

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
 Data File : BN013086.D
 Acq On : 12 Dec 2020 11:21
 Operator : CG/JU
 Sample : L4996-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20201208

Quant Time: Dec 14 03:06:40 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)

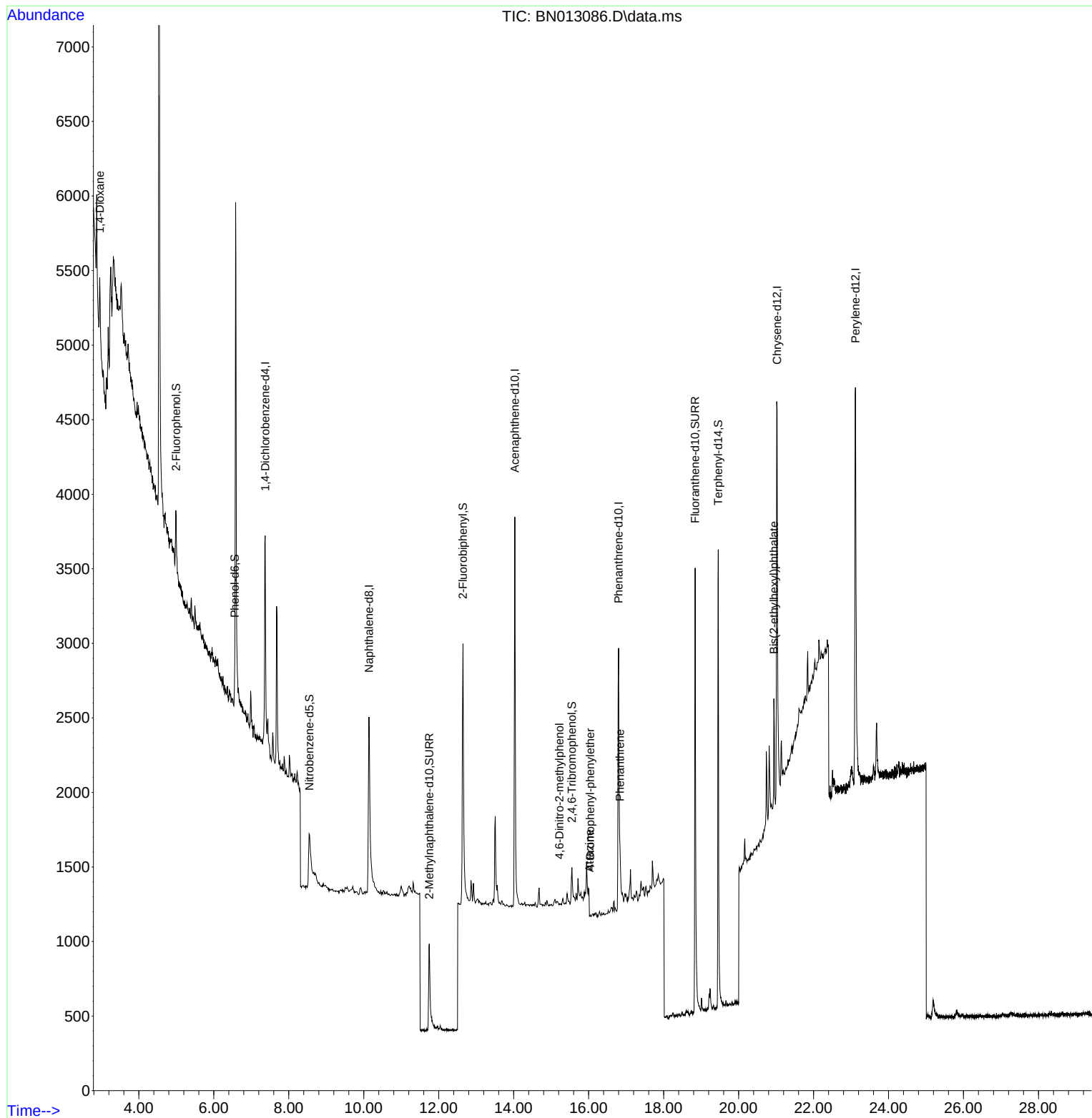
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.370	152	871	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	2806	0.40	ng	# 0.00
13) Acenaphthene-d10	14.029	164	1698	0.40	ng	0.00
19) Phenanthrene-d10	16.800	188	3567	0.40	ng	# 0.00
29) Chrysene-d12	21.027	240	3941	0.40	ng	# 0.01
36) Perylene-d12	23.116	264	4246	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.994	112	330	0.11	ng	0.00
5) Phenol-d6	6.557	99	230	0.06	ng	-0.02
8) Nitrobenzene-d5	8.553	82	828	0.28	ng	0.03
11) 2-Methylnaphthalene-d10	11.746	152	1435	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.551	330	239	0.21	ng	0.00
15) 2-Fluorobiphenyl	12.646	172	2249	0.30	ng	0.00
27) Fluoranthene-d10	18.841	212	4586	0.38	ng	0.00
31) Terphenyl-d14	19.456	244	3942	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.957	88	396	0.14	ng	# 80
20) 4,6-Dinitro-2-methylph...	15.221	198	3	0.10	ng	# 1
21) 4-Bromophenyl-phenylether	16.045	248	134	0.16	ng	# 68
23) Atrazine	16.021	200	173	0.08	ng	# 1
25) Phenanthrene	16.836	178	320	0.03	ng	# 89
34) Bis(2-ethylhexyl)phtha...	20.942	149	627	0.07	ng	97

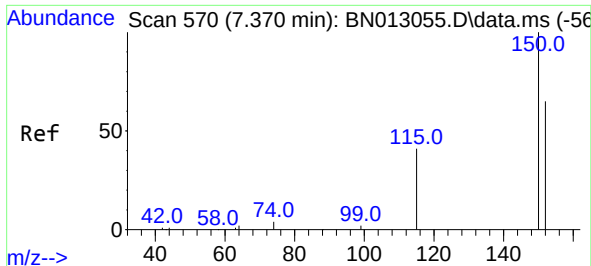
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

