

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013247.D
 Acq On : 21 Dec 2020 21:41
 Operator : CG/JU
 Sample : L5123-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20201211

Quant Time: Dec 22 01:06:26 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)

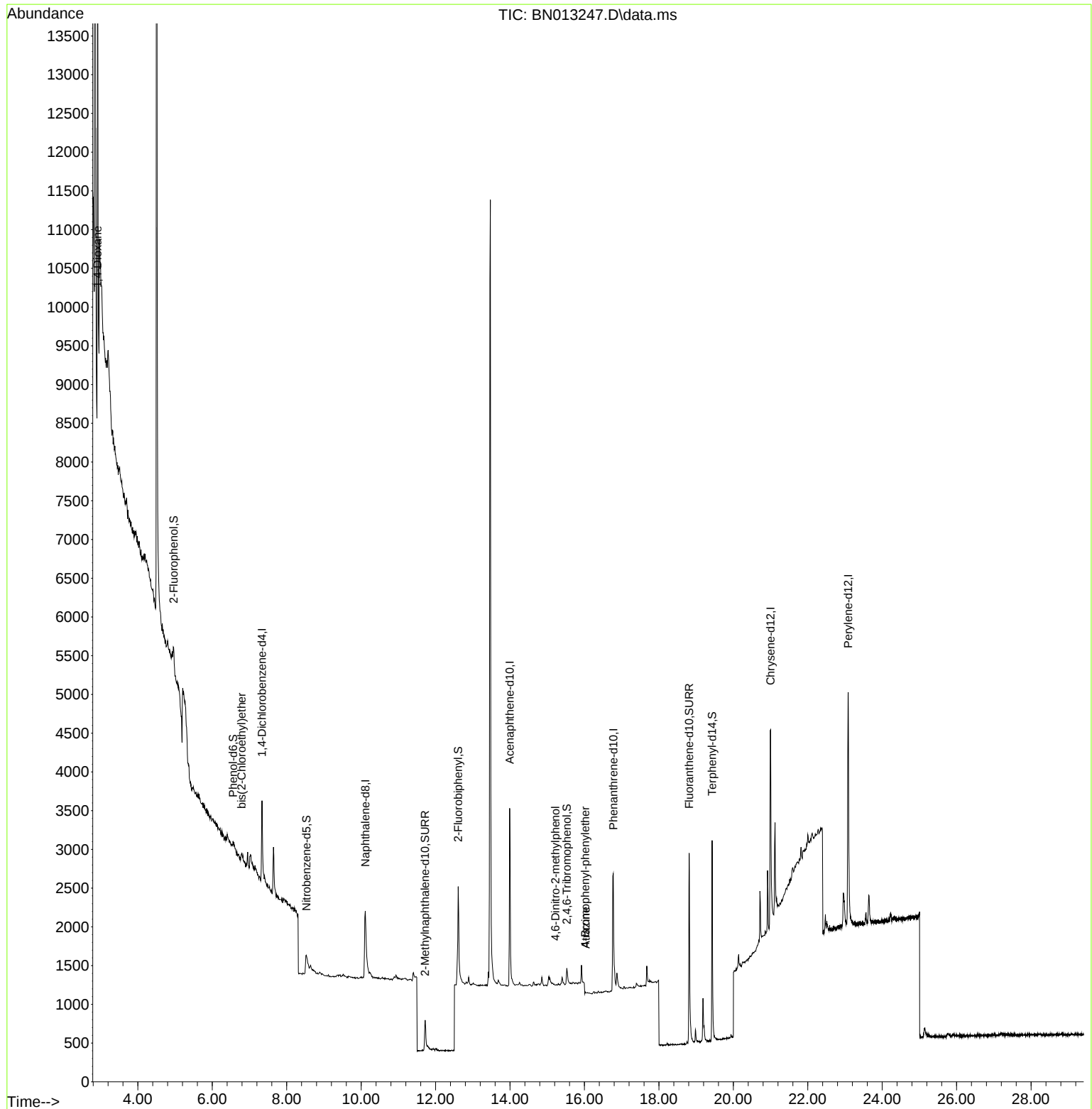
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	638	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2267	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1494	0.40	ng	-0.01
19) Phenanthrene-d10	16.775	188	3126	0.40	ng	# 0.00
29) Chrysene-d12	21.003	240	3643	0.40	ng	# 0.00
36) Perylene-d12	23.086	264	4216	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	252	0.10	ng	0.00
5) Phenol-d6	6.557	99	136	0.05	ng	0.00
8) Nitrobenzene-d5	8.528	82	570	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	11.720	152	923	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	235	0.25	ng	-0.01
15) 2-Fluorobiphenyl	12.608	172	1473	0.24	ng	-0.03
27) Fluoranthene-d10	18.813	212	3563	0.35	ng	0.00
31) Terphenyl-d14	19.429	244	3175	0.34	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.917	88	6157	5.53	ng	# 91
6) bis(2-Chloroethyl)ether	6.790	93	97	0.06	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.222	198	5	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	137	0.22	ng	# 75
23) Atrazine	16.033	200	171	0.09	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.918	149	767	Below	Cal	96

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

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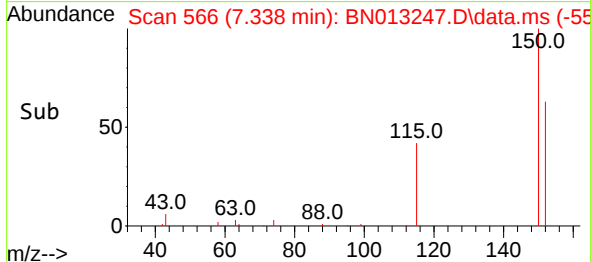
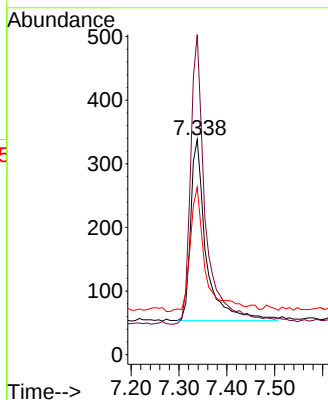
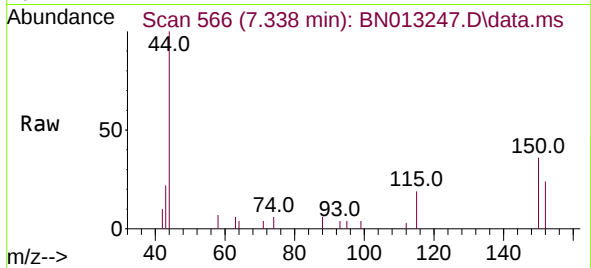




