

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013202.D
 Acq On : 18 Dec 2020 03:18
 Operator : CG/JU
 Sample : L5053-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20201210

Quant Time: Dec 18 04:25:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 12:34:52 2020
 Response via : Initial Calibration

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

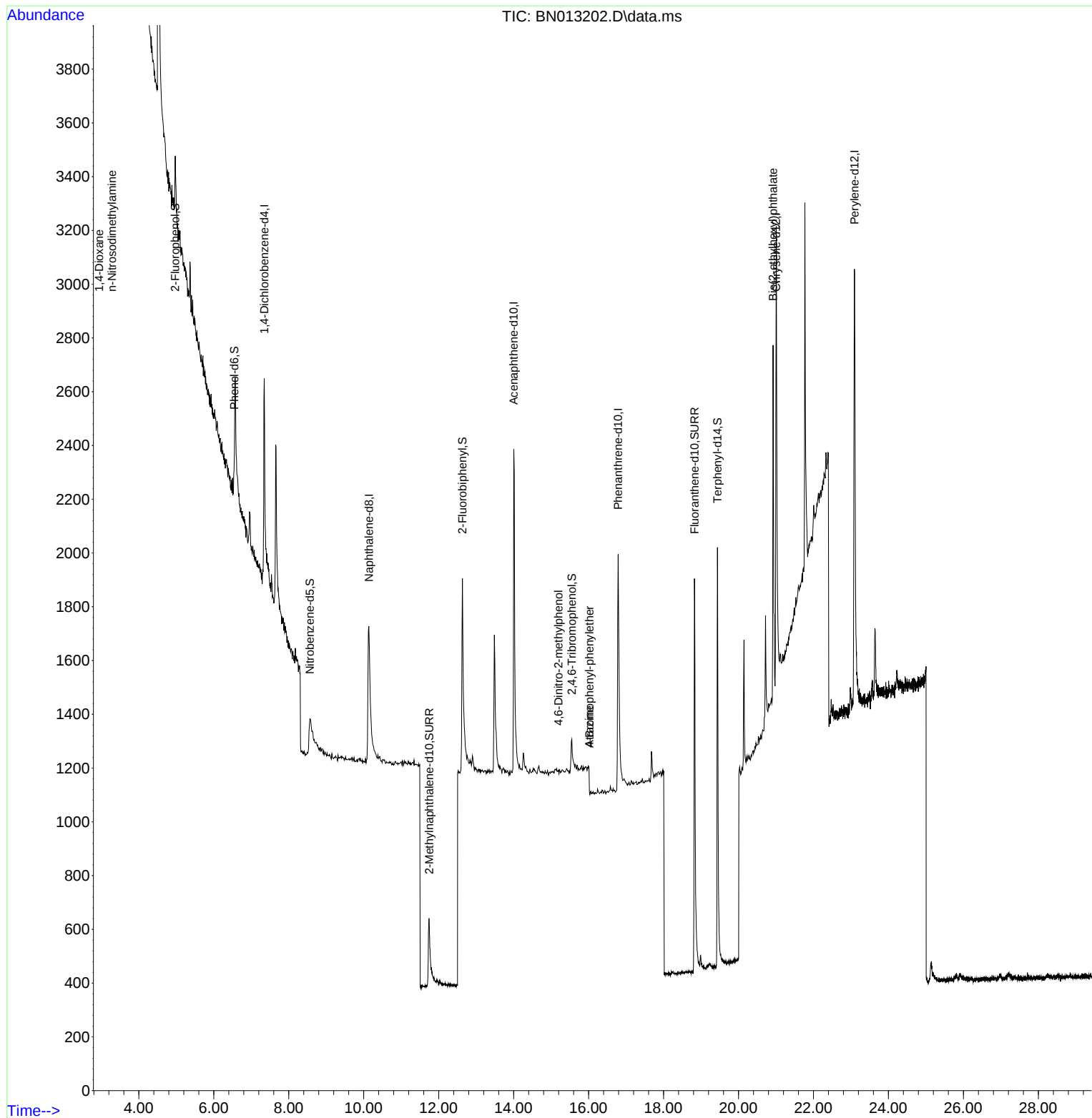
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	600	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1649	0.40	ng	# 0.03
13) Acenaphthene-d10	14.003	164	1092	0.40	ng	# 0.00
19) Phenanthrene-d10	16.787	188	2389	0.40	ng	# 0.01
29) Chrysene-d12	21.006	240	2593	0.40	ng	# 0.00
36) Perylene-d12	23.092	264	2890	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	259	0.11	ng	0.00
5) Phenol-d6	6.549	99	119	0.05	ng	0.00
8) Nitrobenzene-d5	8.566	82	380	0.22	ng	0.05
11) 2-Methylnaphthalene-d10	11.746	152	726	0.25	ng	0.02
14) 2,4,6-Tribromophenol	15.551	330	171	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1210	0.26	ng	0.00
27) Fluoranthene-d10	18.826	212	2740	0.35	ng	0.00
31) Terphenyl-d14	19.436	244	2383	0.36	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.941	88	139	0.13	ng	# 82
3) n-Nitrosodimethylamine	3.287	42	41	0.02	ng	# 71
20) 4,6-Dinitro-2-methylph...	15.196	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	34	0.07	ng	# 77
23) Atrazine	16.021	200	135	0.09	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.921	149	1528	0.07	ng	# 88