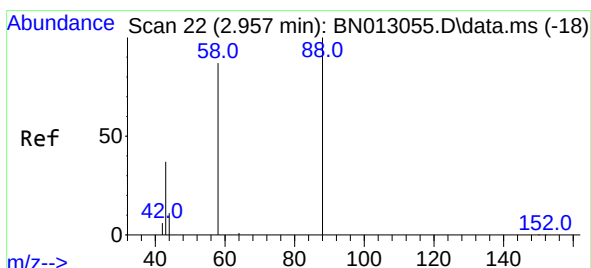
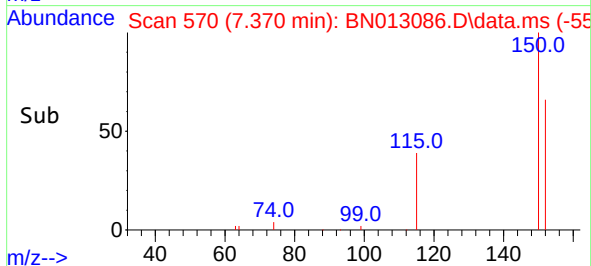
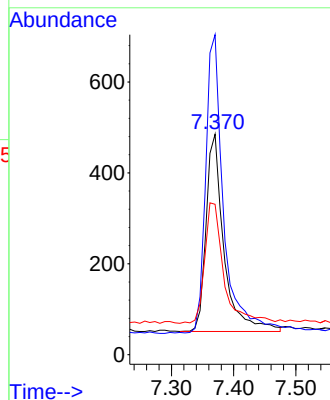
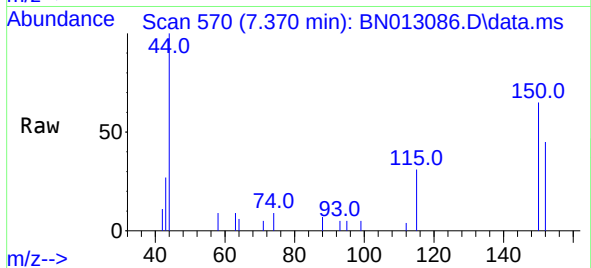




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.370 min Scan# 570
Delta R.T. -0.000 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

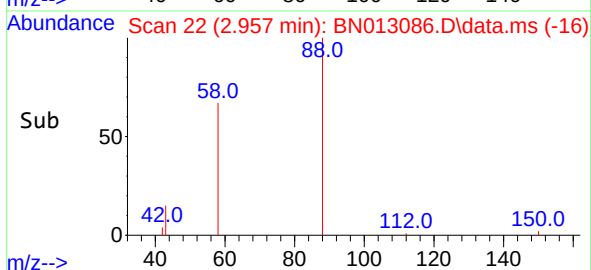
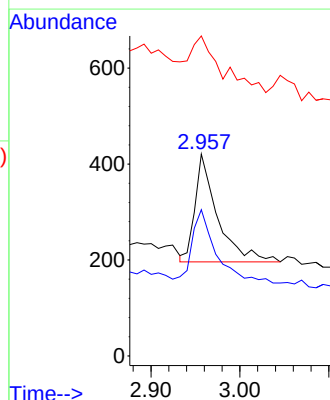
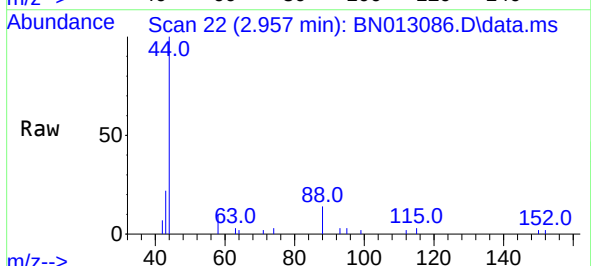
Instrument :
BNA_N
ClientSampleId :
RE126D1-20201208

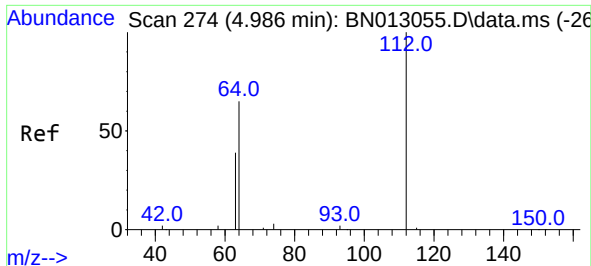
Tgt Ion: 152 Resp: 871
Ion Ratio Lower Upper
152 100
150 145.2 116.6 174.8
115 68.2 52.9 79.3



#2
1,4-Dioxane
Concen: 0.14 ng
RT: 2.957 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

Tgt Ion: 88 Resp: 396
Ion Ratio Lower Upper
88 100
58 73.2 59.4 89.2
43 74.2 32.3 48.5



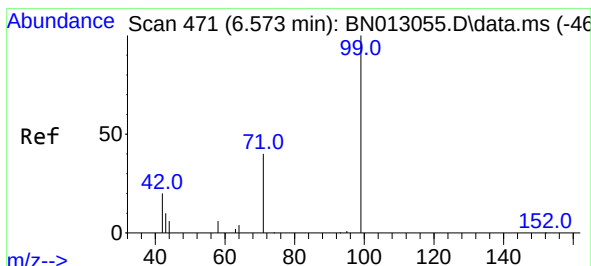
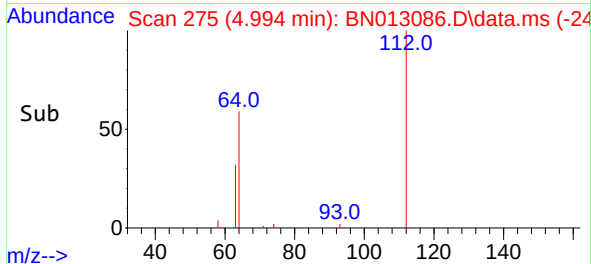
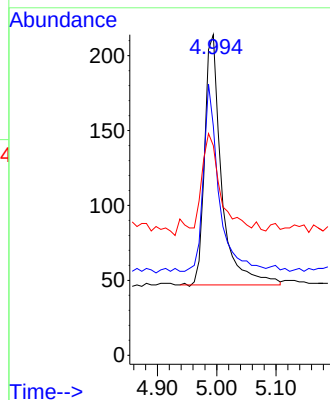
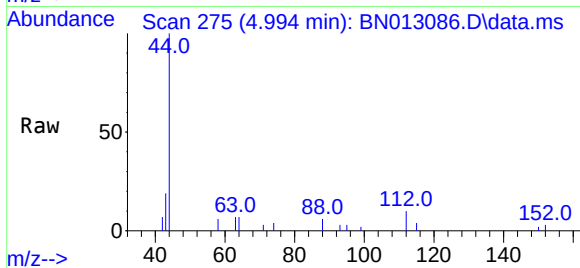