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

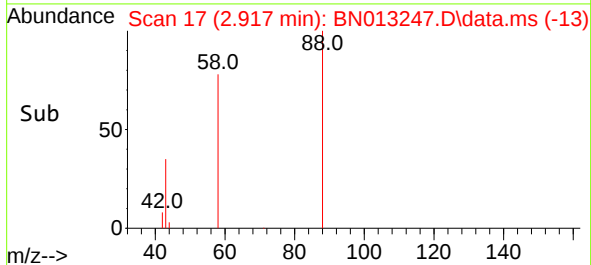
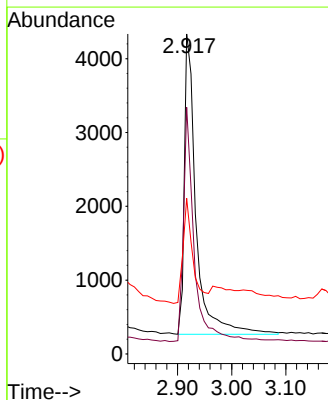
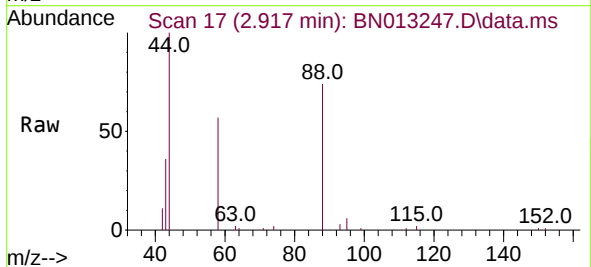
Instrument :
BNA_N
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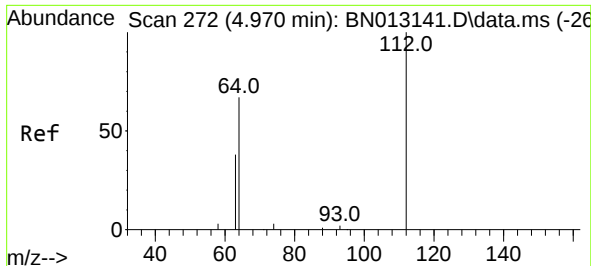
Tgt Ion:152 Resp: 638
Ion Ratio Lower Upper
152 100
150 148.8 116.6 174.8
115 77.8 52.9 79.3



#2
1,4-Dioxane
Concen: 5.53 ng
RT: 2.917 min Scan# 17
Delta R.T. -0.016 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

Tgt Ion: 88 Resp: 6157
Ion Ratio Lower Upper
88 100
58 70.9 59.4 89.2
43 29.1 32.3 48.5#

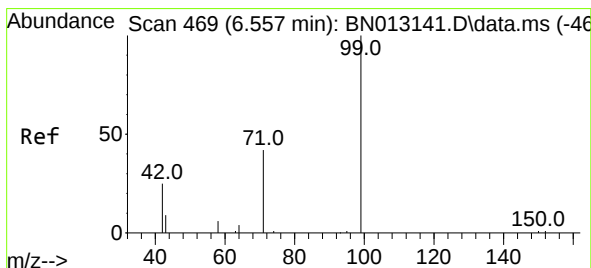
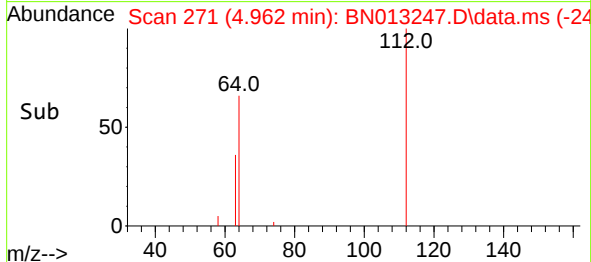
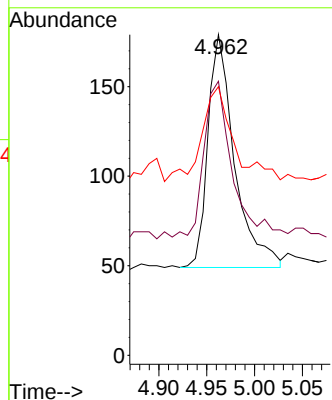
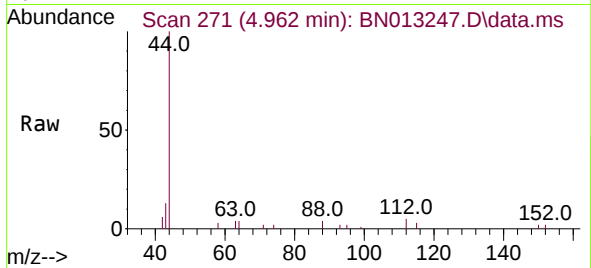




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.000 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

