

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121820\
 Data File : BN013217.D
 Acq On : 18 Dec 2020 20:17
 Operator : CG/JU
 Sample : L5053-21DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20201210DL

Quant Time: Dec 19 01:11:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 16:11:20 2020
 Response via : Initial Calibration

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

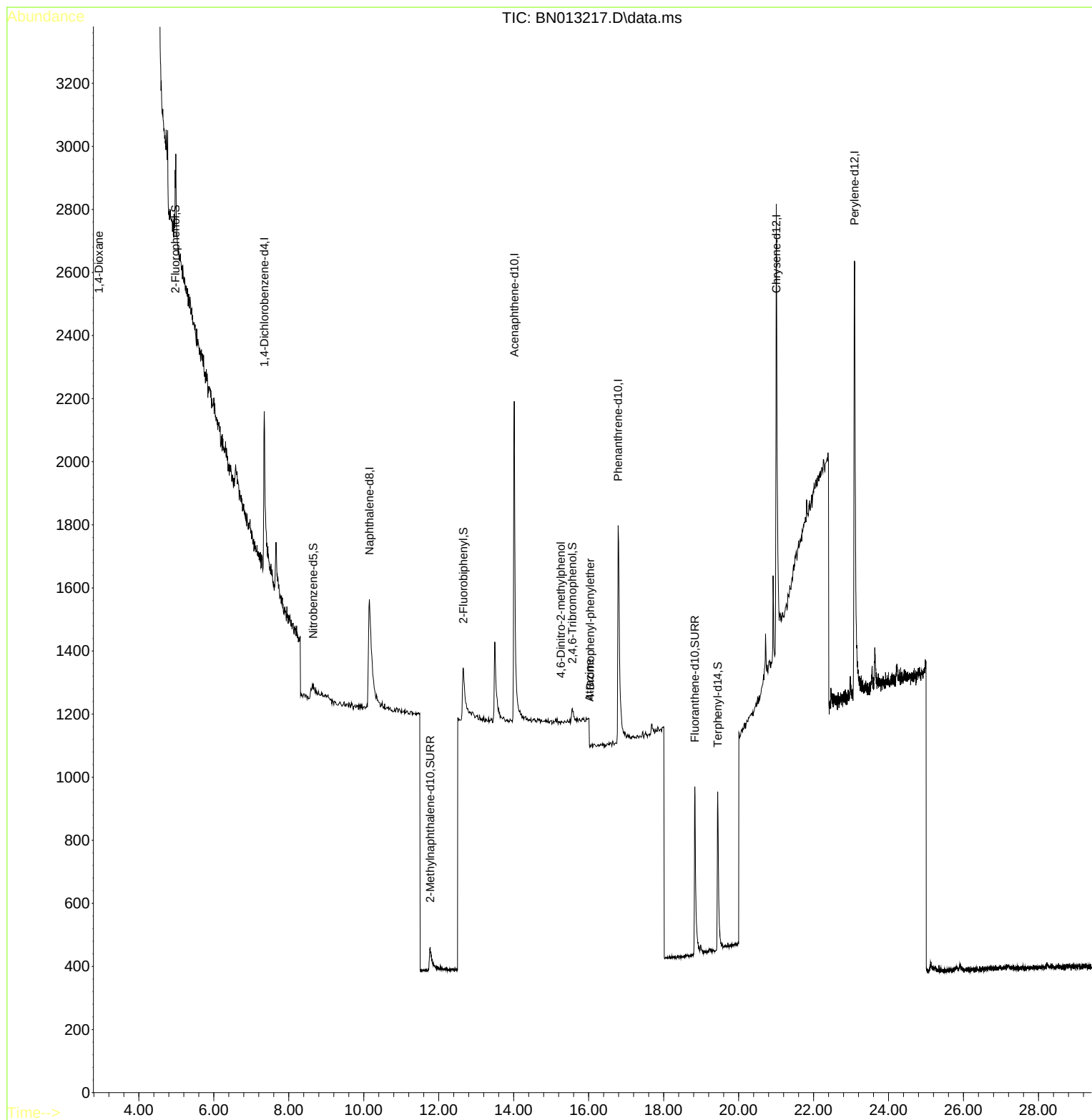
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	520	0.40	ng	0.00
7) Naphthalene-d8	10.150	136	1409	0.40	ng	# 0.04
13) Acenaphthene-d10	14.016	164	1017	0.40	ng	0.01
19) Phenanthrene-d10	16.787	188	2252	0.40	ng	# 0.01
29) Chrysene-d12	21.005	240	2383	0.40	ng	# 0.00
36) Perylene-d12	23.092	264	2570	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	78	0.04	ng	0.02
5) Phenol-d6	6.556	99	37	0.02	ng	0.00
8) Nitrobenzene-d5	8.654	82	114	0.08	ng	0.13
11) 2-Methylnaphthalene-d10	11.773	152	255	0.10	ng	0.05
14) 2,4,6-Tribromophenol	15.564	330	71	0.11	ng	0.03
15) 2-Fluorobiphenyl	12.658	172	394	0.09	ng	0.03
27) Fluoranthene-d10	18.831	212	1173	0.16	ng	0.00
31) Terphenyl-d14	19.441	244	1002	0.17	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.932	88	2301	2.54	ng	Qvalue 95
20) 4,6-Dinitro-2-methylph...	15.259	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.045	248	167	0.38	ng	# 80
23) Atrazine	16.021	200	34	0.03	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.920	149	238	Below Cal		# 91