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

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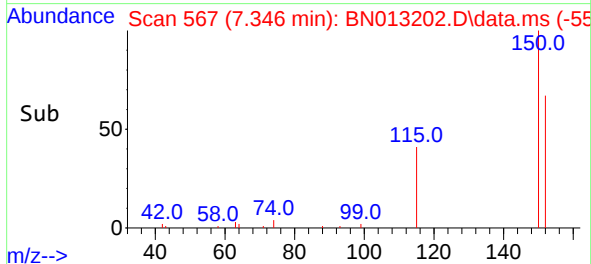
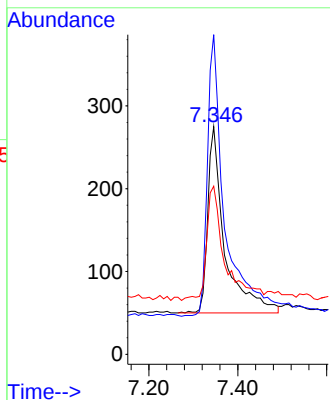
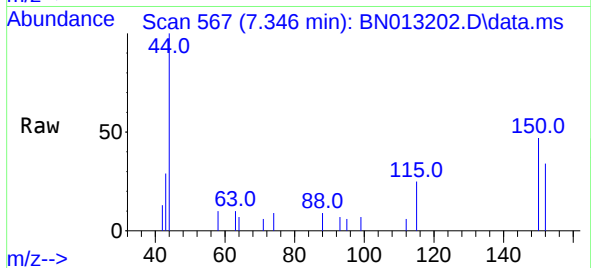


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Instrument :
BNA_N
ClientSampleId :
RE120D3-20201210

Tgt Ion:152 Resp: 600

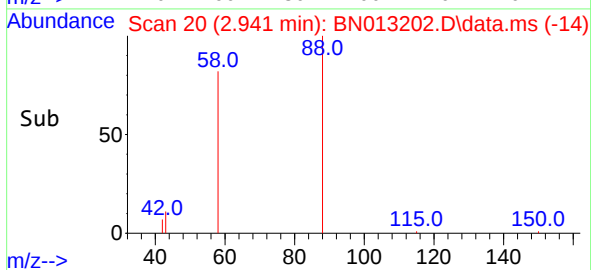
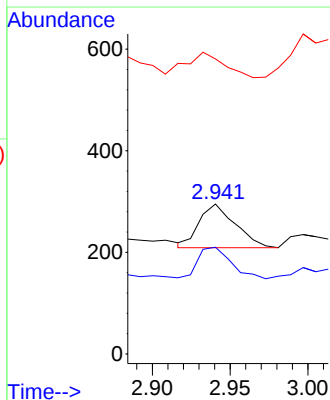
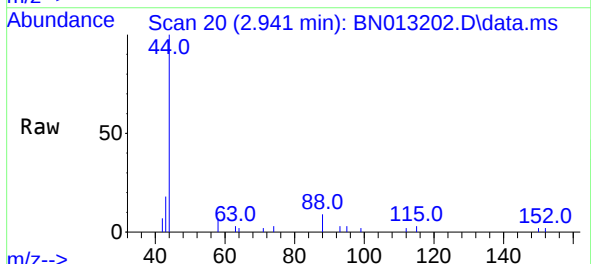
Ion	Ratio	Lower	Upper
152	100		
150	140.4	116.6	174.8
115	73.8	52.9	79.3



#2
1,4-Dioxane
Concen: 0.13 ng
RT: 2.941 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Tgt Ion: 88 Resp: 139

Ion	Ratio	Lower	Upper
88	100		
58	65.5	59.4	89.2
43	60.4	32.3	48.5

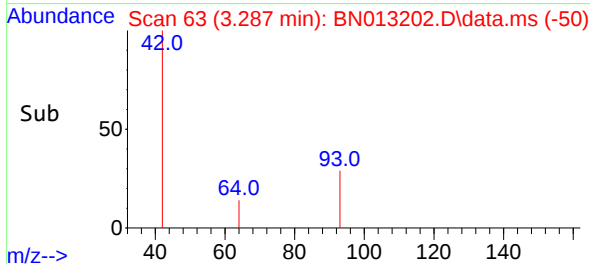
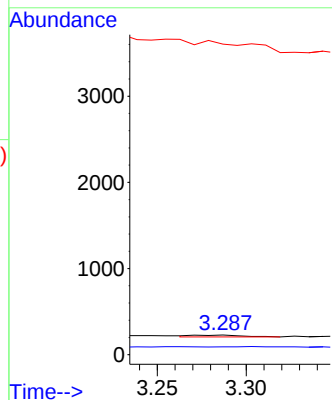
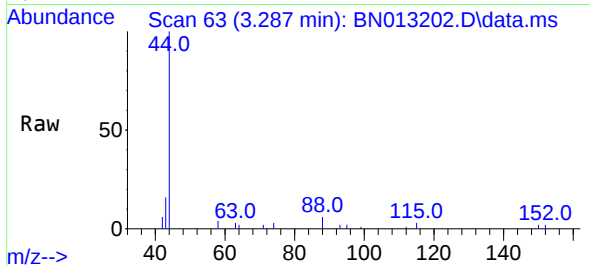




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.287 min Scan# 63
Delta R.T. 0.008 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

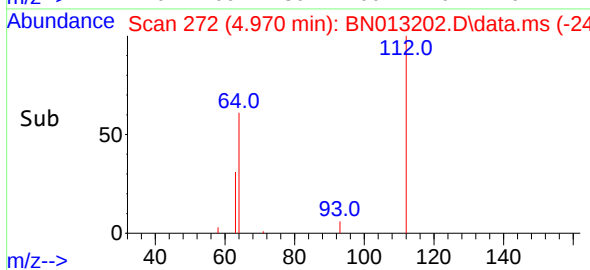
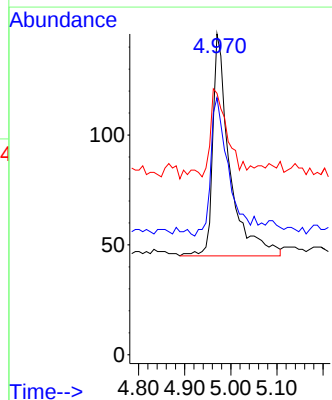
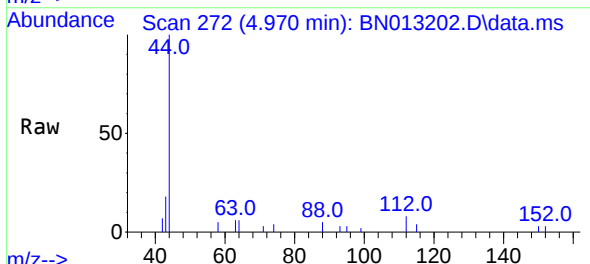
Instrument :
BNA_N
ClientSampleId :
RE120D3-20201210