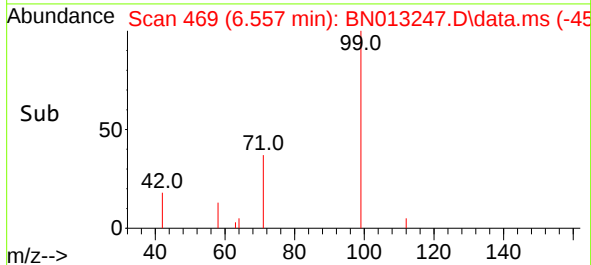
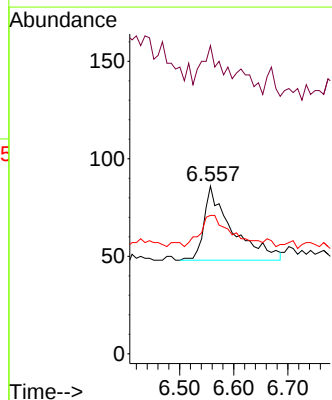
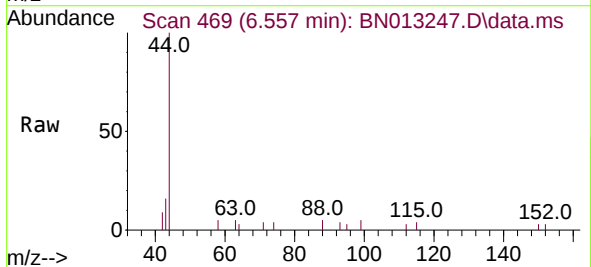
Instrument :
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ClientSampleId :
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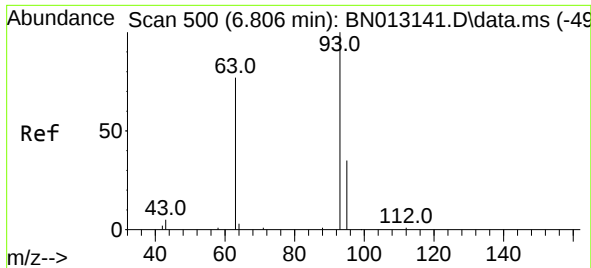
Tgt Ion:	112	Resp:	252
Ion Ratio	Lower	Upper	
112	100		
64	74.2	49.5	74.3
63	34.1	32.0	48.0



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

Tgt Ion:	99	Resp:	136
Ion Ratio	Lower	Upper	
99	100		
42	31.6	22.4	33.6
71	45.6	37.8	56.6

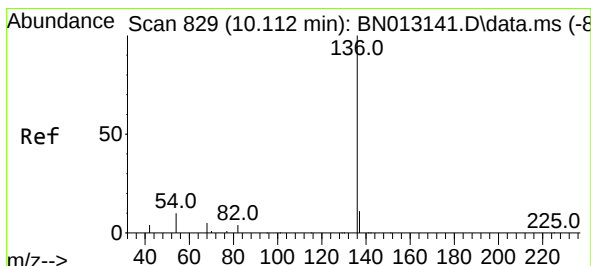
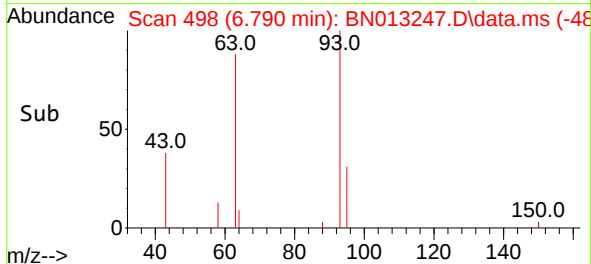
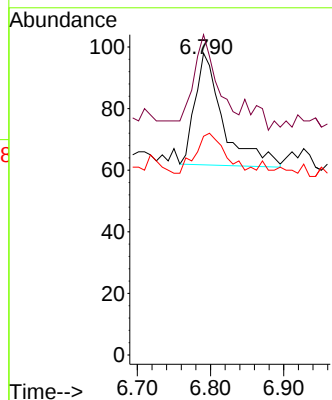
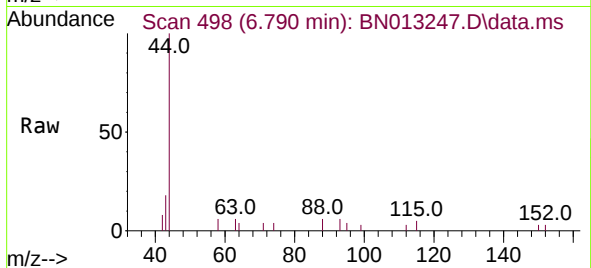




#6
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 6.790 min Scan# 498
Delta R.T. -0.008 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

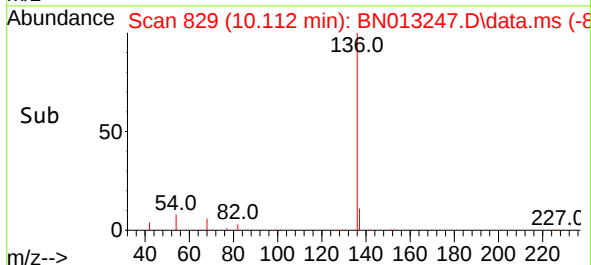
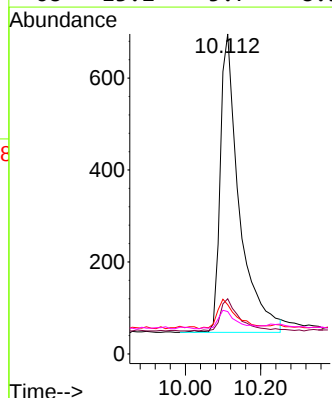
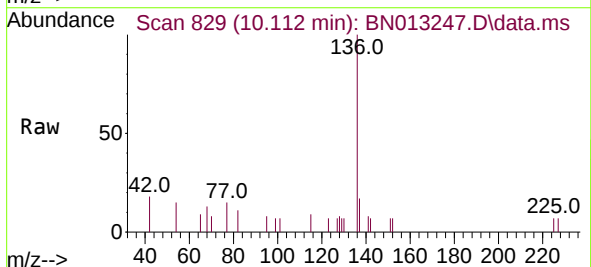
Instrument :
BNA_N
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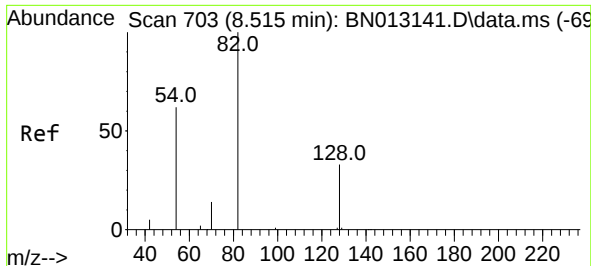
Tgt Ion: 93 Resp: 97
Ion Ratio Lower Upper
93 100
63 61.9 63.1 94.7#
95 38.1 26.1 39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.000 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

