

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013161.D
 Acq On : 16 Dec 2020 10:07
 Operator : CG/JU
 Sample : L4996-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20201208

Quant Time: Dec 16 11:25:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 16:49:20 2020
 Response via : Initial Calibration

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

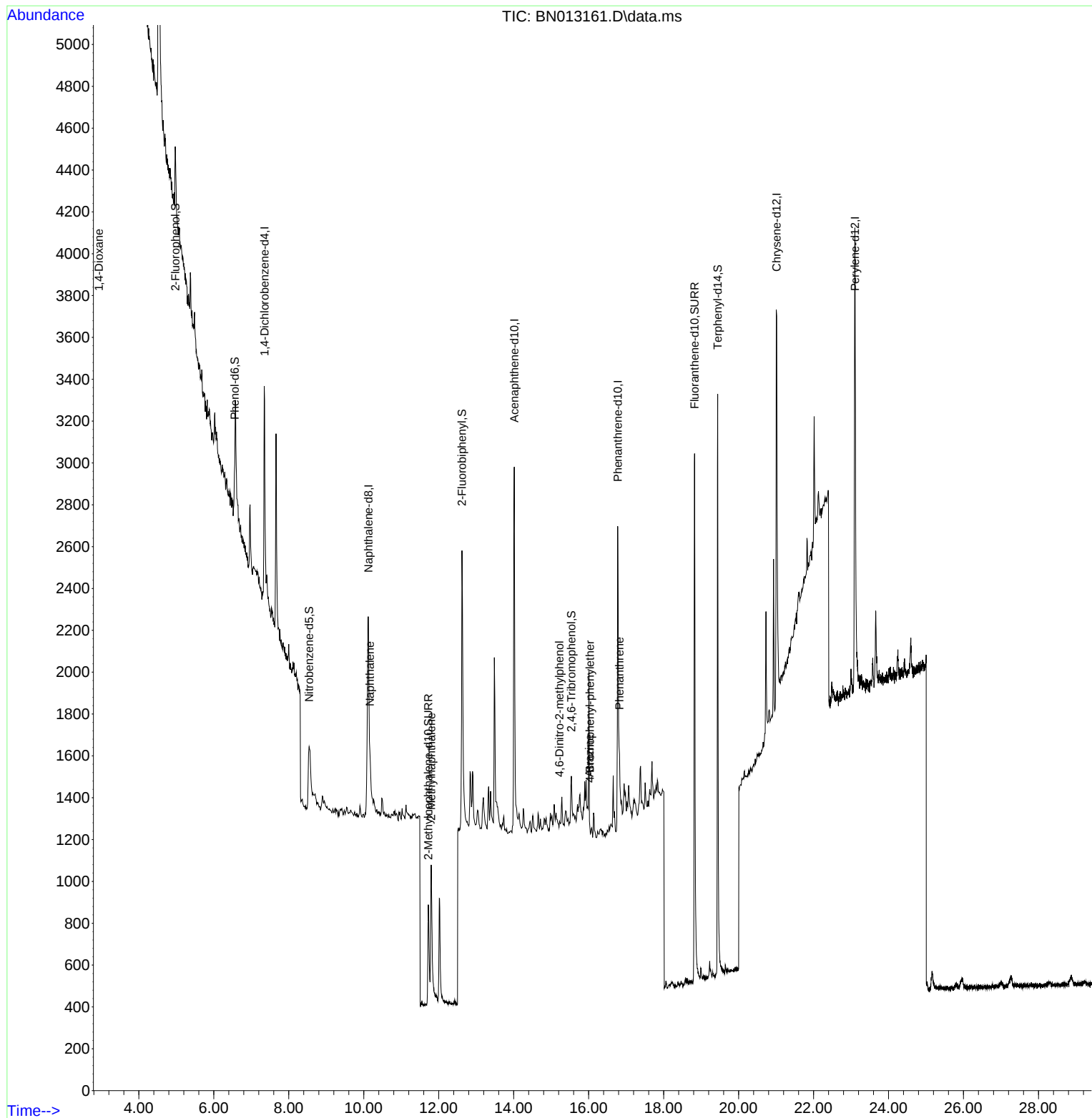
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.354	152	675	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2055	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1226	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2678	0.40	ng	# 0.00
29) Chrysene-d12	21.016	240	2983	0.40	ng	# 0.01
36) Perylene-d12	23.102	264	3428	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	353	0.13	ng	0.00
5) Phenol-d6	6.557	99	194	0.07	ng	0.00
8) Nitrobenzene-d5	8.540	82	624	0.29	ng	0.03
11) 2-Methylnaphthalene-d10	11.724	152	1149	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	222	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.621	172	1812	0.35	ng	-0.01
27) Fluoranthene-d10	18.826	212	3985	0.45	ng	0.00
31) Terphenyl-d14	19.442	244	3470	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	1982	1.68	ng	94
9) Naphthalene	10.163	128	226	0.04	ng	# 25
12) 2-Methylnaphthalene	11.800	142	753	0.18	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.222	198	3	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.033	248	103	0.20	ng	# 68
23) Atrazine	16.021	200	139	0.09	ng	# 1
25) Phenanthrene	16.824	178	401	0.05	ng	# 88
34) Bis(2-ethylhexyl)phtha...	20.931	149	599	Below	Cal	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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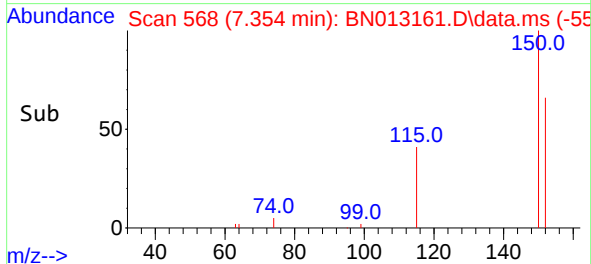
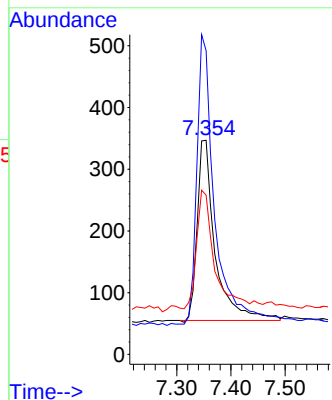
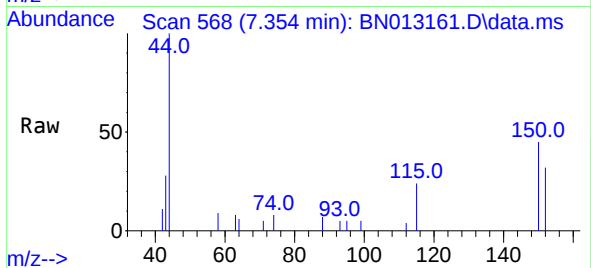