Tgt Ion: 42 Resp: 41
Ion Ratio Lower Upper
42 100
74 53.7 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Tgt Ion: 112 Resp: 259
Ion Ratio Lower Upper
112 100
64 64.1 49.5 74.3
63 40.5 32.0 48.0

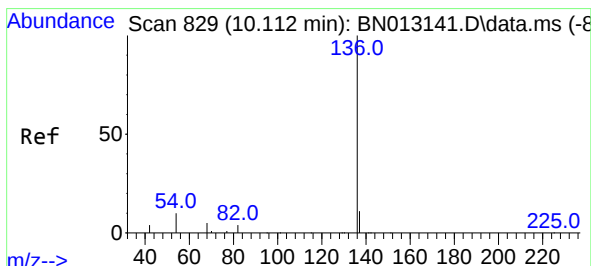
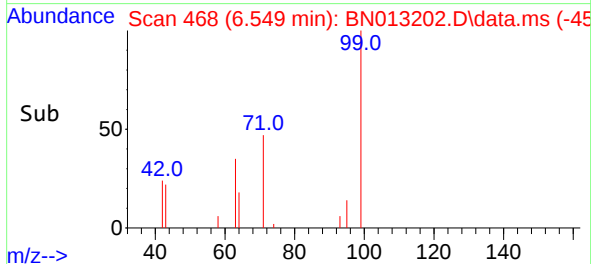
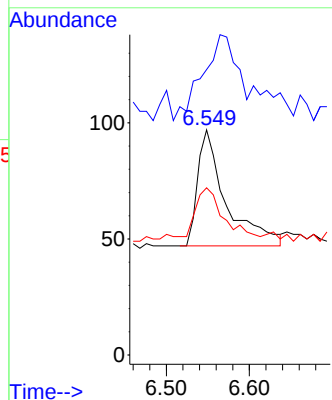
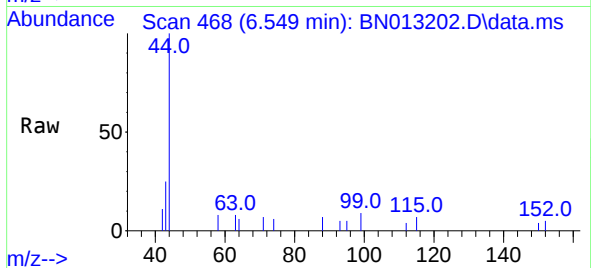




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.000 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

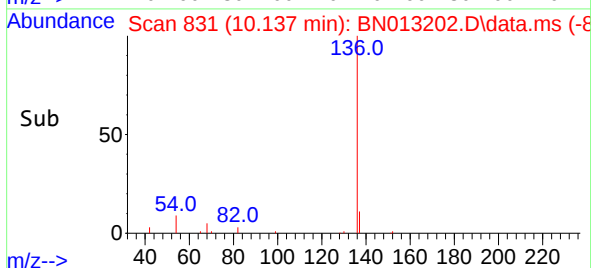
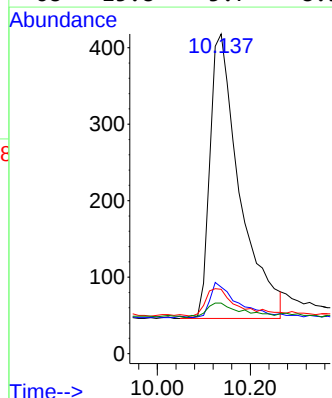
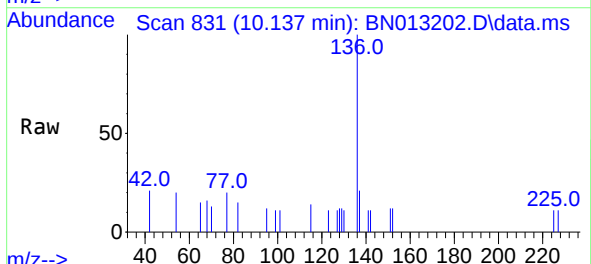
Instrument :
BNA_N
ClientSampleId :
RE120D3-20201210

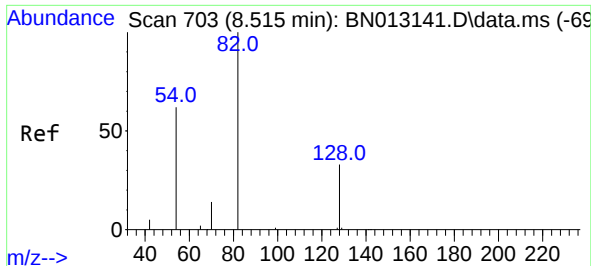
Tgt Ion: 99 Resp: 119
Ion Ratio Lower Upper
99 100
42 121.8 22.4 33.6#
71 40.3 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.025 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Tgt Ion: 136 Resp: 1649
Ion Ratio Lower Upper
136 100
137 20.8 10.6 15.8#
54 20.1 8.6 12.8#
68 15.8 5.7 8.5#

