

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013182.D
 Acq On : 17 Dec 2020 12:38
 Operator : CG/JU
 Sample : PB133540BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB133540BL

Quant Time: Dec 17 14:04:06 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)

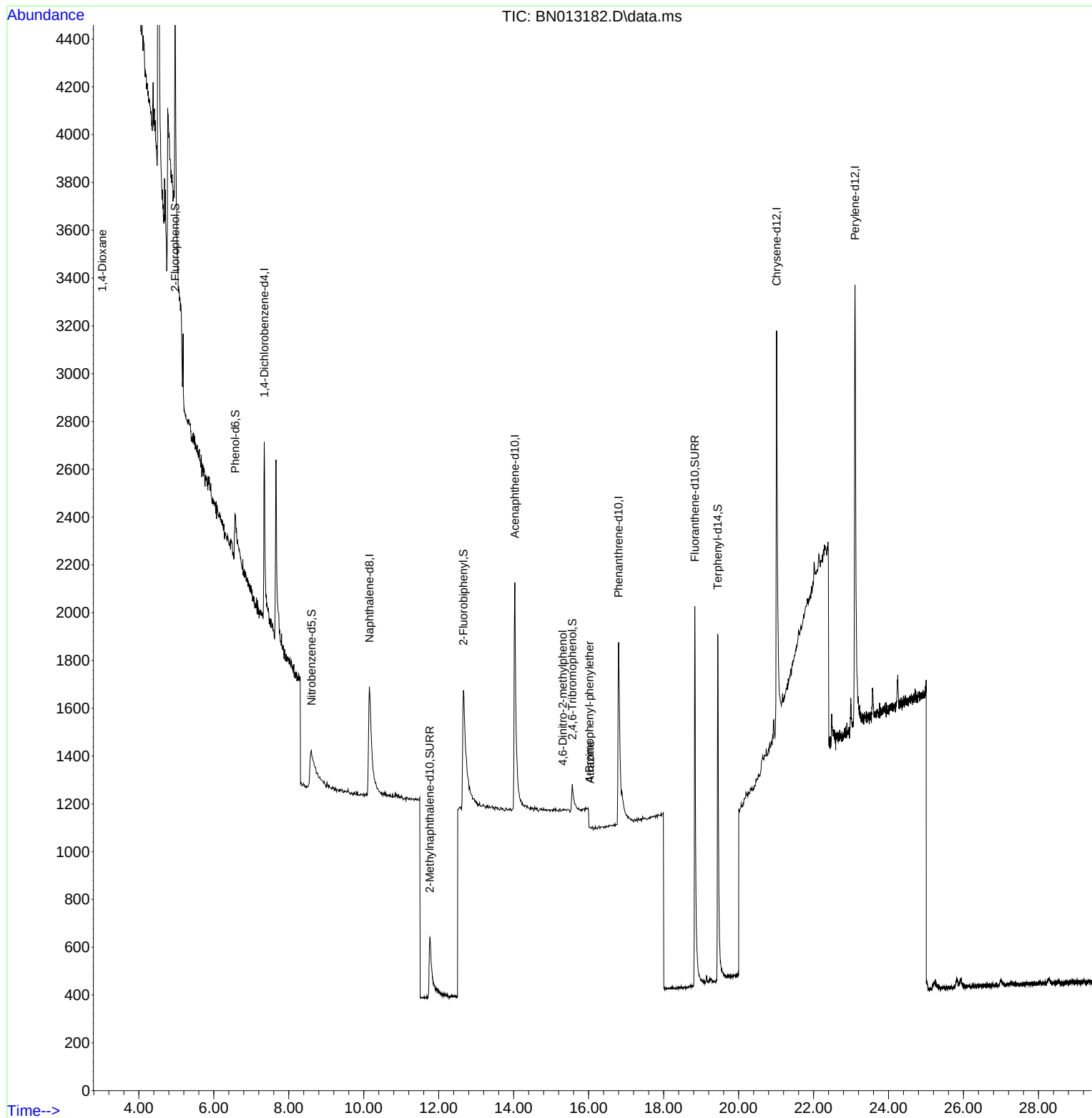
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	651	0.40	ng	0.00
7) Naphthalene-d8	10.150	136	1797	0.40	ng	# 0.04
13) Acenaphthene-d10	14.029	164	1225	0.40	ng	0.03
19) Phenanthrene-d10	16.799	188	2661	0.40	ng	# 0.02
29) Chrysene-d12	21.014	240	2842	0.40	ng	# 0.00
36) Perylene-d12	23.107	264	3353	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	918	0.34	ng	0.00
5) Phenol-d6	6.573	99	545	0.20	ng	0.02
8) Nitrobenzene-d5	8.604	82	457	0.25	ng	0.09
11) 2-Methylnaphthalene-d10	11.764	152	1085	0.34	ng	0.04
14) 2,4,6-Tribromophenol	15.564	330	165	0.21	ng	0.03
15) 2-Fluorobiphenyl	12.659	172	1387	0.27	ng	0.03
27) Fluoranthene-d10	18.833	212	3124	0.36	ng	0.00
31) Terphenyl-d14	19.444	244	2612	0.36	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.021	88	58	0.05	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.311	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	134	0.26	ng	# 80
23) Atrazine	16.045	200	268	0.17	ng	# 2
34) Bis(2-ethylhexyl)phtha...	20.929	149	91	Below Cal		# 92