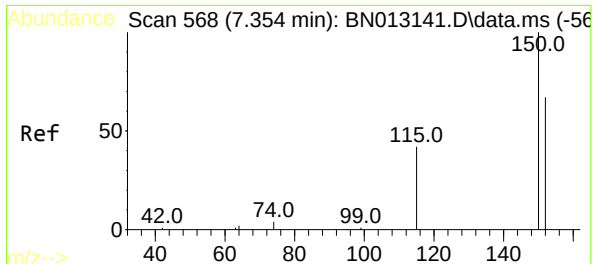
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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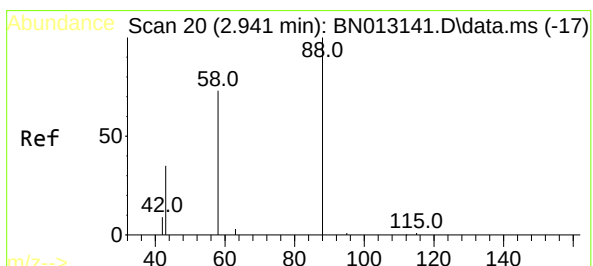
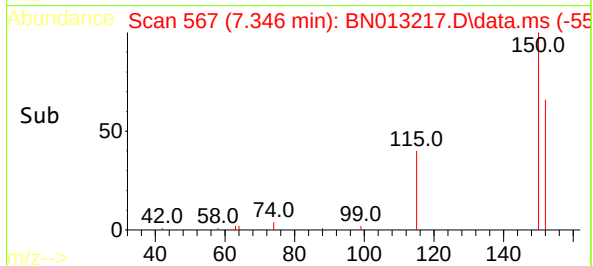
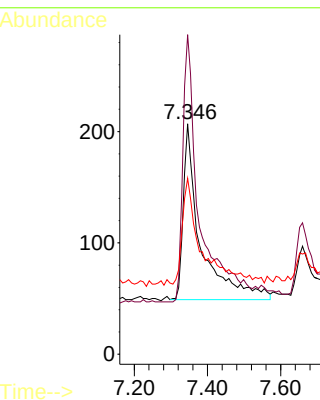
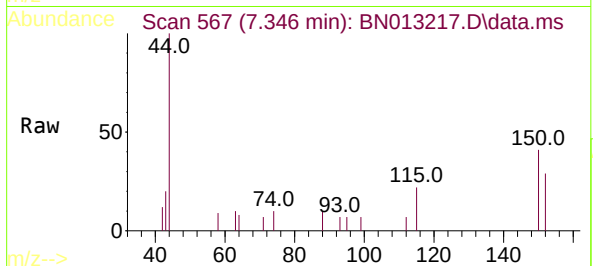




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

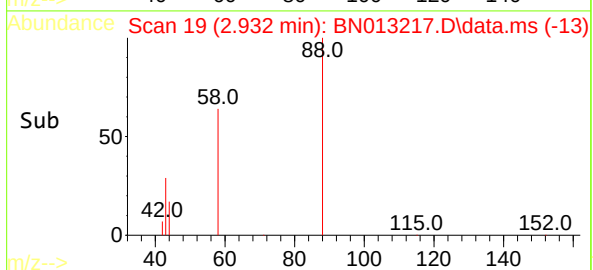
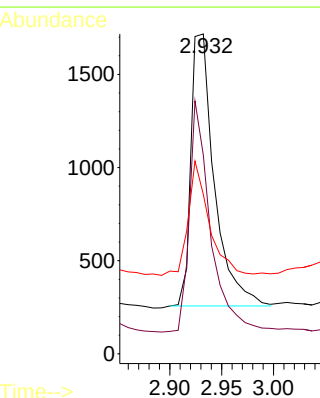
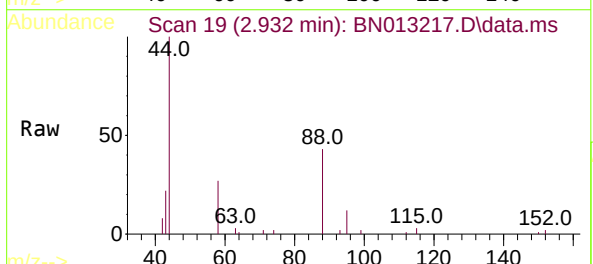
Instrument :
BNA_N
ClientSampleId :
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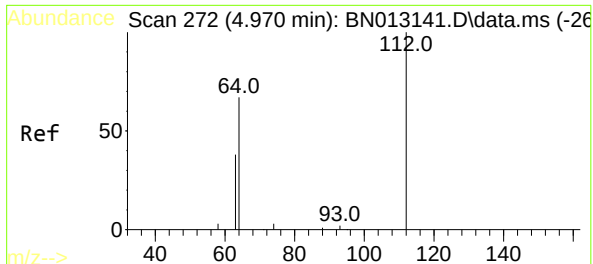
Tgt Ion:152 Resp: 520
Ion Ratio Lower Upper
152 100
150 138.6 116.6 174.8
115 76.3 52.9 79.3



#2
1,4-Dioxane
Concen: 2.54 ng
RT: 2.932 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

Tgt Ion: 88 Resp: 2301
Ion Ratio Lower Upper
88 100
58 76.4 59.4 89.2
43 35.0 32.3 48.5

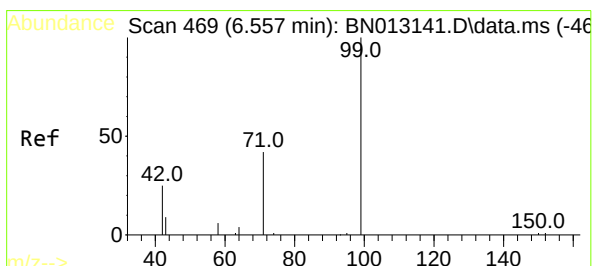
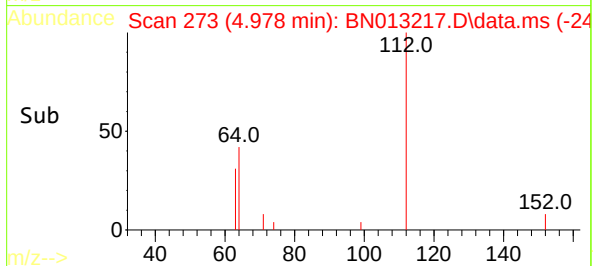
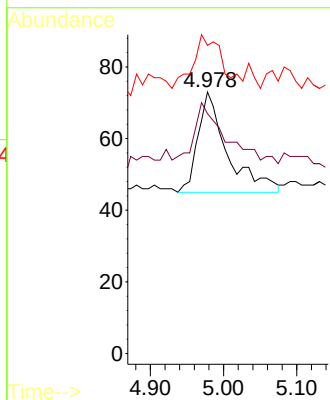
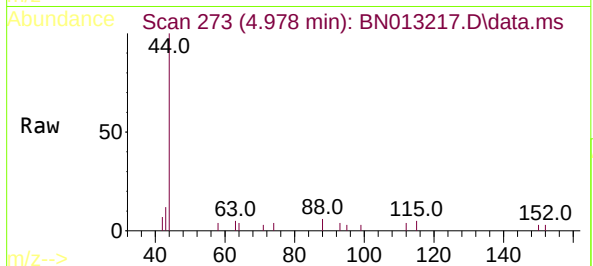