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.354 min Scan# 568
Delta R.T. 0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208

Tgt Ion: 152 Resp: 675

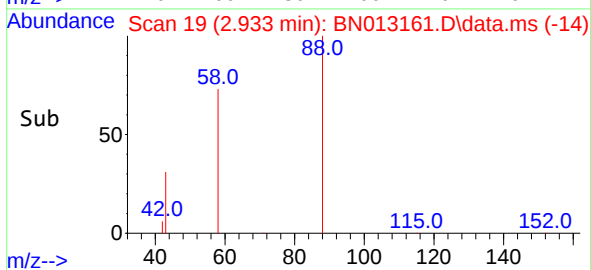
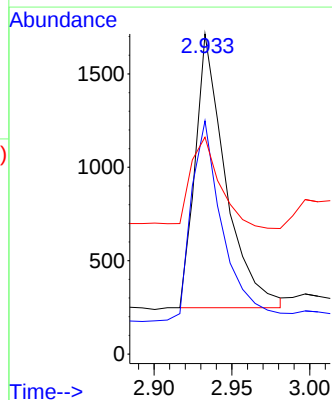
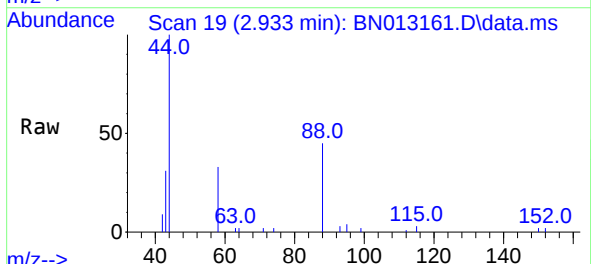
Ion	Ratio	Lower	Upper
152	100		
150	141.8	116.6	174.8
115	74.4	52.9	79.3



#2
1,4-Dioxane
Concen: 1.68 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.008 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion: 88 Resp: 1982

Ion	Ratio	Lower	Upper
88	100		
58	76.0	59.4	89.2
43	32.6	32.3	48.5

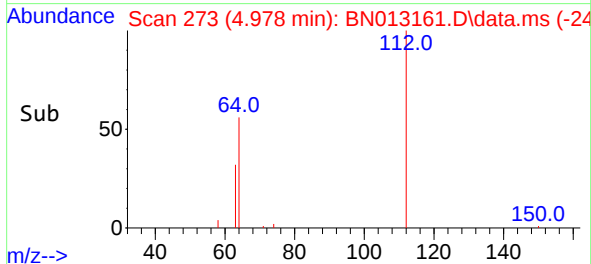
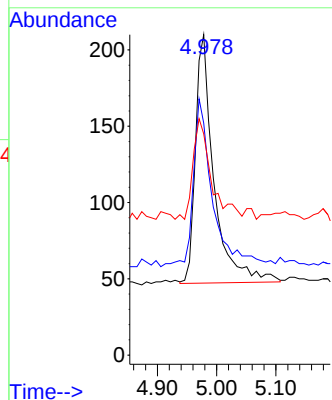
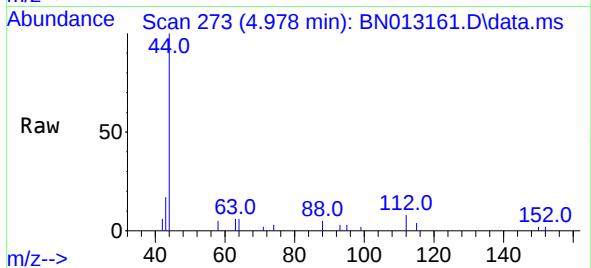




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

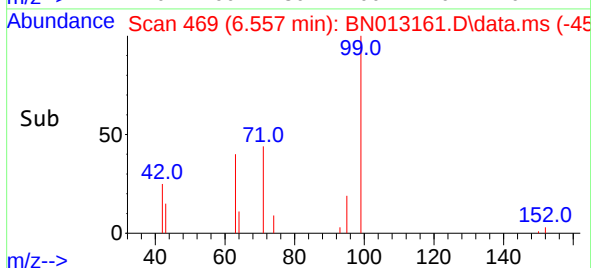
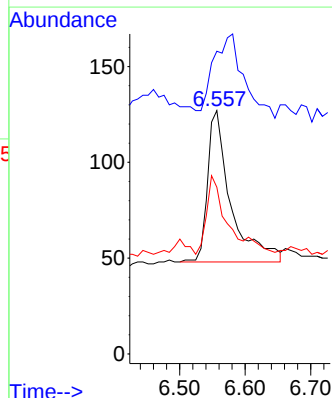
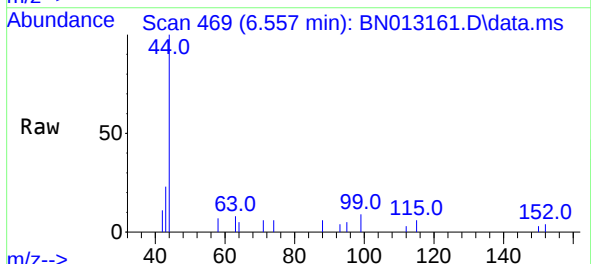
Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208

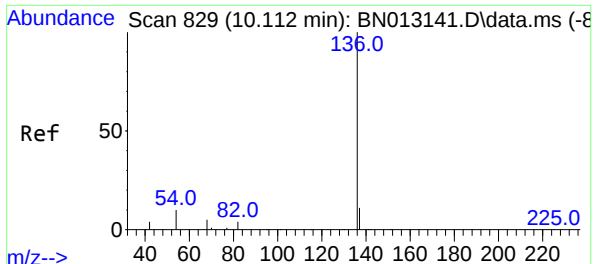
Tgt Ion:	112	Resp:	353
Ion	Ratio	Lower	Upper
112	100		
64	70.5	49.5	74.3
63	39.7	32.0	48.0



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.557 min Scan# 469
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:	99	Resp:	194
Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6
71	47.9	37.8	56.6