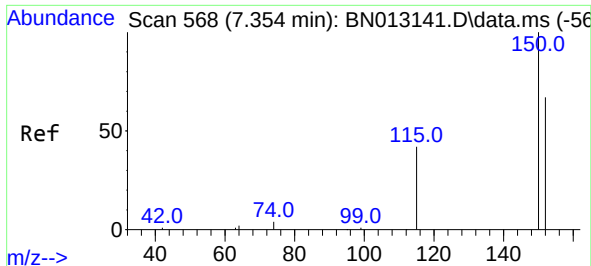
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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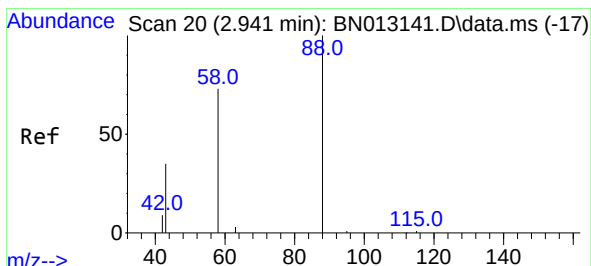
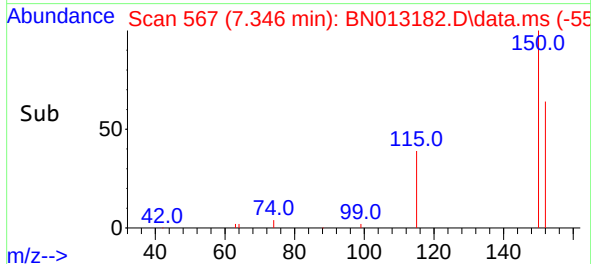
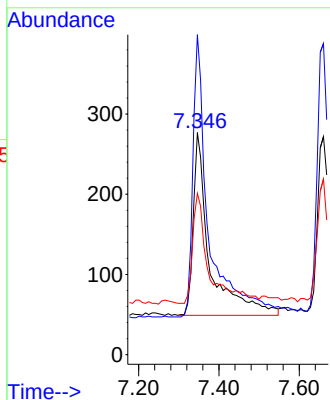
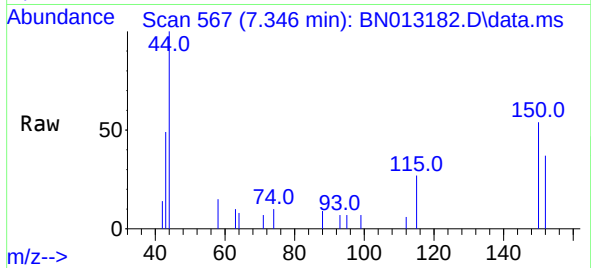




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. 0.000 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

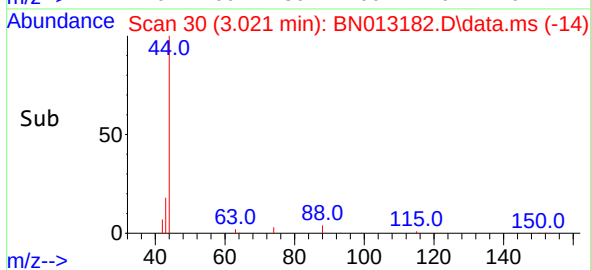
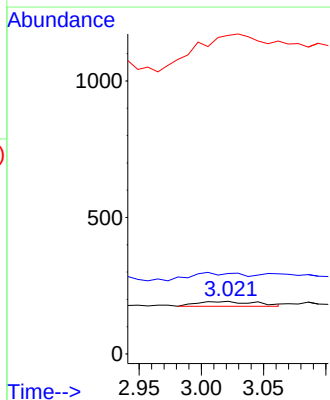
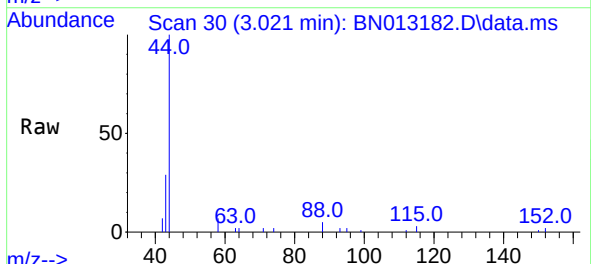
Instrument :
BNA_N
ClientSampleId :
PB133540BL

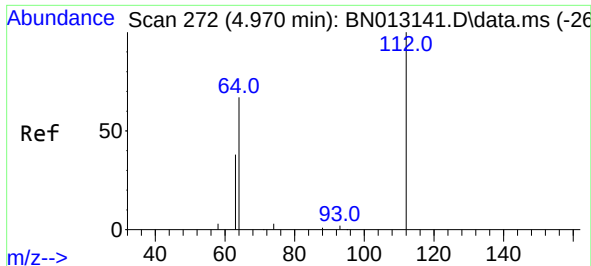
Tgt Ion:152 Resp: 651
Ion Ratio Lower Upper
152 100
150 144.0 116.6 174.8
115 72.6 52.9 79.3



#2
1,4-Dioxane
Concen: 0.05 ng
RT: 3.021 min Scan# 30
Delta R.T. 0.081 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
58 0.0 59.4 89.2#
43 1239.7 32.3 48.5#

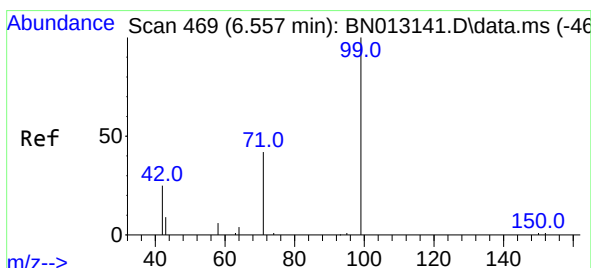
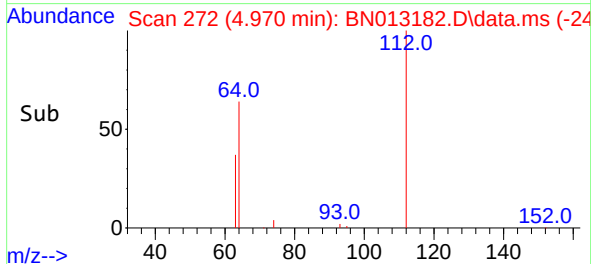
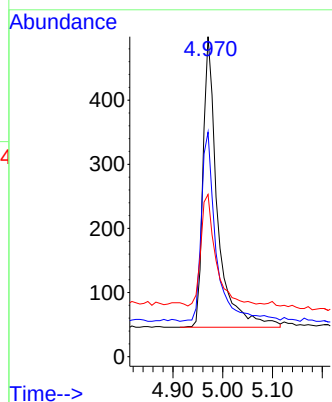
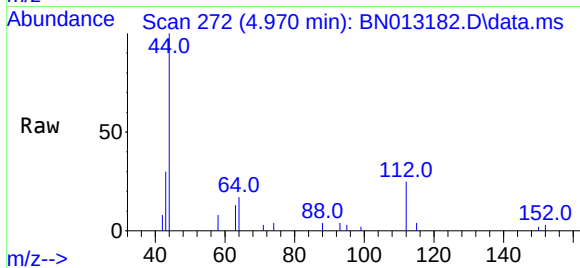