#4
2-Fluorophenol
Concen: 0.04 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.016 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

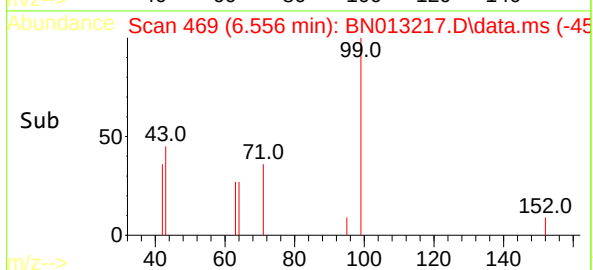
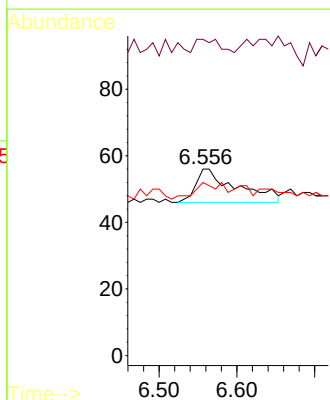
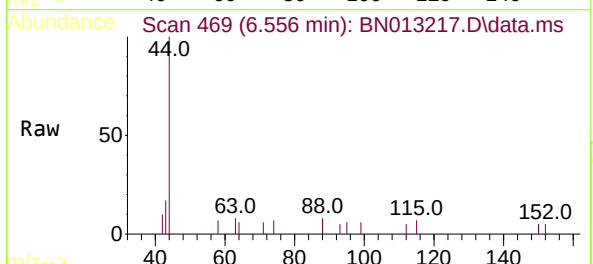
Instrument :
BNA_N
ClientSampleId :
RE120D2-20201210DL

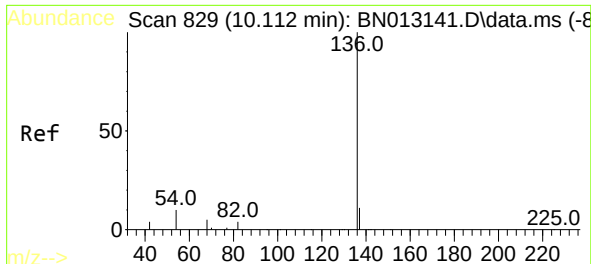
Tgt Ion:112 Resp: 78
Ion Ratio Lower Upper
112 100
64 64.1 49.5 74.3
63 48.7 32.0 48.0#



#5
Phenol-d6
Concen: 0.02 ng
RT: 6.556 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

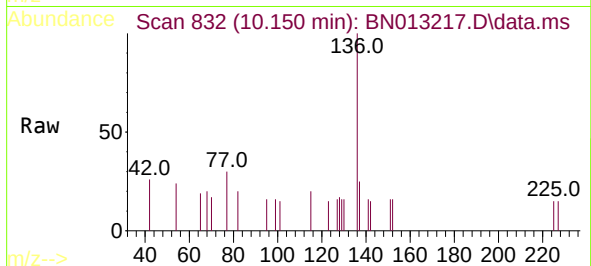
Tgt Ion: 99 Resp: 37
Ion Ratio Lower Upper
99 100
42 21.6 22.4 33.6#
71 32.4 37.8 56.6#



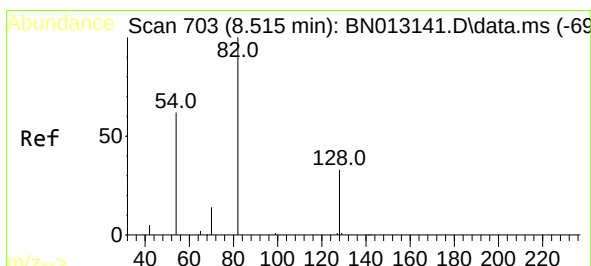
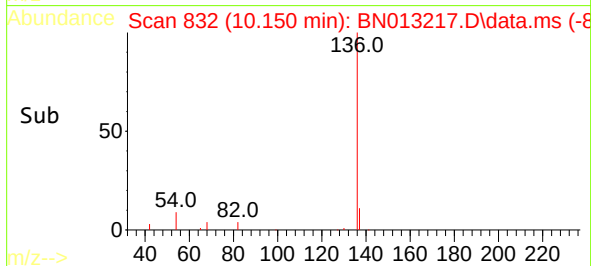
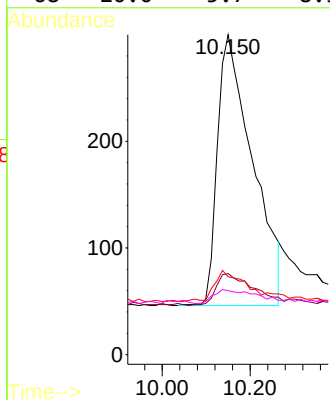


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.150 min Scan# 832
Delta R.T. 0.038 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

