

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013150.D
 Acq On : 16 Dec 2020 03:32
 Operator : CG/JU
 Sample : PB133530BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB133530BL

Quant Time: Dec 16 04:48:58 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

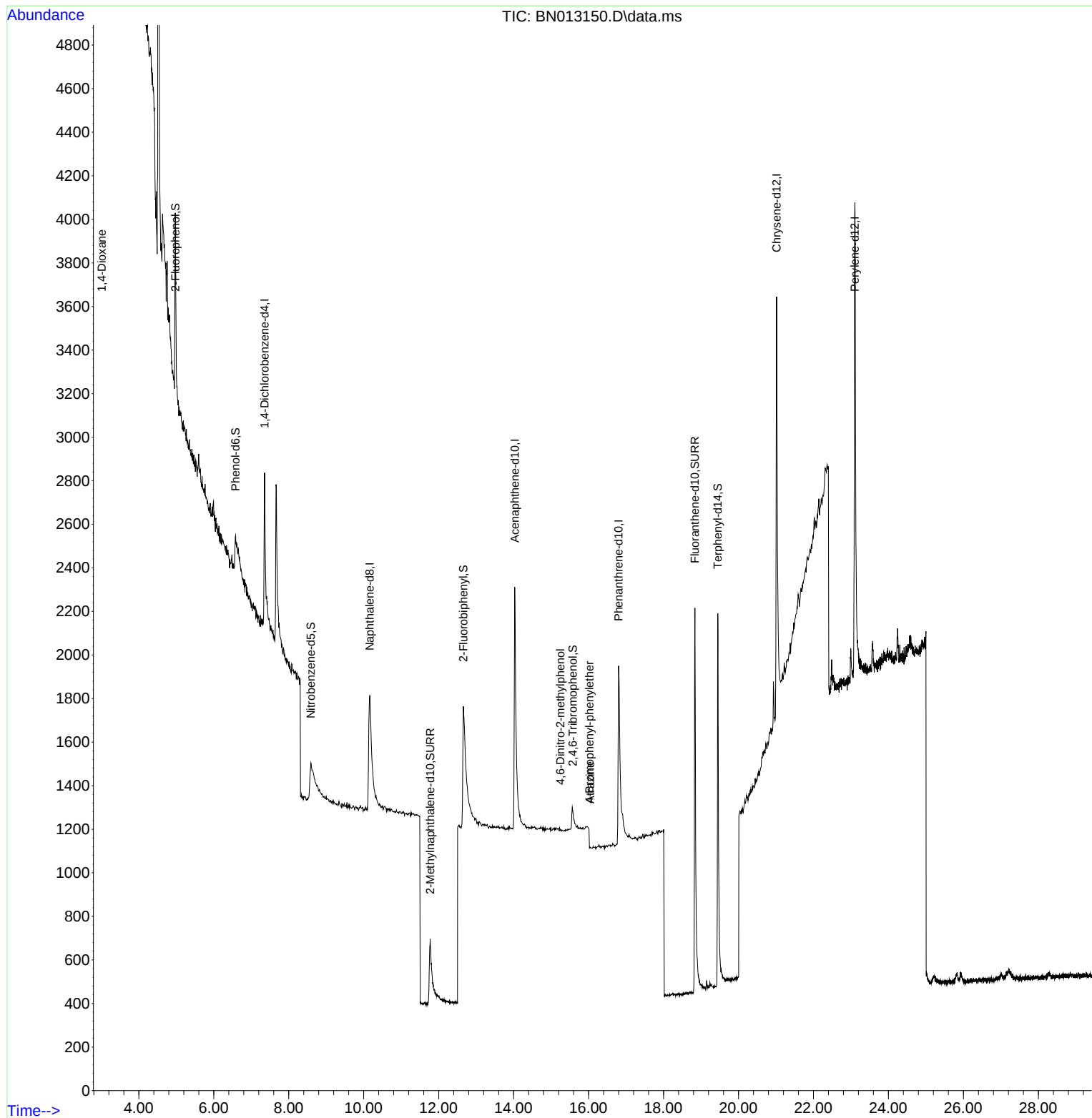
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.354	152	663	0.40	ng	# 0.00
7) Naphthalene-d8	10.163	136	2115	0.40	ng	# 0.05
13) Acenaphthene-d10	14.029	164	1430	0.40	ng	0.01
19) Phenanthrene-d10	16.800	188	2988	0.40	ng	# 0.02
29) Chrysene-d12	21.016	240	3243	0.40	ng	# 0.01
36) Perylene-d12	23.102	264	3987	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	832	0.31	ng	0.00
5) Phenol-d6	6.581	99	588	0.21	ng	0.02
8) Nitrobenzene-d5	8.591	82	560	0.26	ng	0.08
11) 2-Methylnaphthalene-d10	11.773	152	1255	0.34	ng	0.05
14) 2,4,6-Tribromophenol	15.577	330	180	0.20	ng	0.04
15) 2-Fluorobiphenyl	12.659	172	1457	0.24	ng	0.03
27) Fluoranthene-d10	18.836	212	3506	0.36	ng	0.00
31) Terphenyl-d14	19.446	244	2965	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.013	88	112	0.10	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.247	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	101	0.17	ng	# 80
23) Atrazine	16.045	200	170	0.10	ng	# 4
34) Bis(2-ethylhexyl)phtha...	20.931	149	222	Below Cal		# 91