#4
2-Fluorophenol
Concen: 0.11 ng
RT: 4.994 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

Instrument :
BNA_N
ClientSampleId :
RE126D1-20201208

Tgt Ion: 112 Resp: 330

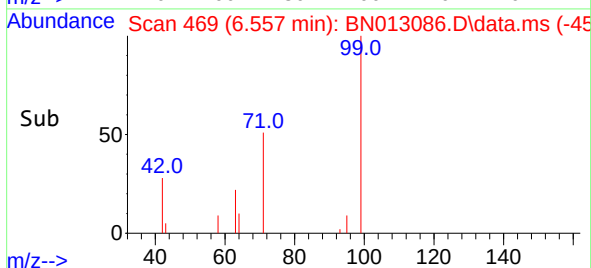
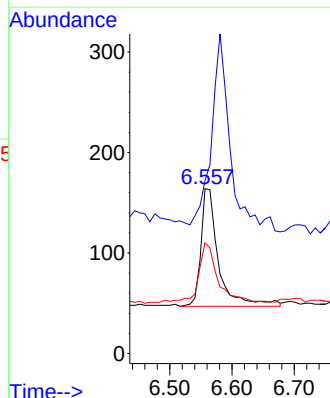
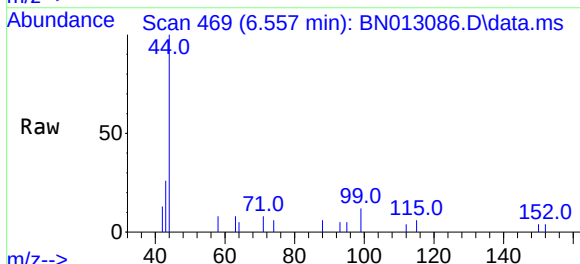
Ion	Ratio	Lower	Upper
112	100		
64	68.5	49.5	74.3
63	45.8	32.0	48.0

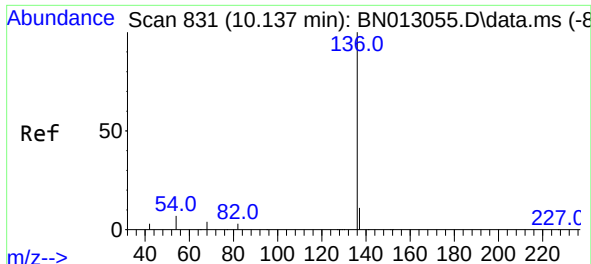


#5
Phenol-d6
Concen: 0.06 ng
RT: 6.557 min Scan# 469
Delta R.T. -0.016 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

Tgt Ion: 99 Resp: 230

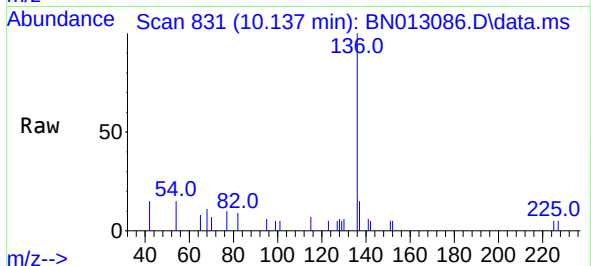
Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	53.0	37.8	56.6



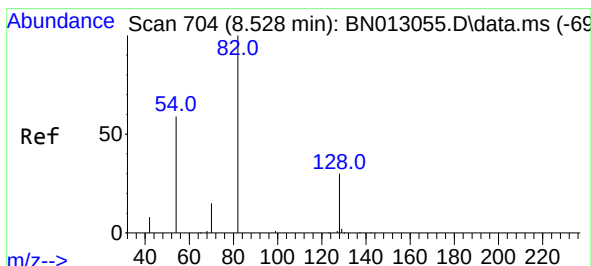
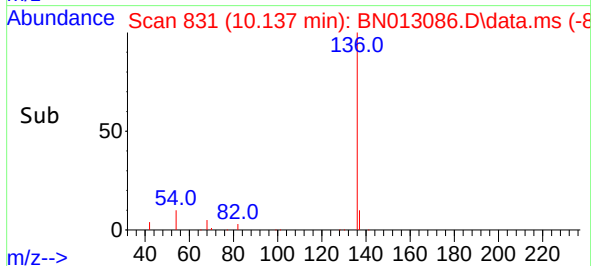
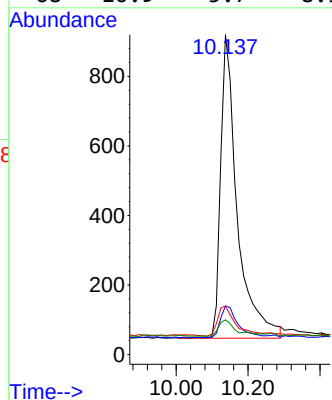


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. -0.000 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

Instrument :
BNA_N
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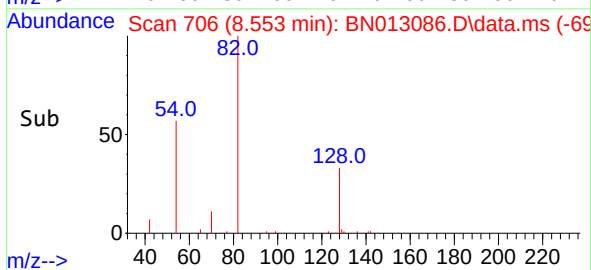
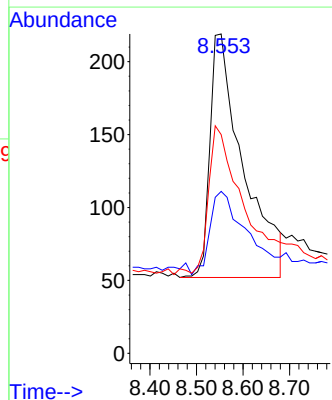
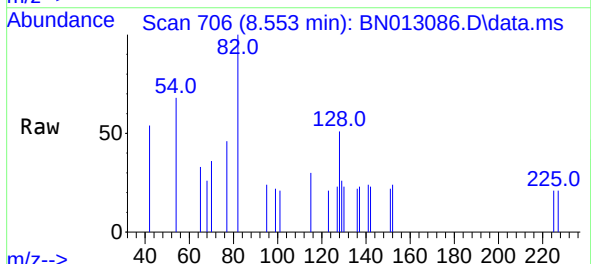