Tgt Ion: 136 Resp: 2267
Ion Ratio Lower Upper
136 100
137 17.2 10.6 15.8#
54 15.4 8.6 12.8#
68 13.2 5.7 8.5#

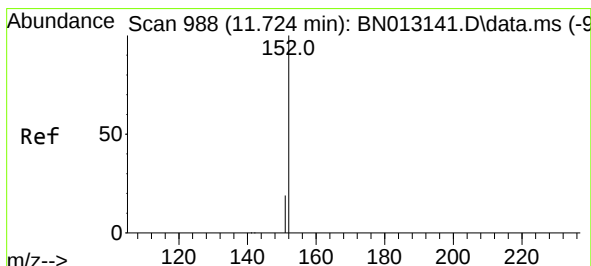
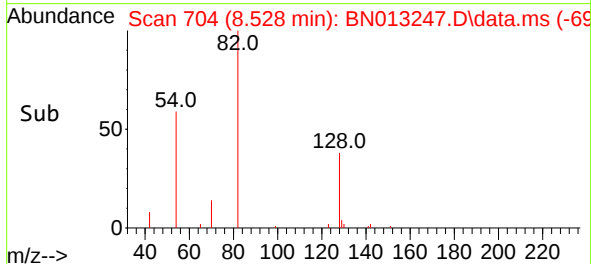
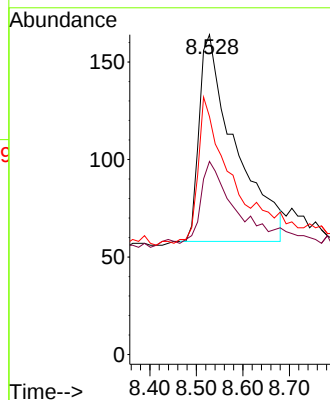
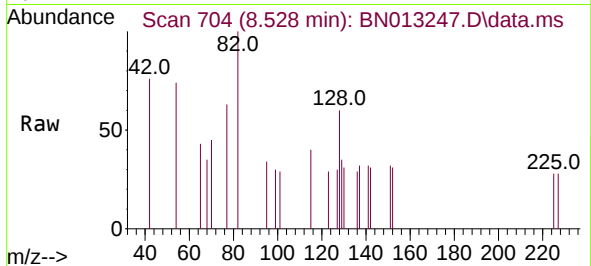




#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.528 min Scan# 704
Delta R.T. 0.000 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

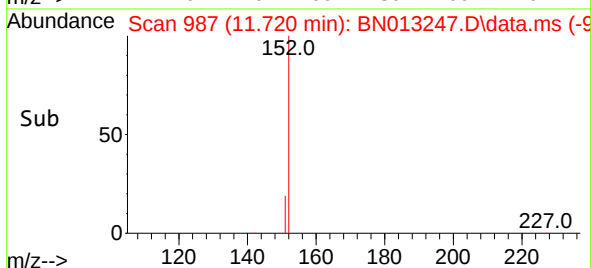
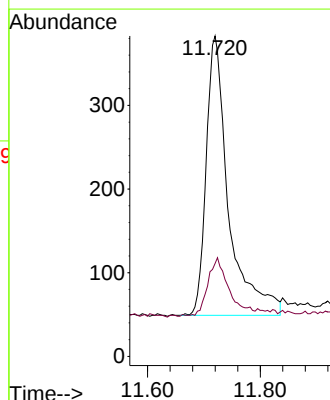
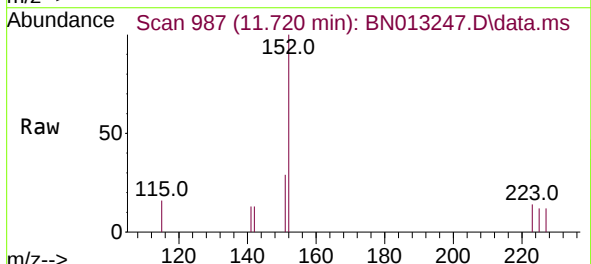
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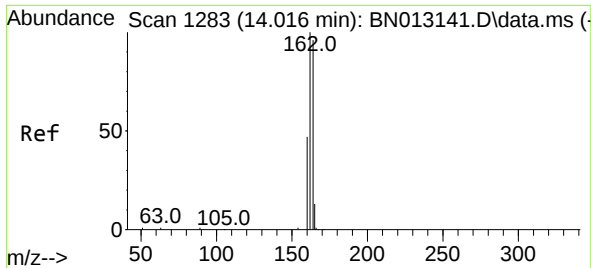
Tgt Ion: 82 Resp: 570
Ion Ratio Lower Upper
82 100
128 60.4 30.6 46.0#
54 74.4 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.720 min Scan# 987
Delta R.T. -0.004 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

Tgt Ion:152 Resp: 923
Ion Ratio Lower Upper
152 100
151 19.1 16.7 25.1

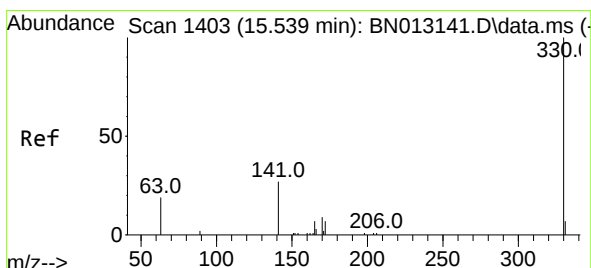
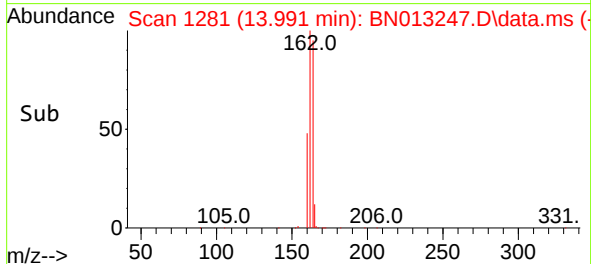
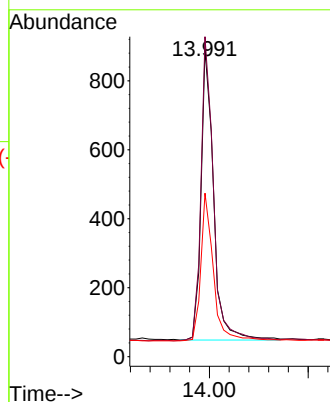
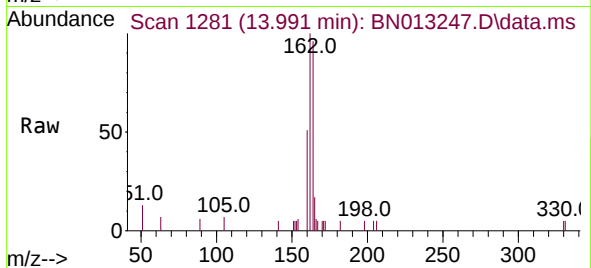




