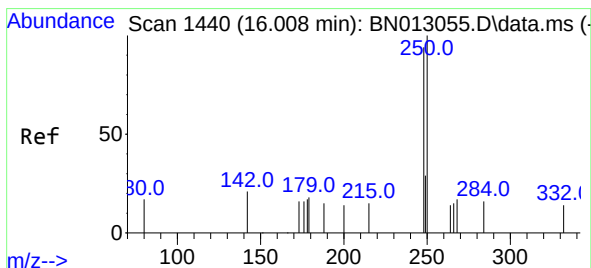
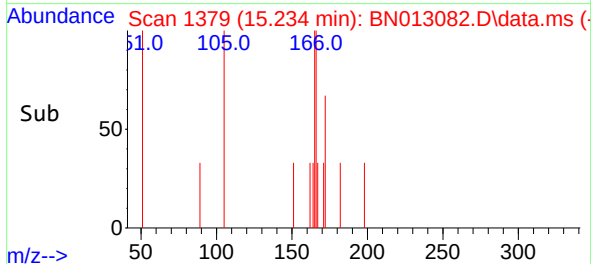
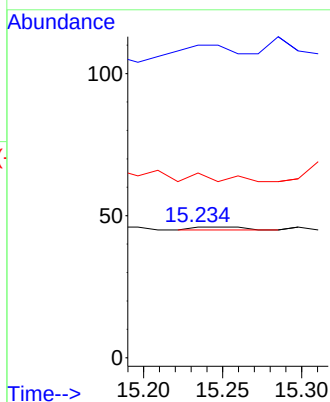
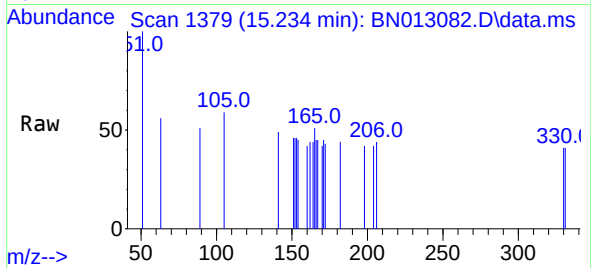




#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.234 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

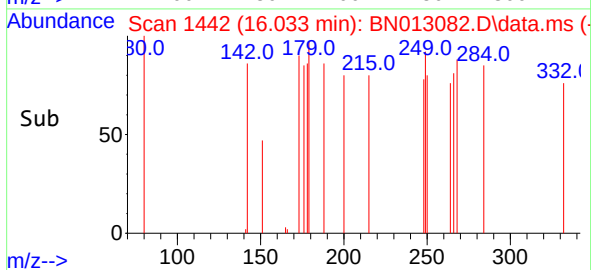
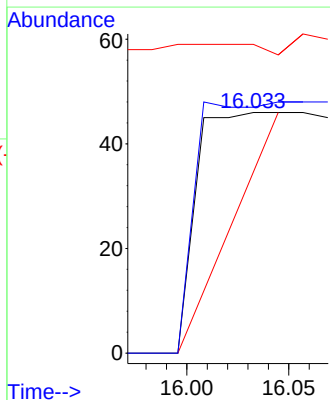
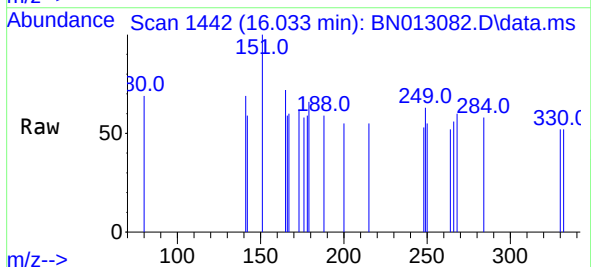
Instrument :
BNA_N
ClientSampleId :
RE108D2-20201208

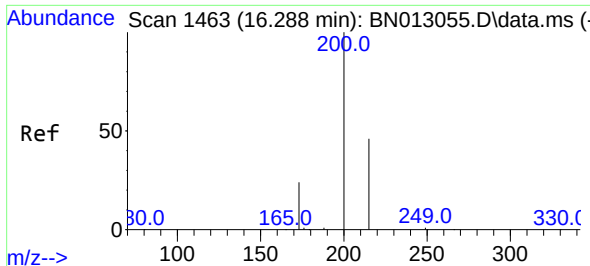
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 239.1 43.5 65.3#
105 141.3 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.08 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.024 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