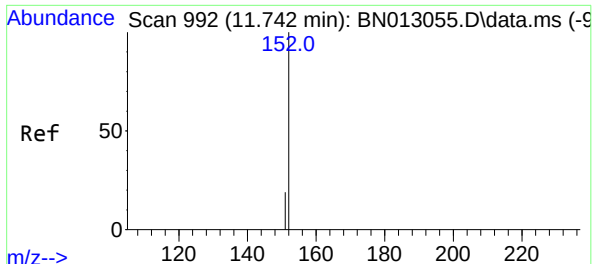
Tgt Ion:	136	Resp:	2806
Ion	Ratio	Lower	Upper
136	100		
137	15.2	10.6	15.8
54	15.1	8.6	12.8#
68	10.9	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.025 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

Tgt Ion:	82	Resp:	828
Ion	Ratio	Lower	Upper
82	100		
128	50.7	30.6	46.0#
54	68.5	48.3	72.5

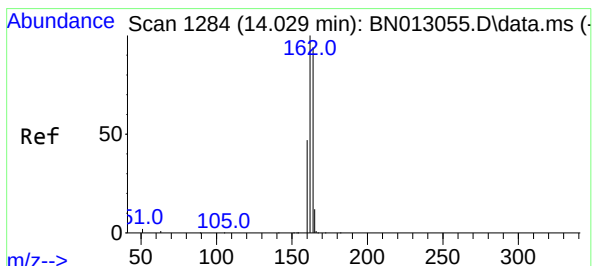
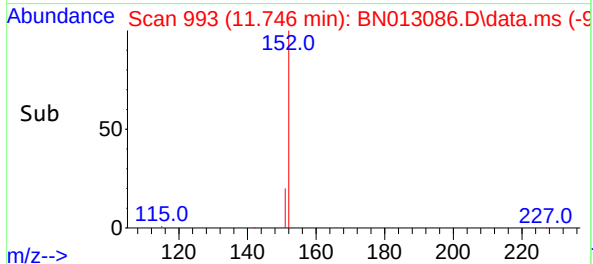
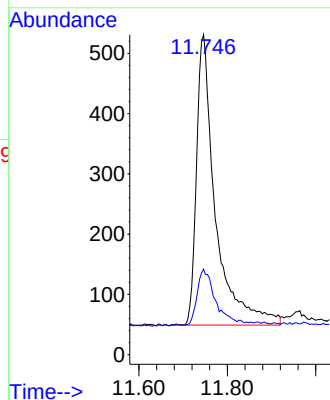
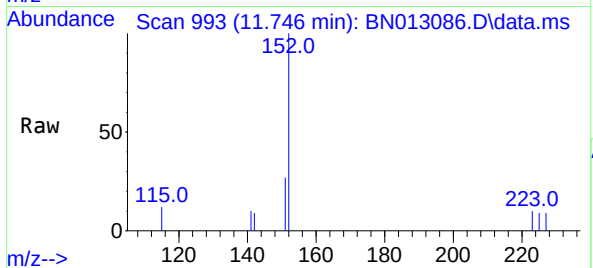




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 11.746 min Scan# 993
Delta R.T. 0.004 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

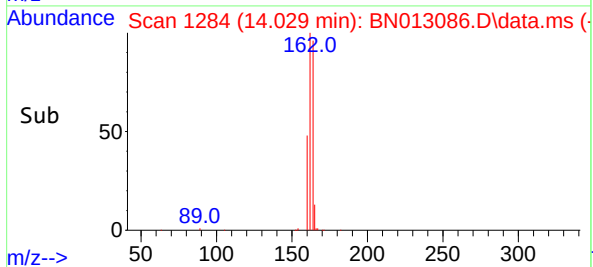
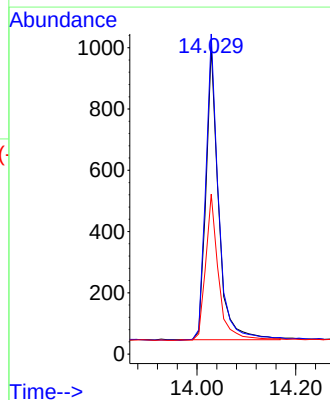
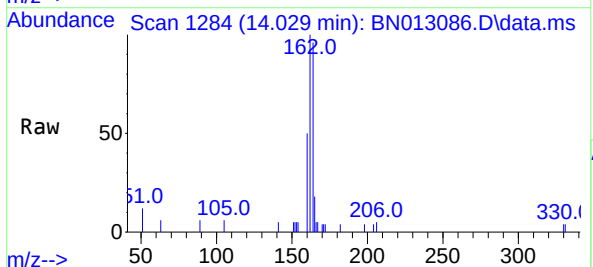
Instrument :
BNA_N
ClientSampleId :
RE126D1-20201208

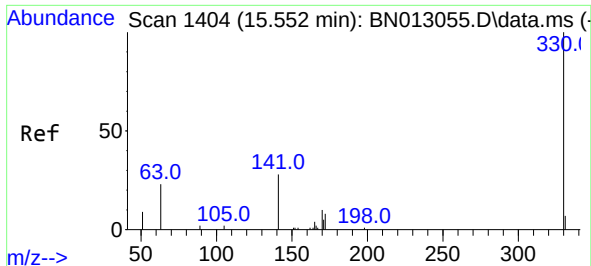
Tgt Ion:152 Resp: 1435
Ion Ratio Lower Upper
152 100
151 18.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

Tgt Ion:164 Resp: 1698
Ion Ratio Lower Upper
164 100
162 104.2 80.6 120.8
160 52.0 39.5 59.3