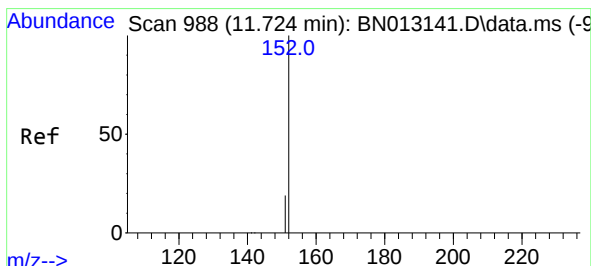
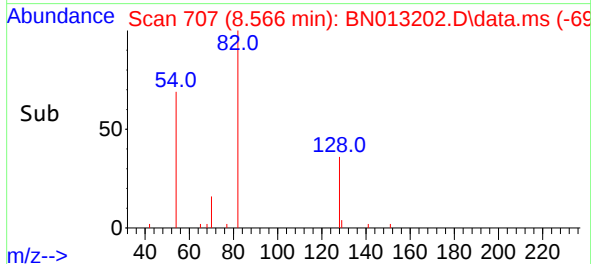
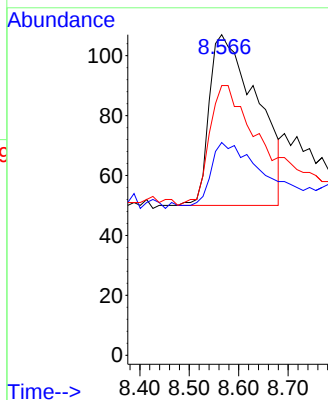
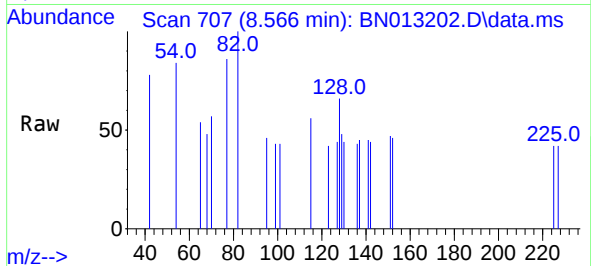




#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.566 min Scan# 707
Delta R.T. 0.051 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

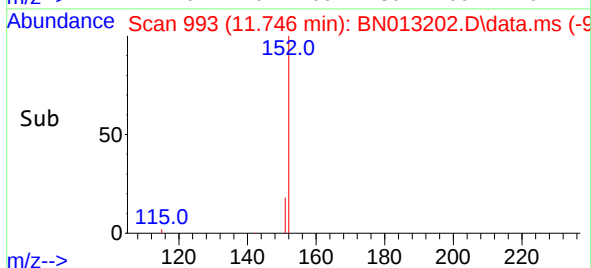
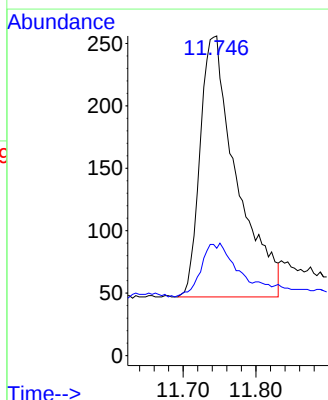
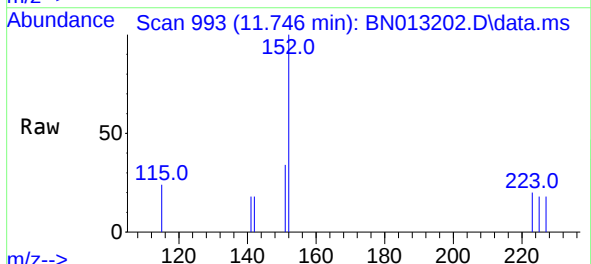
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BNA_N
ClientSampleId :
RE120D3-20201210

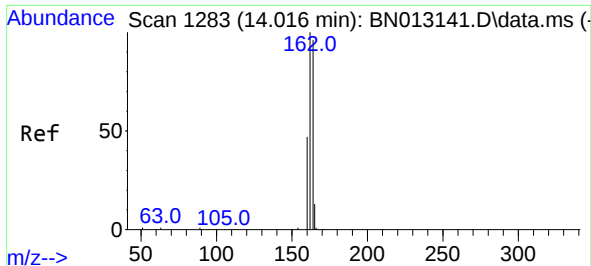
Tgt Ion: 82 Resp: 380
Ion Ratio Lower Upper
82 100
128 66.4 30.6 46.0#
54 84.1 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.746 min Scan# 993
Delta R.T. 0.018 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Tgt Ion: 152 Resp: 726
Ion Ratio Lower Upper
152 100
151 19.4 16.7 25.1

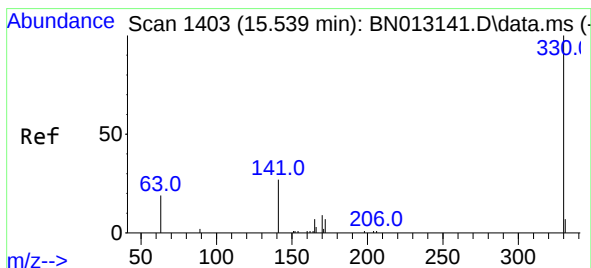
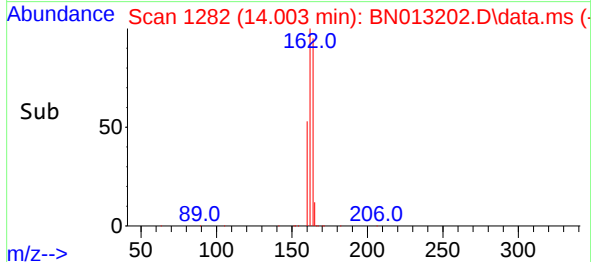
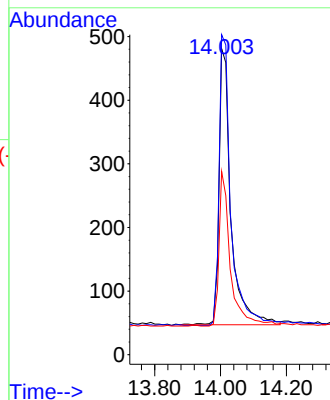
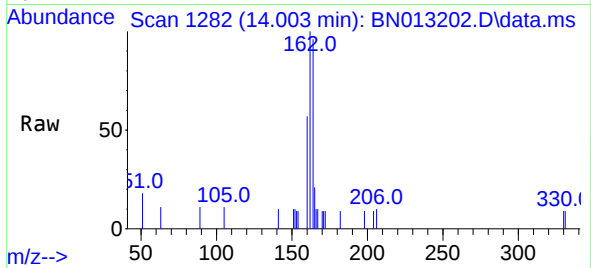