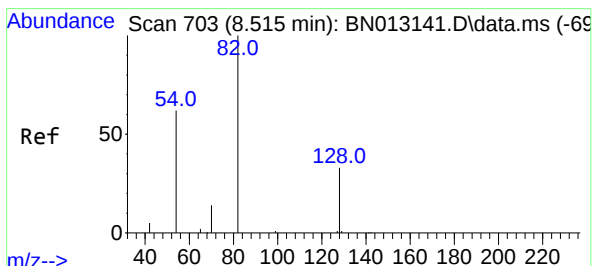
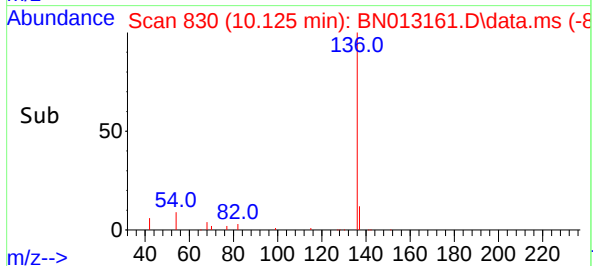
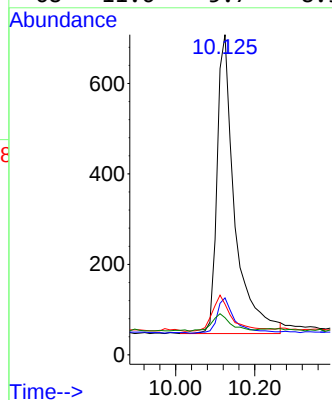
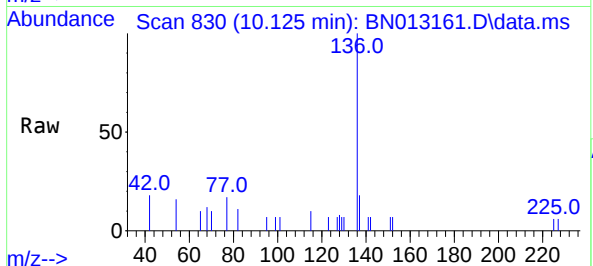


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208

Tgt Ion: 136 Resp: 2055

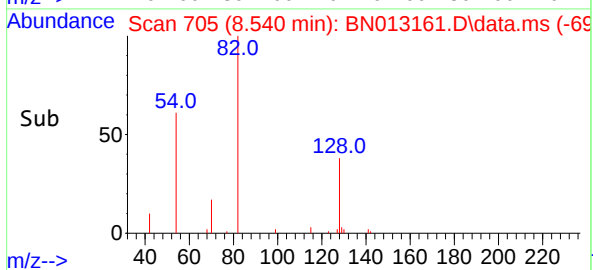
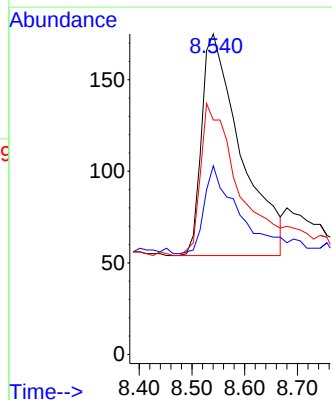
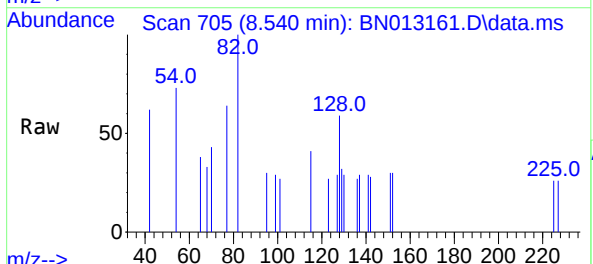
Ion	Ratio	Lower	Upper
136	100		
137	17.8	10.6	15.8#
54	15.8	8.6	12.8#
68	11.6	5.7	8.5#

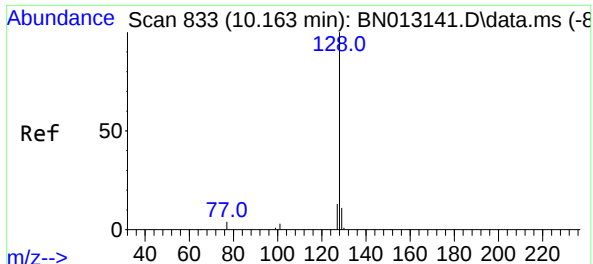


#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.025 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion: 82 Resp: 624

Ion	Ratio	Lower	Upper
82	100		
128	58.9	30.6	46.0#
54	73.1	48.3	72.5#

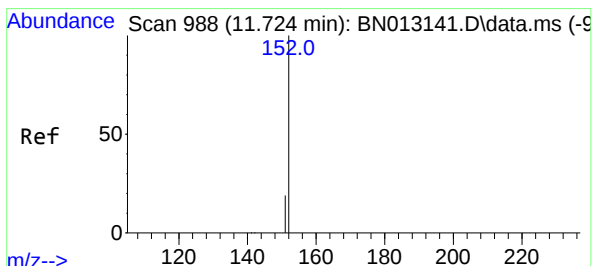
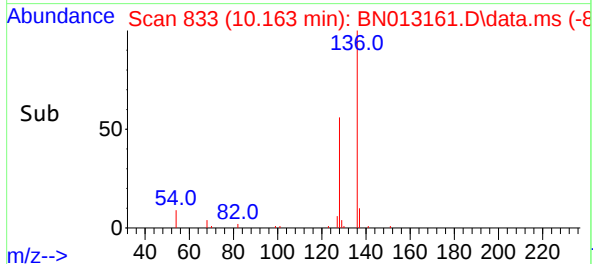
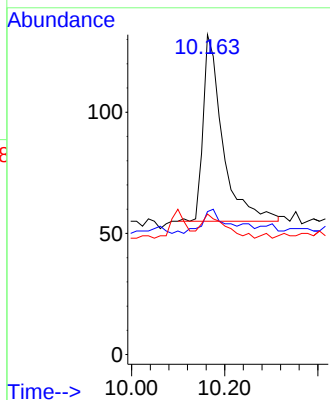
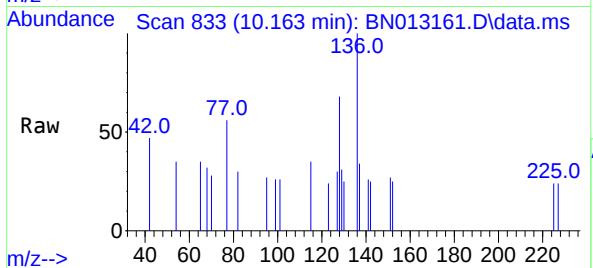