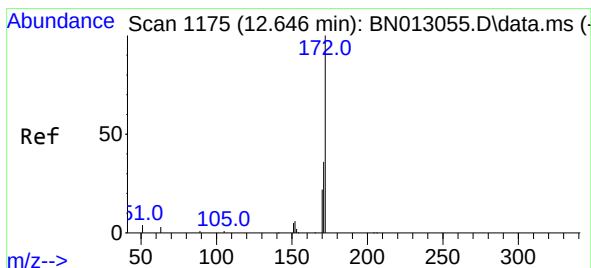
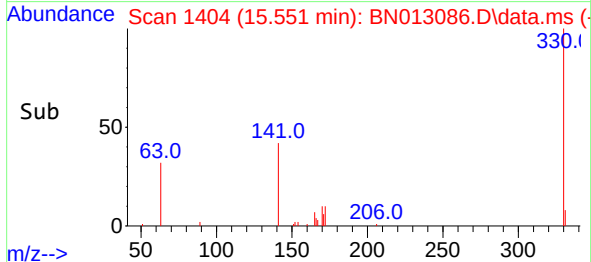
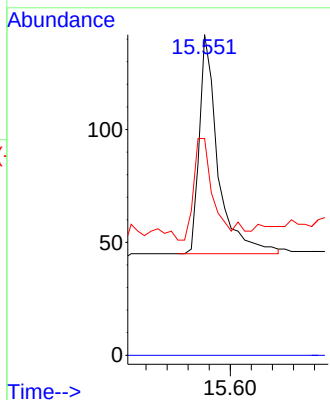
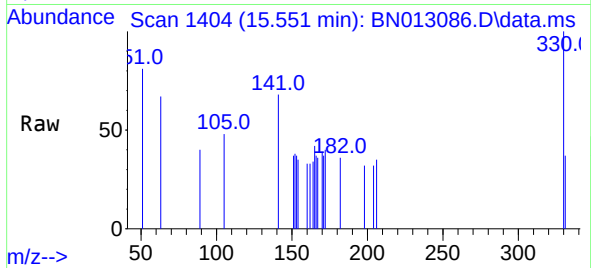




#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.551 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

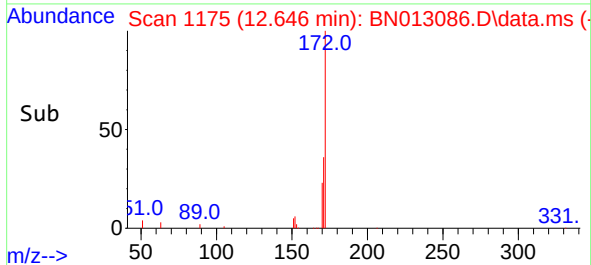
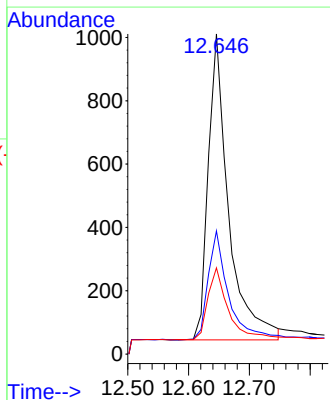
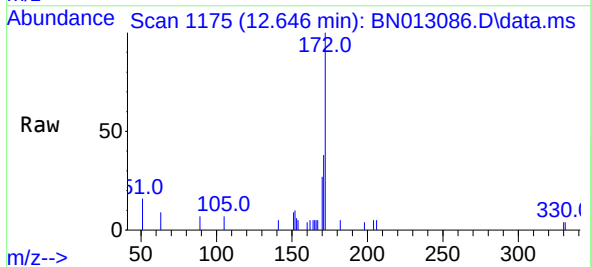
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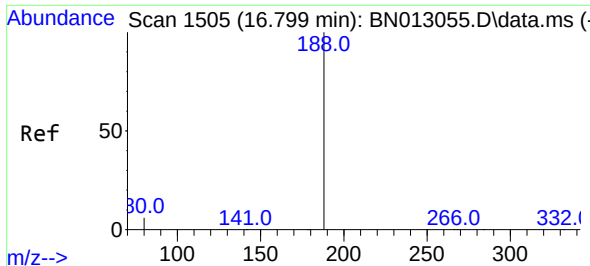
Tgt Ion:330 Resp: 239
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 52.3 34.4 51.6#



#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.646 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

Tgt Ion:172 Resp: 2249
Ion Ratio Lower Upper
172 100
171 38.5 28.2 42.4
170 26.9 20.0 30.0

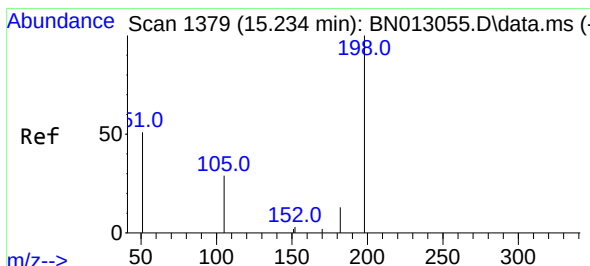
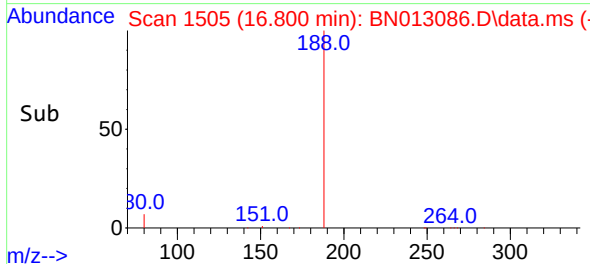
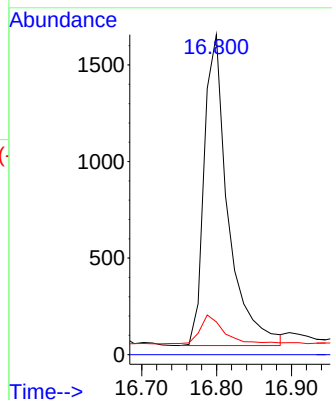
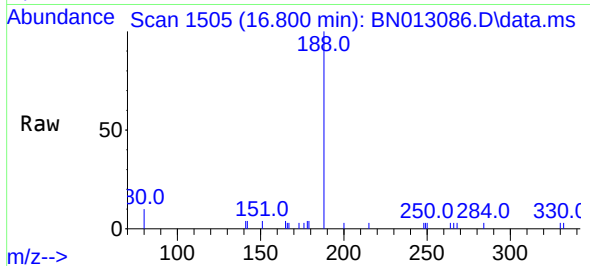




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.800 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