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.013 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

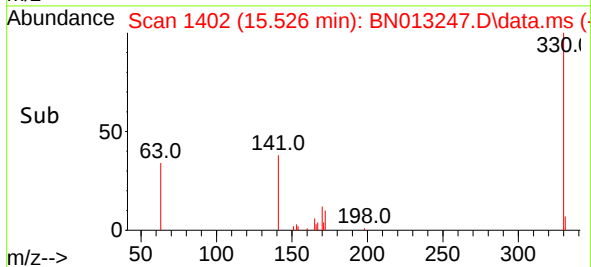
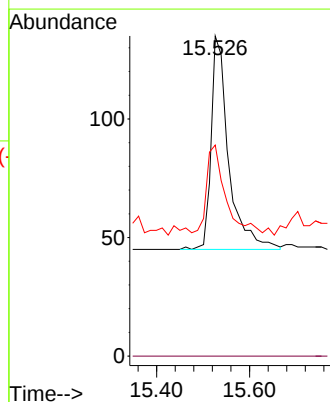
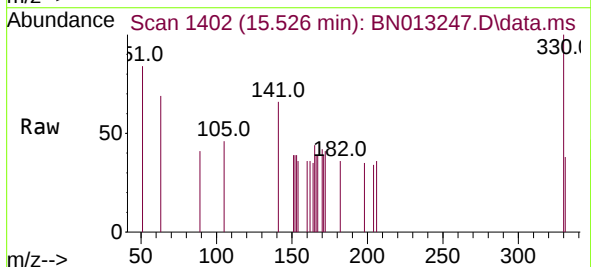
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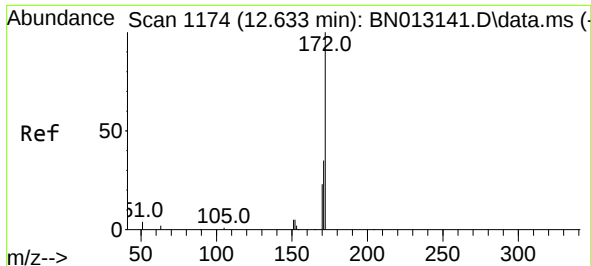
Tgt Ion:	164	Resp:	1494
Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.6	120.8
160	53.2	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.013 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

Tgt Ion:	330	Resp:	235
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.6	34.4	51.6

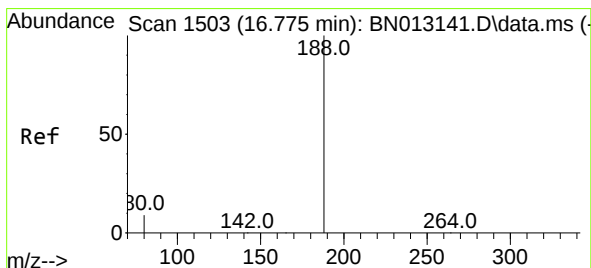
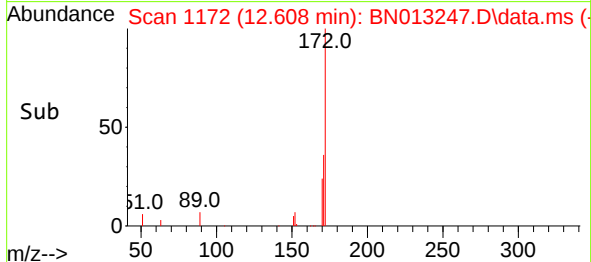
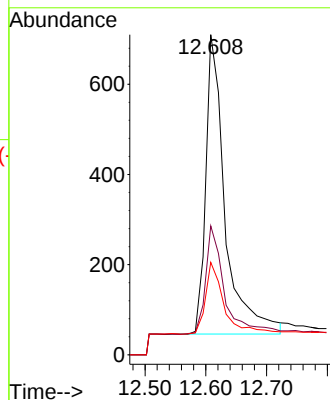
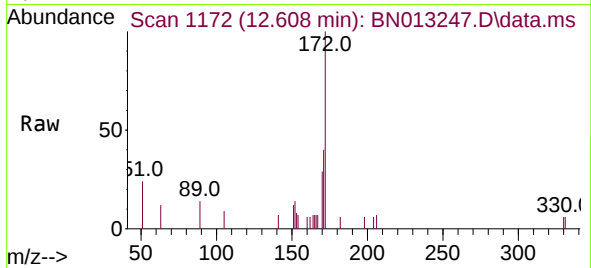




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.025 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