#9
Naphthalene
Concen: 0.04 ng
RT: 10.163 min Scan# 833
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

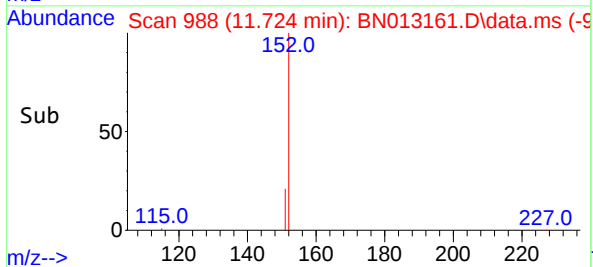
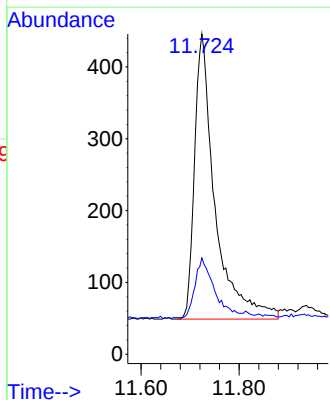
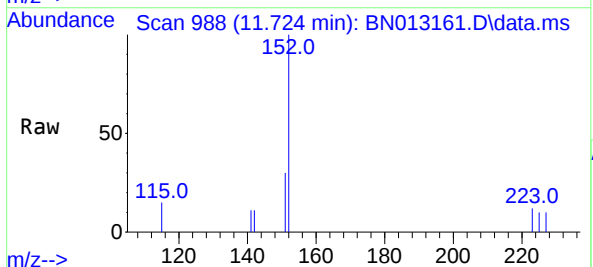
Instrument :
BNA_N
ClientSampleId :
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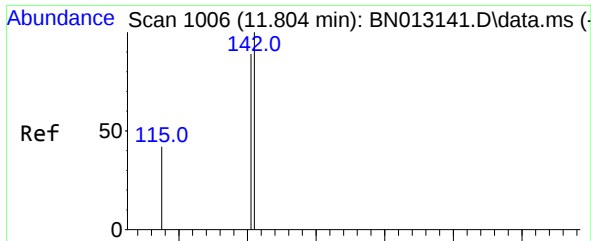
Tgt Ion:	128	Resp:	226
Ion	Ratio	Lower	Upper
128	100		
129	44.7	9.8	14.8#
127	43.9	12.2	18.4#



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 11.724 min Scan# 988
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:	152	Resp:	1149
Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.7	25.1

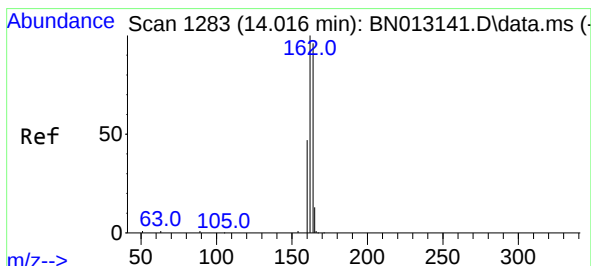
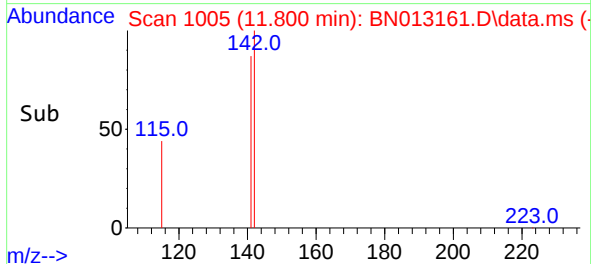
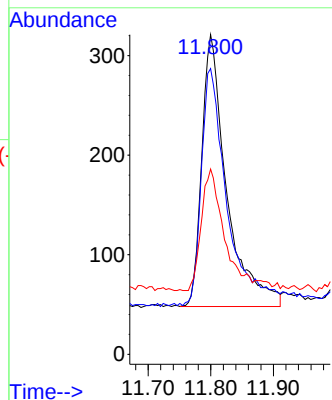
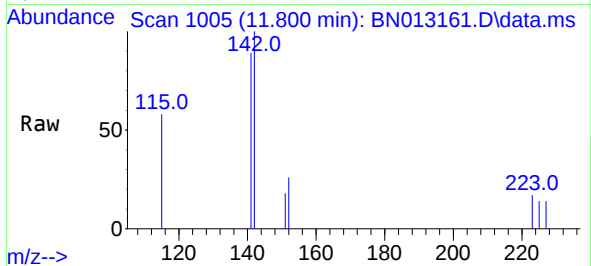




#12
2-Methylnaphthalene
Concen: 0.18 ng
RT: 11.800 min Scan# 1005
Delta R.T. -0.004 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

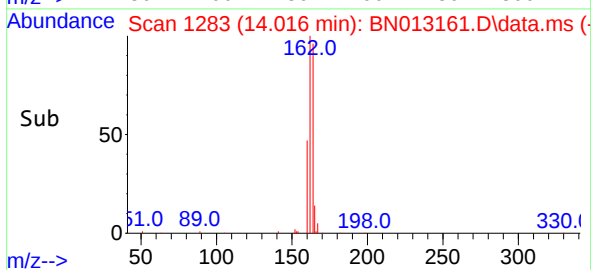
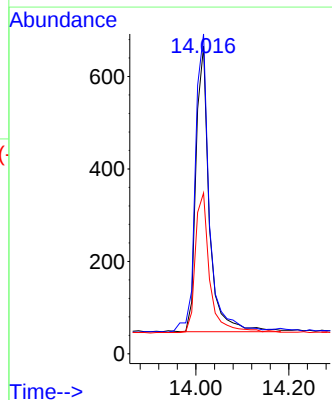
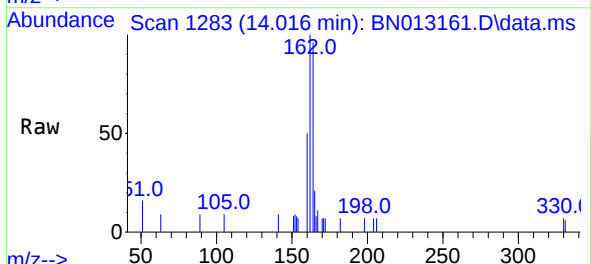
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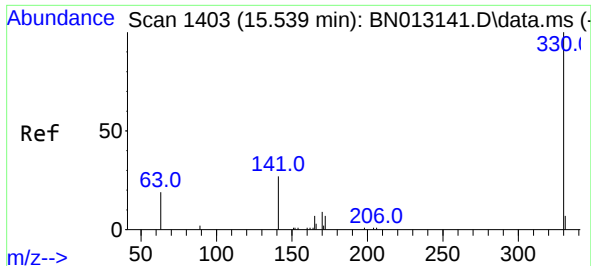
Tgt Ion:142 Resp: 753
Ion Ratio Lower Upper
142 100
141 89.4 69.4 104.2
115 57.9 35.7 53.5#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:164 Resp: 1226
Ion Ratio Lower Upper
164 100
162 104.1 80.6 120.8
160 52.3 39.5 59.3