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.003 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

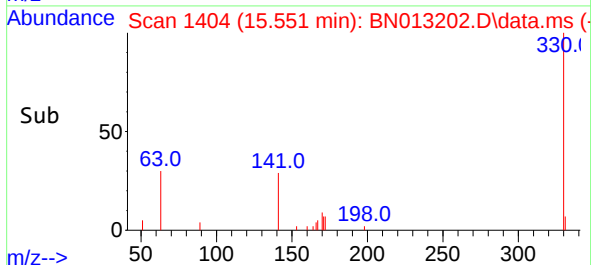
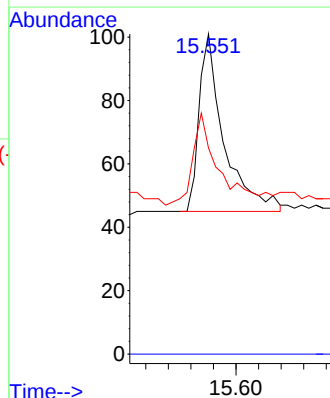
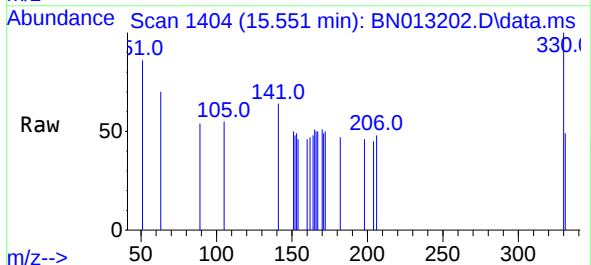
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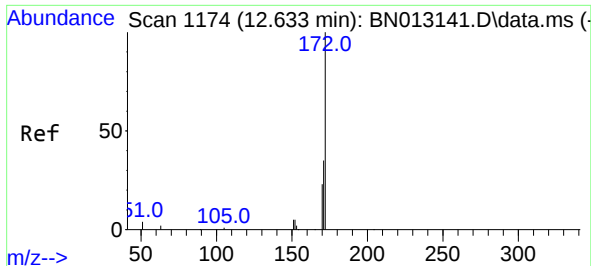
Tgt Ion:164 Resp: 1092
Ion Ratio Lower Upper
164 100
162 104.6 80.6 120.8
160 59.9 39.5 59.3#



#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Tgt Ion:330 Resp: 171
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 52.6 34.4 51.6#

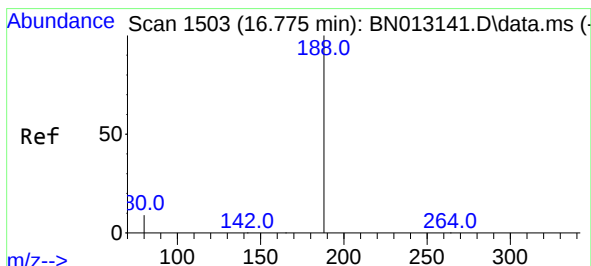
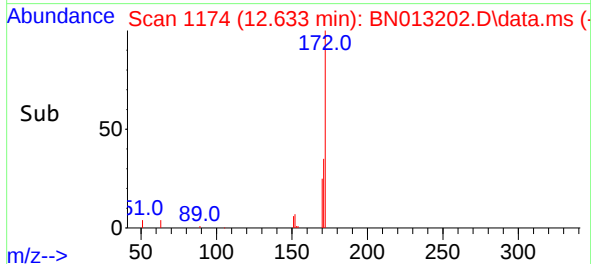
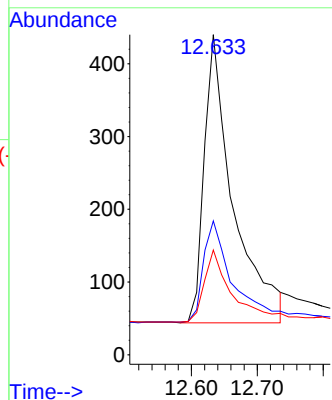
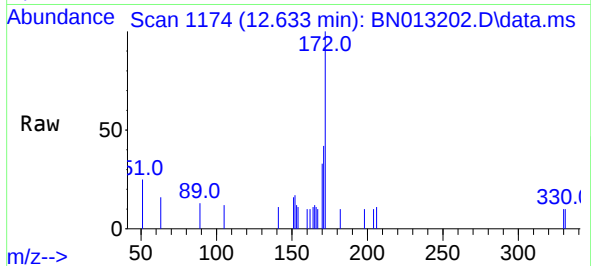




