

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013154.D
 Acq On : 16 Dec 2020 05:56
 Operator : CG/JU
 Sample : L4996-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20201207

Quant Time: Dec 16 06:42:47 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)

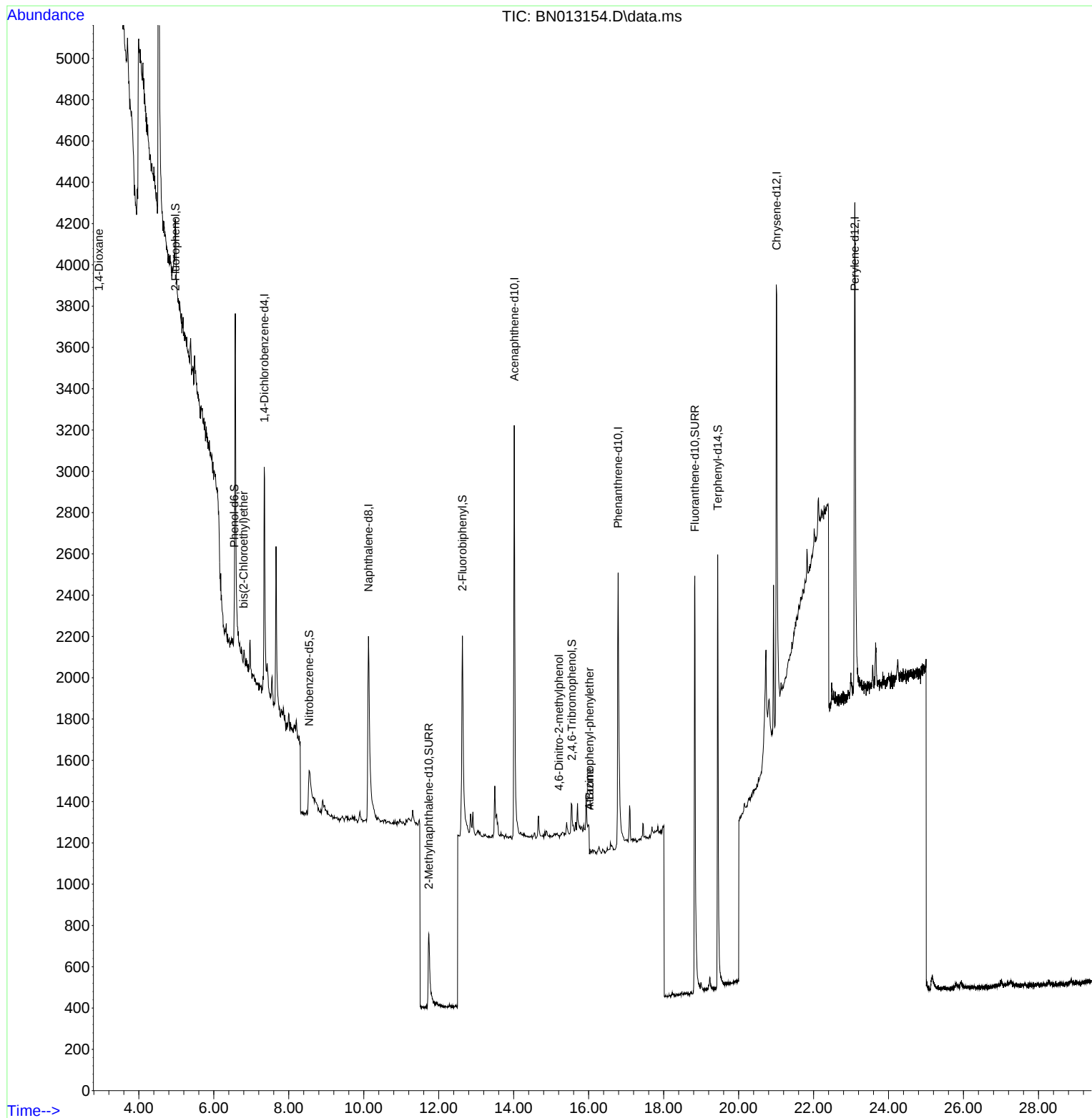
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	731	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2343	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1484	0.40	ng	0.00
19) Phenanthrene-d10	16.788	188	3244	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	3367	0.40	ng	# 0.01
36) Perylene-d12	23.099	264	3899	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	314	0.10	ng	0.00
5) Phenol-d6	6.549	99	168	0.06	ng	0.00
8) Nitrobenzene-d5	8.540	82	534	0.22	ng	0.03
11) 2-Methylnaphthalene-d10	11.733	152	1024	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.551	330	193	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1515	0.24	ng	0.00
27) Fluoranthene-d10	18.831	212	3565	0.33	ng	0.00
31) Terphenyl-d14	19.442	244	3082	0.36	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.933	88	6105	4.79	ng	93
6) bis(2-Chloroethyl)ether	6.798	93	42	0.02	ng	# 66
20) 4,6-Dinitro-2-methylph...	15.209	198	3	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	136	0.21	ng	# 76
23) Atrazine	16.021	200	170	0.09	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.931	149	568	Below	Cal	# 95