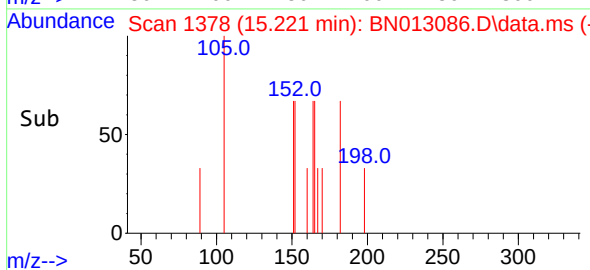
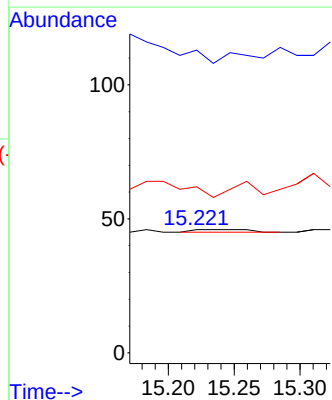
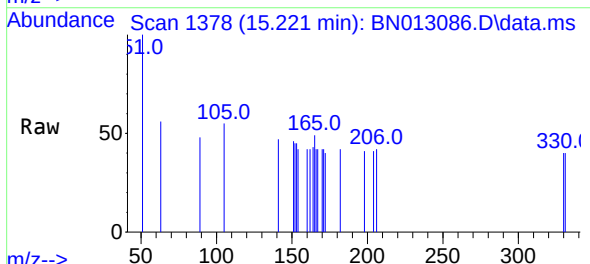
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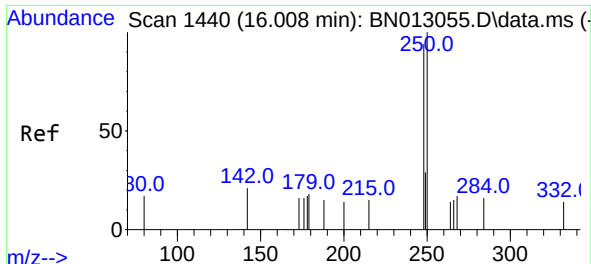
Tgt Ion:188	Resp:	3567
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.3	5.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.221 min Scan# 1378
Delta R.T. -0.013 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

Tgt Ion:198	Resp:	3
Ion Ratio	Lower	Upper
198	100	
51	245.7	43.5
105	134.8	27.2

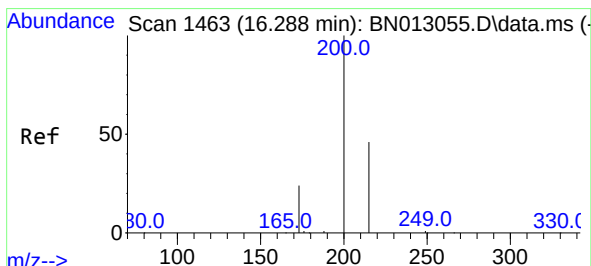
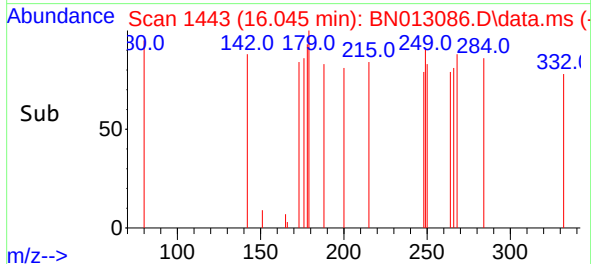
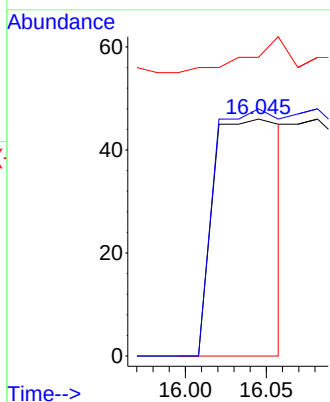
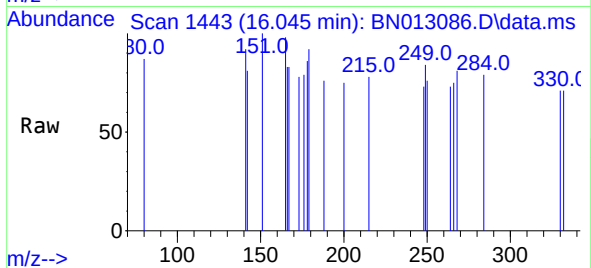




#21
4-Bromophenyl-phenylether
Concen: 0.16 ng
RT: 16.045 min Scan# 1443
Delta R.T. 0.037 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

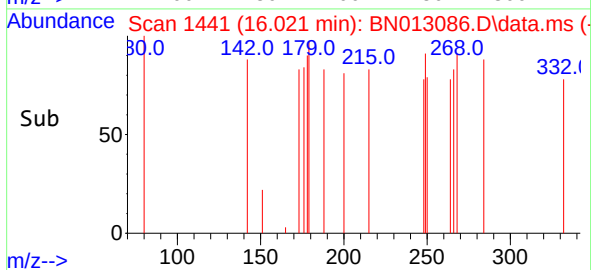
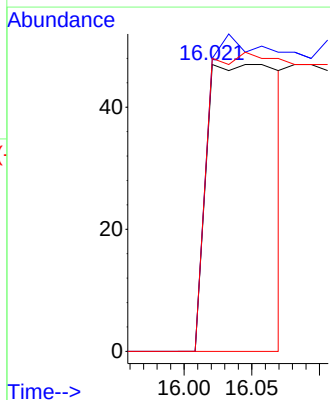
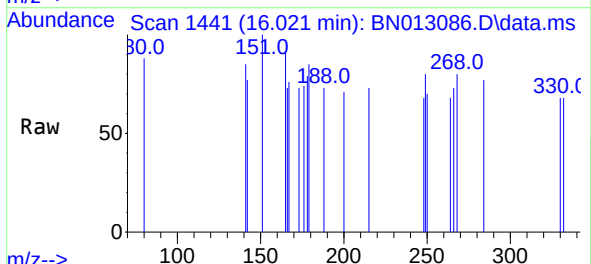
Instrument :
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RE126D1-20201208

