

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013175.D
 Acq On : 16 Dec 2020 20:56
 Operator : CG/JU
 Sample : L5053-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20201209

Quant Time: Dec 17 03:07:53 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)

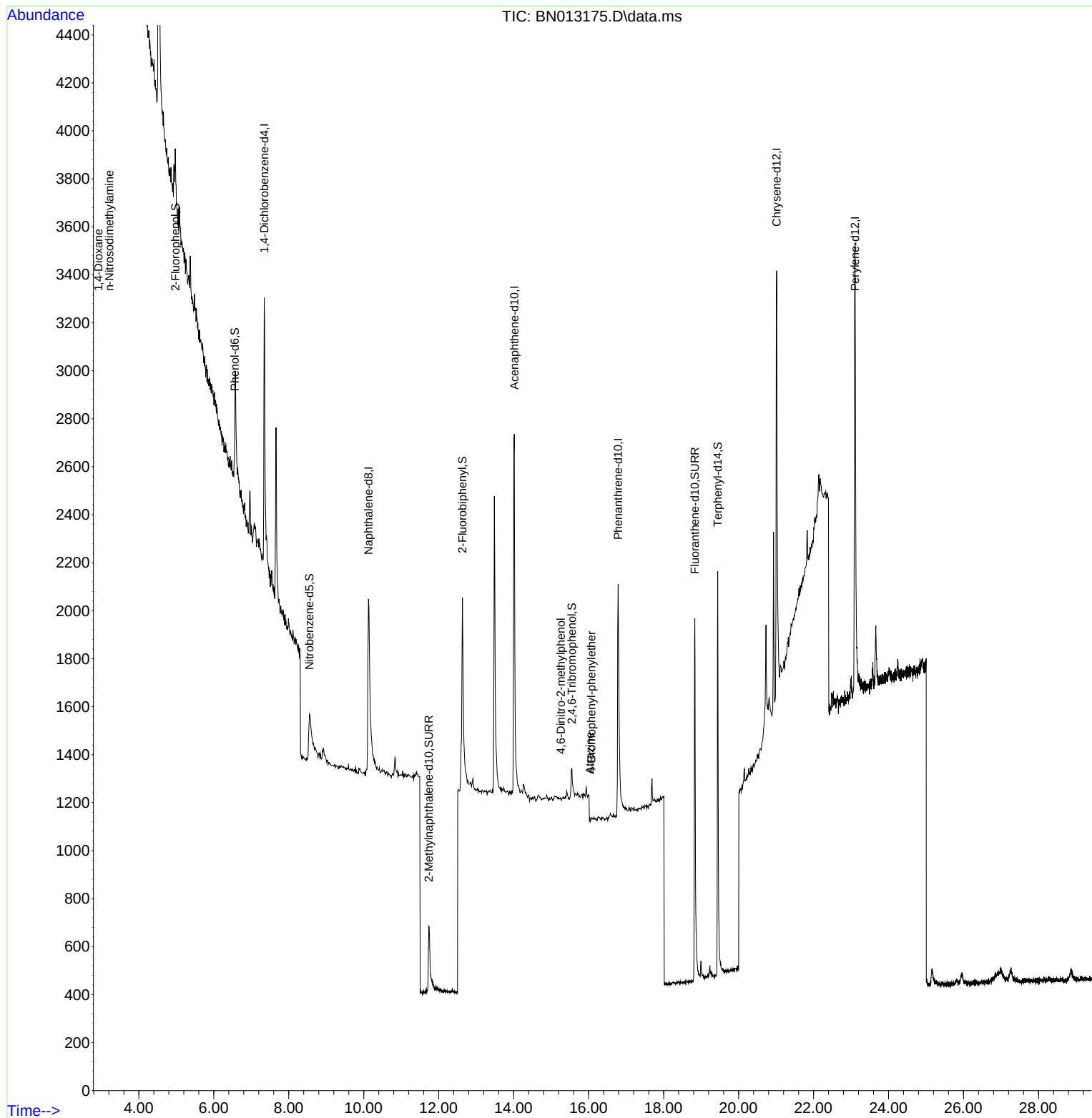
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	714	0.40	ng	0.00
7) Naphthalene-d8	10.124	136	2109	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1291	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2597	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	2765	0.40	ng	# 0.01
36) Perylene-d12	23.102	264	3178	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	216	0.07	ng	0.00
5) Phenol-d6	6.556	99	120	0.04	ng	0.00
8) Nitrobenzene-d5	8.553	82	477	0.22	ng	0.04
11) 2-Methylnaphthalene-d10	11.737	152	841	0.23	ng	0.01
14) 2,4,6-Tribromophenol	15.551	330	155	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1200	0.22	ng	0.00
27) Fluoranthene-d10	18.831	212	2639	0.31	ng	0.00
31) Terphenyl-d14	19.441	244	2375	0.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.924	88	5981	4.80	ng	98
3) n-Nitrosodimethylamine	3.214	42	92	0.04	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.259	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.069	248	200	0.39	ng	# 78
23) Atrazine	16.033	200	101	0.07	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.931	149	587	Below	Cal	99