Instrument :
BNA_N
ClientSampleId :
RE120D2-20201210DL

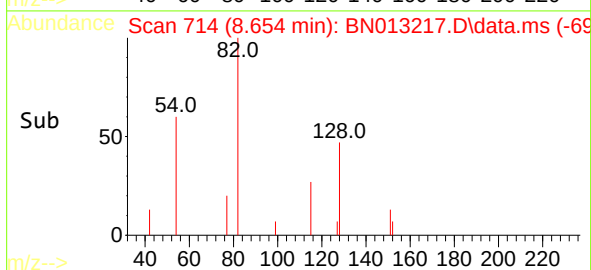
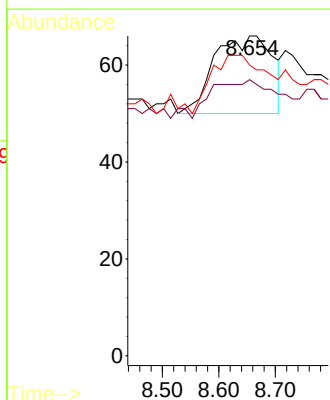
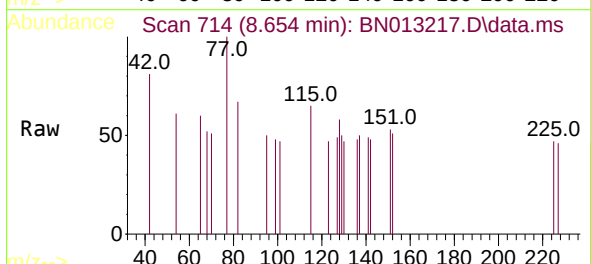


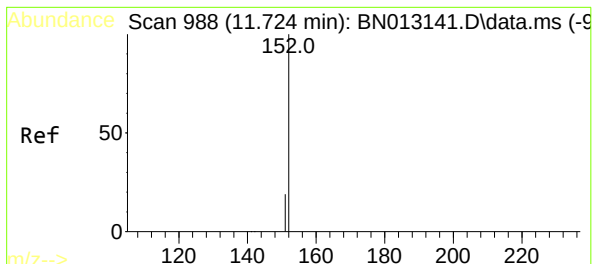
Tgt Ion:	136	Resp:	1409
Ion	Ratio	Lower	Upper
136	100		
137	25.3	10.6	15.8#
54	24.3	8.6	12.8#
68	20.0	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.08 ng
RT: 8.654 min Scan# 714
Delta R.T. 0.126 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

Tgt Ion:	82	Resp:	114
Ion	Ratio	Lower	Upper
82	100		
128	86.4	30.6	46.0#
54	90.9	48.3	72.5#

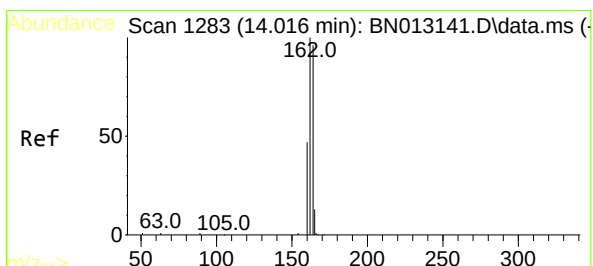
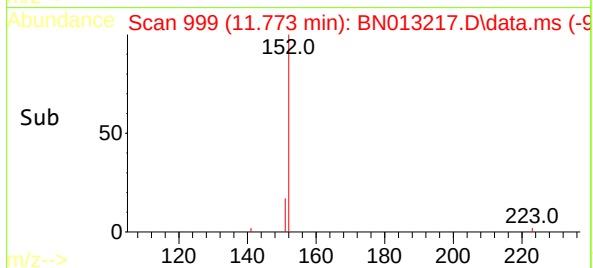
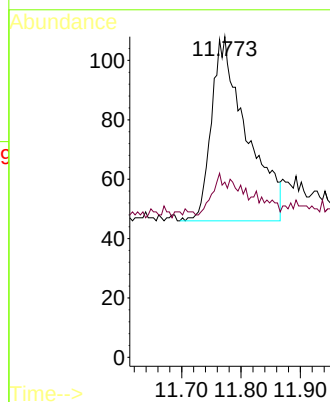
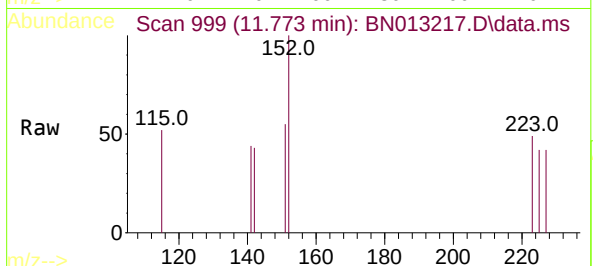




#11
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 11.773 min Scan# 999
Delta R.T. 0.049 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

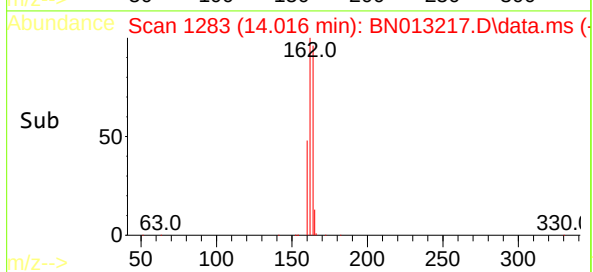
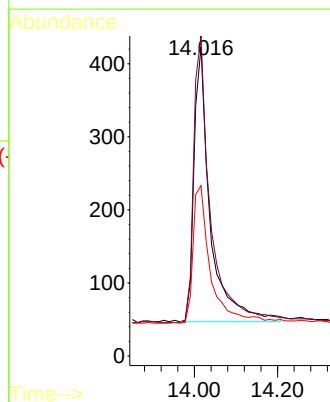
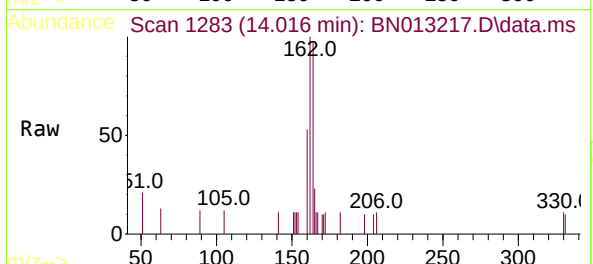
Instrument :
BNA_N
ClientSampleId :
RE120D2-20201210DL