#4
2-Fluorophenol
Concen: 0.34 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

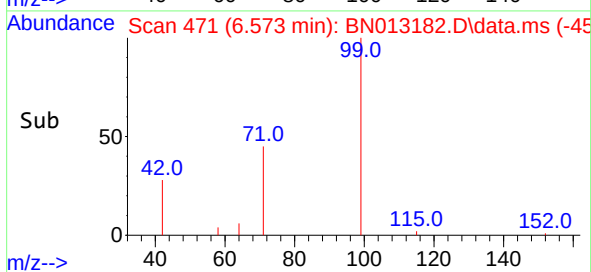
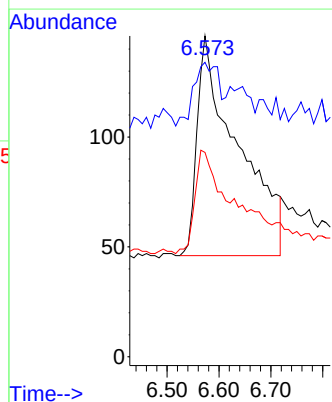
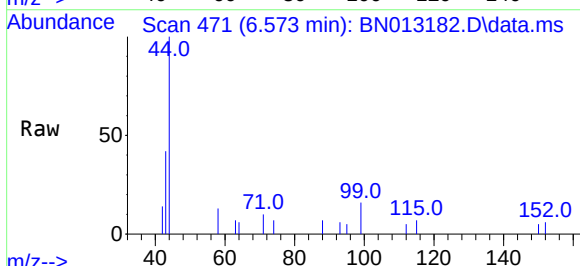
Instrument :
BNA_N
ClientSampleId :
PB133540BL

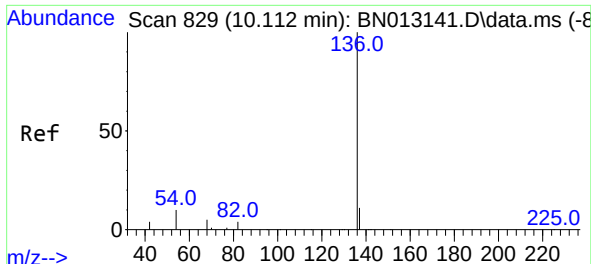
Tgt Ion:	112	Resp:	918
Ion	Ratio	Lower	Upper
112	100		
64	66.8	49.5	74.3
63	40.3	32.0	48.0



#5
Phenol-d6
Concen: 0.20 ng
RT: 6.573 min Scan# 471
Delta R.T. 0.024 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

Tgt Ion:	99	Resp:	545
Ion	Ratio	Lower	Upper
99	100		
42	18.5	22.4	33.6
71	47.0	37.8	56.6



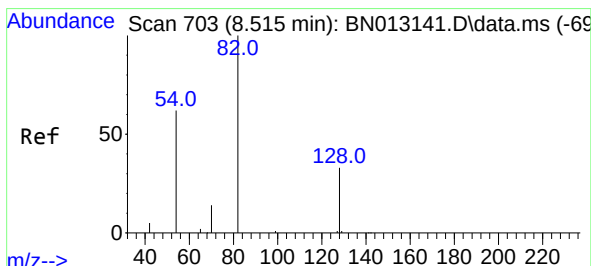
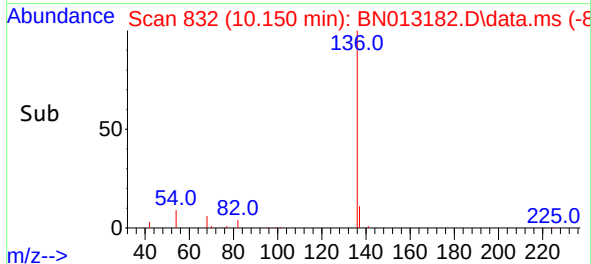
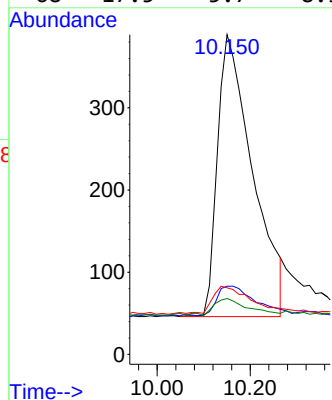
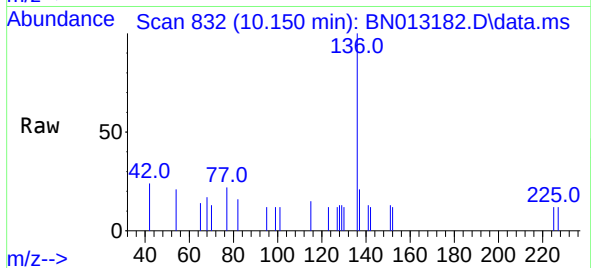


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.150 min Scan# 832
Delta R.T. 0.038 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