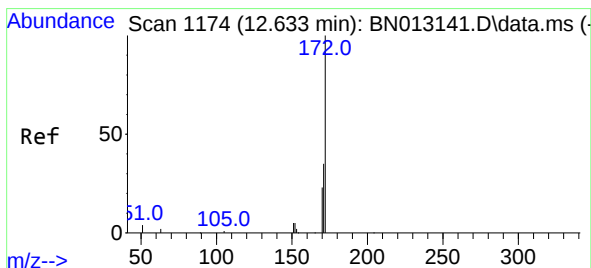
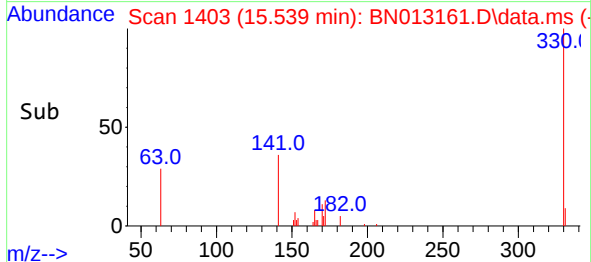
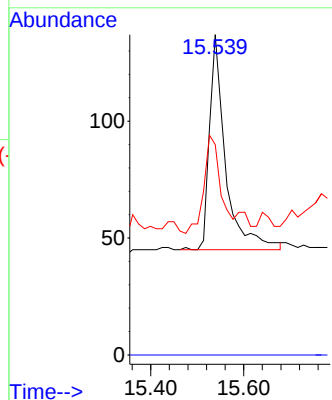
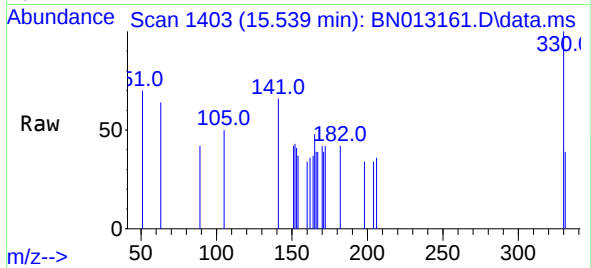




#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

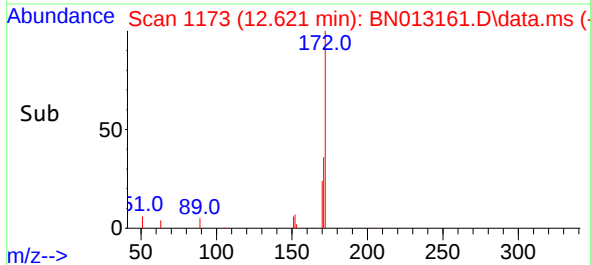
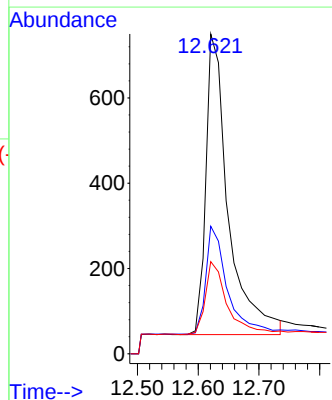
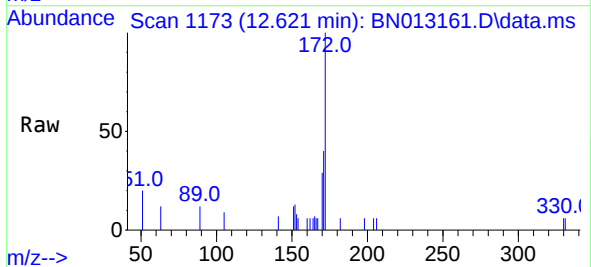
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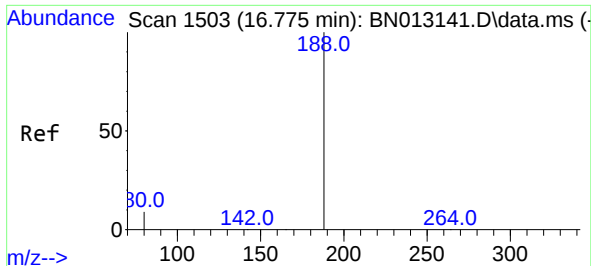
Tgt Ion:330 Resp: 222
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 54.5 34.4 51.6#



#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:172 Resp: 1812
Ion Ratio Lower Upper
172 100
171 39.9 28.2 42.4
170 28.8 20.0 30.0

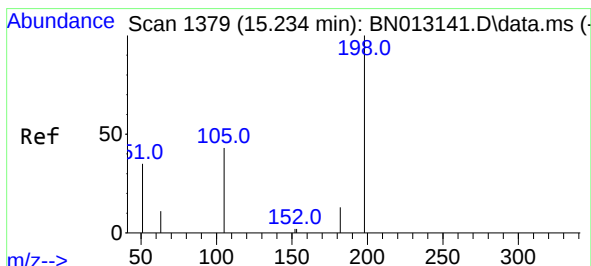
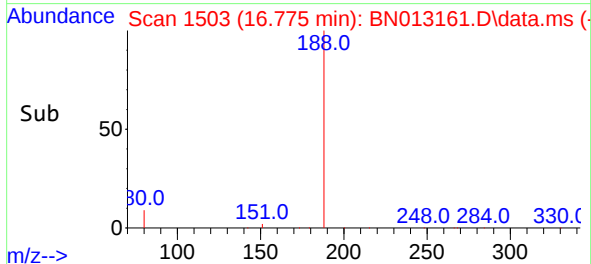
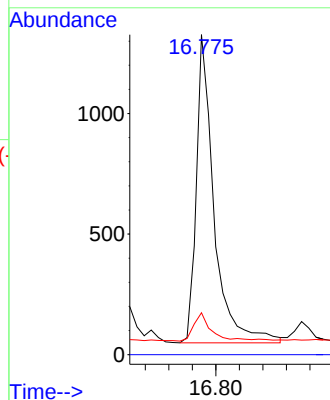
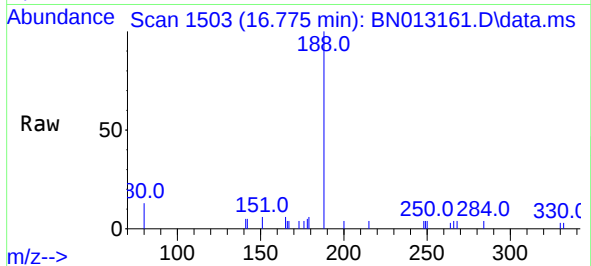