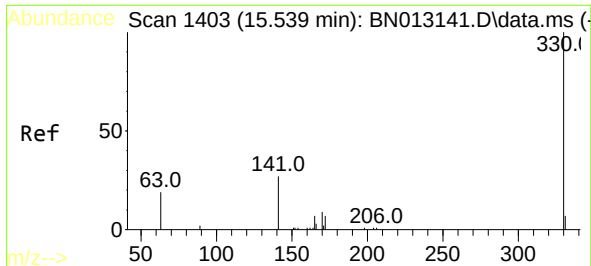
Tgt Ion:152 Resp: 255
Ion Ratio Lower Upper
152 100
151 8.6 16.7 25.1#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.012 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

Tgt Ion:164 Resp: 1017
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 55.1 39.5 59.3

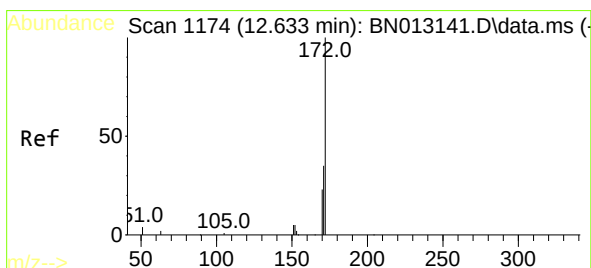
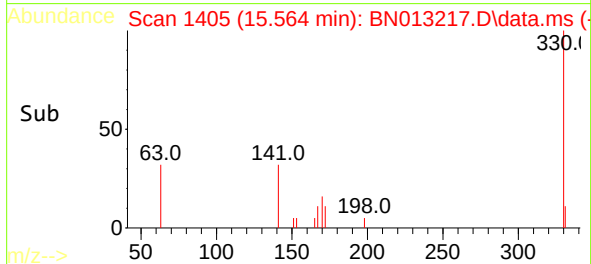
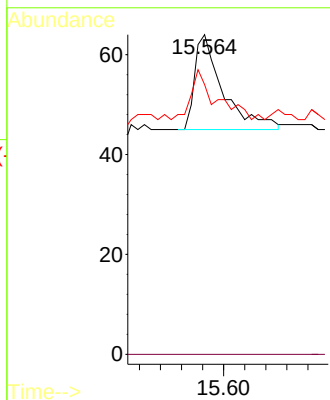
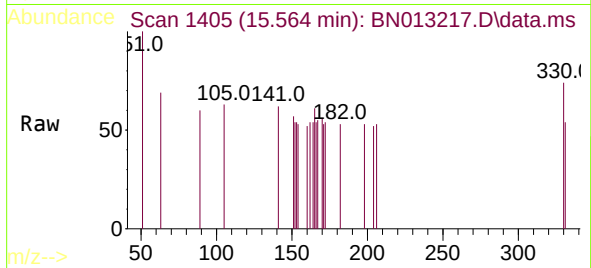




#14
2,4,6-Tribromophenol
Concen: 0.11 ng
RT: 15.564 min Scan# 1405
Delta R.T. 0.025 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

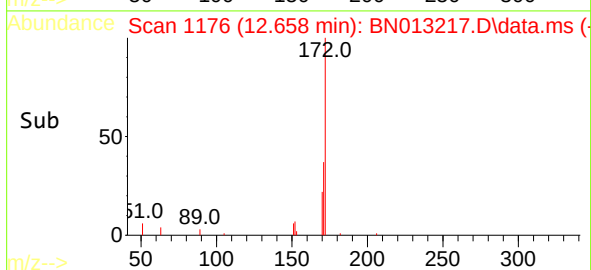
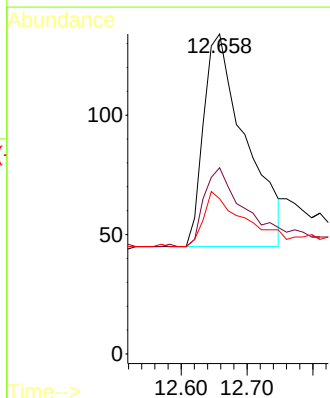
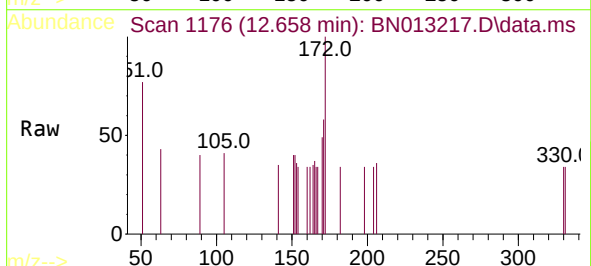
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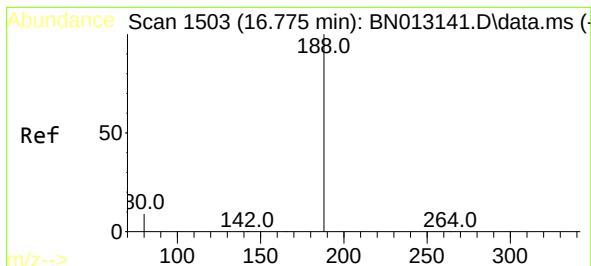
Tgt Ion:330 Resp: 71
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.5 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.09 ng
RT: 12.658 min Scan# 1176
Delta R.T. 0.025 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

Tgt Ion:172 Resp: 394
Ion Ratio Lower Upper
172 100
171 58.2 28.2 42.4#
170 48.5 20.0 30.0#