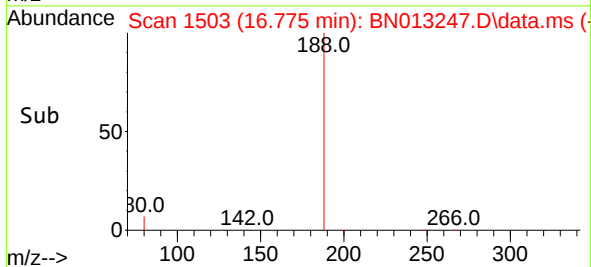
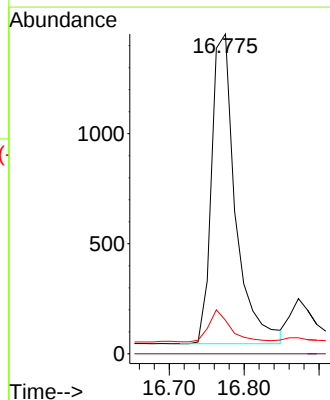
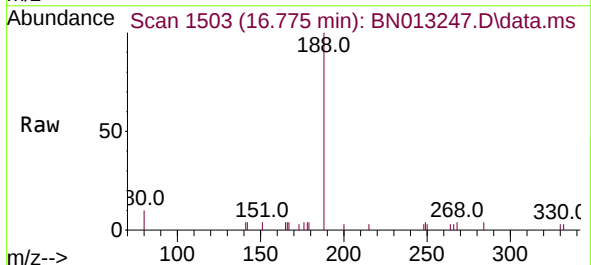
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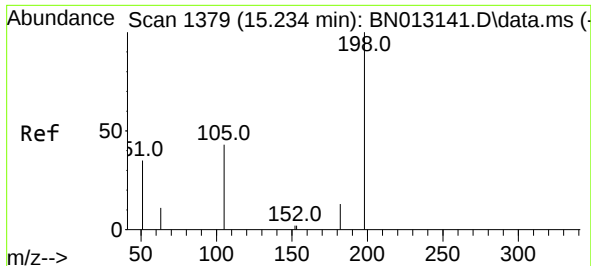
Tgt Ion:	172	Resp:	1473
Ion	Ratio	Lower	Upper
172	100		
171	40.3	28.2	42.4
170	28.9	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

Tgt Ion:	188	Resp:	3126
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	5.0	7.4#

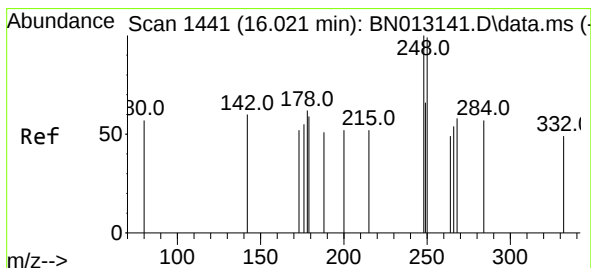
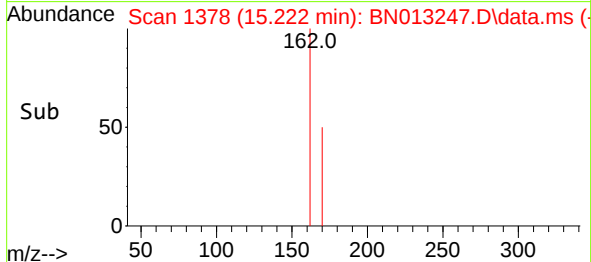
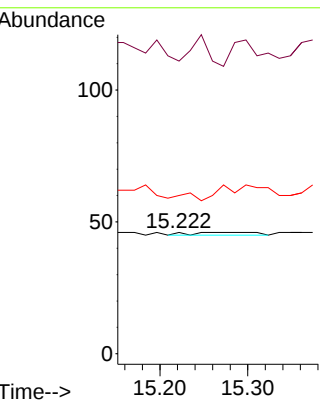
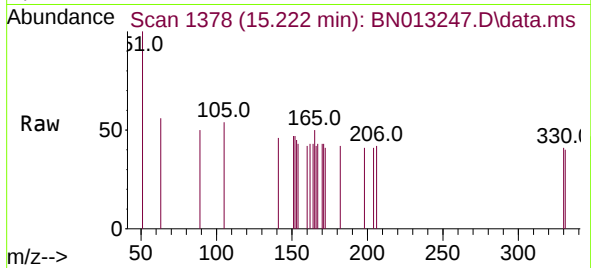




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.222 min Scan# 1378
Delta R.T. -0.038 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

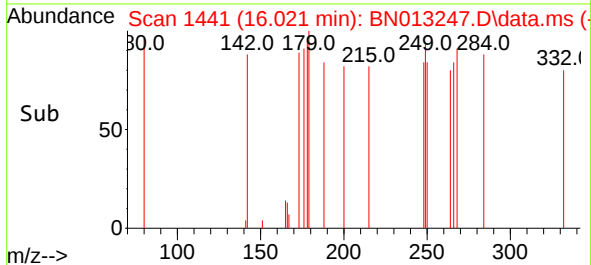
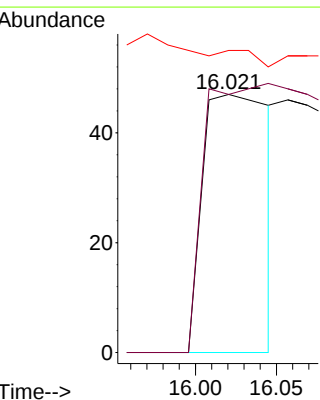
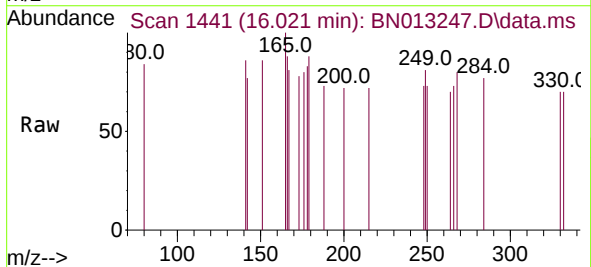
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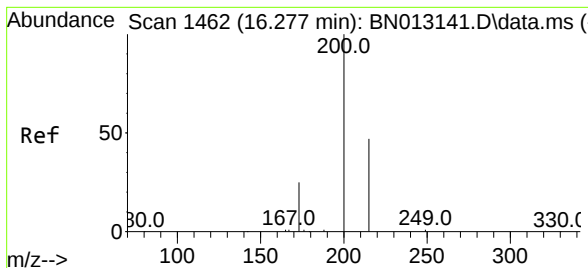
Tgt Ion:	198	Resp:	5
Ion	Ratio	Lower	Upper
198	100		
51	241.3	43.5	65.3#
105	130.4	27.2	40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.22 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