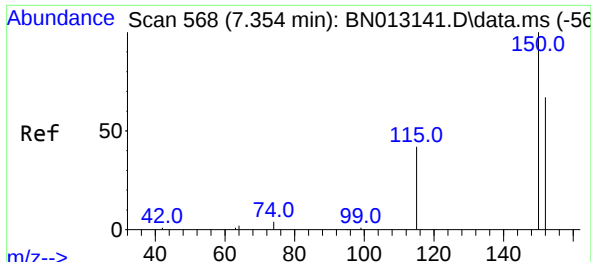
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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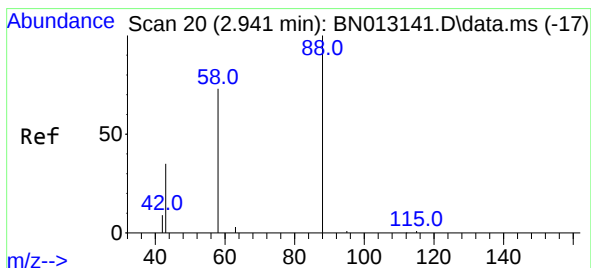
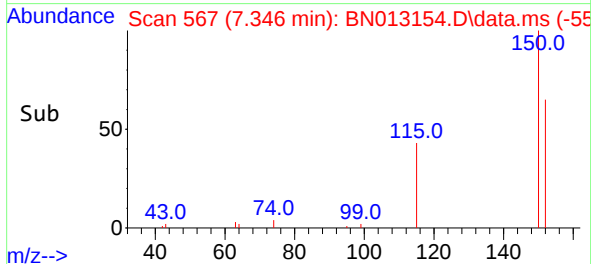
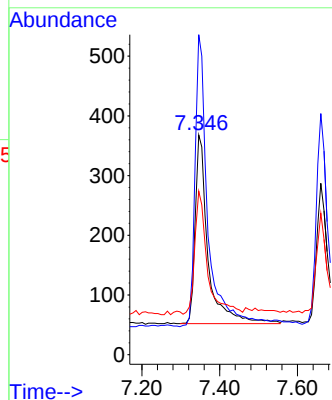
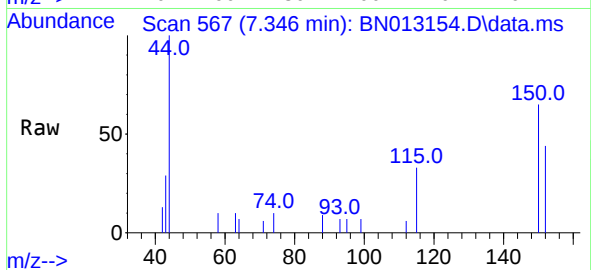




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

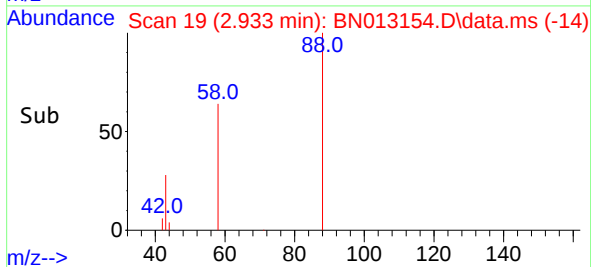
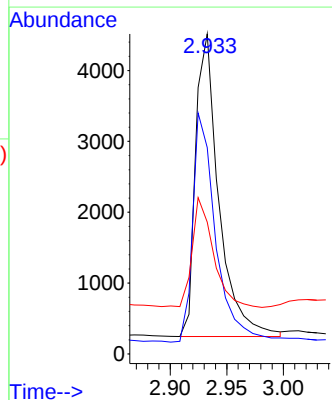
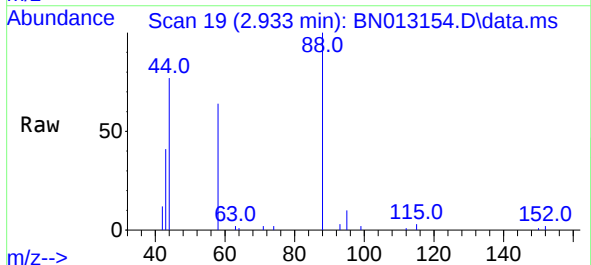
Instrument :
BNA_N
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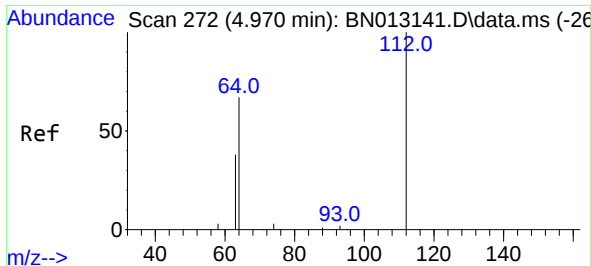
Tgt Ion:152 Resp: 731
Ion Ratio Lower Upper
152 100
150 145.7 116.6 174.8
115 74.5 52.9 79.3



#2
1,4-Dioxane
Concen: 4.79 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.008 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

Tgt Ion: 88 Resp: 6105
Ion Ratio Lower Upper
88 100
58 77.2 59.4 89.2
43 32.8 32.3 48.5

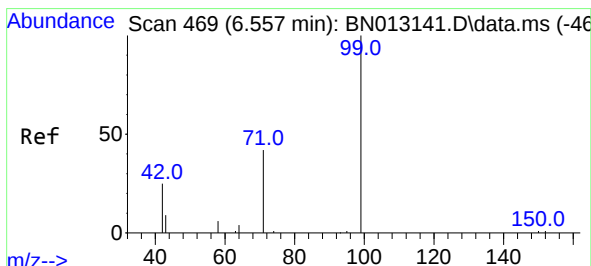
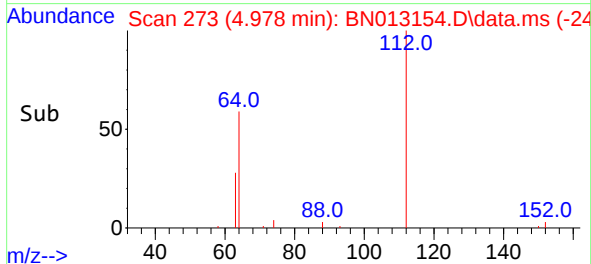
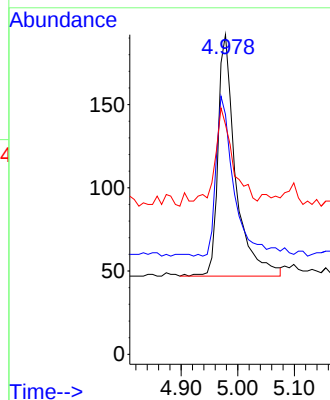
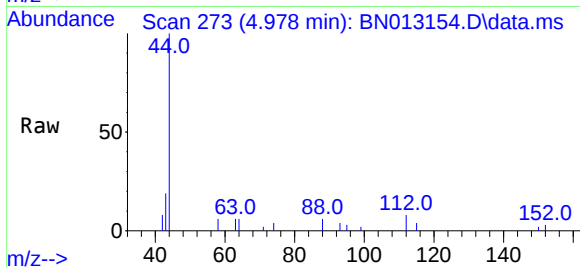