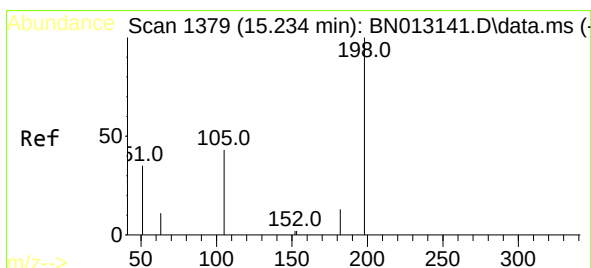
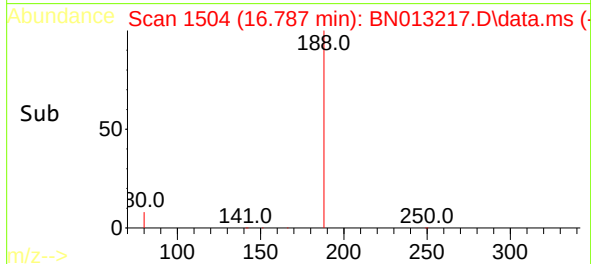
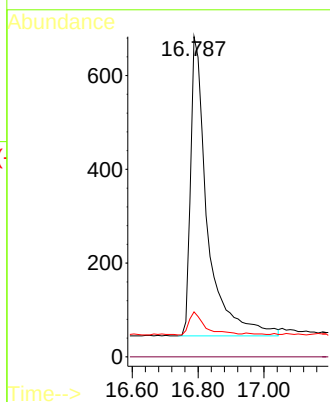
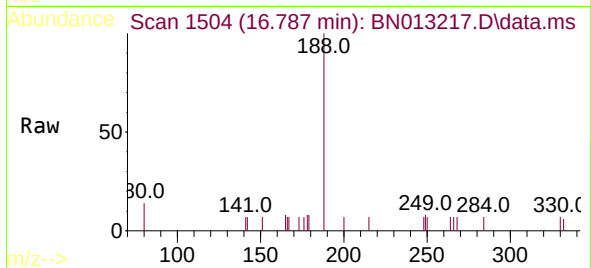




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

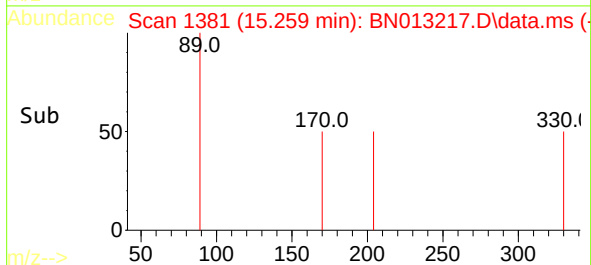
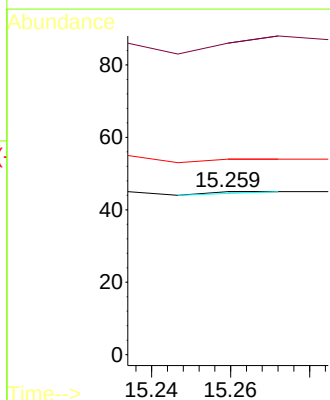
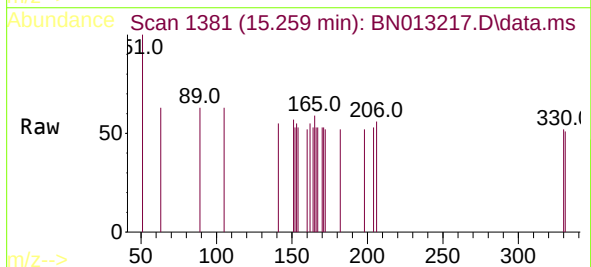
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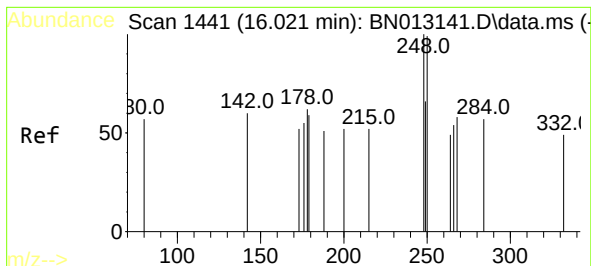
Tgt Ion:	188	Resp:	2252
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.1	5.0	7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.259 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

Tgt Ion:	198	Resp:	1
Ion Ratio	Lower	Upper	
198	100		
51	191.1	43.5	65.3#
105	120.0	27.2	40.8#

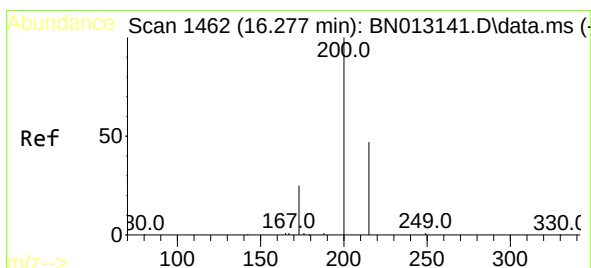
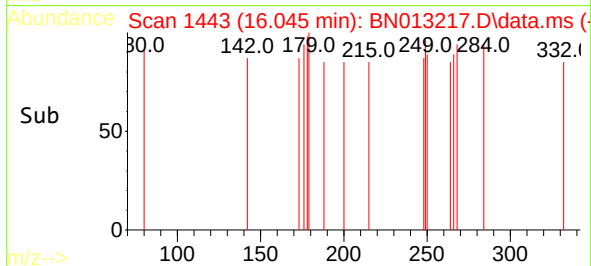
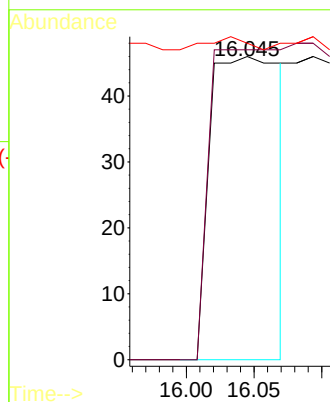
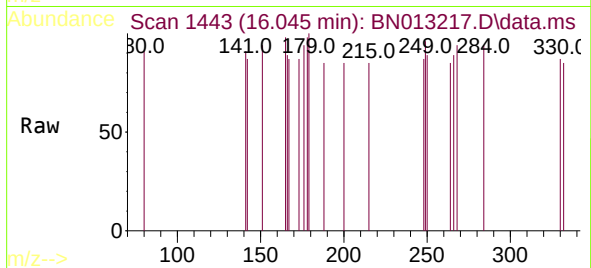




#21
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.045 min Scan# 1443
Delta R.T. 0.024 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