Instrument :
BNA_N
ClientSampleId :
PB133540BL

Tgt Ion: 136 Resp: 1797

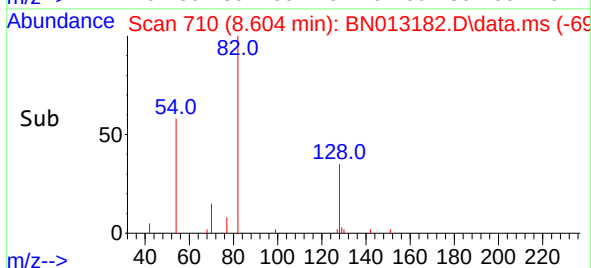
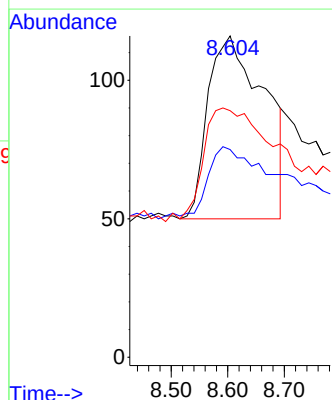
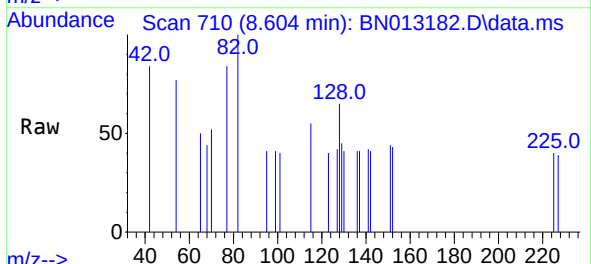
Ion	Ratio	Lower	Upper
136	100		
137	21.3	10.6	15.8#
54	20.8	8.6	12.8#
68	17.5	5.7	8.5#

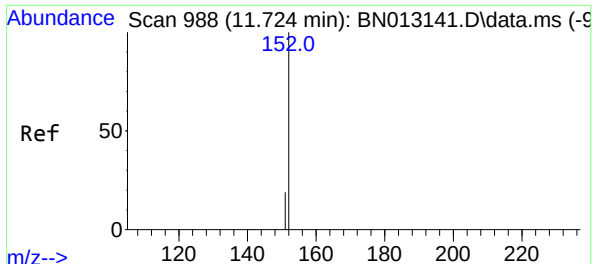


#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.604 min Scan# 710
Delta R.T. 0.089 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

Tgt Ion: 82 Resp: 457

Ion	Ratio	Lower	Upper
82	100		
128	64.7	30.6	46.0#
54	76.7	48.3	72.5#

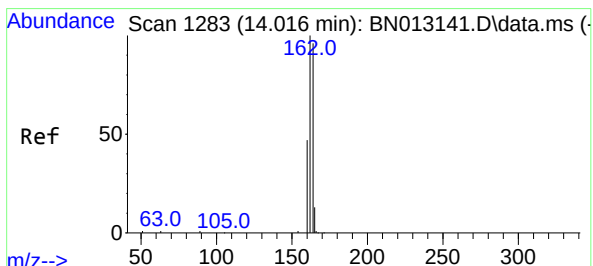
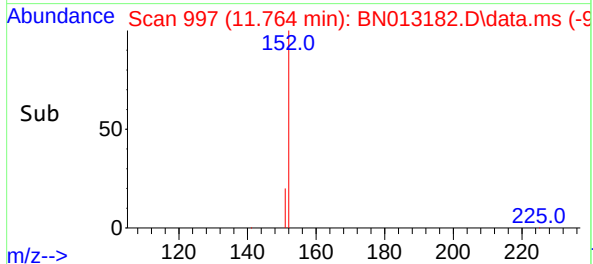
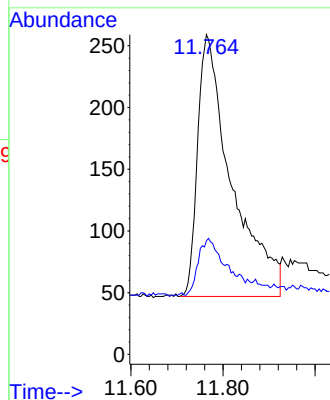
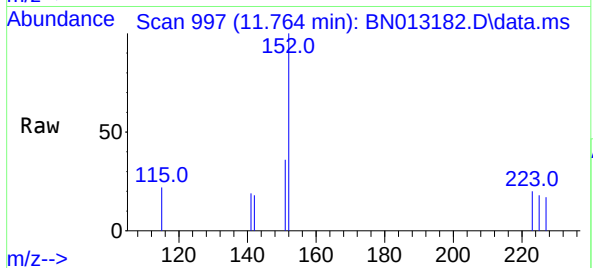




#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 11.764 min Scan# 997
Delta R.T. 0.036 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

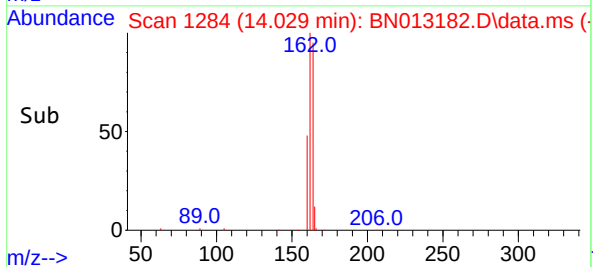
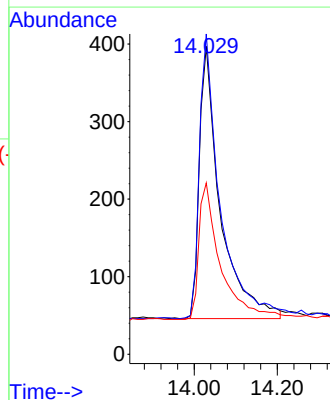
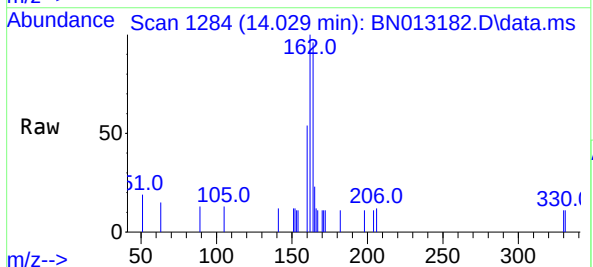
Instrument :
BNA_N
ClientSampleId :
PB133540BL