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

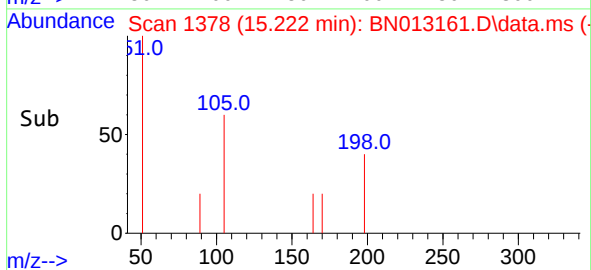
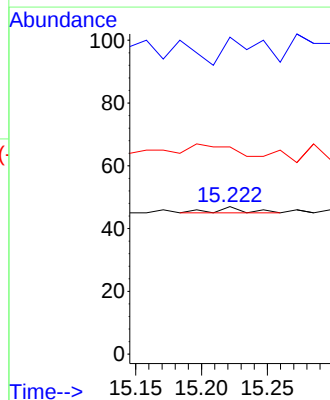
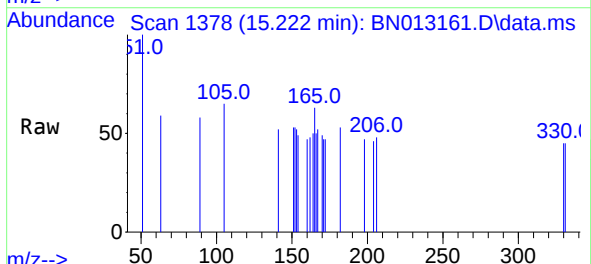
Instrument :
BNA_N
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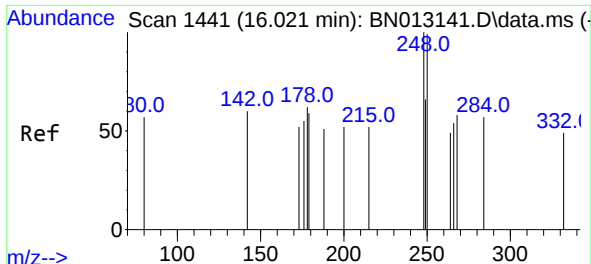
Tgt Ion:188	Resp:	2678
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	13.1	5.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.222 min Scan# 1378
Delta R.T. -0.012 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:198	Resp:	3
Ion Ratio	Lower	Upper
198	100	
51	214.9	43.5
105	140.4	27.2

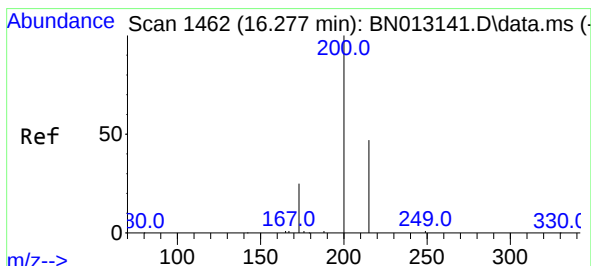
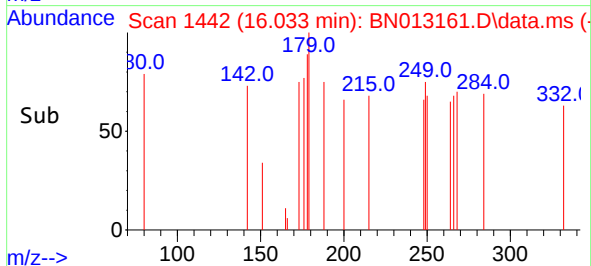
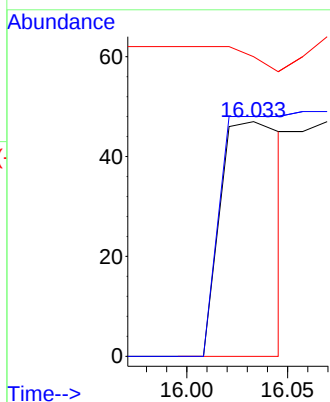
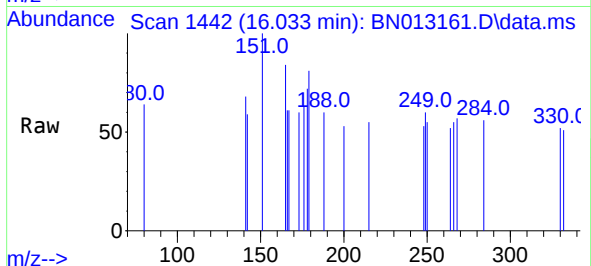




#21
4-Bromophenyl-phenylether
Concen: 0.20 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

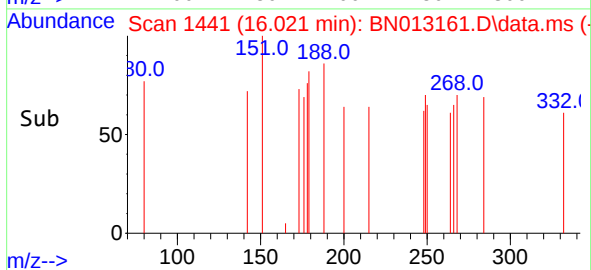
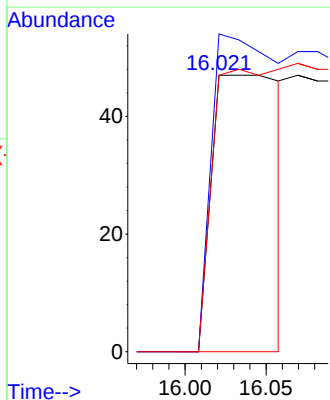
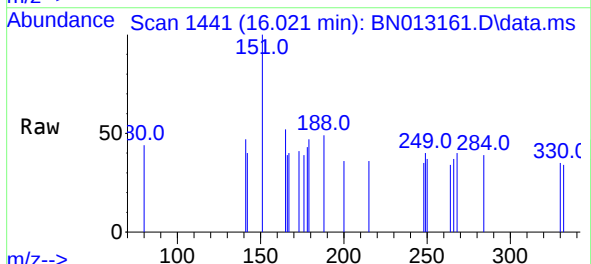
Instrument :
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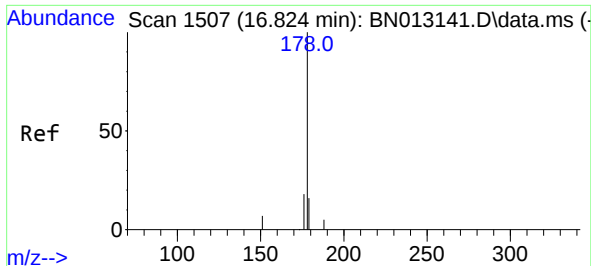
Tgt Ion:248 Resp: 103
Ion Ratio Lower Upper
248 100
250 102.1 77.3 115.9
141 127.7 57.8 86.8#