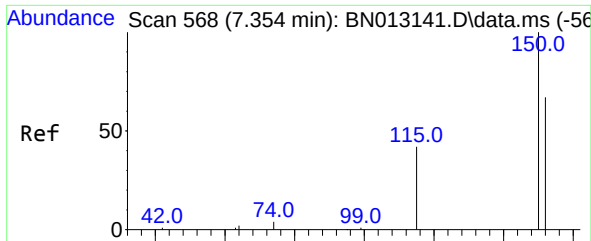
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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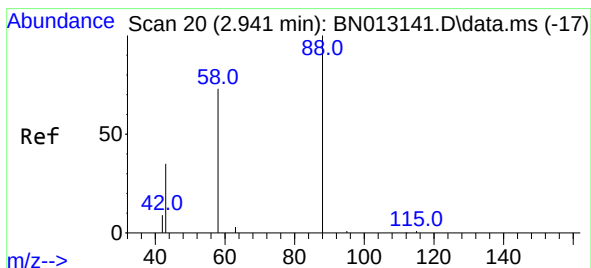
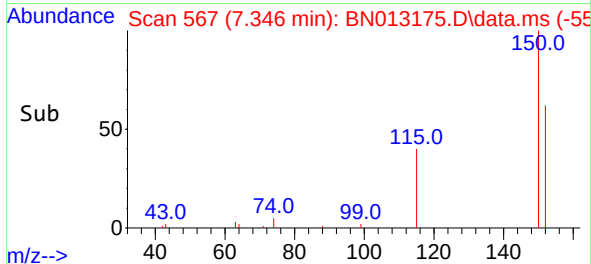
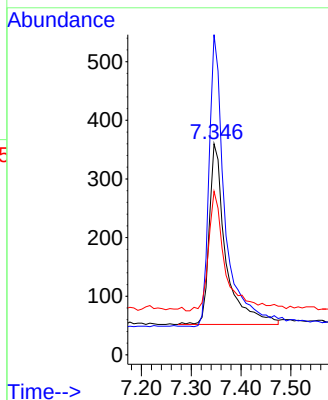
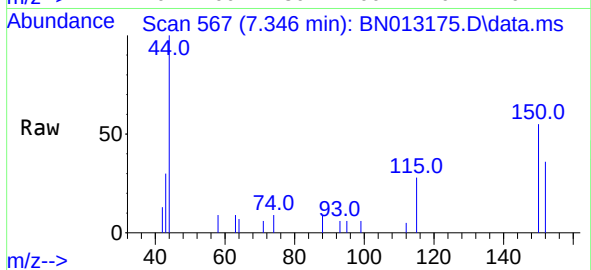


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Instrument :
BNA_N
ClientSampleId :
RE103D1-20201209

Tgt Ion: 152 Resp: 714

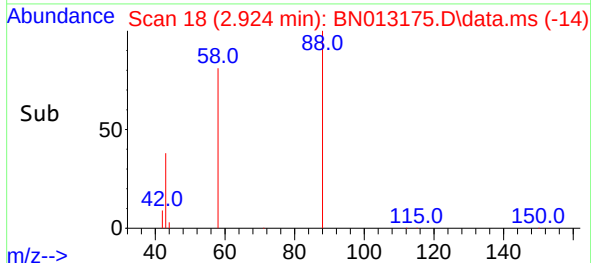
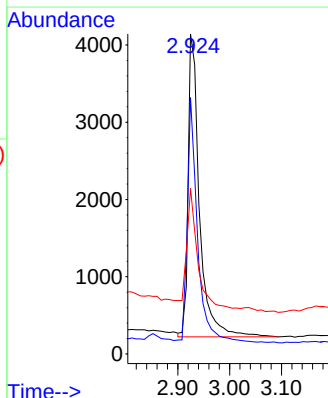
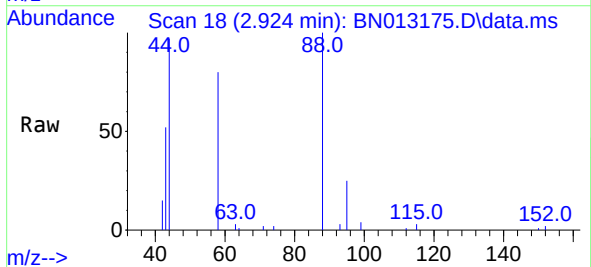
Ion	Ratio	Lower	Upper
152	100		
150	151.7	116.6	174.8
115	77.5	52.9	79.3

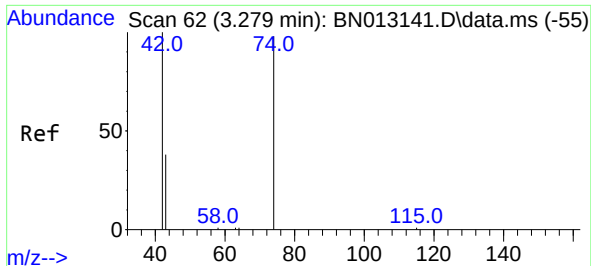


#2
1,4-Dioxane
Concen: 4.80 ng
RT: 2.924 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion: 88 Resp: 5981

Ion	Ratio	Lower	Upper
88	100		
58	73.7	59.4	89.2
43	37.1	32.3	48.5

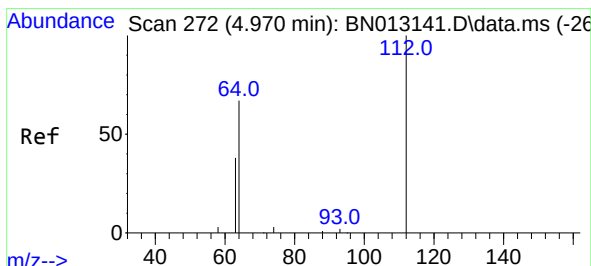
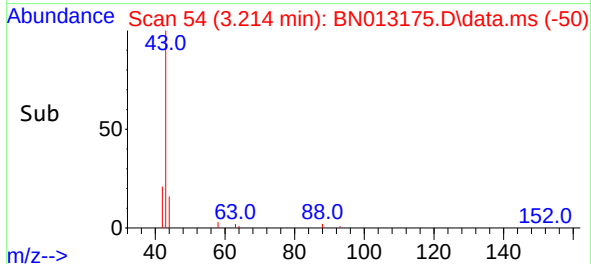
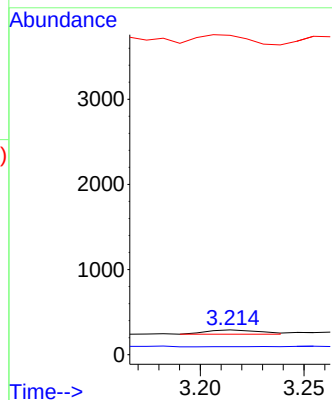
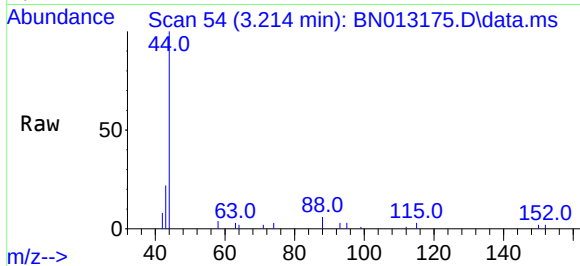