Tgt Ion:248 Resp: 66
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 128.3 57.8 86.8#

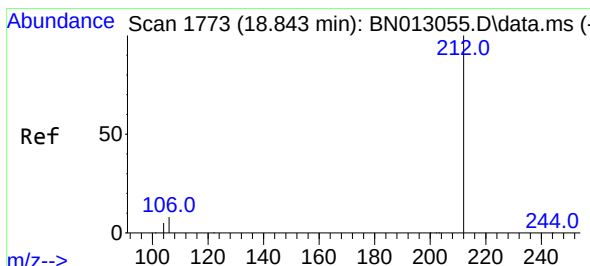
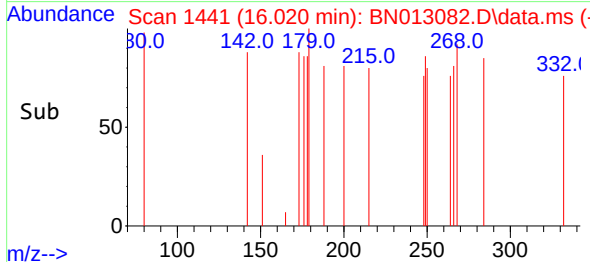
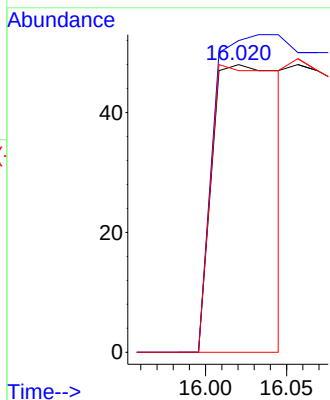
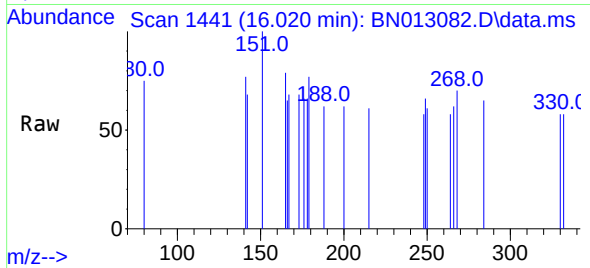




#23
Atrazine
Concen: 0.06 ng
RT: 16.020 min Scan# 1441
Delta R.T. -0.268 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

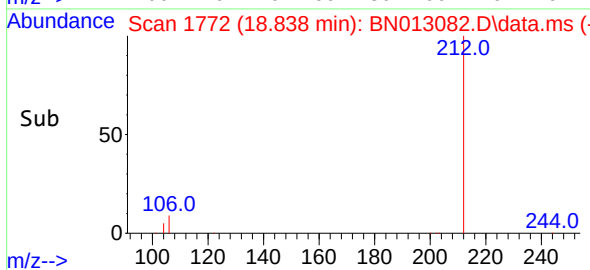
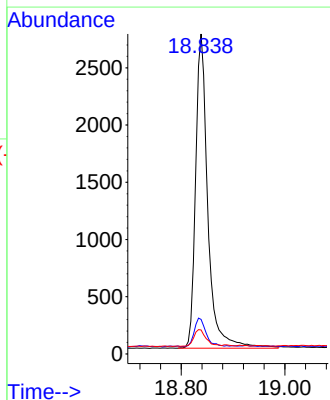
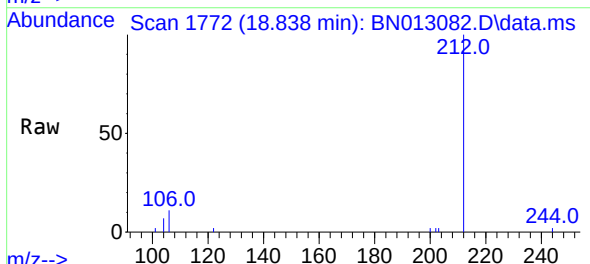
Instrument :
BNA_N
ClientSampleId :
RE108D2-20201208