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

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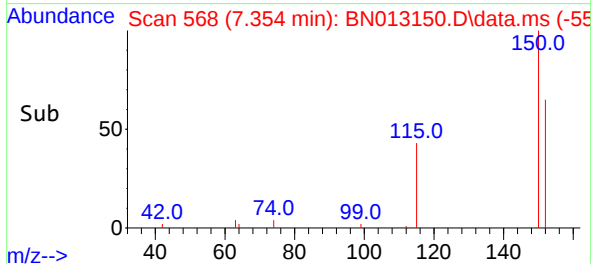
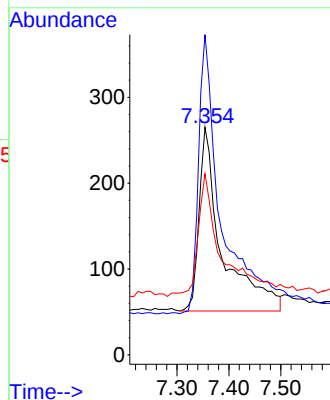
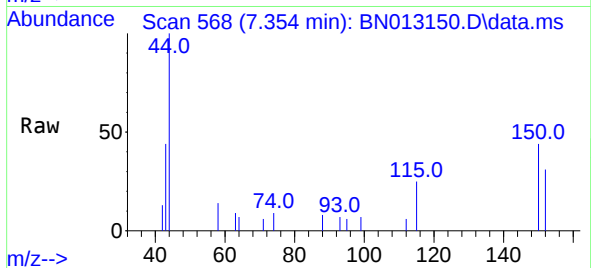




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.354 min Scan# 568
Delta R.T. -0.000 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

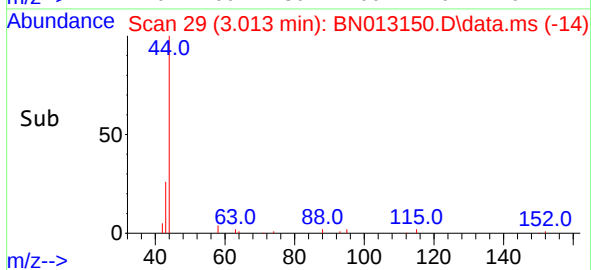
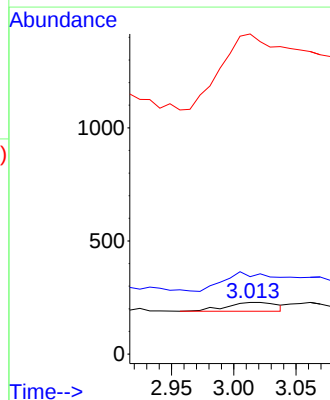
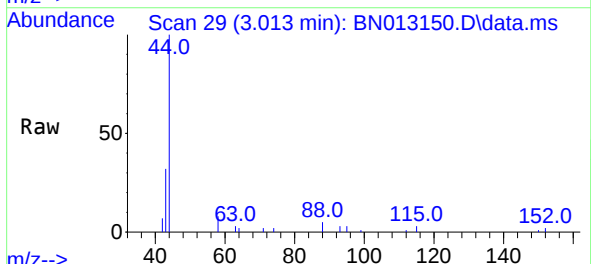
Instrument :
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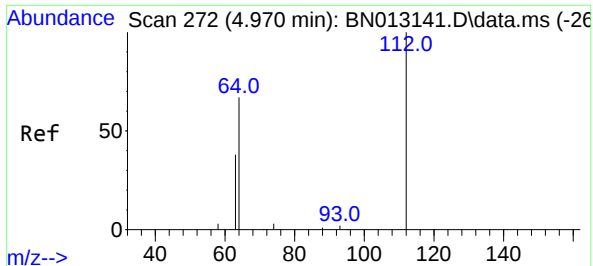
Tgt Ion:152 Resp: 663
Ion Ratio Lower Upper
152 100
150 140.8 116.6 174.8
115 79.6 52.9 79.3#



#2
1,4-Dioxane
Concen: 0.10 ng
RT: 3.013 min Scan# 29
Delta R.T. 0.072 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion: 88 Resp: 112
Ion Ratio Lower Upper
88 100
58 324.1 59.4 89.2#
43 1843.8 32.3 48.5#



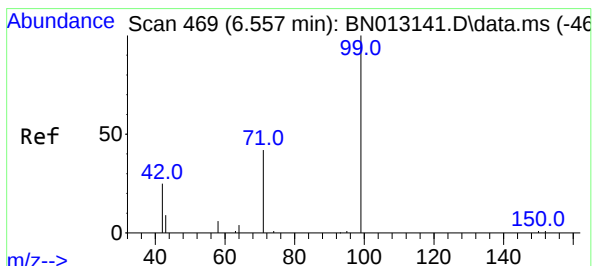
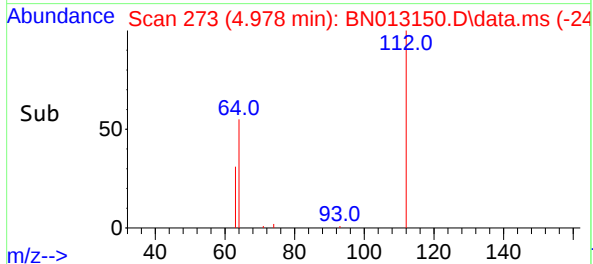
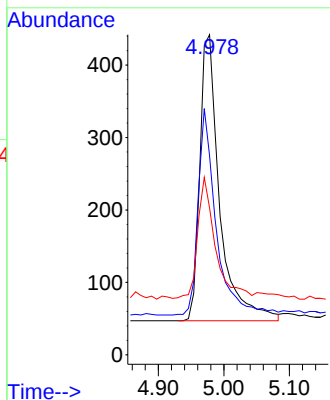
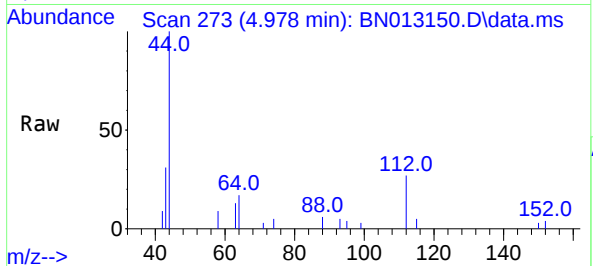