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.214 min Scan# 54
Delta R.T. -0.065 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

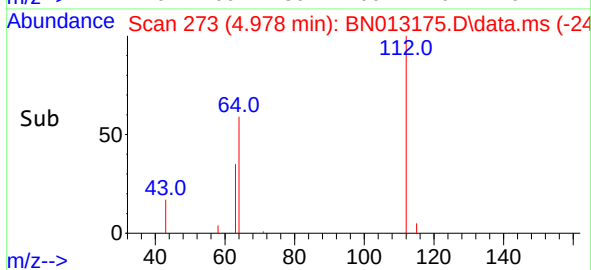
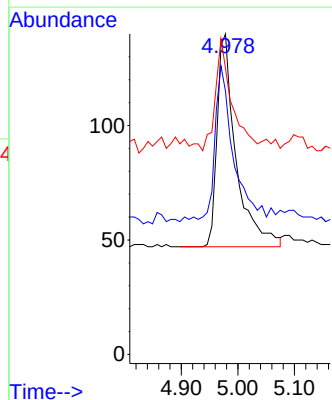
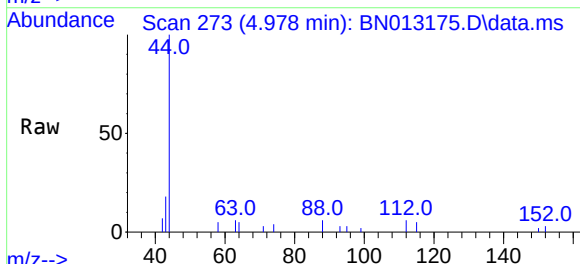
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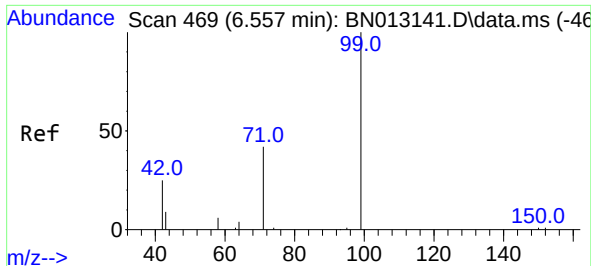
Tgt Ion: 42 Resp: 92
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 213.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.07 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion: 112 Resp: 216
Ion Ratio Lower Upper
112 100
64 72.7 49.5 74.3
63 45.8 32.0 48.0

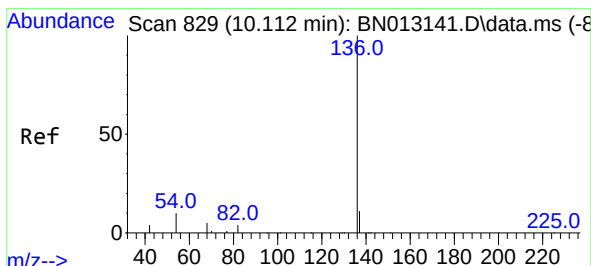
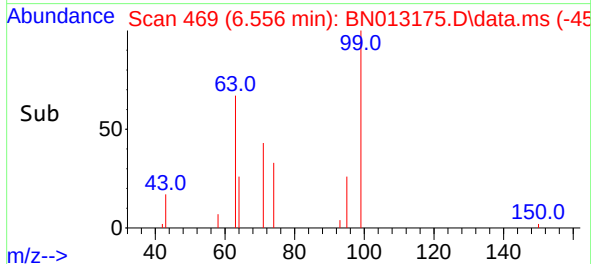
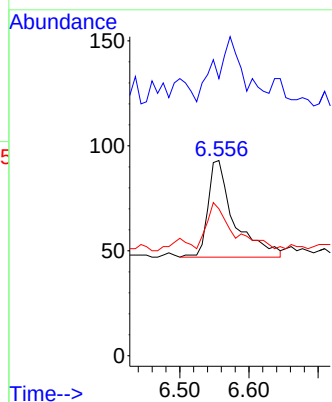
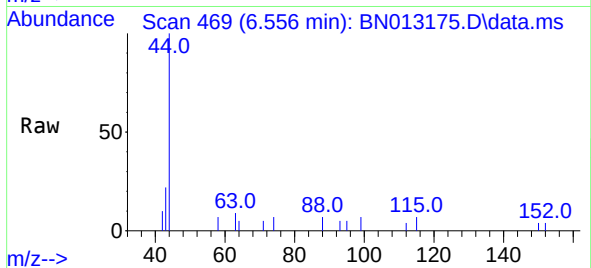




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.556 min Scan# 469
Delta R.T. -0.000 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

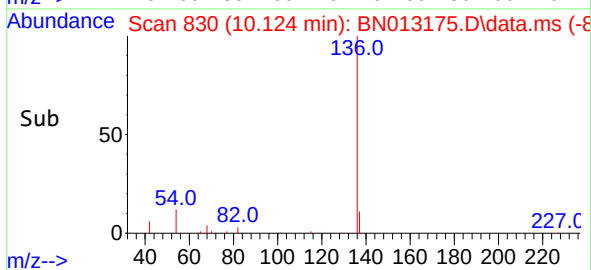
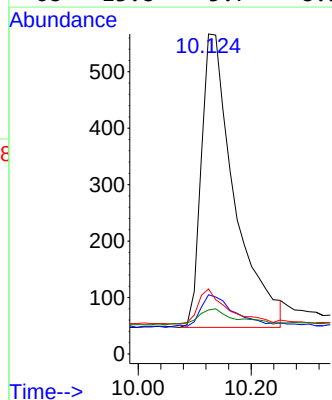
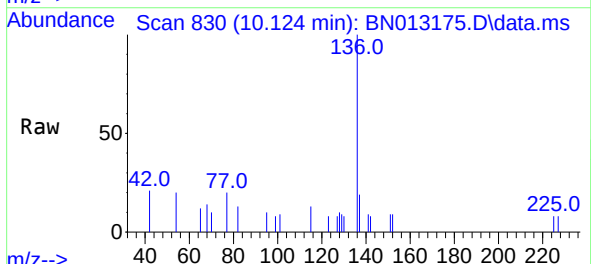
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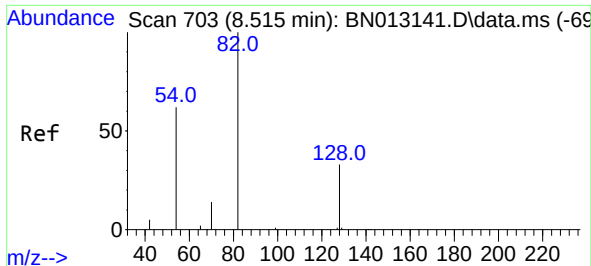
Tgt Ion: 99 Resp: 120
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 46.7 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.124 min Scan# 830
Delta R.T. 0.012 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion:136 Resp: 2109
Ion Ratio Lower Upper
136 100
137 18.5 10.6 15.8#
54 20.3 8.6 12.8#
68 13.8 5.7 8.5#