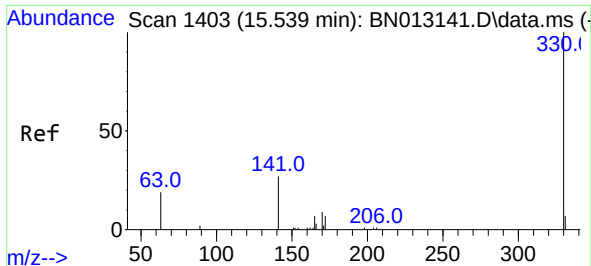
Tgt Ion:152 Resp: 1085
Ion Ratio Lower Upper
152 100
151 16.3 16.7 25.1#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. 0.026 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

Tgt Ion:164 Resp: 1225
Ion Ratio Lower Upper
164 100
162 104.0 80.6 120.8
160 55.7 39.5 59.3



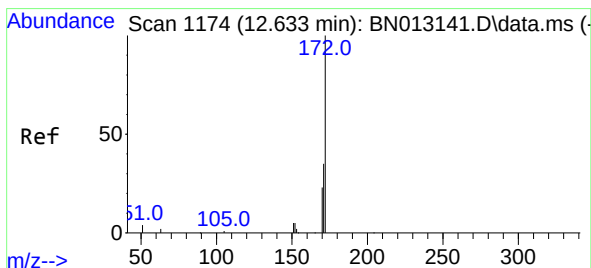
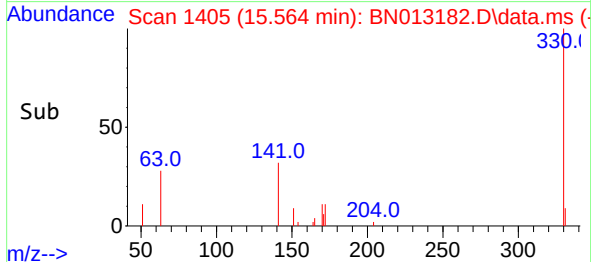
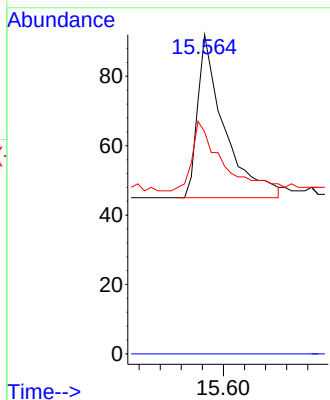
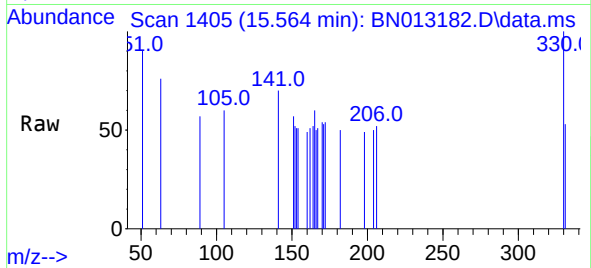


#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.564 min Scan# 1405
Delta R.T. 0.026 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

Instrument :
BNA_N
ClientSampleId :
PB133540BL

Tgt Ion:330 Resp: 165

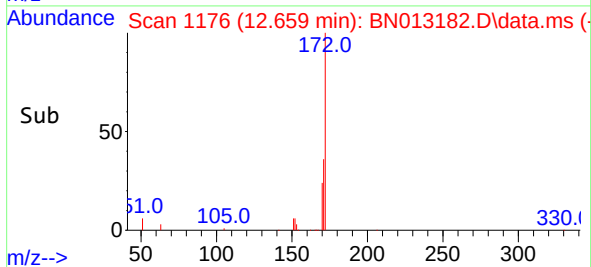
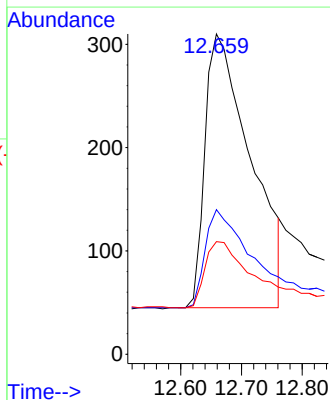
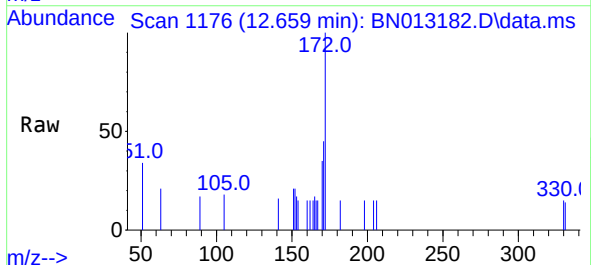
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.9	34.4	51.6

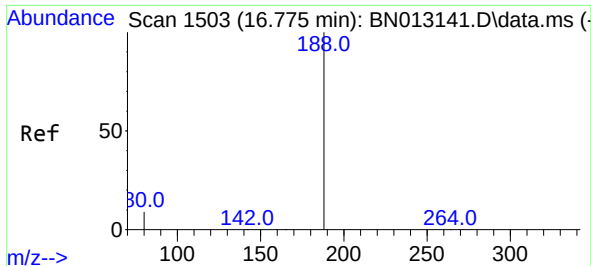


#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.659 min Scan# 1176
Delta R.T. 0.026 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