#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

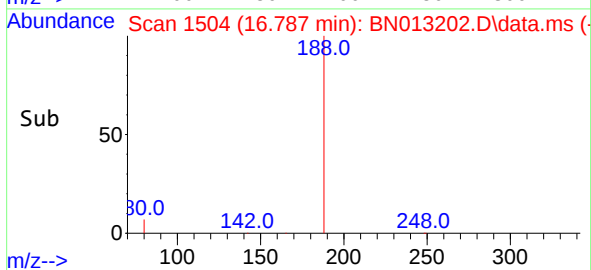
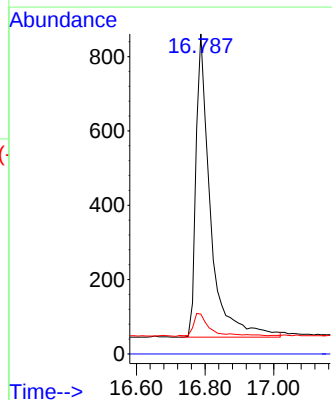
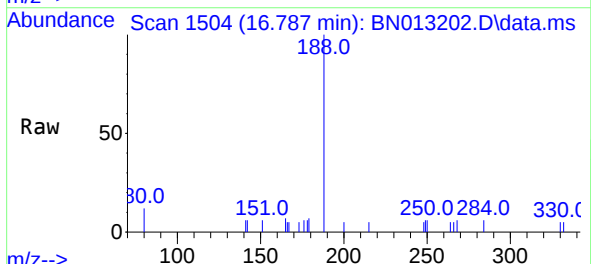
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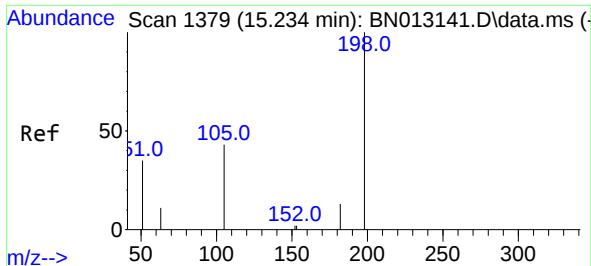
Tgt Ion:	172	Resp:	1210
Ion	Ratio	Lower	Upper
172	100		
171	41.8	28.2	42.4
170	32.7	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Tgt Ion:	188	Resp:	2389
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	5.0	7.4#



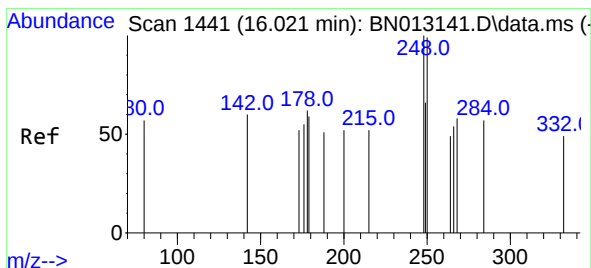
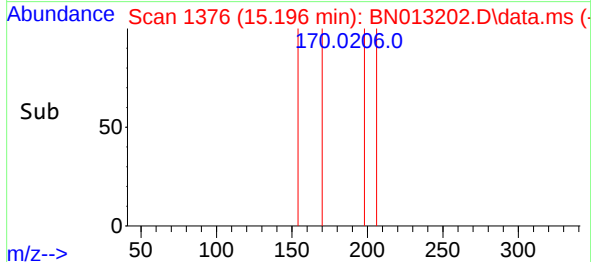
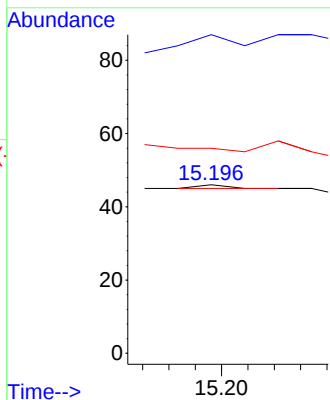
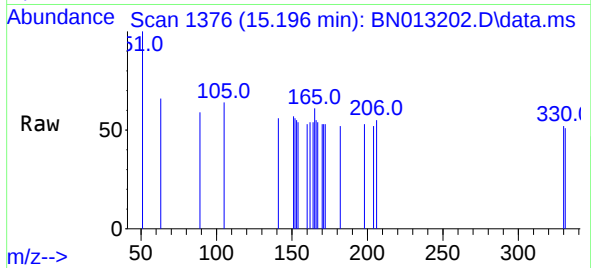


#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.196 min Scan# 1376
Delta R.T. -0.051 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Instrument :
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Tgt Ion:198 Resp: 1

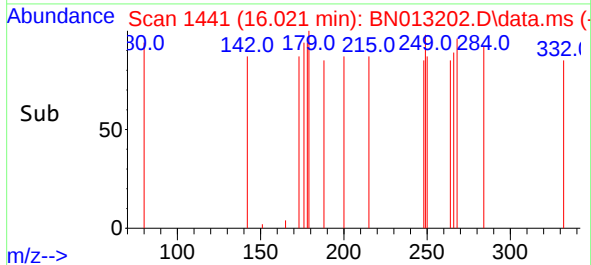
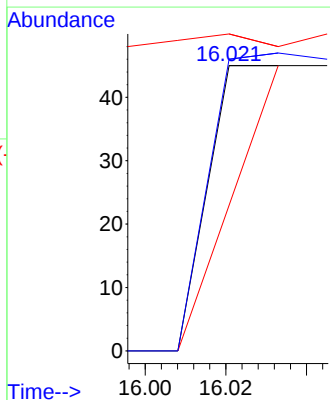
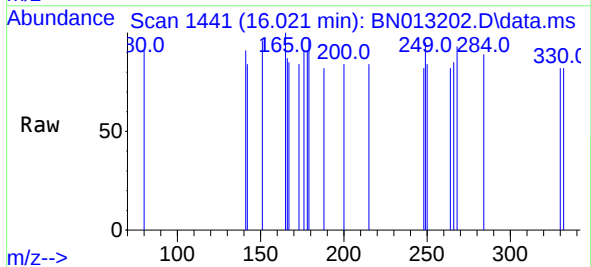
Ion	Ratio	Lower	Upper
198	100		
51	189.1	43.5	65.3#
105	121.7	27.2	40.8#

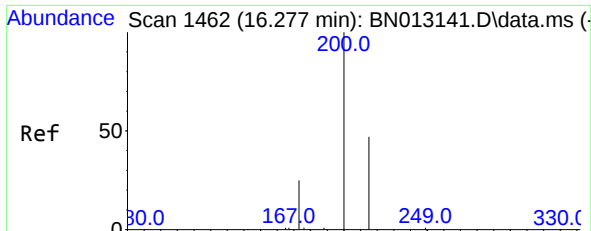


#21
4-Bromophenyl-phenylether
Concen: 0.07 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Tgt Ion:248 Resp: 34