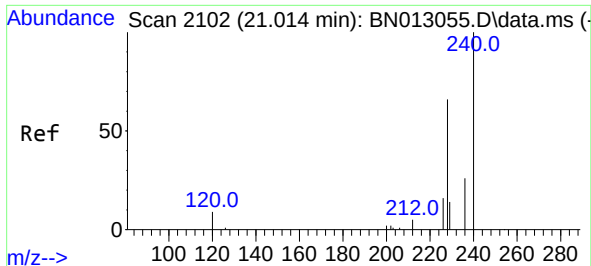
Tgt Ion:200 Resp: 140
Ion Ratio Lower Upper
200 100
173 108.3 22.8 34.2#
215 97.9 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 18.838 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

Tgt Ion:212 Resp: 4510
Ion Ratio Lower Upper
212 100
106 9.0 6.8 10.2
104 5.5 4.1 6.1

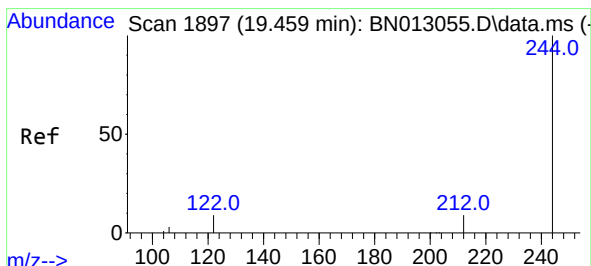
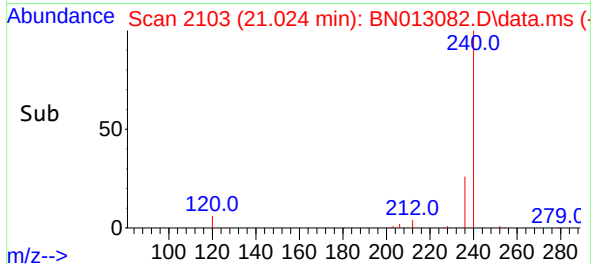
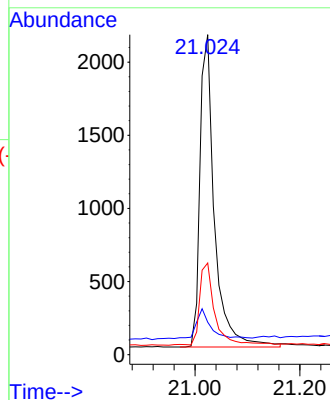
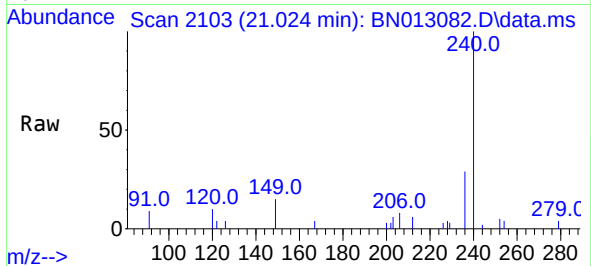




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.024 min Scan# 2103
Delta R.T. 0.011 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

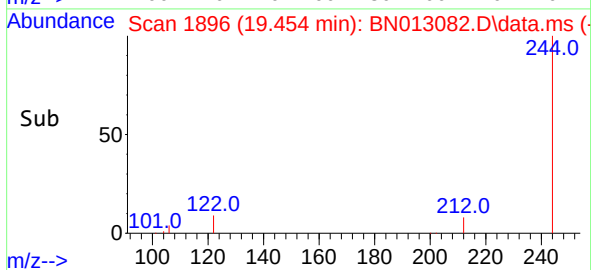
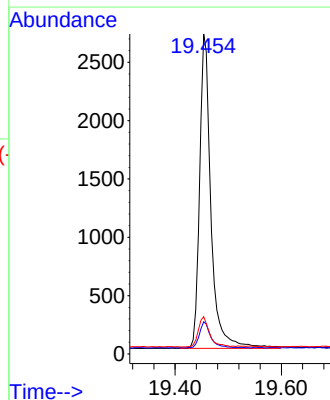
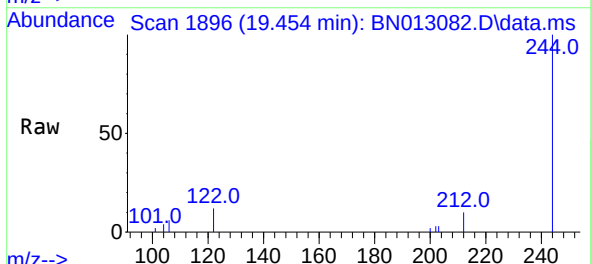
Instrument :
BNA_N
ClientSampleId :
RE108D2-20201208