#4
2-Fluorophenol
Concen: 0.31 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Instrument :
BNA_N
ClientSampleId :
PB133530BL

Tgt Ion: 112 Resp: 832

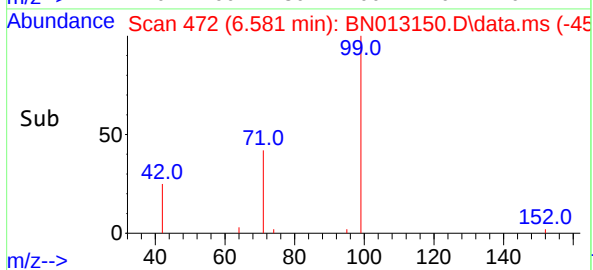
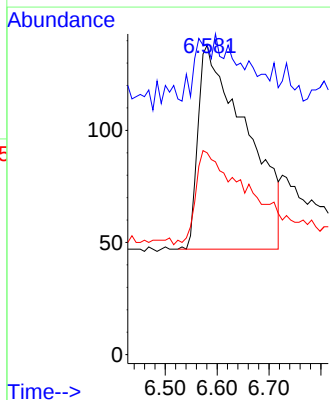
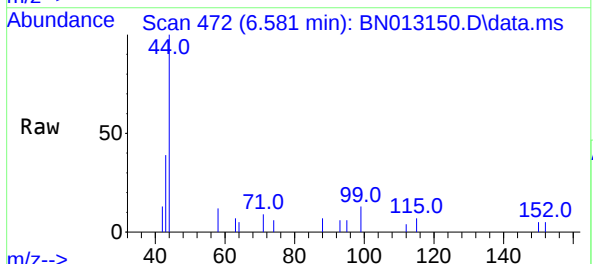
Ion	Ratio	Lower	Upper
112	100		
64	65.6	49.5	74.3
63	37.1	32.0	48.0

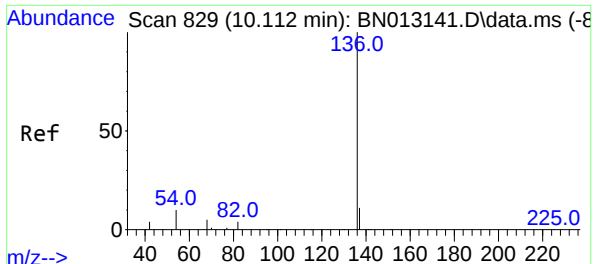


#5
Phenol-d6
Concen: 0.21 ng
RT: 6.581 min Scan# 472
Delta R.T. 0.024 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion: 99 Resp: 588

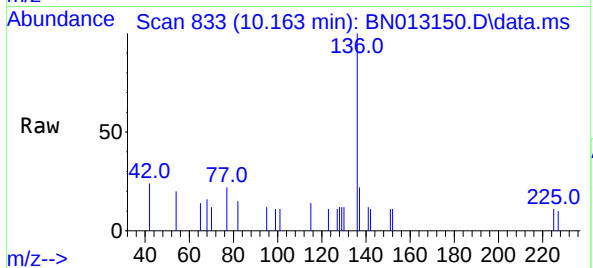
Ion	Ratio	Lower	Upper
99	100		
42	10.7	22.4	33.6
71	49.1	37.8	56.6





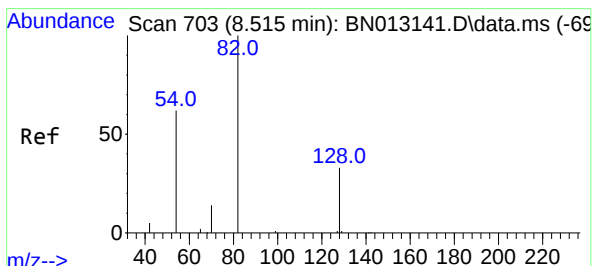
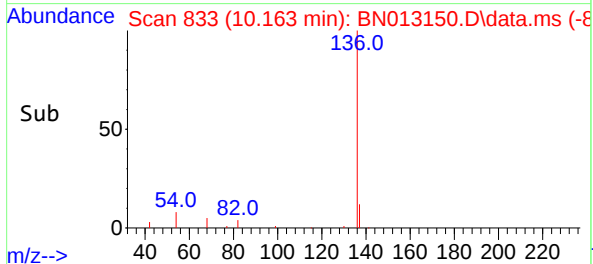
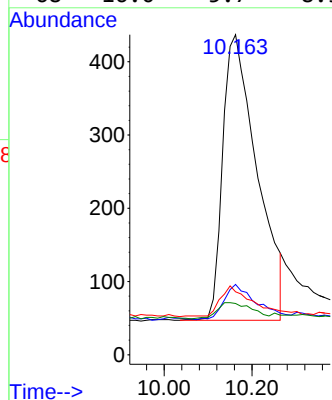
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.163 min Scan# 833
Delta R.T. 0.050 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 136 Resp: 2115