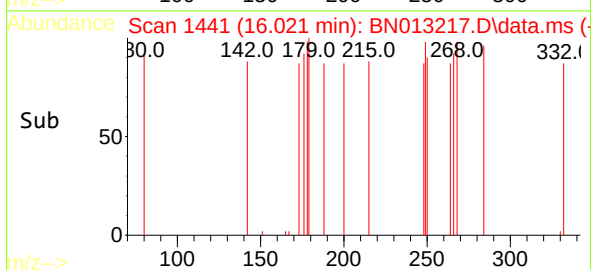
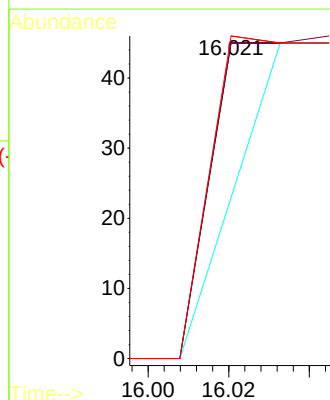
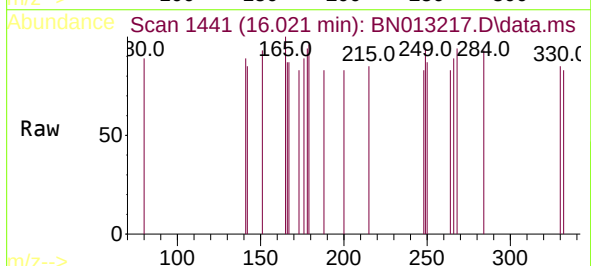
Instrument :
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RE120D2-20201210DL

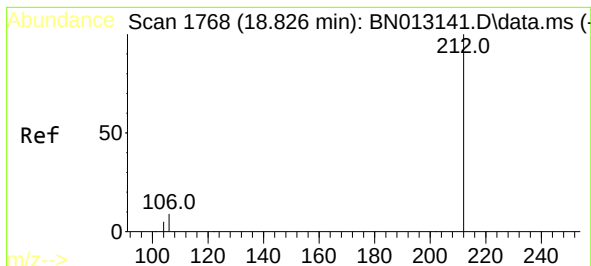
Tgt Ion:248 Resp: 167
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 104.3 57.8 86.8#



#23
Atrazine
Concen: 0.03 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.256 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

Tgt Ion:200 Resp: 34
Ion Ratio Lower Upper
200 100
173 100.0 22.8 34.2#
215 102.2 38.1 57.1#

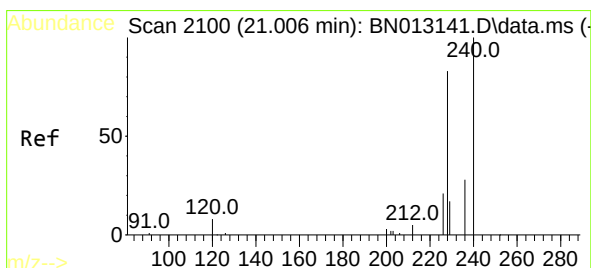
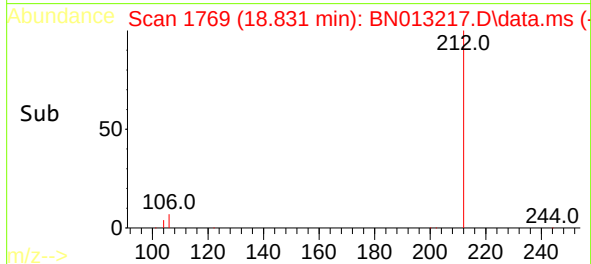
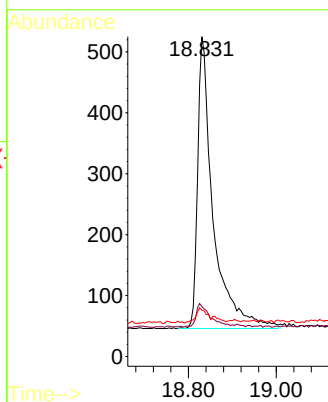
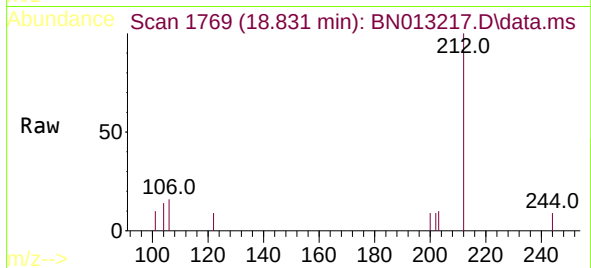




#27
Fluoranthene-d10
Concen: 0.16 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.010 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

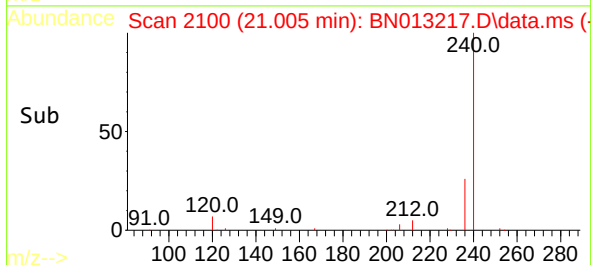
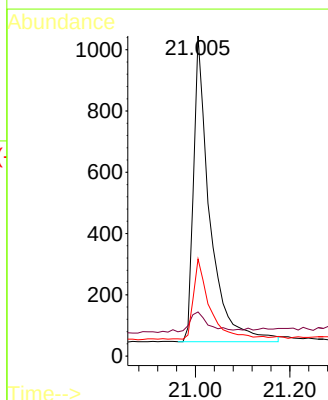
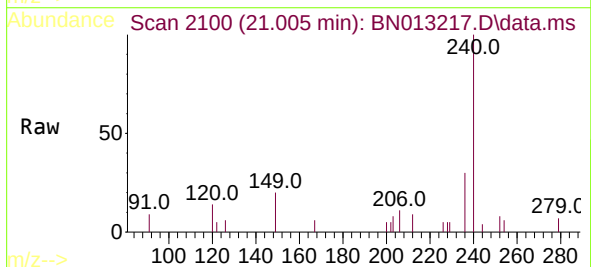
Instrument :
BNA_N
ClientSampleId :
RE120D2-20201210DL