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

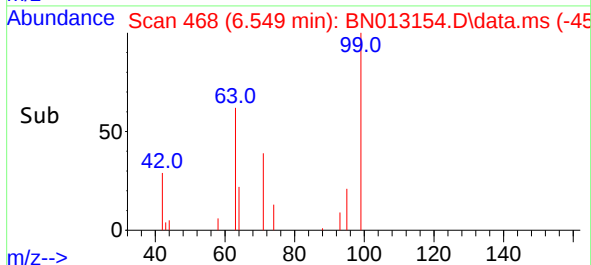
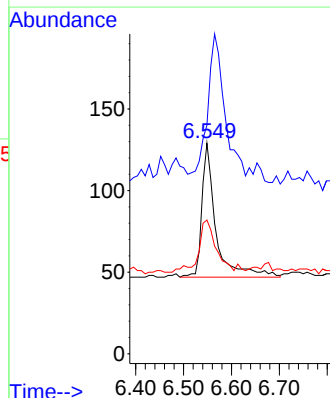
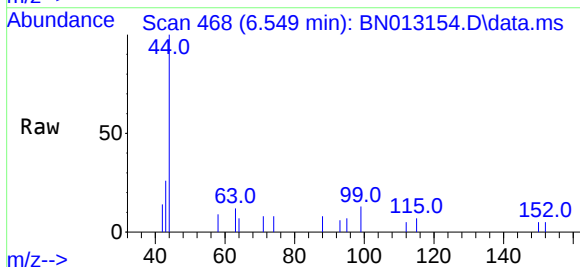
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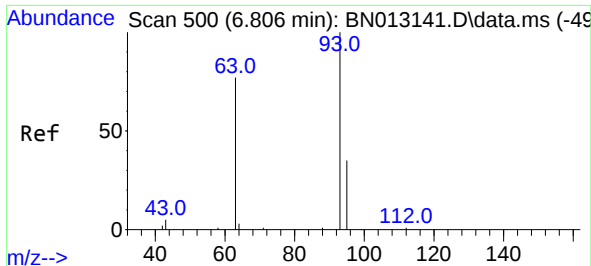
Tgt Ion:	112	Resp:	314
Ion	Ratio	Lower	Upper
112	100		
64	68.8	49.5	74.3
63	40.4	32.0	48.0



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.549 min Scan# 468
Delta R.T. -0.008 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

Tgt Ion:	99	Resp:	168
Ion	Ratio	Lower	Upper
99	100		
42	131.5	22.4	33.6
71	47.6	37.8	56.6

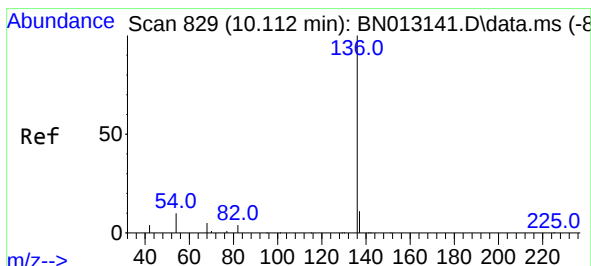
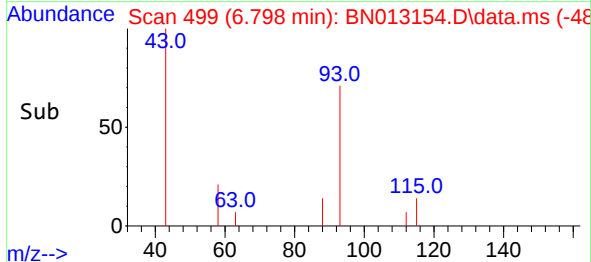
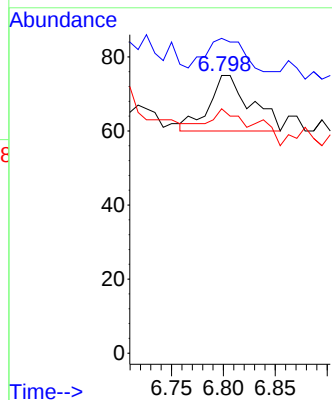
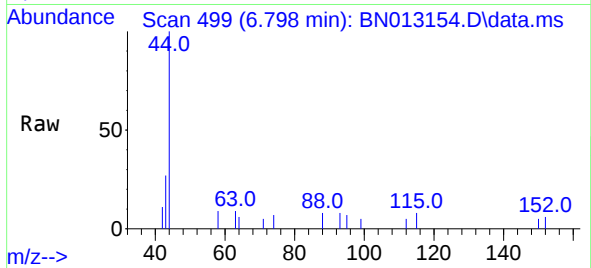




#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 6.798 min Scan# 499
Delta R.T. -0.008 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

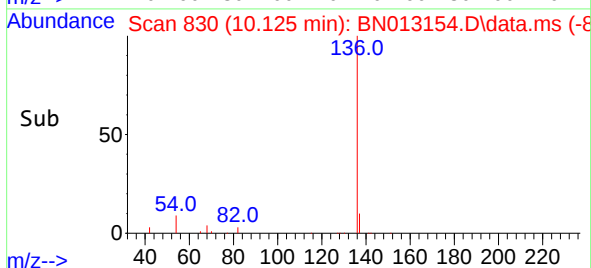
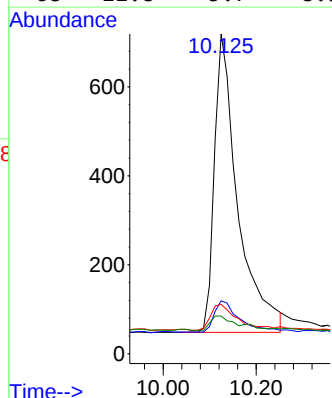
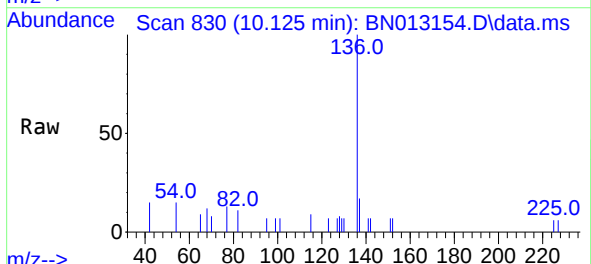
Instrument :
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ClientSampleId :
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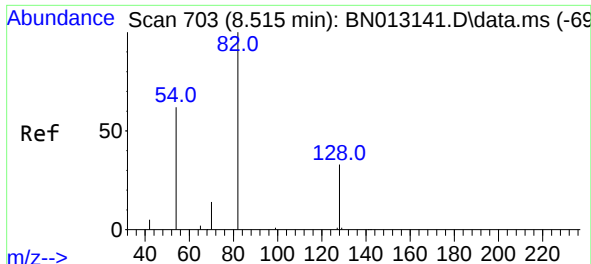
Tgt Ion: 93 Resp: 42
Ion Ratio Lower Upper
93 100
63 57.1 63.1 94.7#
95 64.3 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