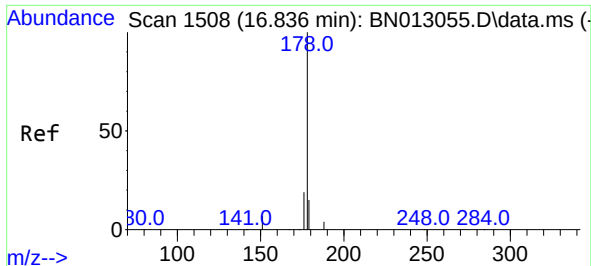
Tgt Ion:248 Resp: 134
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 126.1 57.8 86.8#



#23
Atrazine
Concen: 0.08 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.267 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

Tgt Ion:200 Resp: 173
Ion Ratio Lower Upper
200 100
173 102.1 22.8 34.2#
215 102.1 38.1 57.1#

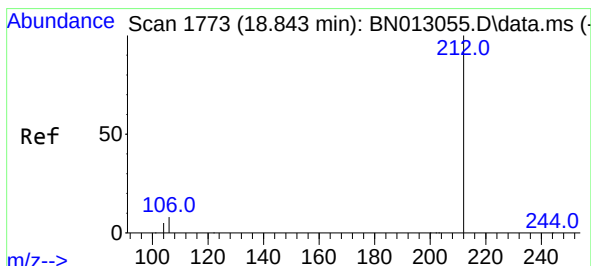
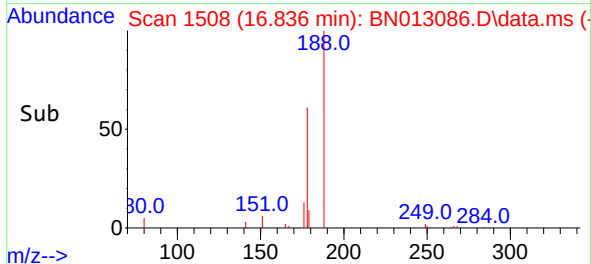
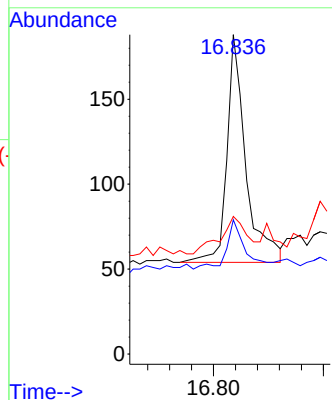
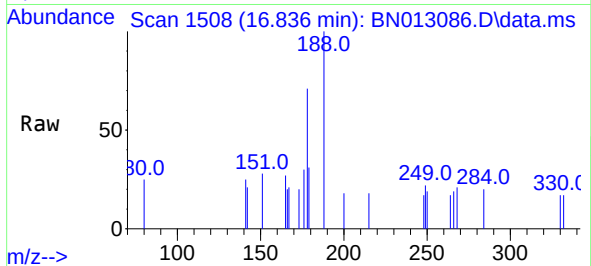




#25
Phenanthrene
Concen: 0.03 ng
RT: 16.836 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

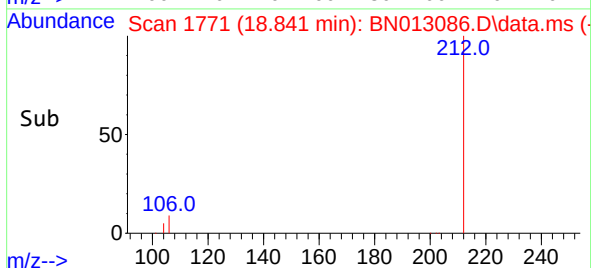
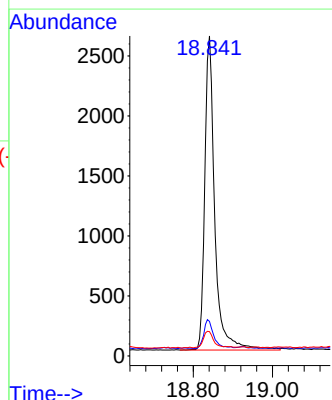
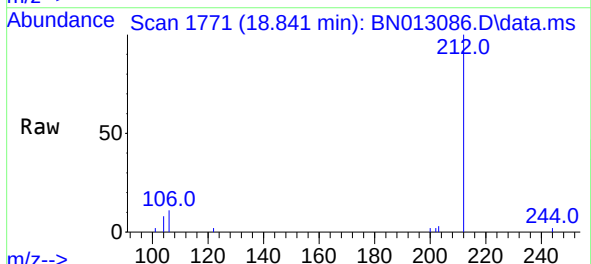
Instrument :
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ClientSampleId :
RE126D1-20201208

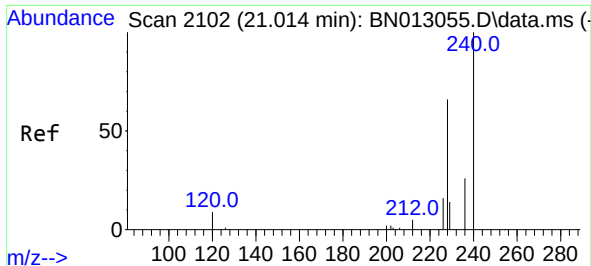
Tgt Ion:178 Resp: 320
Ion Ratio Lower Upper
178 100
176 21.3 14.8 22.2
179 22.5 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 18.841 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

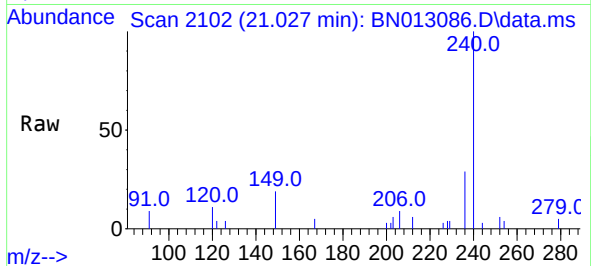
Tgt Ion:212 Resp: 4586
Ion Ratio Lower Upper
212 100
106 9.4 6.8 10.2
104 5.6 4.1 6.1