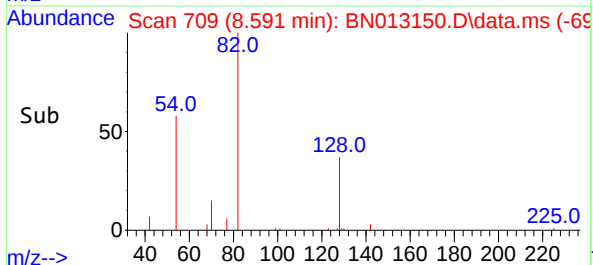
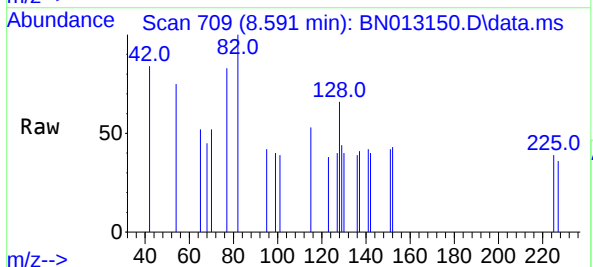
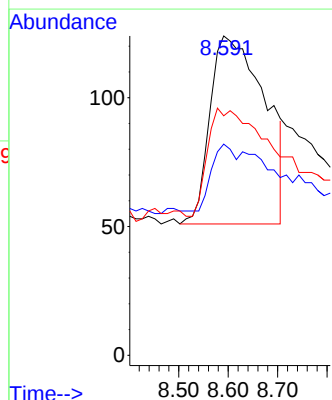
Ion	Ratio	Lower	Upper
136	100		
137	22.0	10.6	15.8#
54	19.7	8.6	12.8#
68	16.0	5.7	8.5#

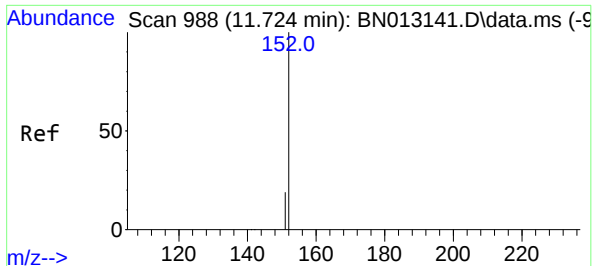


#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.591 min Scan# 709
Delta R.T. 0.076 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion: 82 Resp: 560

Ion	Ratio	Lower	Upper
82	100		
128	66.1	30.6	46.0#
54	75.0	48.3	72.5#

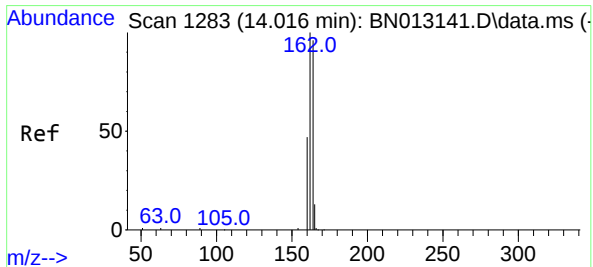
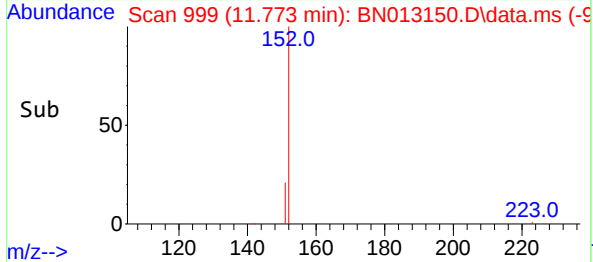
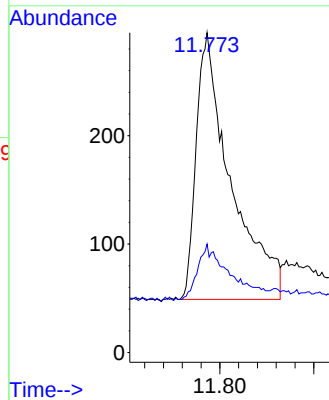
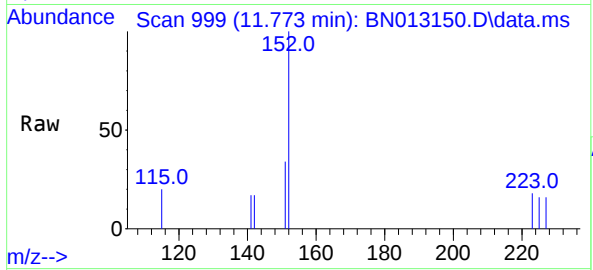




#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 11.773 min Scan# 999
Delta R.T. 0.049 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

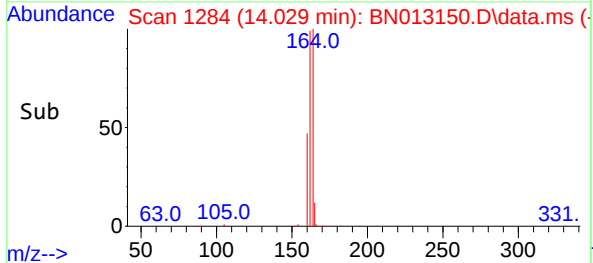
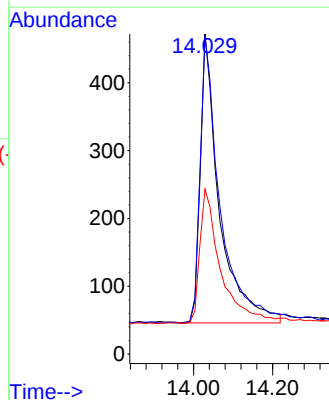
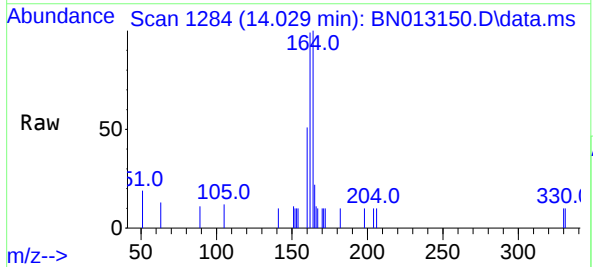
Instrument :
BNA_N
ClientSampleId :
PB133530BL