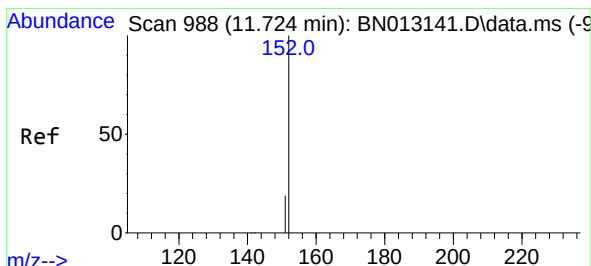
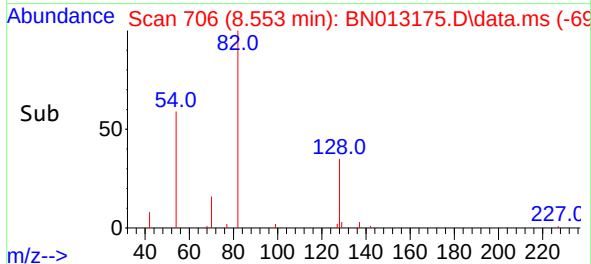
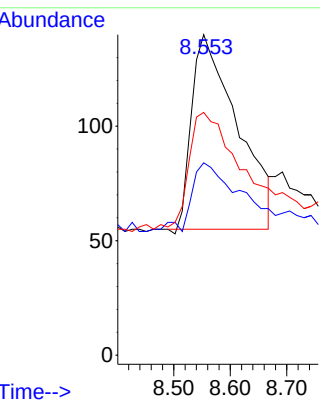
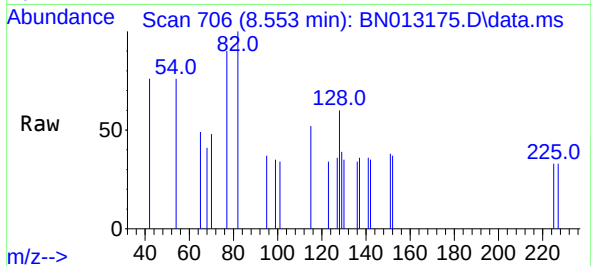




#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

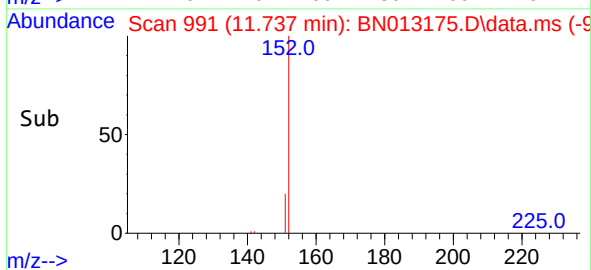
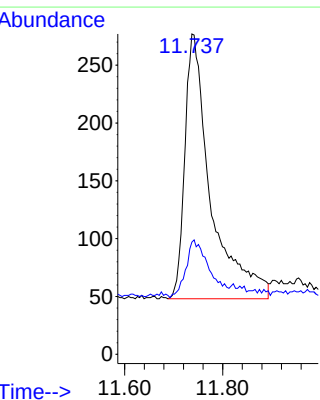
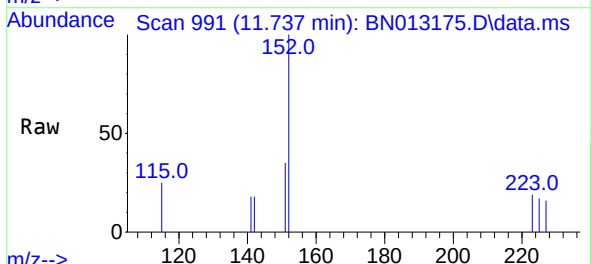
Instrument :
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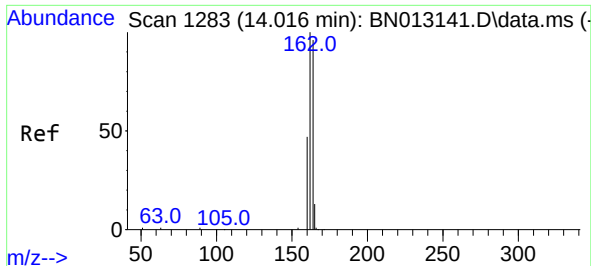
Tgt Ion: 82 Resp: 477
Ion Ratio Lower Upper
82 100
128 60.0 30.6 46.0#
54 75.7 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.737 min Scan# 991
Delta R.T. 0.013 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion: 152 Resp: 841
Ion Ratio Lower Upper
152 100
151 19.6 16.7 25.1