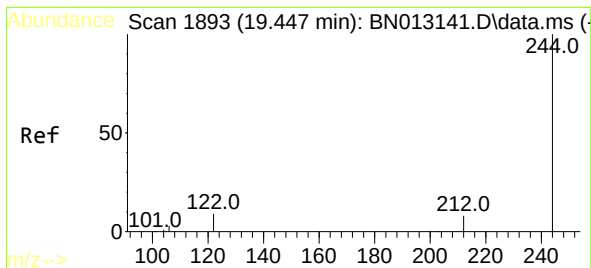
Tgt Ion:212 Resp: 1173
Ion Ratio Lower Upper
212 100
106 7.1 6.8 10.2
104 3.6 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.005 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN013217.D
Acq: 18 Dec 2020 20:17

Tgt Ion:240 Resp: 2383
Ion Ratio Lower Upper
240 100
120 13.8 5.3 7.9#
236 30.3 21.8 32.8

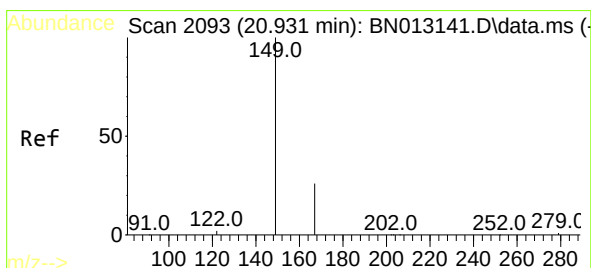
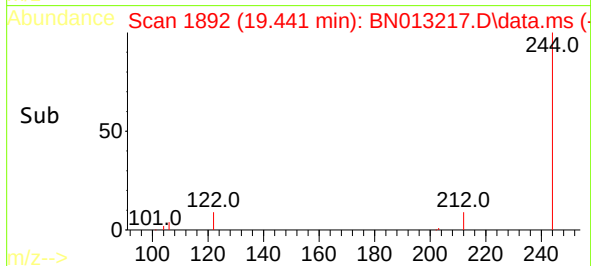
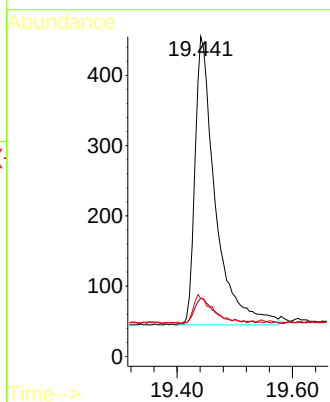
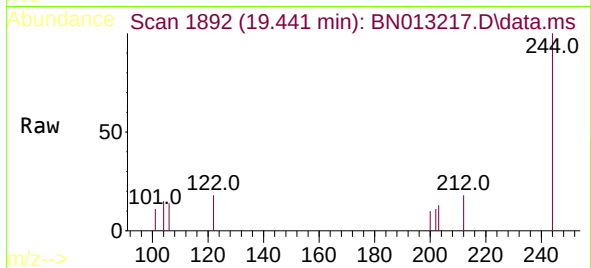




#31
 Terphenyl-d14
 Concen: 0.17 ng
 RT: 19.441 min Scan# 1892
 Delta R.T. -0.005 min
 Lab File: BN013217.D
 Acq: 18 Dec 2020 20:17

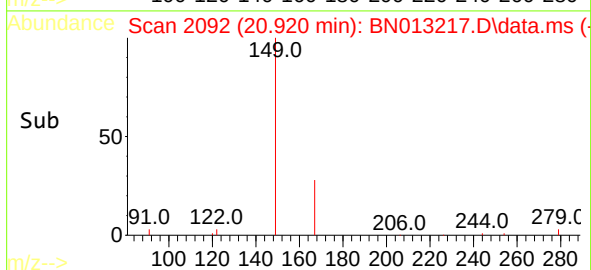
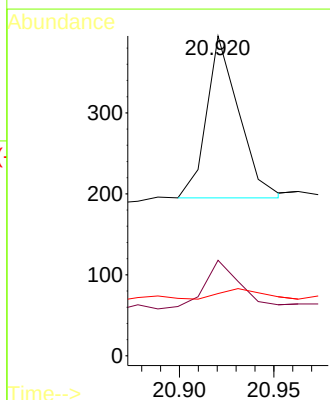
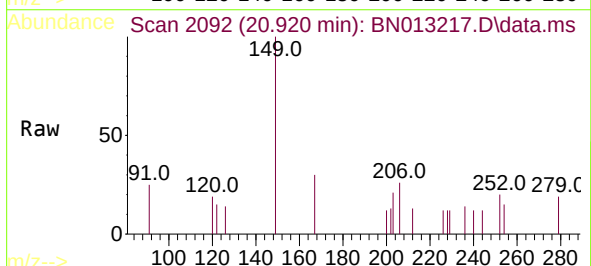
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20201210DL

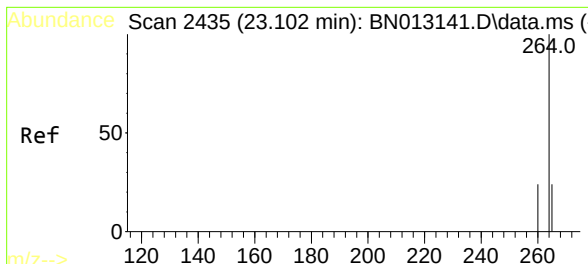
Tgt Ion:244 Resp: 1002
 Ion Ratio Lower Upper
 244 100
 212 18.2 7.3 10.9#
 122 18.0 7.3 10.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.920 min Scan# 2092
 Delta R.T. -0.000 min
 Lab File: BN013217.D
 Acq: 18 Dec 2020 20:17

Tgt Ion:149 Resp: 238
 Ion Ratio Lower Upper
 149 100
 167 33.6 23.2 34.8
 279 8.4 3.9 5.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.092 min Scan# 2432
 Delta R.T. -0.004 min
 Lab File: BN013217.D
 Acq: 18 Dec 2020 20:17

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20201210DL

Tgt Ion:	264	Resp:	2570
Ion Ratio	Lower	Upper	
264	100		
260	26.5	19.8	29.6
265	89.7	51.4	77.0#