Tgt Ion:152 Resp: 1255
Ion Ratio Lower Upper
152 100
151 19.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. 0.013 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:164 Resp: 1430
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 51.5 39.5 59.3

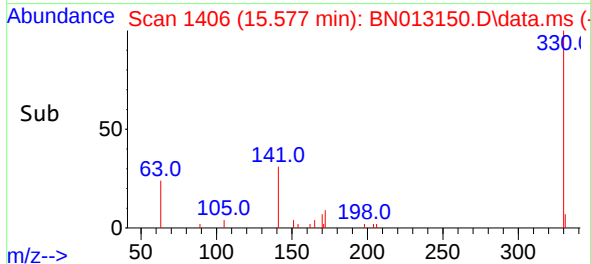
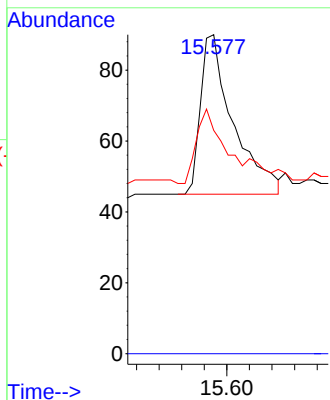
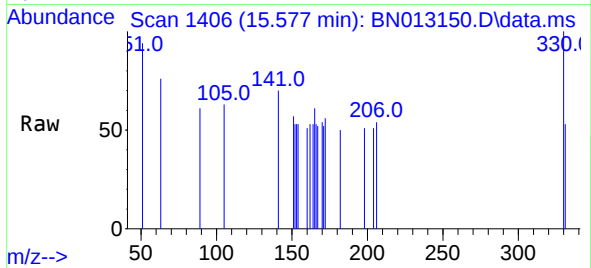




#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.577 min Scan# 1406
Delta R.T. 0.038 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

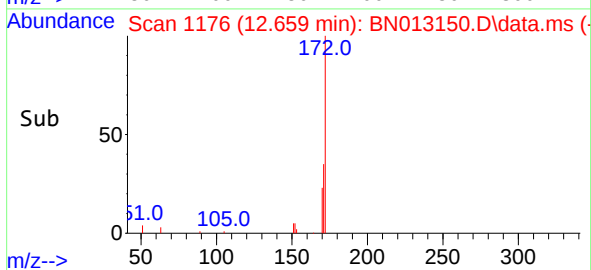
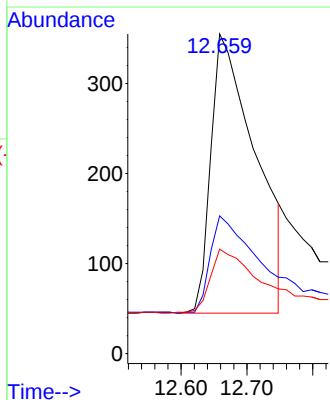
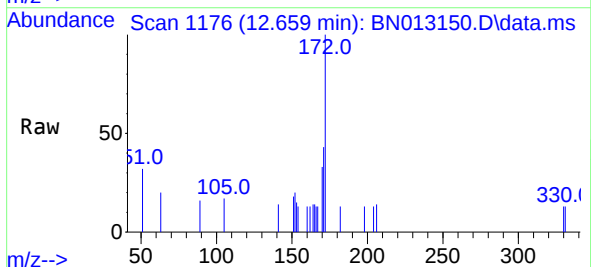
Instrument :
BNA_N
ClientSampleId :
PB133530BL

Tgt Ion:330 Resp: 180
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.6 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.659 min Scan# 1176
Delta R.T. 0.025 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:172 Resp: 1457
Ion Ratio Lower Upper
172 100
171 43.1 28.2 42.4#
170 32.7 20.0 30.0#

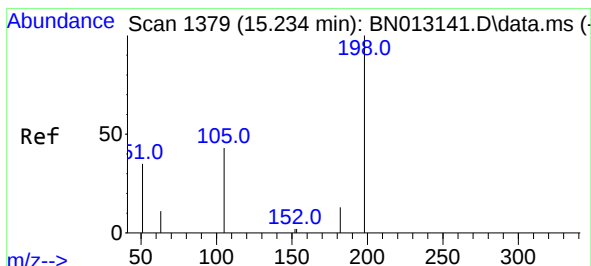
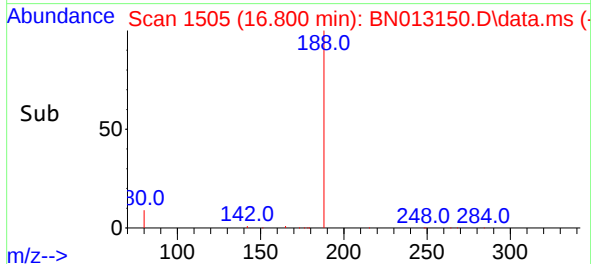
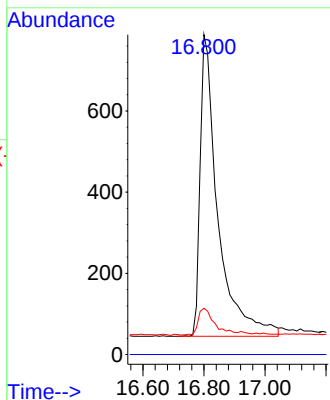
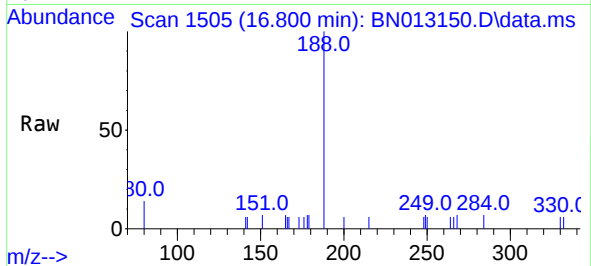