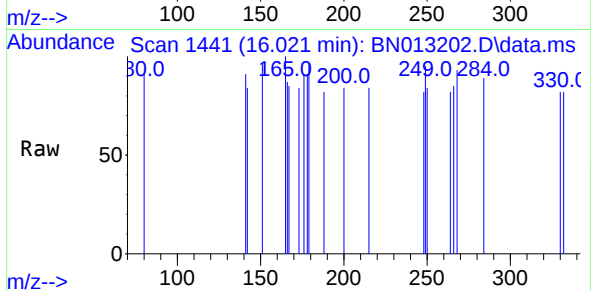
Ion	Ratio	Lower	Upper
248	100		
250	102.2	77.3	115.9
141	111.1	57.8	86.8#



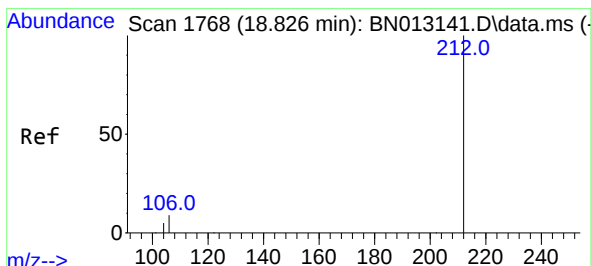
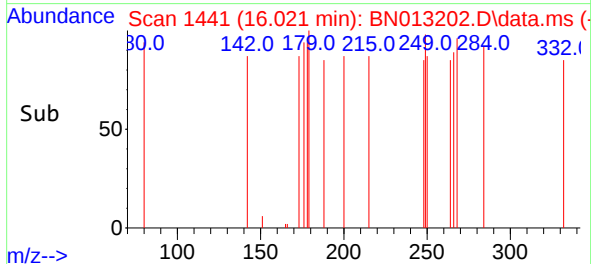


#23
Atrazine
Concen: 0.09 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.256 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Instrument :
BNA_N
ClientSampleId :
RE120D3-20201210

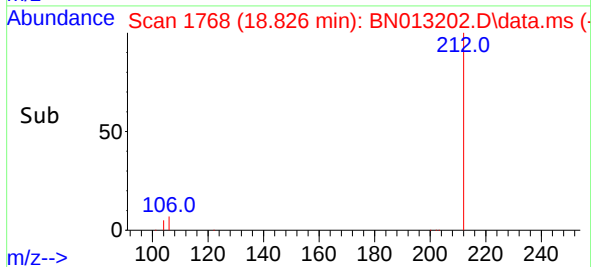
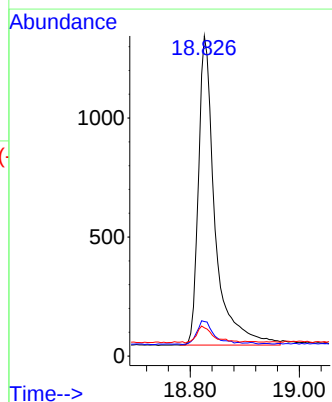
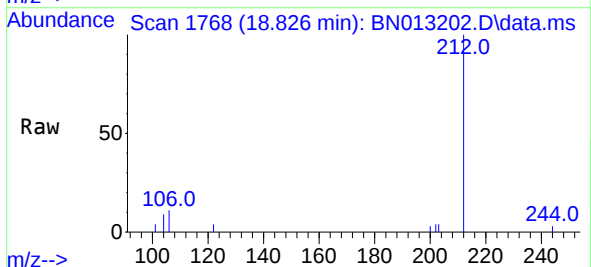


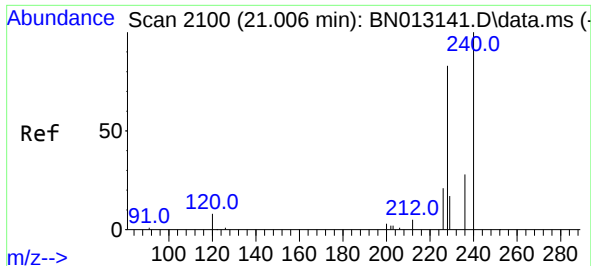
Tgt Ion:200 Resp: 135
Ion Ratio Lower Upper
200 100
173 100.0 22.8 34.2#
215 100.0 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 18.826 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Tgt Ion:212 Resp: 2740
Ion Ratio Lower Upper
212 100
106 7.9 6.8 10.2
104 5.5 4.1 6.1

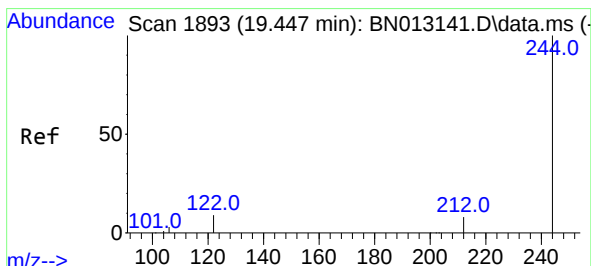
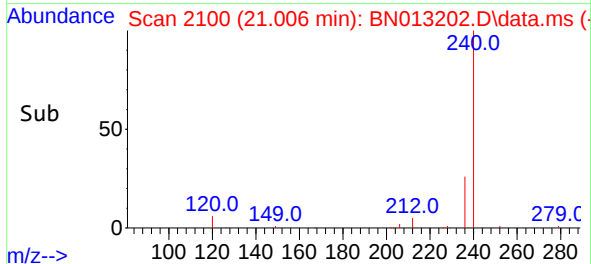
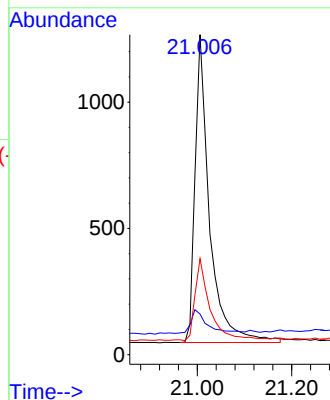
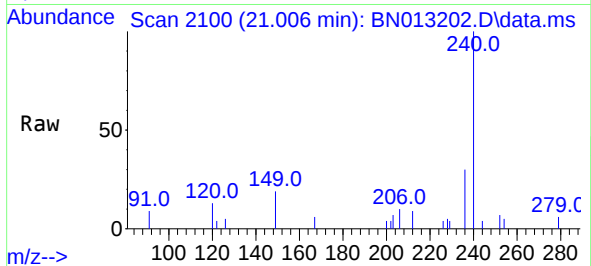