#23
Atrazine
Concen: 0.09 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.256 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:200 Resp: 139
Ion Ratio Lower Upper
200 100
173 114.9 22.8 34.2#
215 100.0 38.1 57.1#

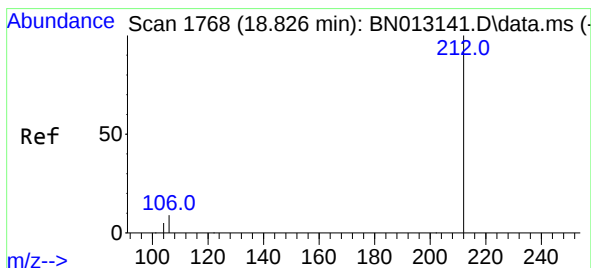
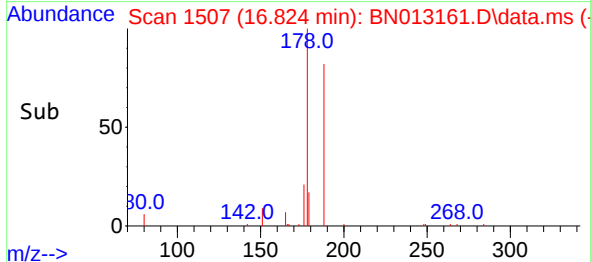
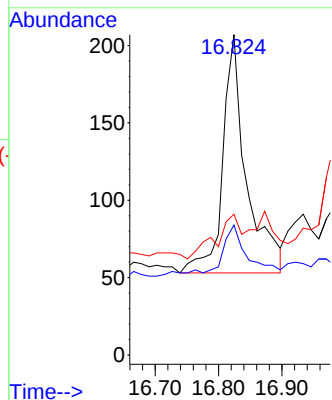
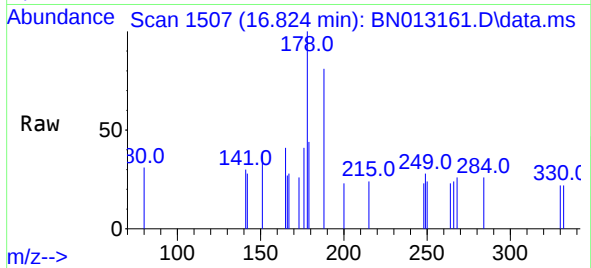




#25
Phenanthrene
Concen: 0.05 ng
RT: 16.824 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

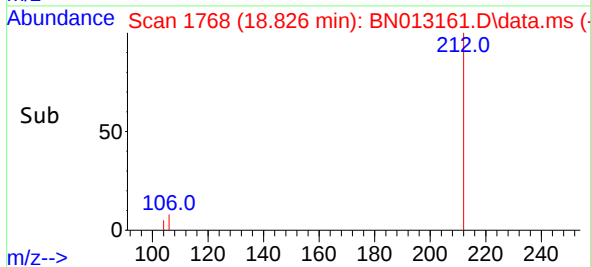
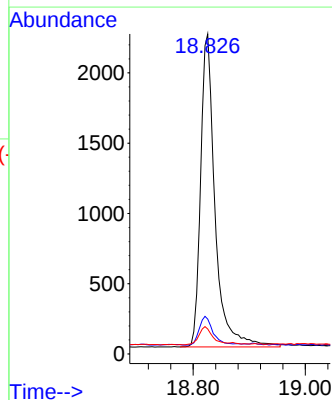
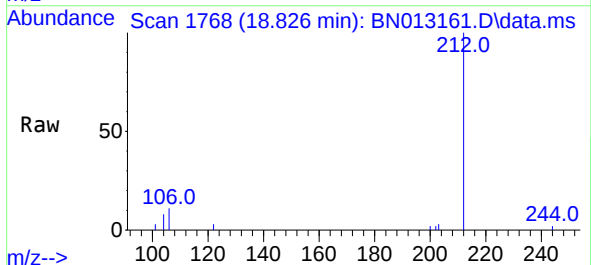
Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208

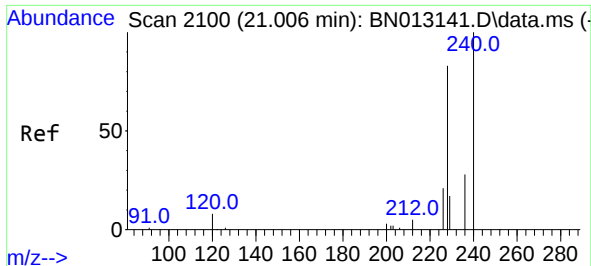
Tgt Ion:	178	Resp:	401
Ion	Ratio	Lower	Upper
178	100		
176	24.7	14.8	22.2#
179	19.5	12.4	18.6#



#27
Fluoranthene-d10
Concen: 0.45 ng
RT: 18.826 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:	212	Resp:	3985
Ion	Ratio	Lower	Upper
212	100		
106	9.1	6.8	10.2
104	5.5	4.1	6.1