Tgt Ion:	248	Resp:	137
Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.3	115.9
141	117.0	57.8	86.8#

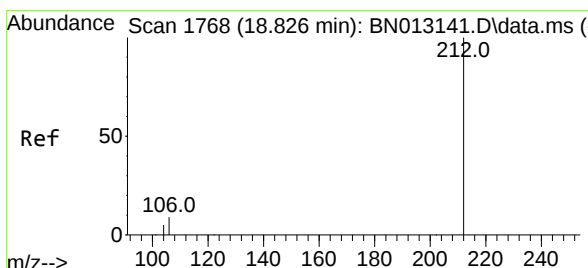
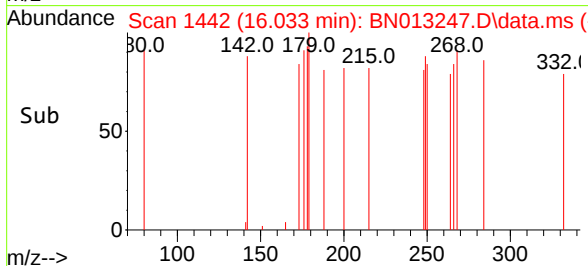
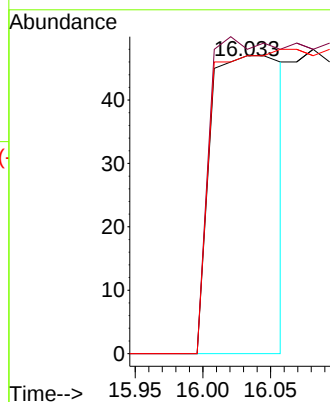
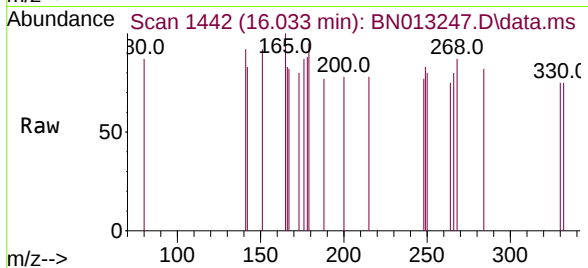




#23
Atrazine
Concen: 0.09 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.244 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

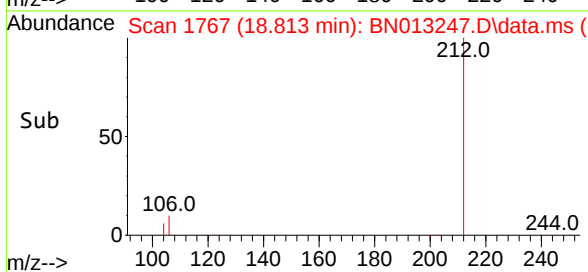
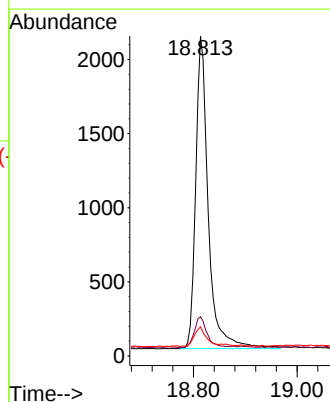
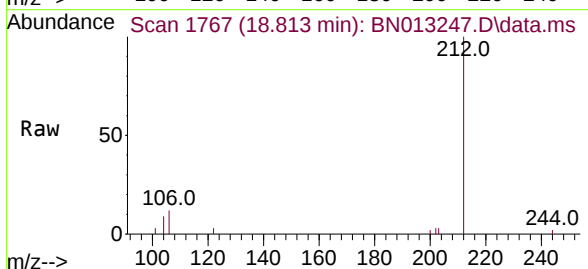
Instrument :
BNA_N
ClientSampleId :
TT101D-20201211

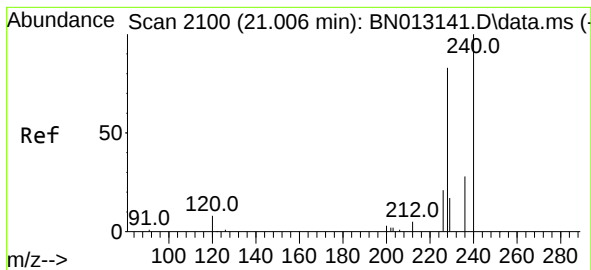
Tgt Ion:200 Resp: 171
Ion Ratio Lower Upper
200 100
173 102.1 22.8 34.2#
215 100.0 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.008 min
Lab File: BN013247.D
Acq: 21 Dec 2020 21:41

Tgt Ion:212 Resp: 3563
Ion Ratio Lower Upper
212 100
106 9.9 6.8 10.2
104 6.0 4.1 6.1





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.003 min Scan# 2101

Delta R.T. -0.003 min

Lab File: BN013247.D

Acq: 21 Dec 2020 21:41

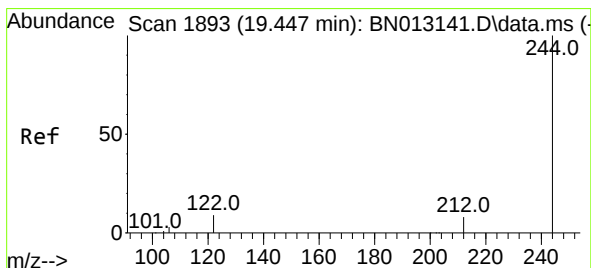
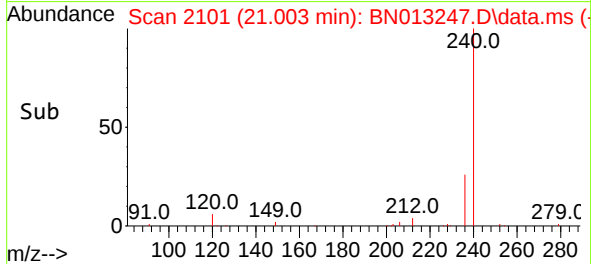
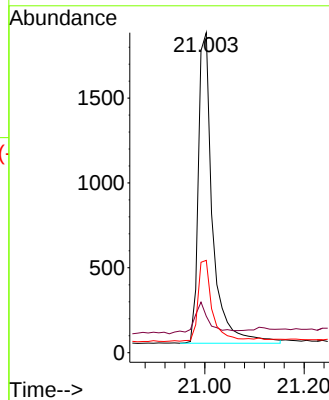
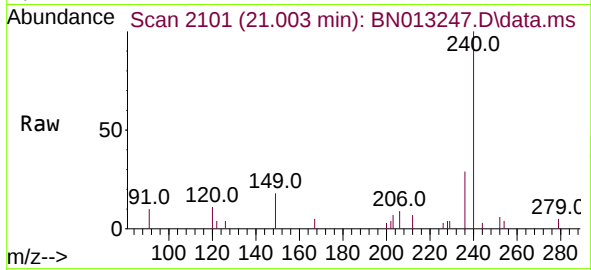
Tgt Ion:240 Resp: 3643