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.800 min Scan# 1505
Delta R.T. 0.025 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

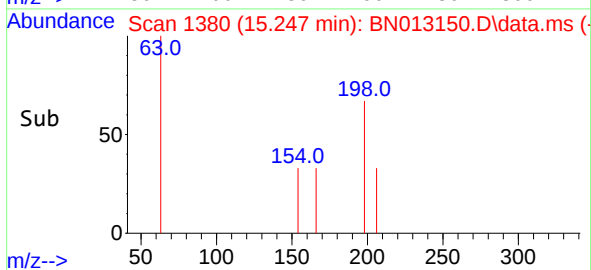
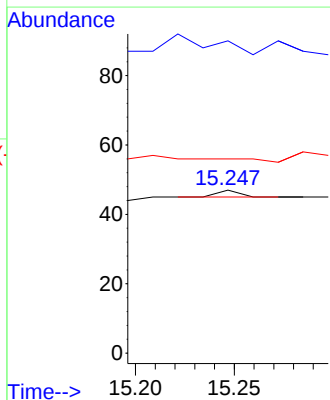
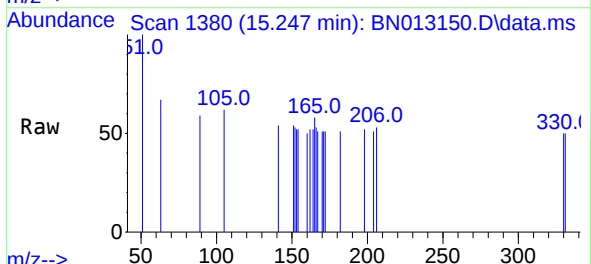
Instrument :
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ClientSampleId :
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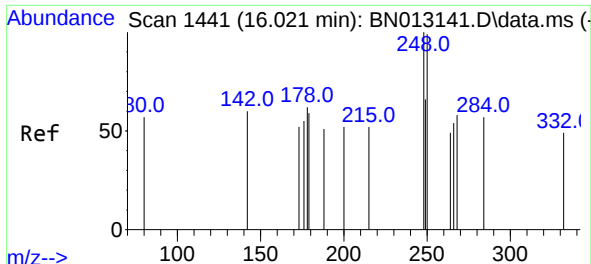
Tgt Ion:	188	Resp:	2988
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	5.0	7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.247 min Scan# 1380
Delta R.T. 0.013 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:	198	Resp:	2
Ion	Ratio	Lower	Upper
198	100		
51	191.5	43.5	65.3#
105	119.1	27.2	40.8#

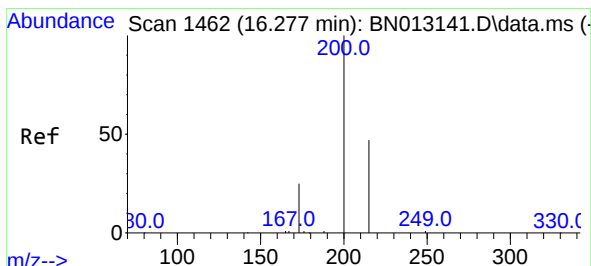
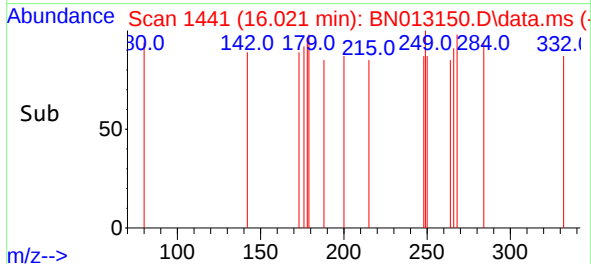
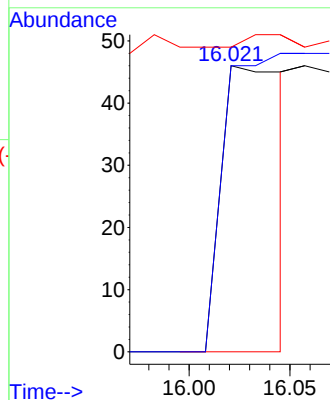
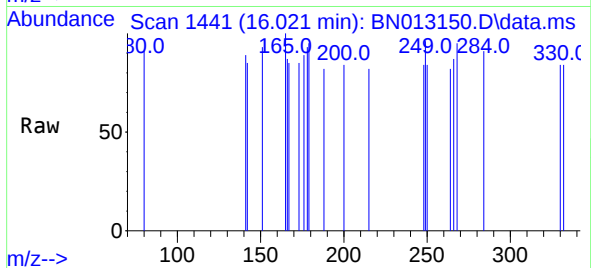




#21
4-Bromophenyl-phenylether
Concen: 0.17 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