Tgt Ion:172 Resp: 1387

Ion	Ratio	Lower	Upper
172	100		
171	45.2	28.2	42.4#
170	35.2	20.0	30.0#

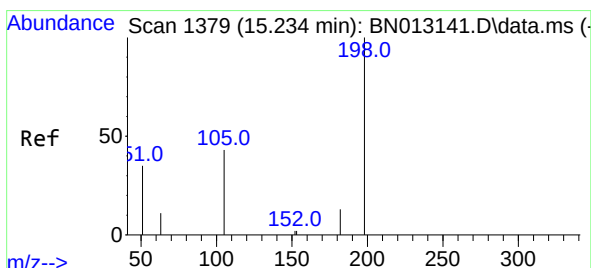
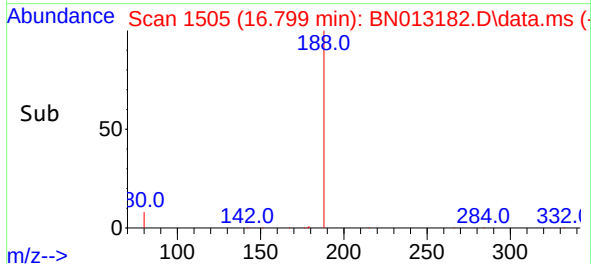
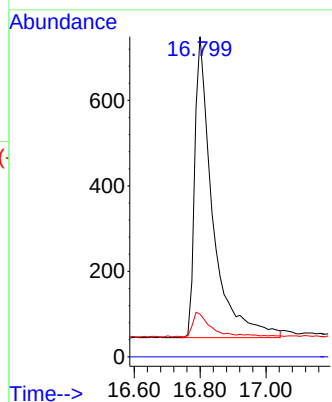
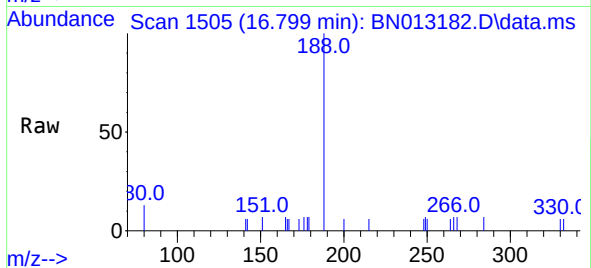




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.799 min Scan# 1505
Delta R.T. 0.024 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

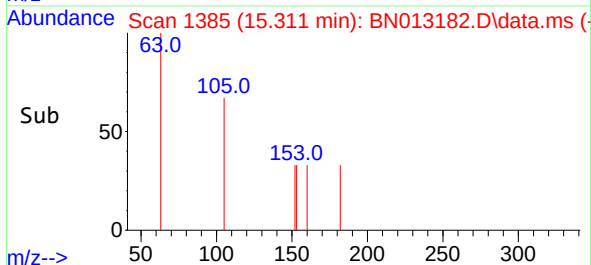
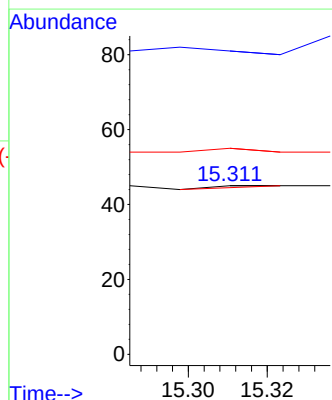
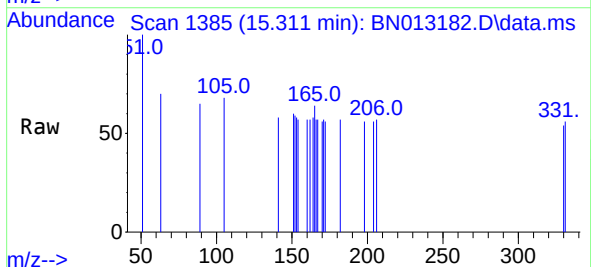
Instrument :
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ClientSampleId :
PB133540BL

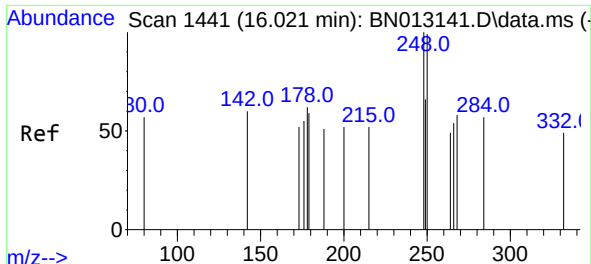
Tgt Ion:188	Resp:	2661
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	13.4	5.0 7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.311 min Scan# 1385
Delta R.T. 0.064 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

Tgt Ion:198	Resp:	1
Ion	Ratio	Lower Upper
198	100	
51	180.0	43.5 65.3#
105	122.2	27.2 40.8#

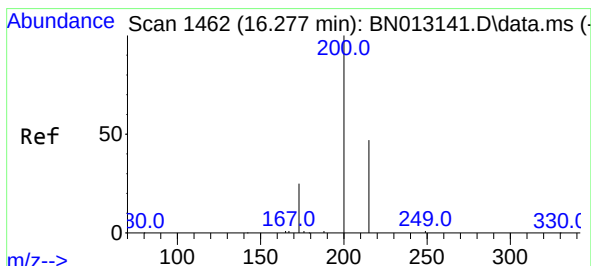
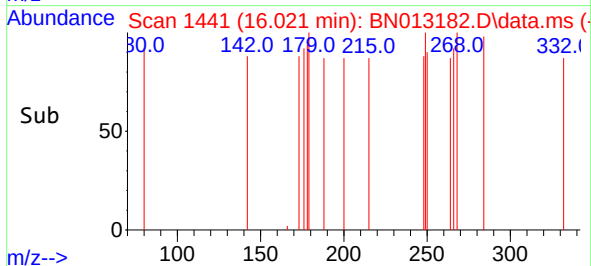
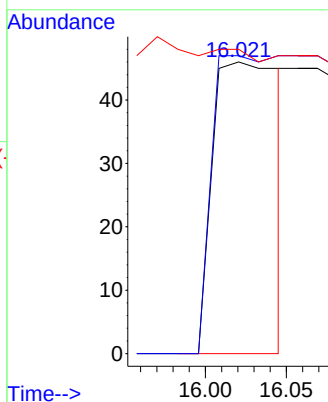
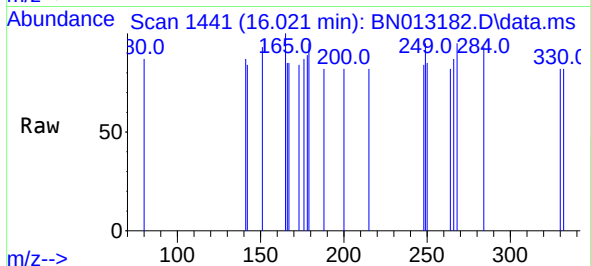