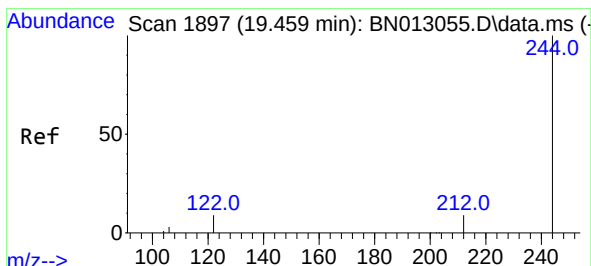
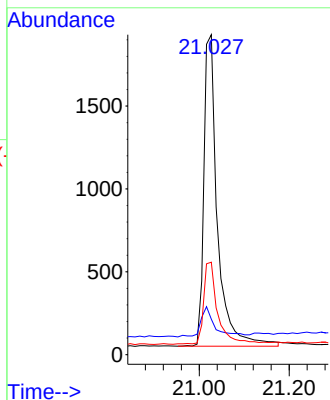
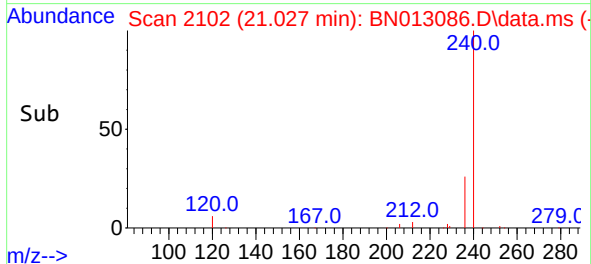


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.027 min Scan# 2102
Delta R.T. 0.013 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

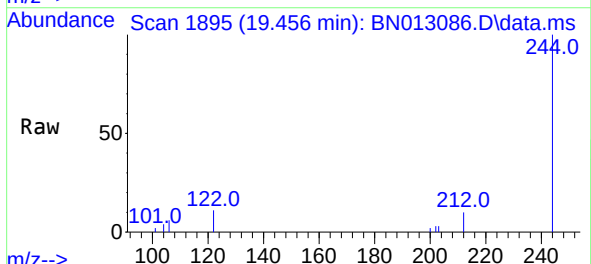
Instrument :
BNA_N
ClientSampleId :
RE126D1-20201208



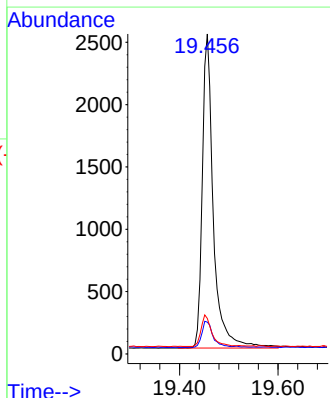
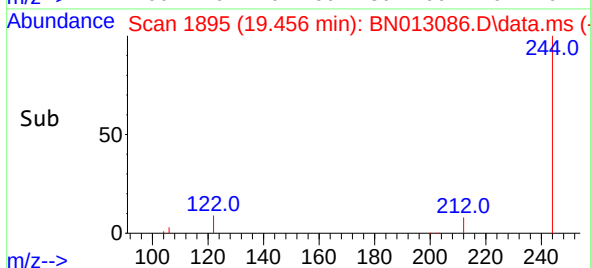
Tgt Ion:240 Resp: 3941
Ion Ratio Lower Upper
240 100
120 11.1 5.3 7.9#
236 28.9 21.8 32.8

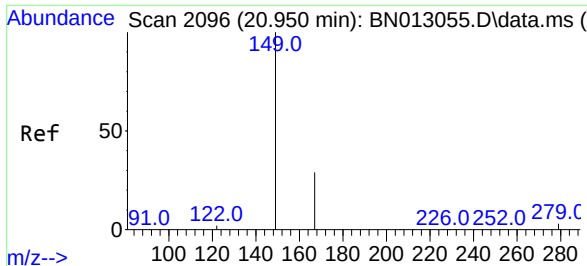


#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.456 min Scan# 1895
Delta R.T. -0.002 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21



Tgt Ion:244 Resp: 3942
Ion Ratio Lower Upper
244 100
212 10.0 7.3 10.9
122 11.1 7.3 10.9#



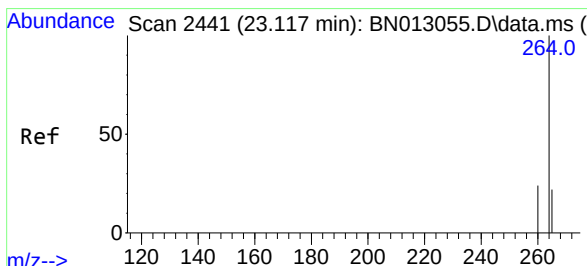
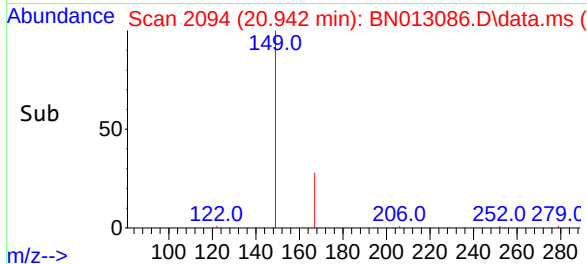
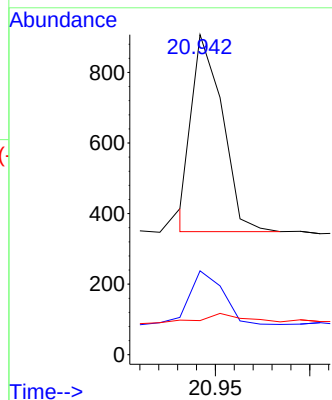
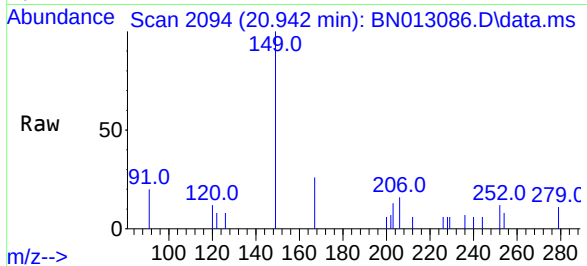


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 20.942 min Scan# 2094
Delta R.T. -0.008 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

Instrument :
BNA_N
ClientSampleId :
RE126D1-20201208

Tgt Ion:149 Resp: 627

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.2	34.8
279	4.1	3.9	5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.116 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BN013086.D
Acq: 12 Dec 2020 11:21

Tgt Ion:264 Resp: 4246

Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.8	29.6
265	83.5	51.4	77.0