Tgt Ion: 136 Resp: 2343
Ion Ratio Lower Upper
136 100
137 16.6 10.6 15.8#
54 15.4 8.6 12.8#
68 11.8 5.7 8.5#

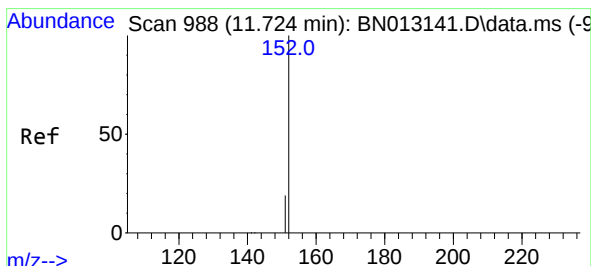
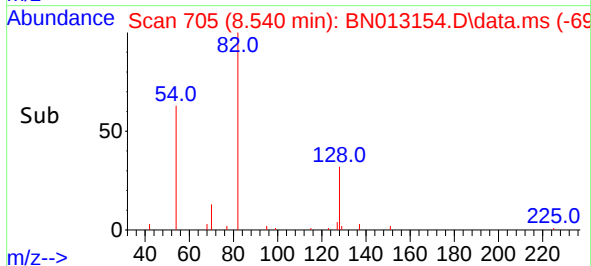
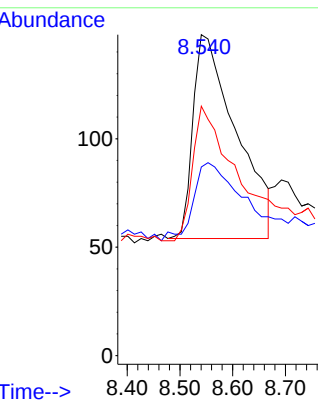
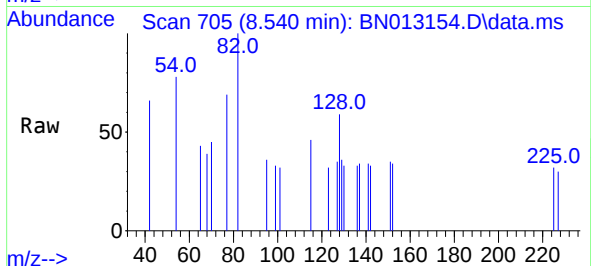




#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.025 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

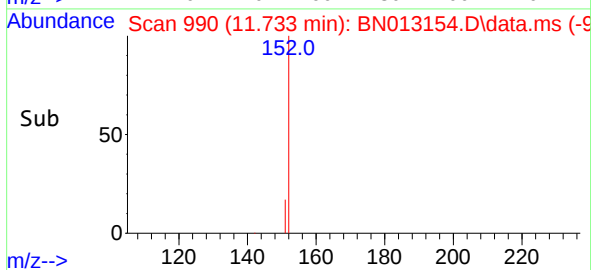
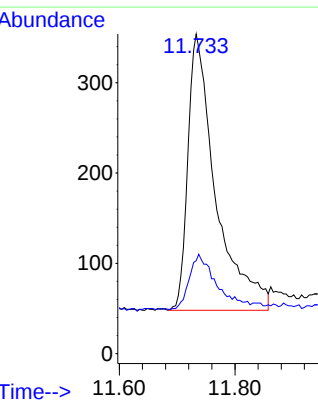
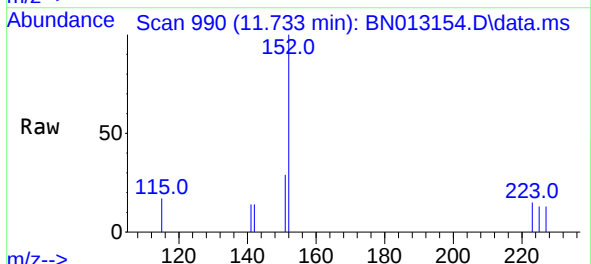
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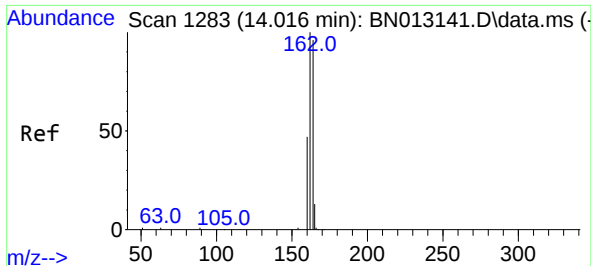
Tgt Ion:	82	Resp:	534
Ion	Ratio	Lower	Upper
82	100		
128	58.8	30.6	46.0#
54	77.7	48.3	72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.009 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

Tgt Ion:	152	Resp:	1024
Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.7	25.1