Ion Ratio Lower Upper

240 100

120 11.4 5.3 7.9#

236 28.8 21.8 32.8



#31

Terphenyl-d14

Concen: 0.34 ng

RT: 19.429 min Scan# 1891

Delta R.T. -0.018 min

Lab File: BN013247.D

Acq: 21 Dec 2020 21:41

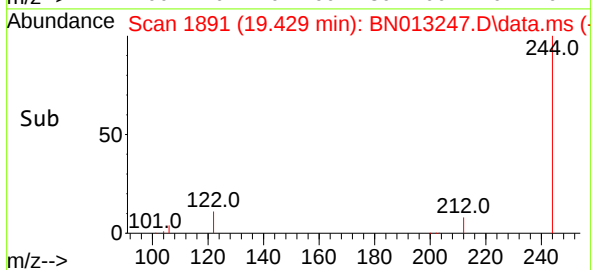
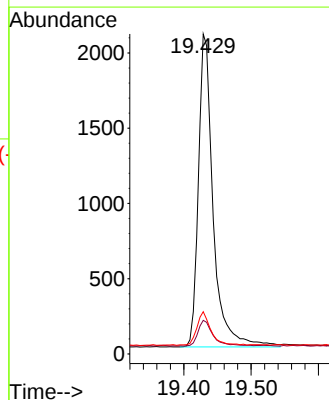
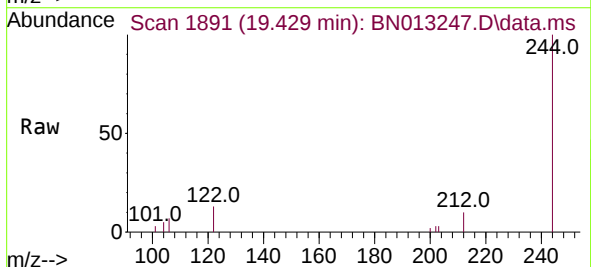
Tgt Ion:244 Resp: 3175

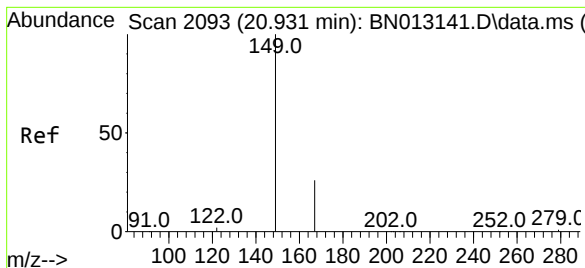
Ion Ratio Lower Upper

244 100

212 10.5 7.3 10.9

122 13.2 7.3 10.9#

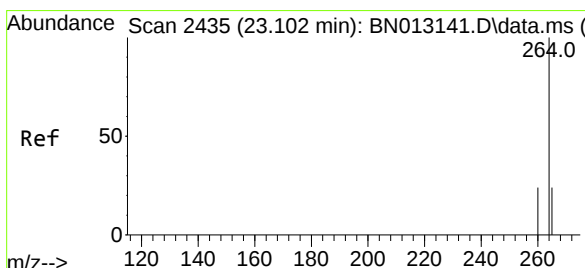
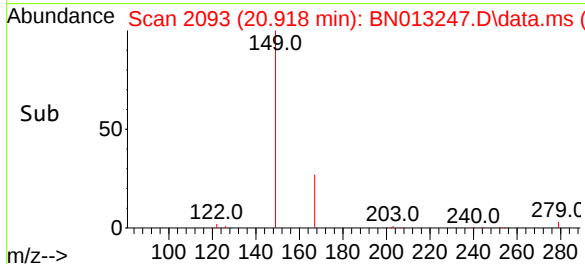
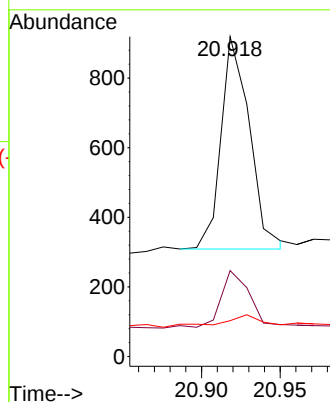
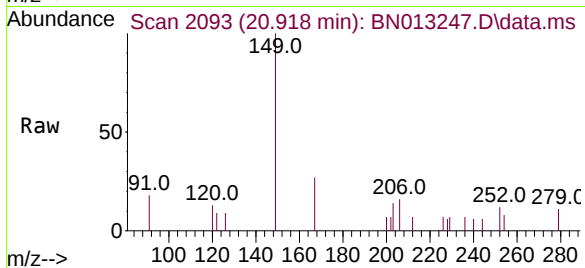




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.918 min Scan# 2093
 Delta R.T. -0.003 min
 Lab File: BN013247.D
 Acq: 21 Dec 2020 21:41

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20201211

Tgt Ion:149	Resp:	767
Ion Ratio	Lower	Upper
149	100	
167	26.5	23.2 34.8
279	4.0	3.9 5.9



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.086 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN013247.D
 Acq: 21 Dec 2020 21:41

Tgt Ion:264	Resp:	4216
Ion Ratio	Lower	Upper
264	100	
260	26.1	19.8 29.6
265	71.5	51.4 77.0