#21
4-Bromophenyl-phenylether
Concen: 0.26 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

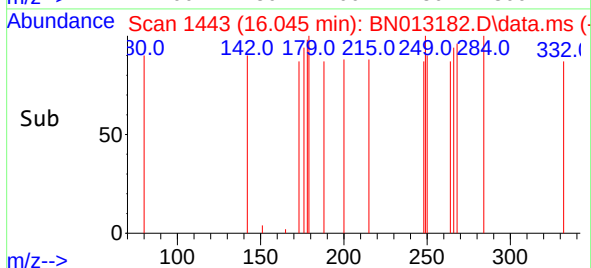
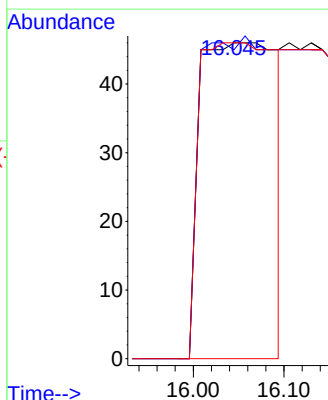
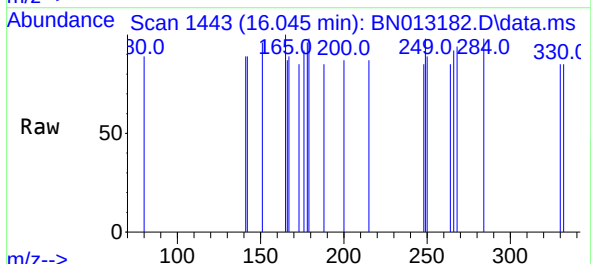
Instrument :
BNA_N
ClientSampleId :
PB133540BL

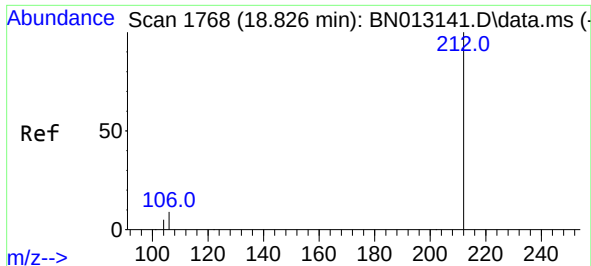
Tgt Ion:248 Resp: 134
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 104.3 57.8 86.8#



#23
Atrazine
Concen: 0.17 ng
RT: 16.045 min Scan# 1443
Delta R.T. -0.231 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

Tgt Ion:200 Resp: 268
Ion Ratio Lower Upper
200 100
173 97.8 22.8 34.2#
215 100.0 38.1 57.1#

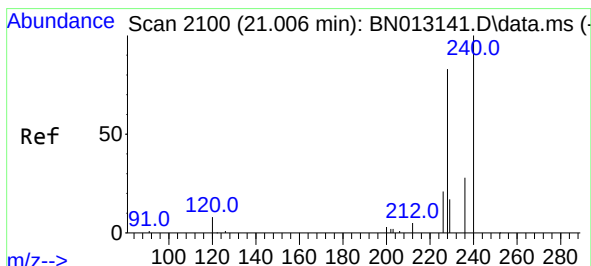
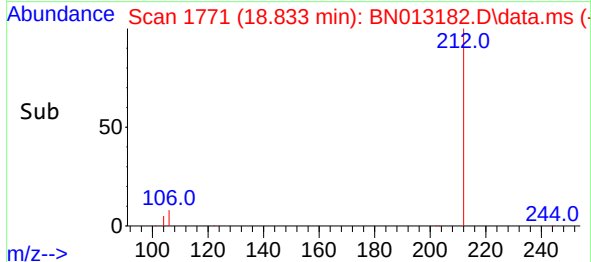
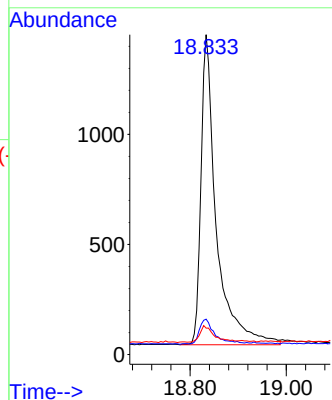
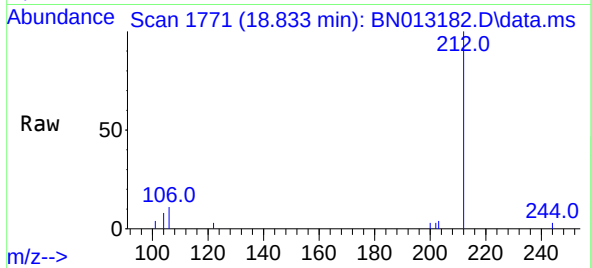




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.833 min Scan# 1771
Delta R.T. 0.007 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