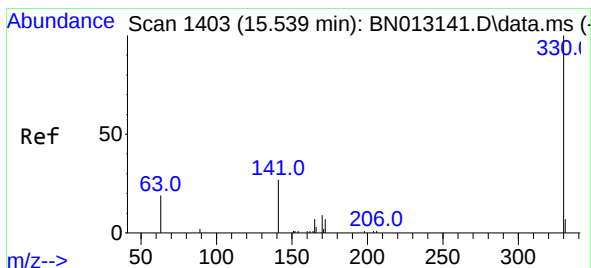
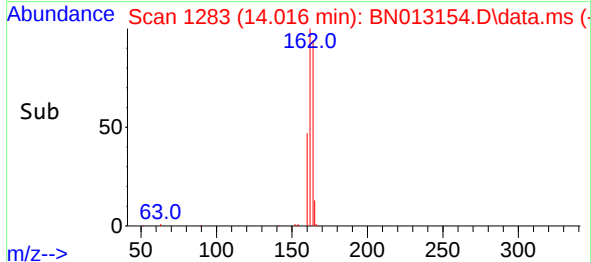
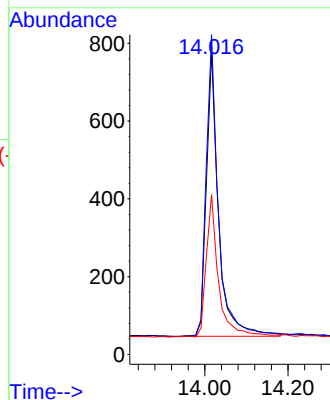
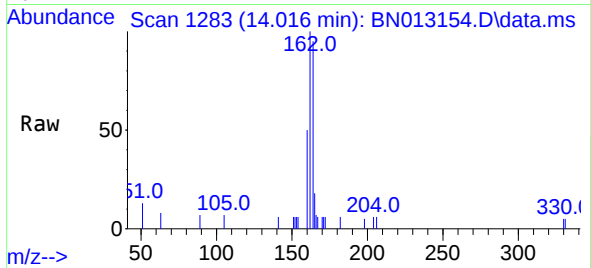




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

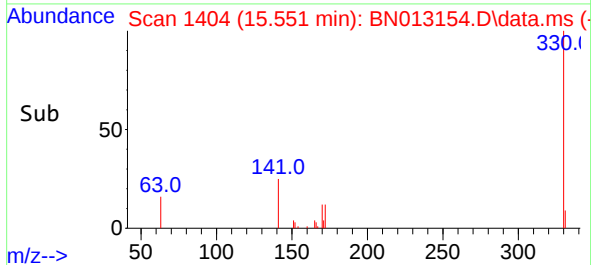
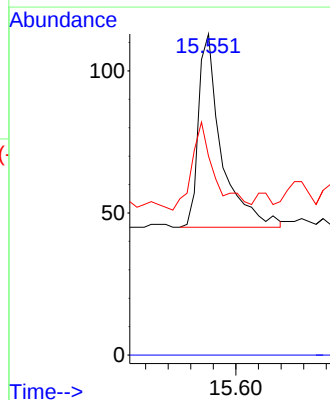
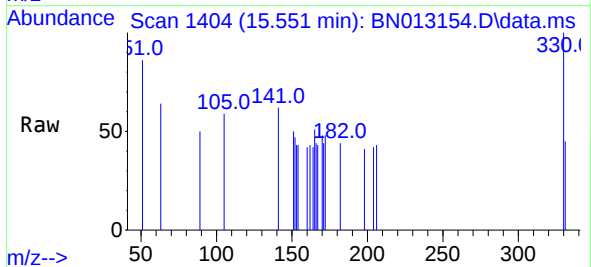
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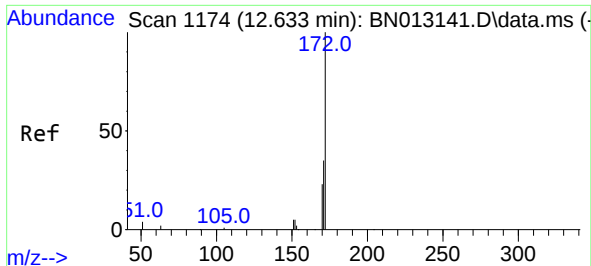
Tgt Ion:164 Resp: 1484
Ion Ratio Lower Upper
164 100
162 105.7 80.6 120.8
160 52.8 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

Tgt Ion:330 Resp: 193
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.1 34.4 51.6

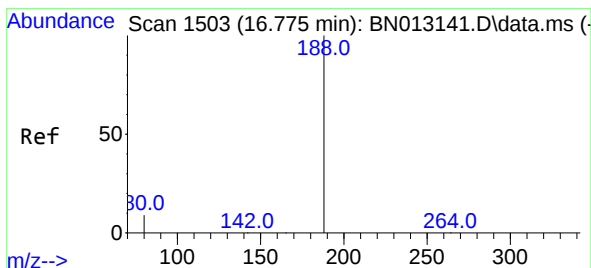
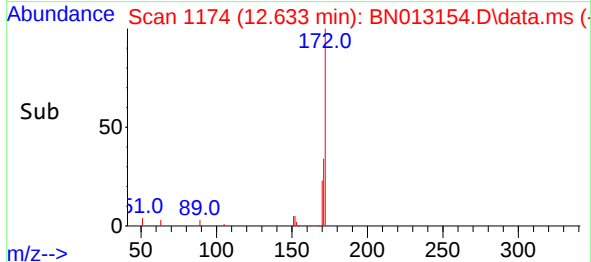
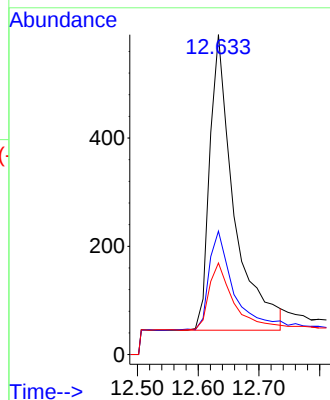
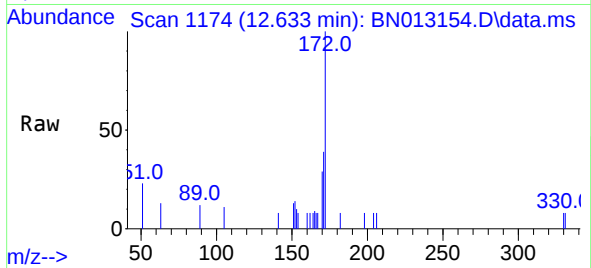




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.633 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