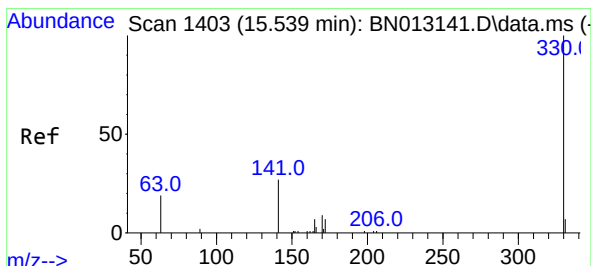
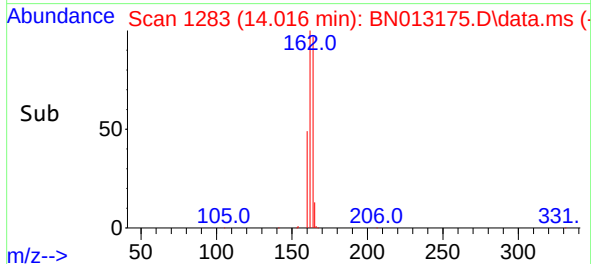
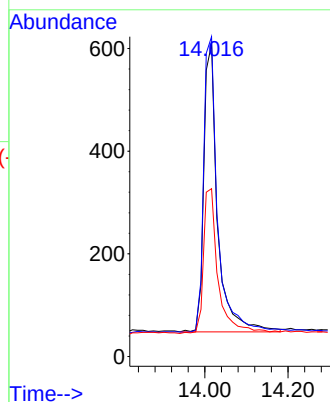
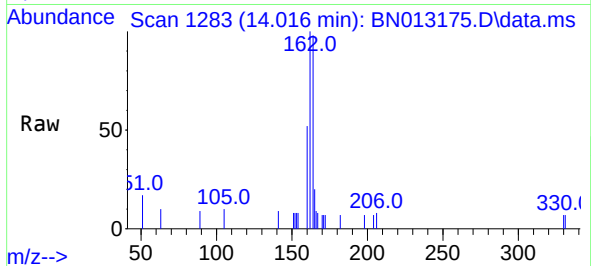


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Instrument :
BNA_N
ClientSampleId :
RE103D1-20201209

Tgt Ion:164 Resp: 1291

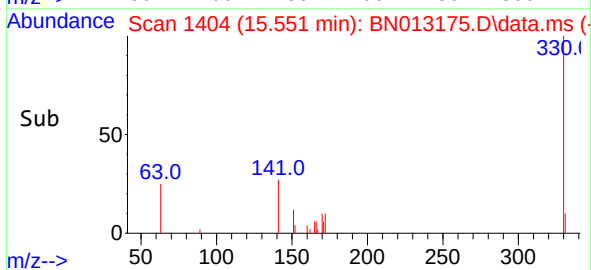
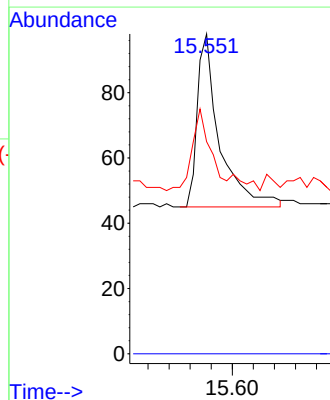
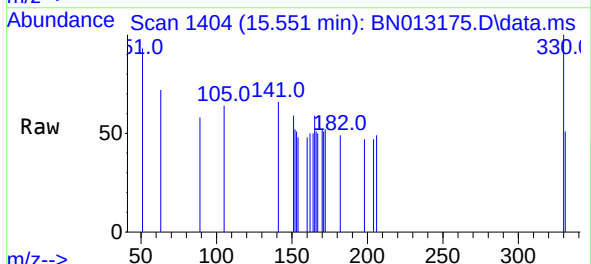
Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	53.7	39.5	59.3

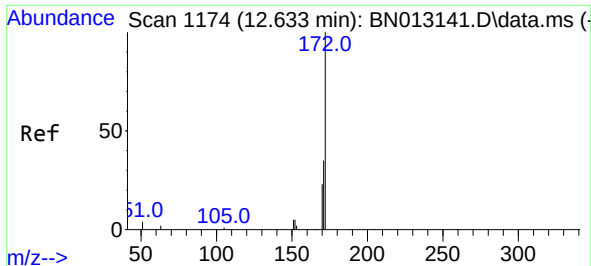


#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion:330 Resp: 155

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.7	34.4	51.6

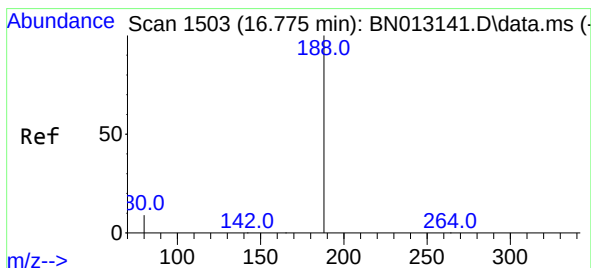
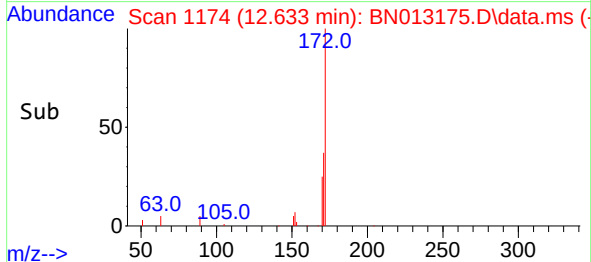
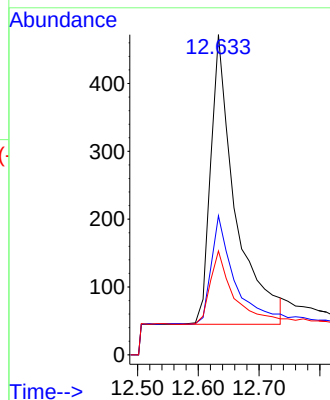
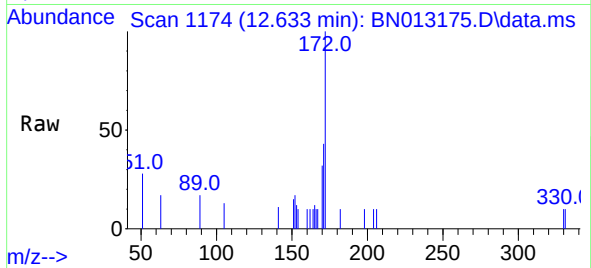




#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.633 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