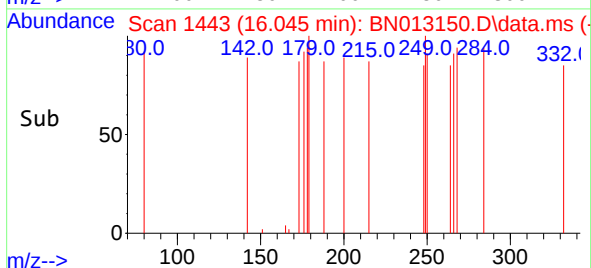
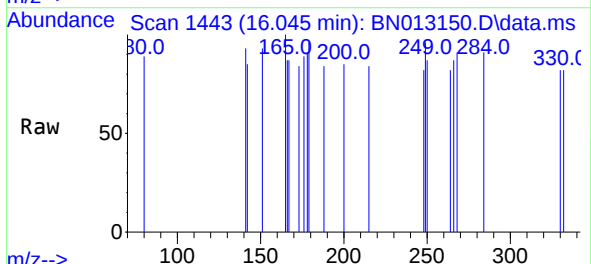
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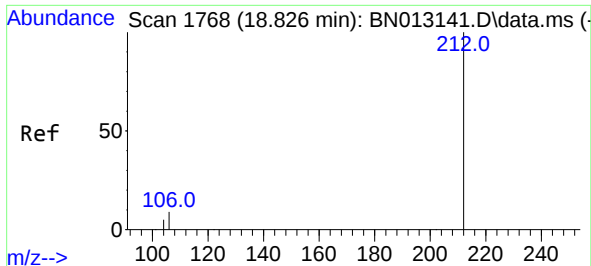
Tgt Ion:248 Resp: 101
Ion Ratio Lower Upper
248 100
250 100.0 77.3 115.9
141 106.5 57.8 86.8#



#23
Atrazine
Concen: 0.10 ng
RT: 16.045 min Scan# 1443
Delta R.T. -0.231 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:200 Resp: 170
Ion Ratio Lower Upper
200 100
173 97.9 22.8 34.2#
215 97.9 38.1 57.1#

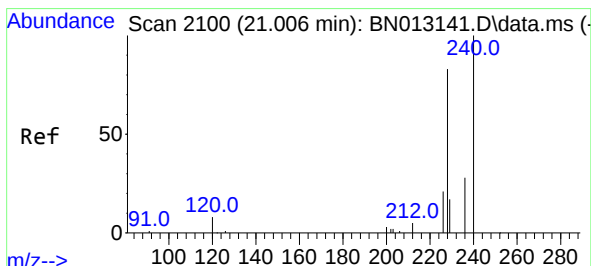
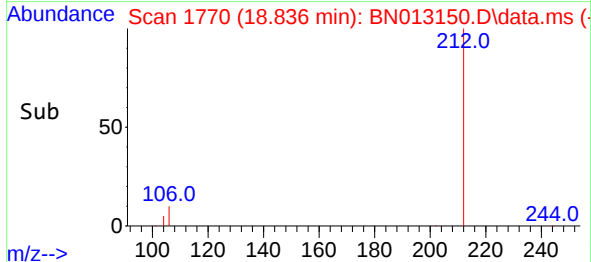
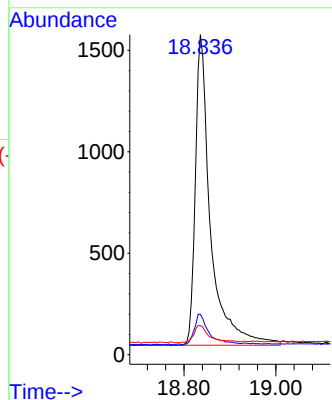
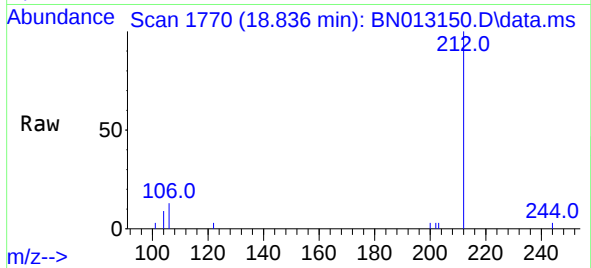




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.836 min Scan# 1770
Delta R.T. 0.010 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

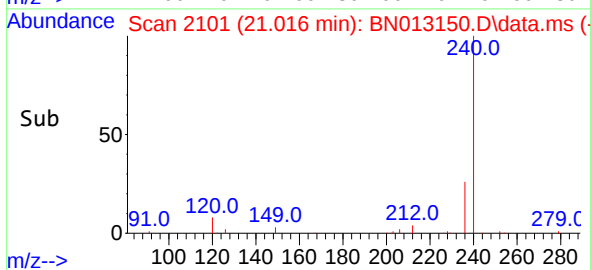
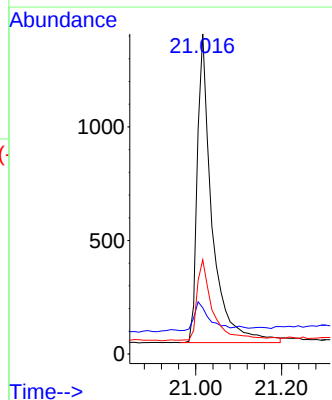
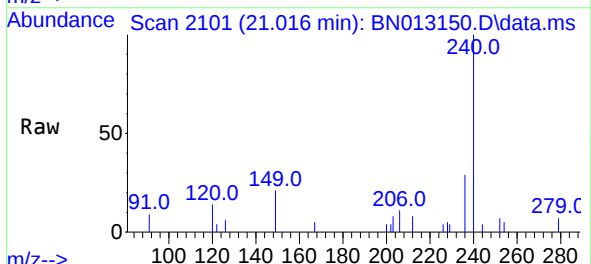
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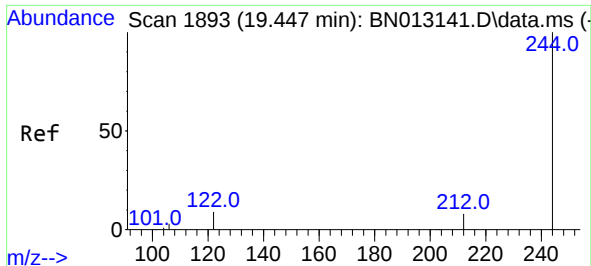
Tgt Ion:212 Resp: 3506
Ion Ratio Lower Upper
212 100
106 9.4 6.8 10.2
104 5.9 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:240 Resp: 3243
Ion Ratio Lower Upper
240 100
120 14.4 5.3 7.9#
236 29.5 21.8 32.8