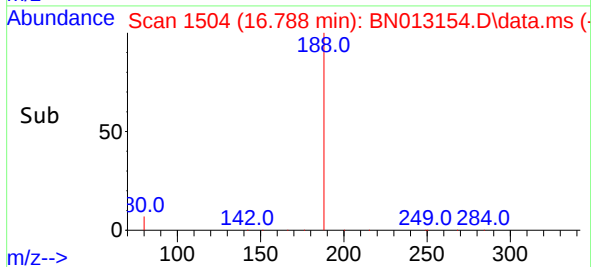
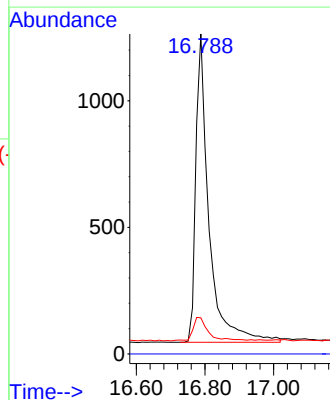
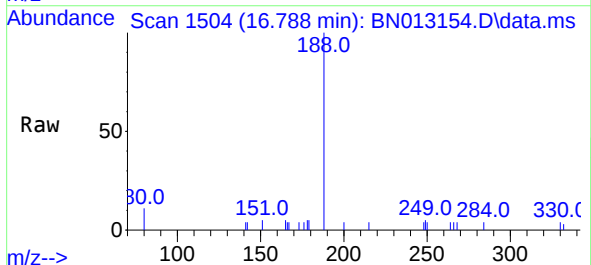
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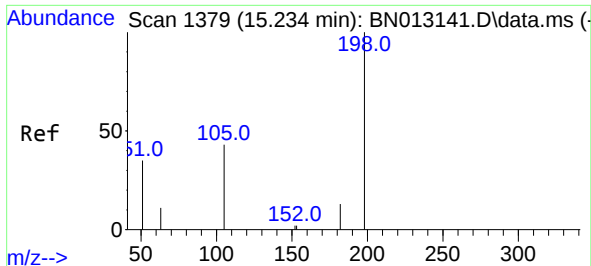
Tgt Ion:	172	Resp:	1515
Ion	Ratio	Lower	Upper
172	100		
171	38.6	28.2	42.4
170	28.6	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.013 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

Tgt Ion:	188	Resp:	3244
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	5.0	7.4

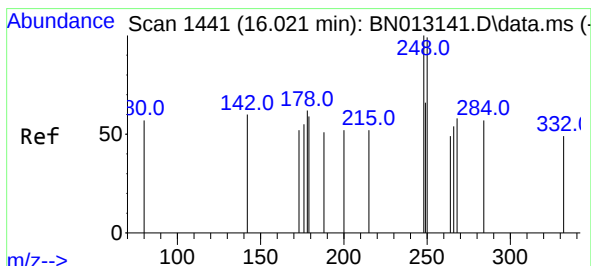
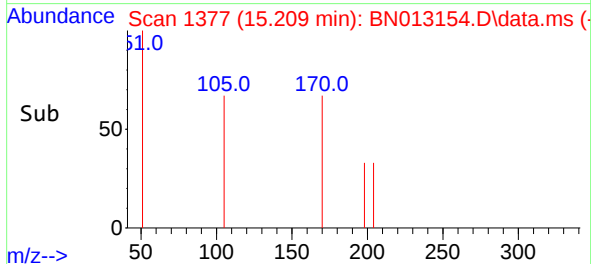
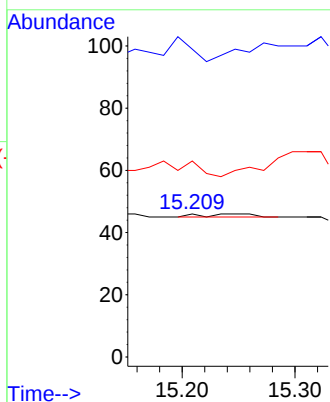
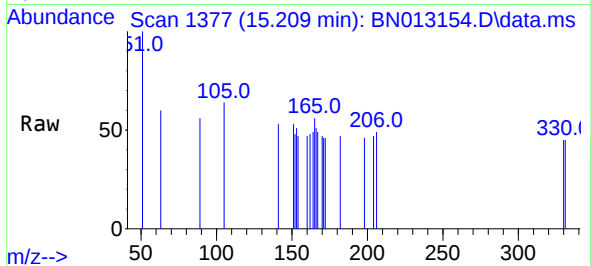




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.209 min Scan# 1377
Delta R.T. -0.025 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

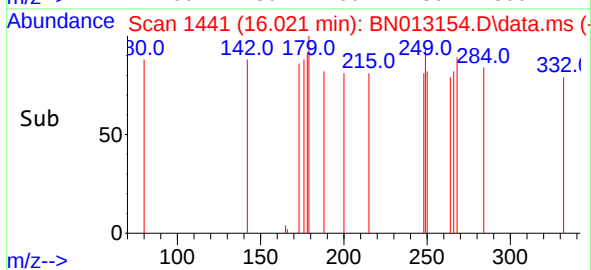
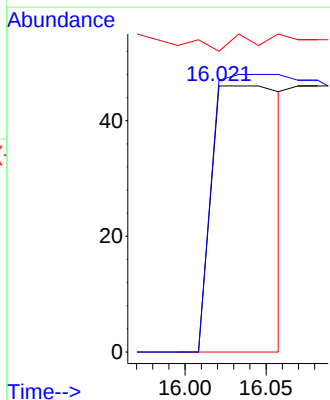
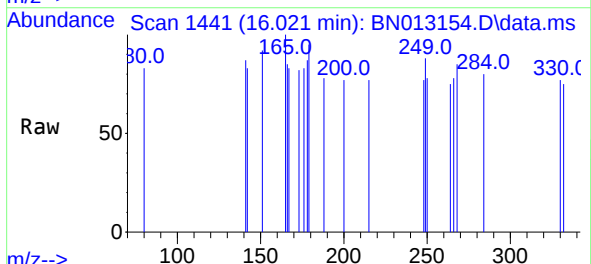
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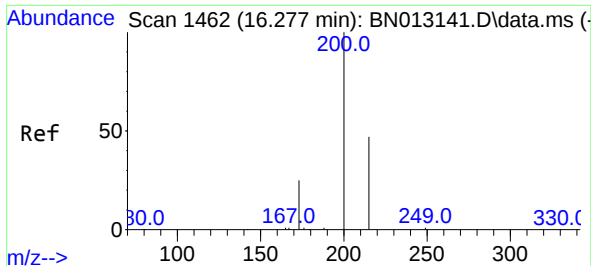
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 215.2 43.5 65.3#
105 137.0 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.21 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