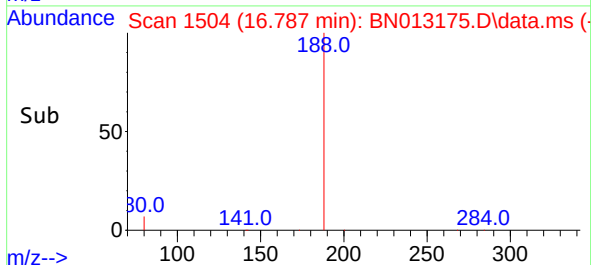
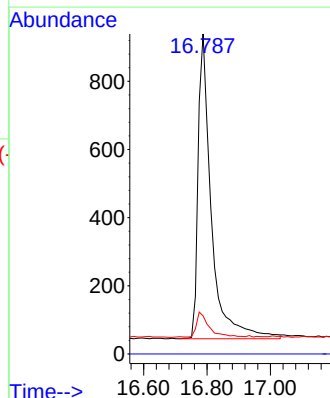
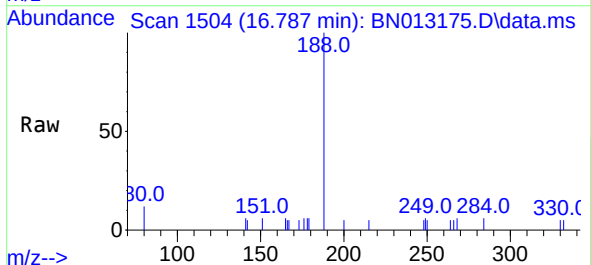
Instrument :
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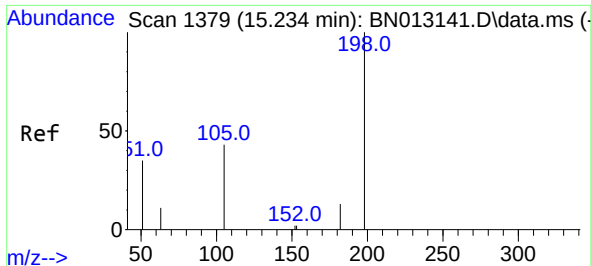
Tgt Ion:	172	Resp:	1200
Ion	Ratio	Lower	Upper
172	100		
171	43.4	28.2	42.4#
170	32.4	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion:	188	Resp:	2597
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	5.0	7.4#

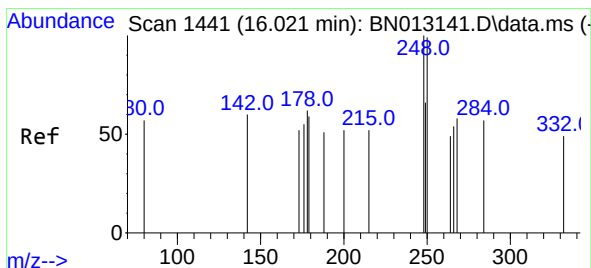
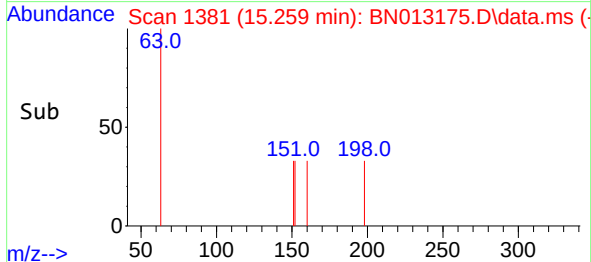
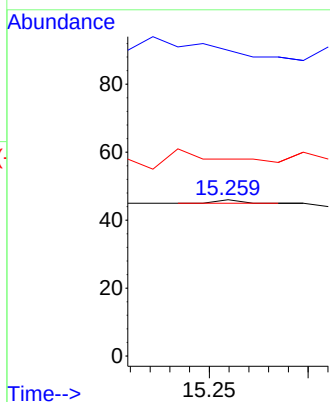
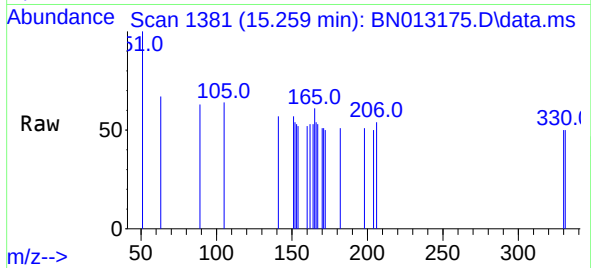




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.259 min Scan# 1381
Delta R.T. 0.025 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

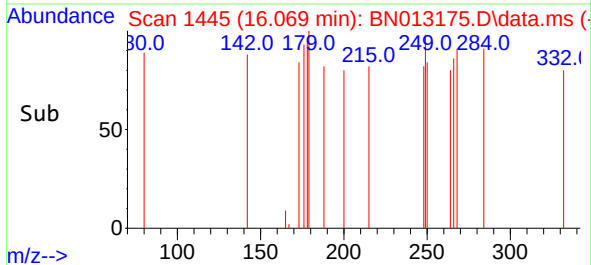
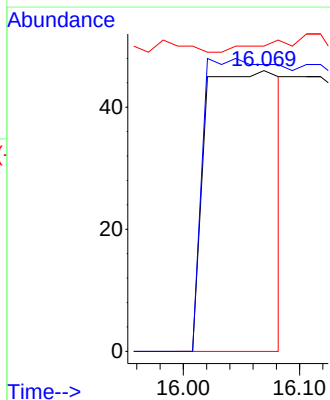
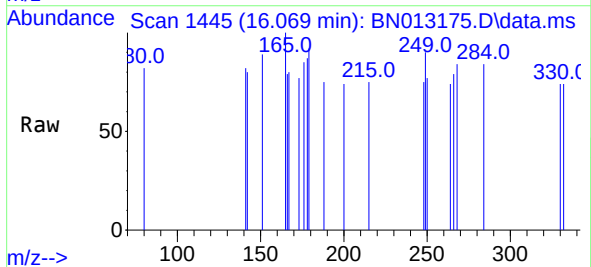
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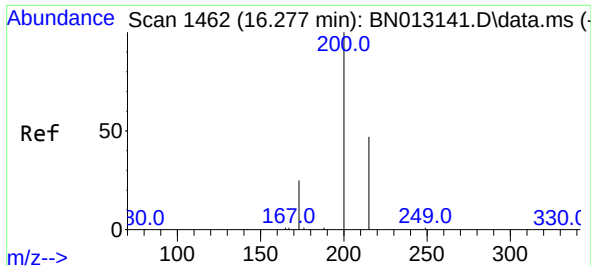
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 195.7 43.5 65.3#
105 126.1 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.069 min Scan# 1445
Delta R.T. 0.048 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