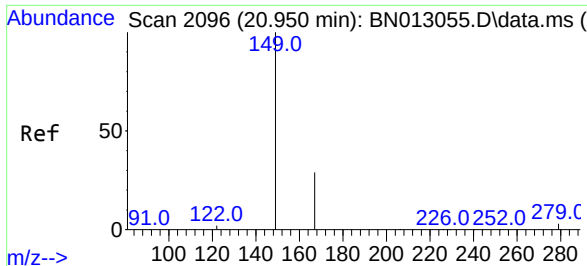
Tgt Ion:240 Resp: 4095
Ion Ratio Lower Upper
240 100
120 10.1 5.3 7.9#
236 28.7 21.8 32.8



#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.454 min Scan# 1896
Delta R.T. -0.005 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

Tgt Ion:244 Resp: 3995
Ion Ratio Lower Upper
244 100
212 10.1 7.3 10.9
122 11.7 7.3 10.9#



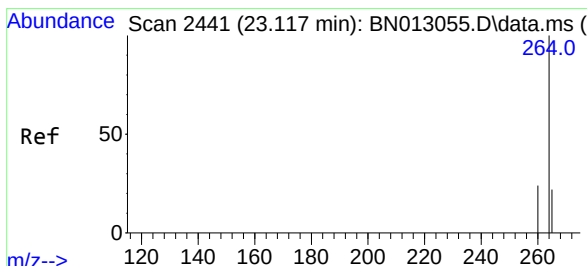
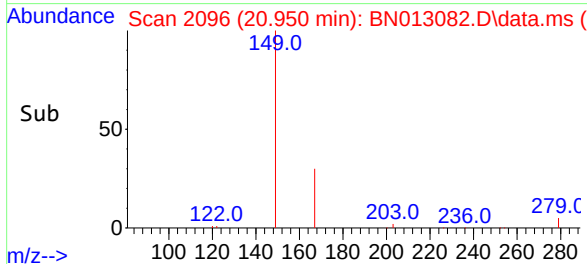
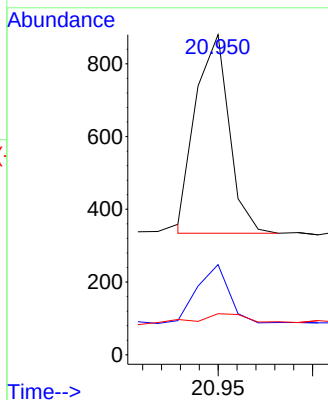
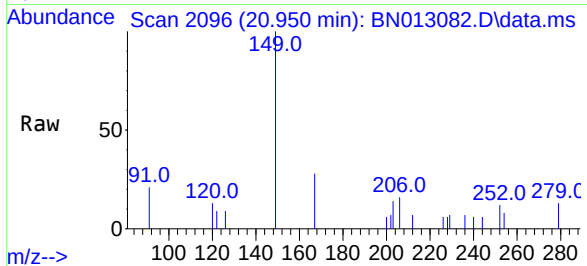


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 20.950 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

Instrument :
BNA_N
ClientSampleId :
RE108D2-20201208

Tgt Ion:149 Resp: 674

Ion	Ratio	Lower	Upper
149	100		
167	26.7	23.2	34.8
279	4.6	3.9	5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.113 min Scan# 2440
Delta R.T. -0.003 min
Lab File: BN013082.D
Acq: 12 Dec 2020 08:56

Tgt Ion:264 Resp: 4570

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.8	29.6
265	75.0	51.4	77.0