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.006 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

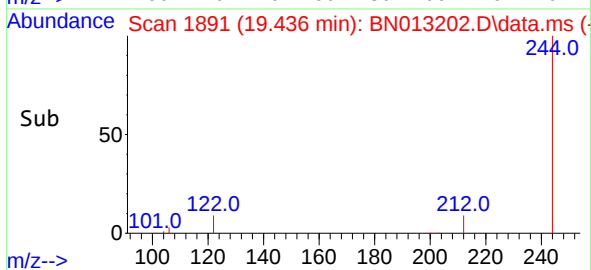
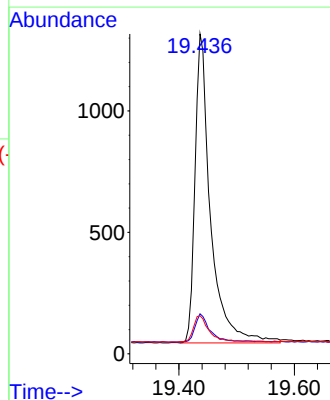
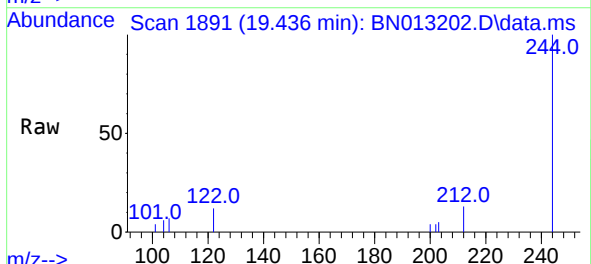
Instrument :
BNA_N
ClientSampleId :
RE120D3-20201210

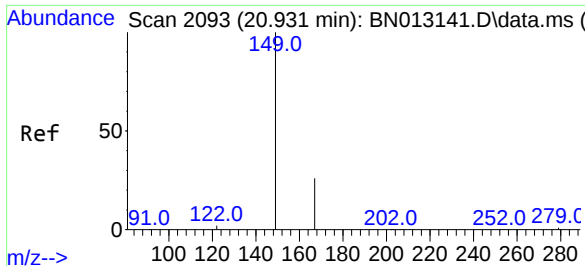
Tgt Ion:240 Resp: 2593
Ion Ratio Lower Upper
240 100
120 12.7 5.3 7.9#
236 30.0 21.8 32.8



#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.436 min Scan# 1891
Delta R.T. -0.015 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Tgt Ion:244 Resp: 2383
Ion Ratio Lower Upper
244 100
212 12.5 7.3 10.9#
122 11.9 7.3 10.9#

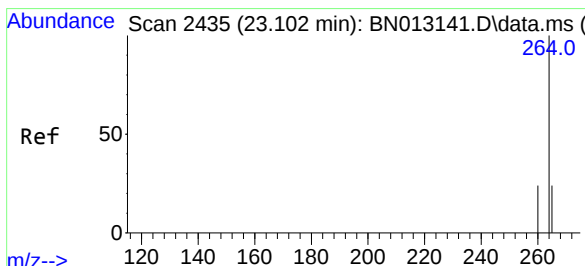
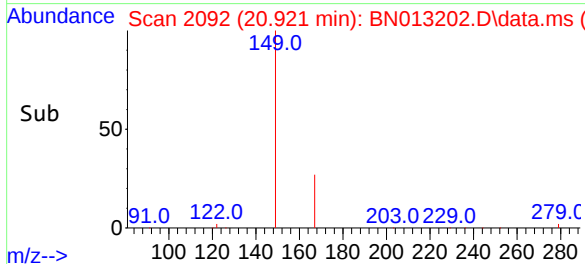
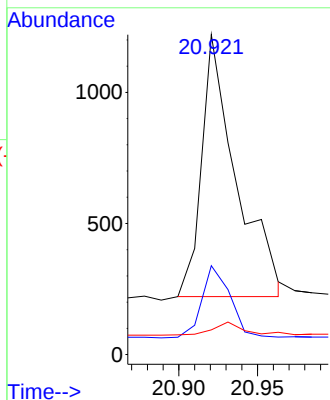
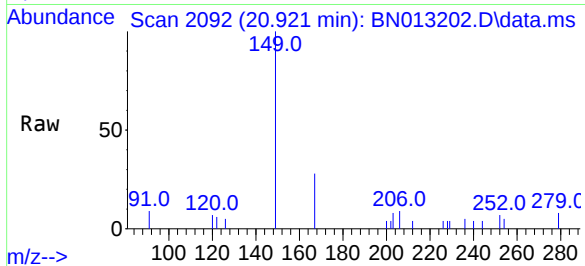




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 20.921 min Scan# 2092
Delta R.T. -0.011 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Instrument :
BNA_N
ClientSampleId :
RE120D3-20201210

Tgt Ion:149 Resp: 1528
Ion Ratio Lower Upper
149 100
167 22.0 23.2 34.8#
279 3.8 3.9 5.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.092 min Scan# 2432
Delta R.T. -0.007 min
Lab File: BN013202.D
Acq: 18 Dec 2020 03:18

Tgt Ion:264 Resp: 2890
Ion Ratio Lower Upper
264 100
260 27.7 19.8 29.6
265 86.4 51.4 77.0#