Tgt Ion:248 Resp: 136
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 113.0 57.8 86.8#

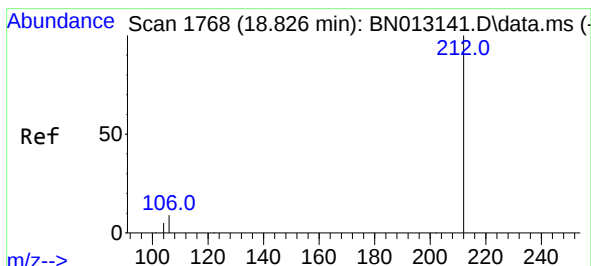
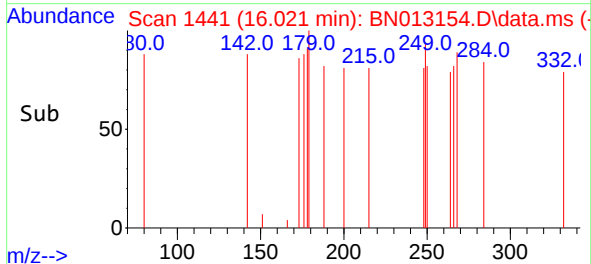
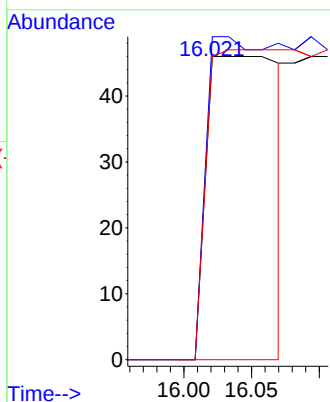
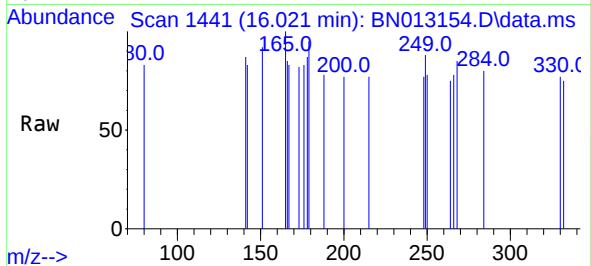




#23
Atrazine
Concen: 0.09 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.256 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

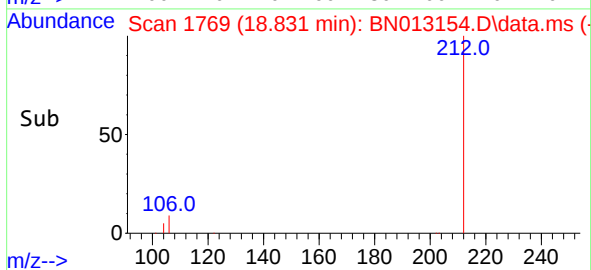
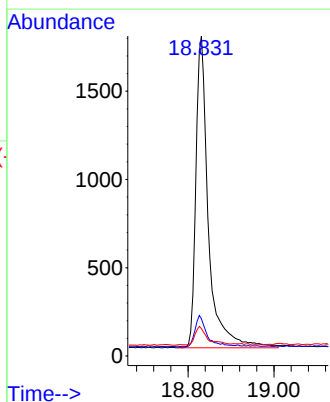
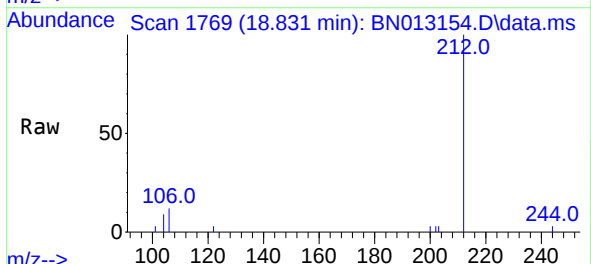
Instrument :
BNA_N
ClientSampleId :
RE132D4-20201207

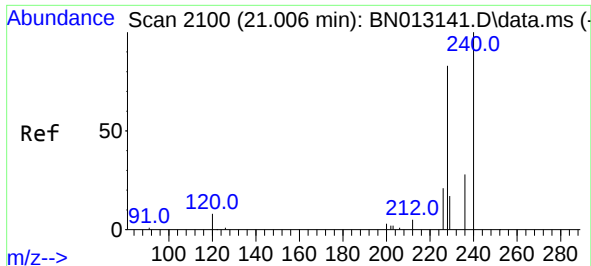
Tgt Ion:200 Resp: 170
Ion Ratio Lower Upper
200 100
173 106.5 22.8 34.2#
215 100.0 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

Tgt Ion:212 Resp: 3565
Ion Ratio Lower Upper
212 100
106 9.3 6.8 10.2
104 5.8 4.1 6.1