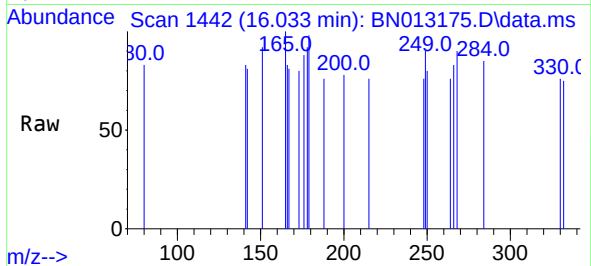
Tgt Ion:248 Resp: 200
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 108.7 57.8 86.8#



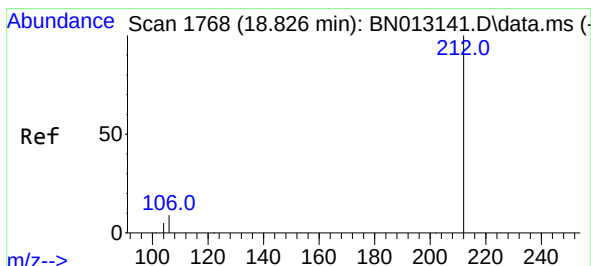
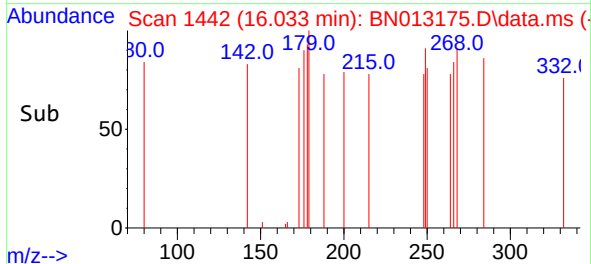
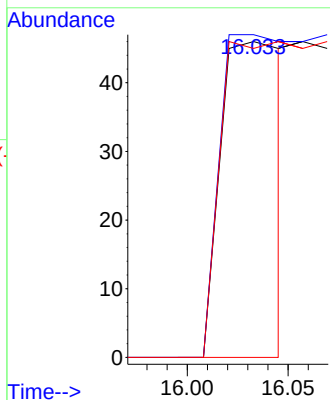


#23
Atrazine
Concen: 0.07 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.244 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Instrument :
BNA_N
ClientSampleId :
RE103D1-20201209

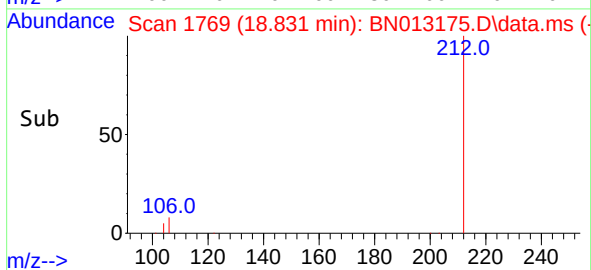
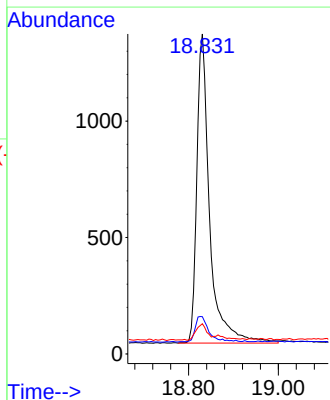
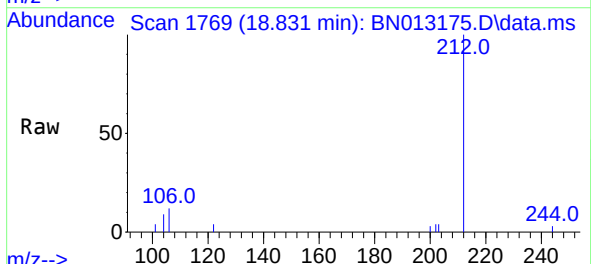


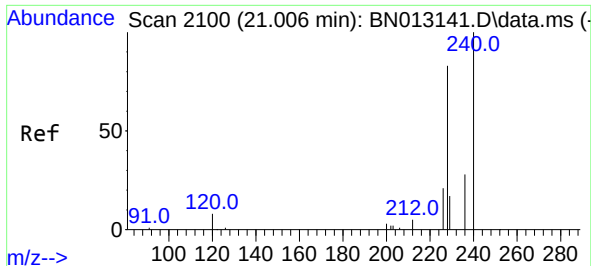
Tgt Ion:200 Resp: 101
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 97.8 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion:212 Resp: 2639
Ion Ratio Lower Upper
212 100
106 8.8 6.8 10.2
104 4.6 4.1 6.1