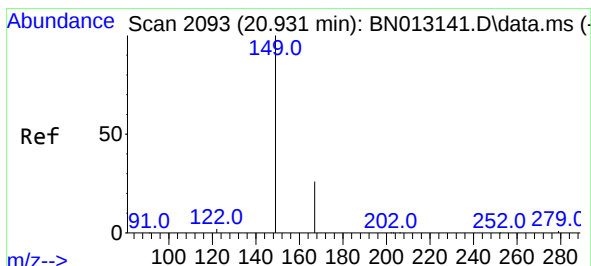
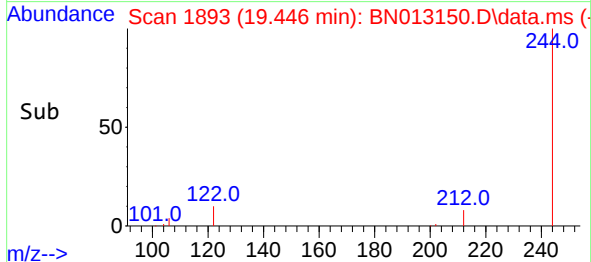
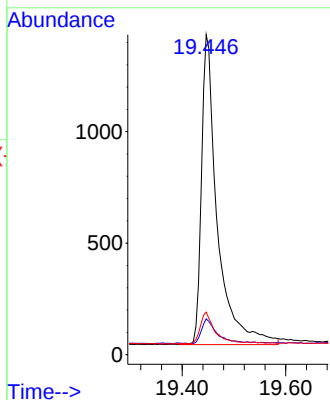
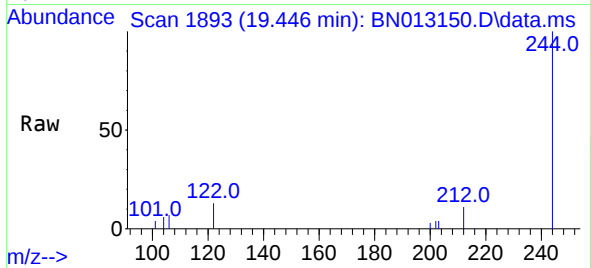




#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.446 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

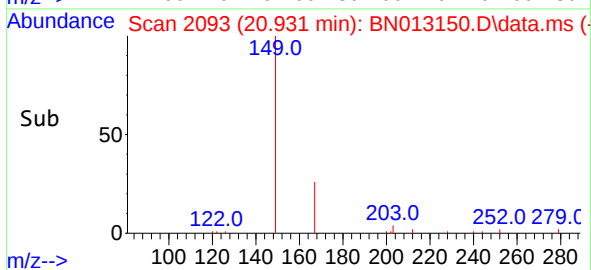
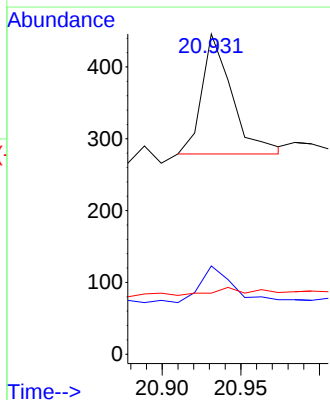
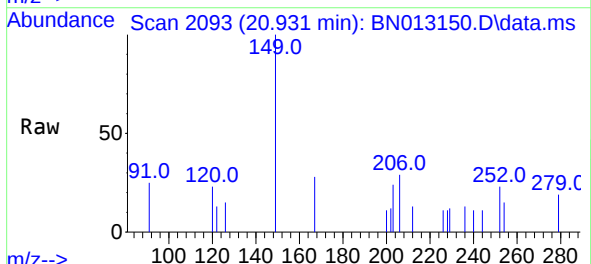
Instrument :
BNA_N
ClientSampleId :
PB133530BL

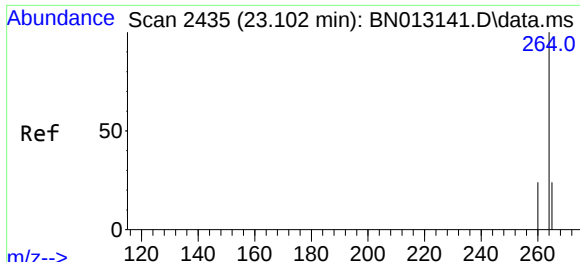
Tgt Ion:244 Resp: 2965
Ion Ratio Lower Upper
244 100
212 11.2 7.3 10.9#
122 13.3 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:149 Resp: 222
Ion Ratio Lower Upper
149 100
167 33.3 23.2 34.8
279 9.0 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: BN013150.D
 Acq: 16 Dec 2020 03:32

Instrument :
 BNA_N
 ClientSampleId :
 PB133530BL

Tgt Ion:	264	Resp:	3987
Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.8	29.6
265	87.5	51.4	77.0#