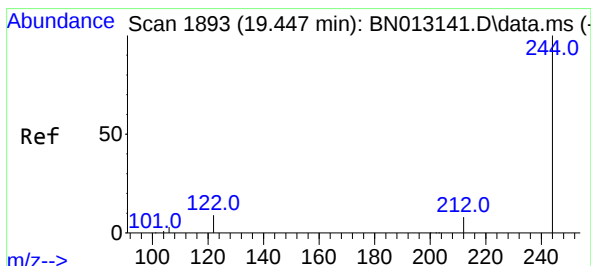
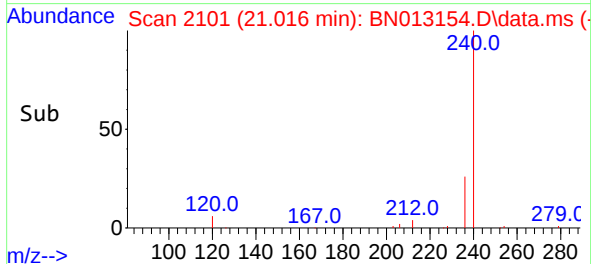
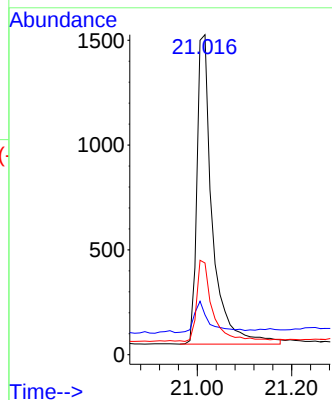
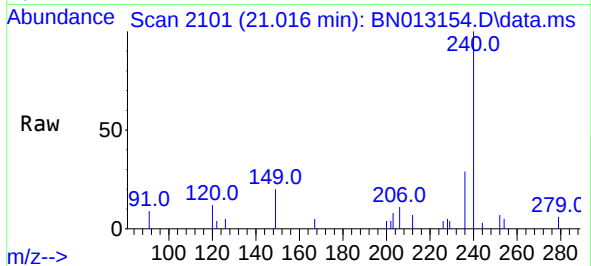




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

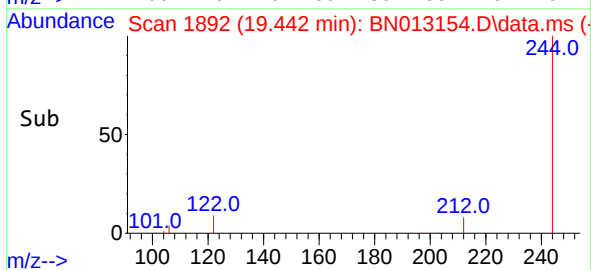
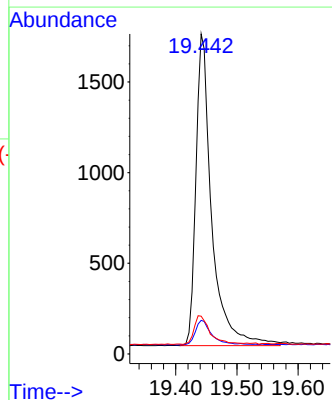
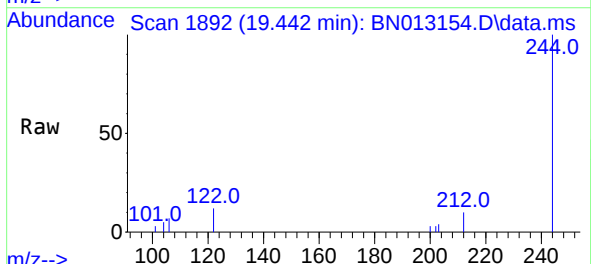
Instrument :
BNA_N
ClientSampleId :
RE132D4-20201207

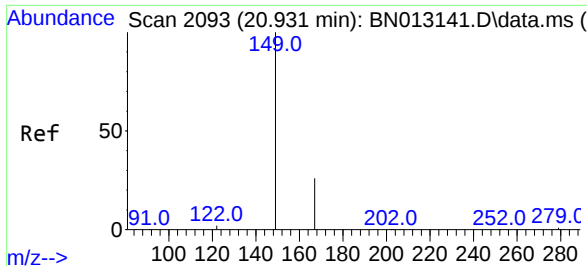
Tgt Ion:240 Resp: 3367
Ion Ratio Lower Upper
240 100
120 12.4 5.3 7.9#
236 28.6 21.8 32.8



#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.442 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

Tgt Ion:244 Resp: 3082
Ion Ratio Lower Upper
244 100
212 10.5 7.3 10.9
122 11.8 7.3 10.9#

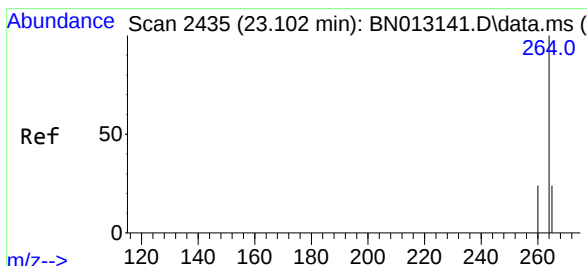
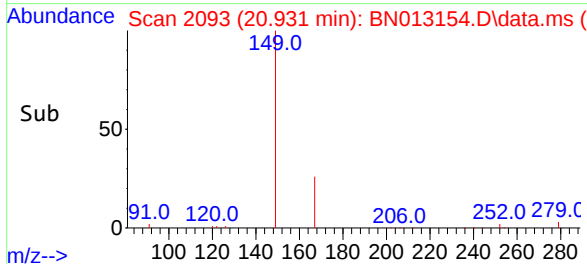
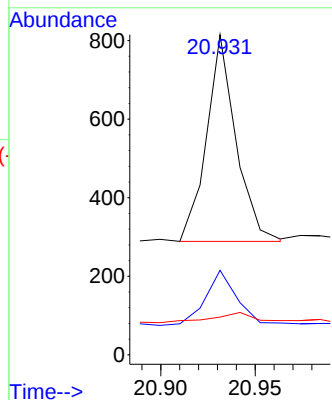
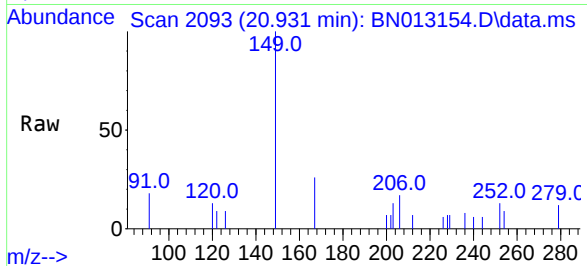




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

Instrument :
BNA_N
ClientSampleId :
RE132D4-20201207

Tgt Ion:149 Resp: 568
Ion Ratio Lower Upper
149 100
167 26.4 23.2 34.8
279 3.7 3.9 5.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.099 min Scan# 2434
Delta R.T. -0.003 min
Lab File: BN013154.D
Acq: 16 Dec 2020 05:56

Tgt Ion:264 Resp: 3899
Ion Ratio Lower Upper
264 100
260 26.7 19.8 29.6
265 83.3 51.4 77.0#