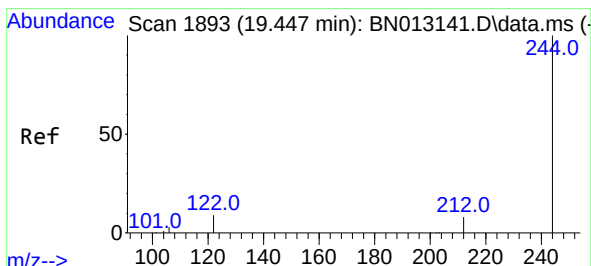
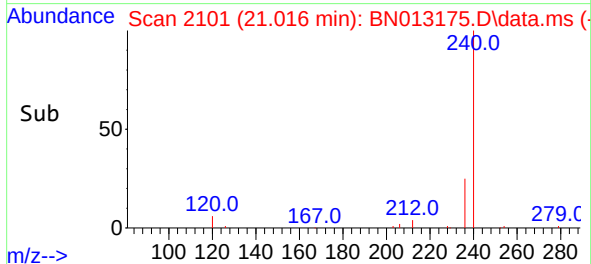
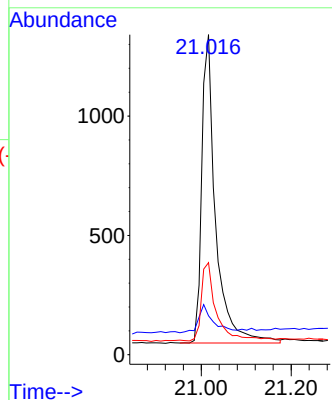
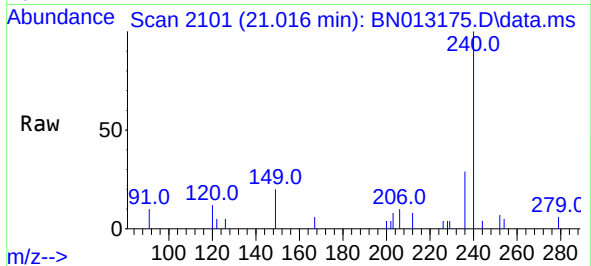




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

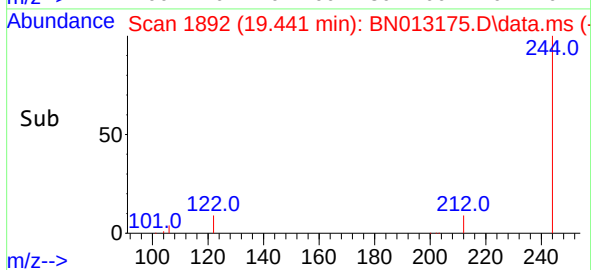
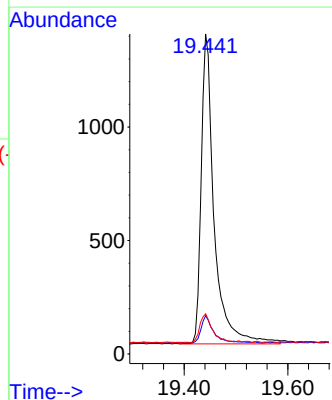
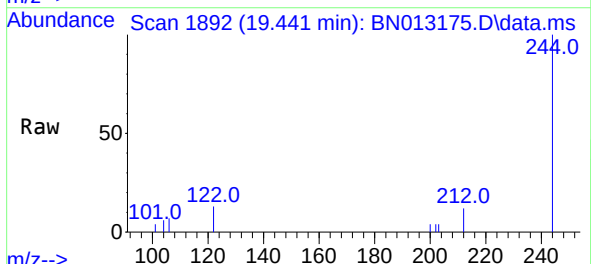
Instrument :
BNA_N
ClientSampleId :
RE103D1-20201209

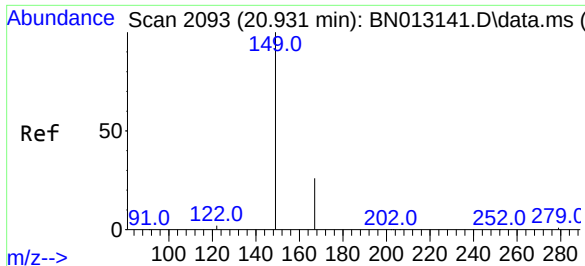
Tgt Ion:240 Resp: 2765
Ion Ratio Lower Upper
240 100
120 12.2 5.3 7.9#
236 28.8 21.8 32.8



#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.441 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion:244 Resp: 2375
Ion Ratio Lower Upper
244 100
212 12.0 7.3 10.9#
122 12.6 7.3 10.9#

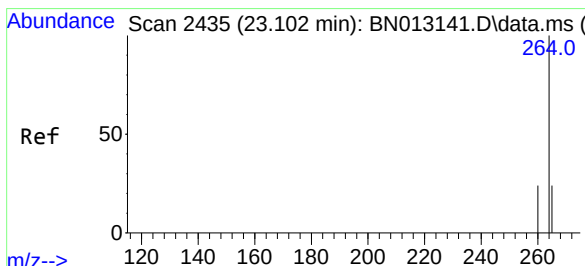
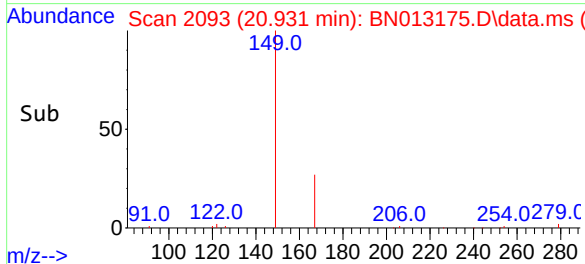
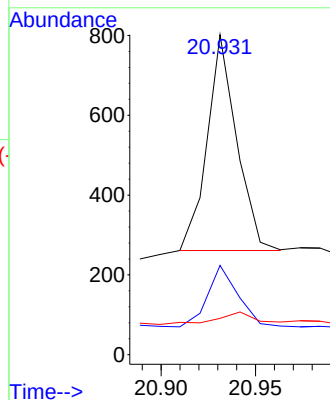
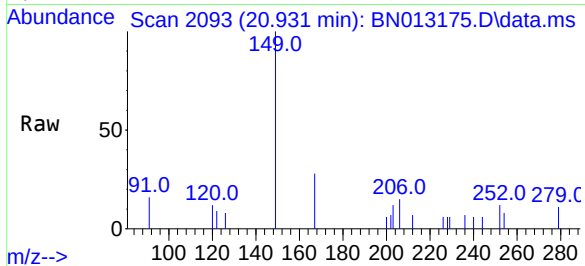




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013175.D
Acq: 16 Dec 2020 20:56

Instrument :
BNA_N
ClientSampleId :
RE103D1-20201209

Tgt Ion:	149	Resp:	587
Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.2	34.8
279	4.8	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: BN013175.D
Acq: 16 Dec 2020 20:56

Tgt Ion:	264	Resp:	3178
Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.8	29.6
265	89.8	51.4	77.0