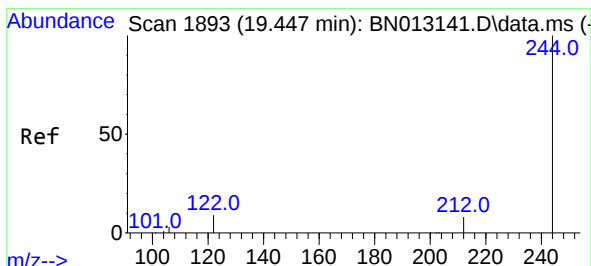
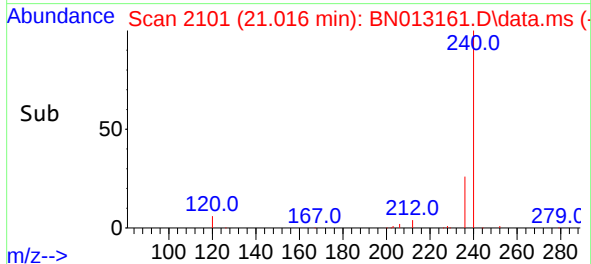
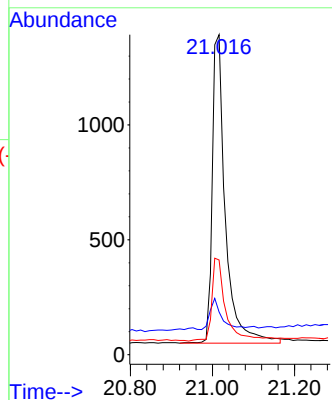
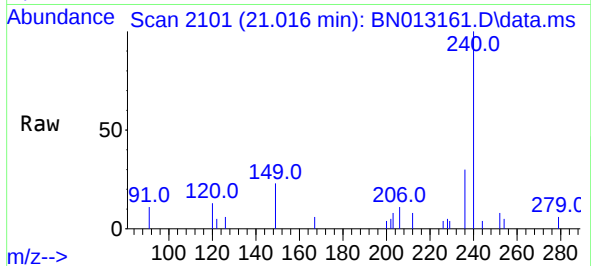




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

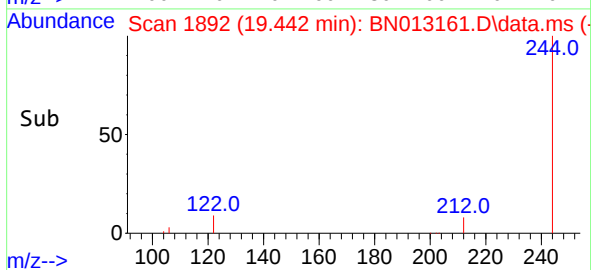
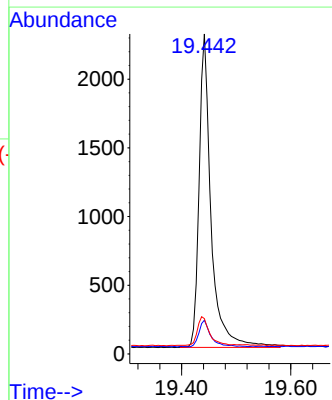
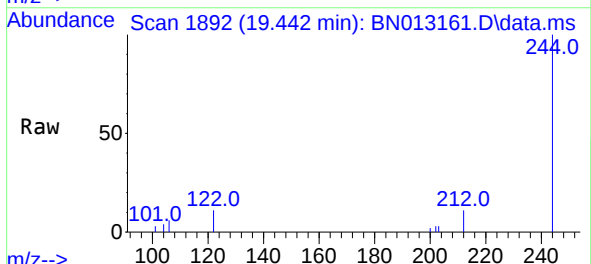
Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208

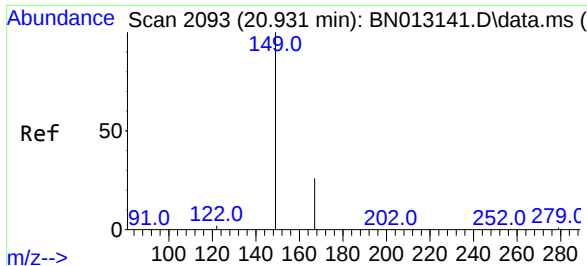
Tgt Ion:240 Resp: 2983
Ion Ratio Lower Upper
240 100
120 13.4 5.3 7.9#
236 29.6 21.8 32.8



#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.442 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:244 Resp: 3470
Ion Ratio Lower Upper
244 100
212 10.6 7.3 10.9
122 11.0 7.3 10.9#

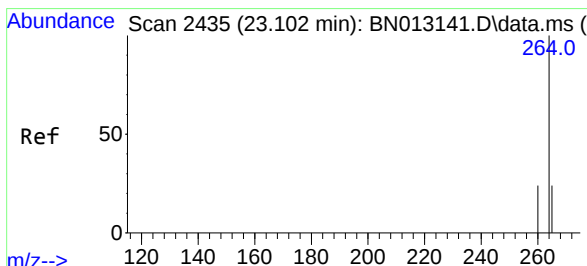
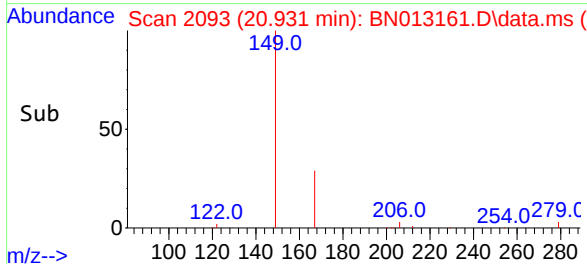
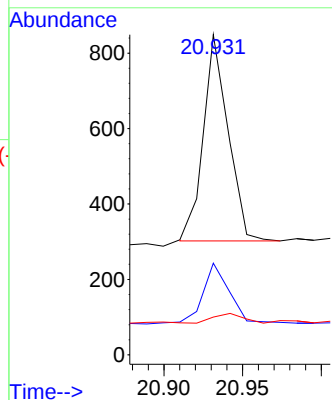
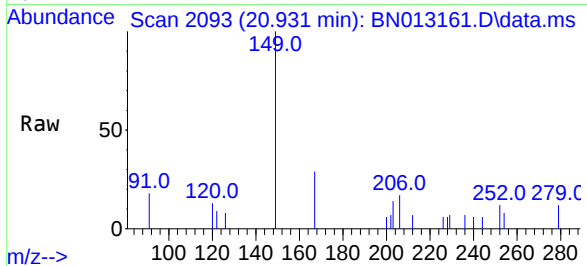




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Instrument :
BNA_N
ClientSampleId :
RE134D4-20201208

Tgt Ion:	149	Resp:	599
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.2	34.8
279	5.7	3.9	5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.102 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BN013161.D
Acq: 16 Dec 2020 10:07

Tgt Ion:	264	Resp:	3428
Ion	Ratio	Lower	Upper
264	100		
260	27.5	19.8	29.6
265	90.9	51.4	77.0#