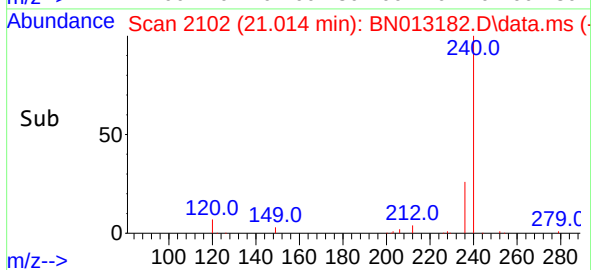
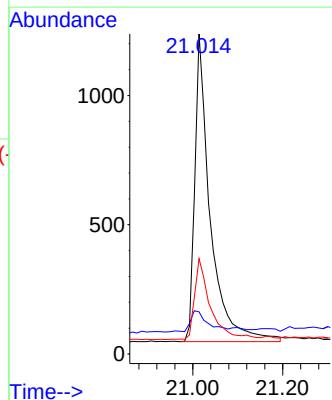
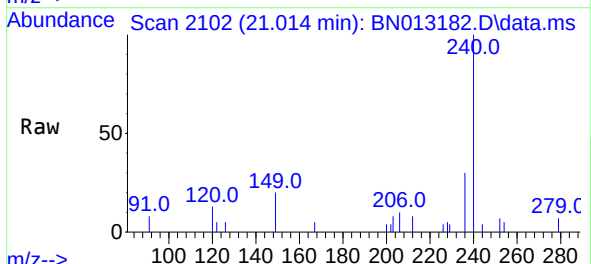
Instrument :
BNA_N
ClientSampleId :
PB133540BL

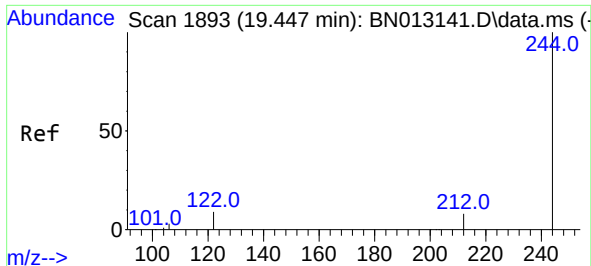
Tgt Ion:212 Resp: 3124
Ion Ratio Lower Upper
212 100
106 8.0 6.8 10.2
104 5.0 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.014 min Scan# 2102
Delta R.T. 0.008 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

Tgt Ion:240 Resp: 2842
Ion Ratio Lower Upper
240 100
120 13.2 5.3 7.9#
236 29.8 21.8 32.8

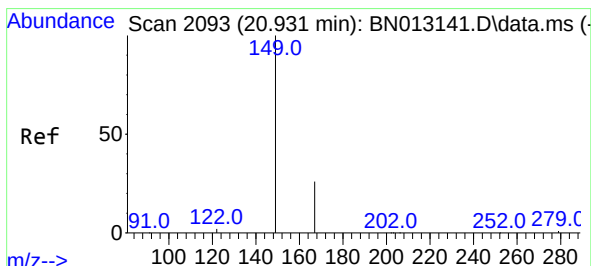
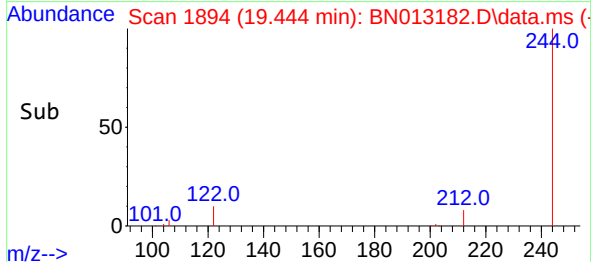
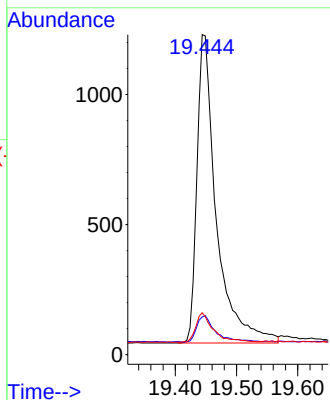
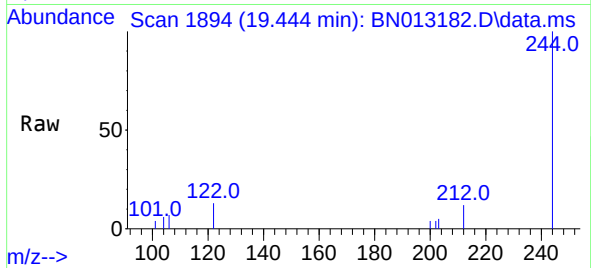




#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.444 min Scan# 1894
Delta R.T. -0.007 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

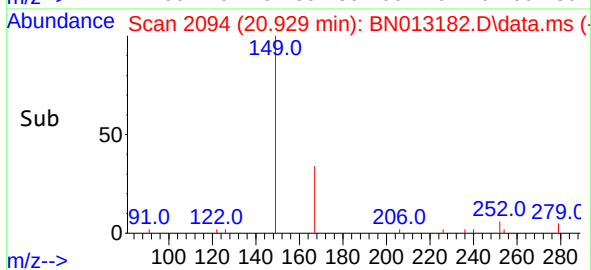
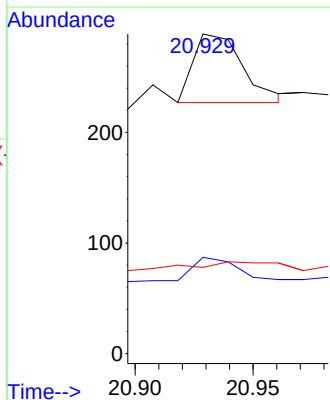
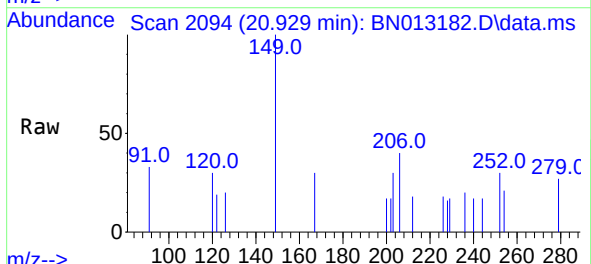
Instrument :
BNA_N
ClientSampleId :
PB133540BL

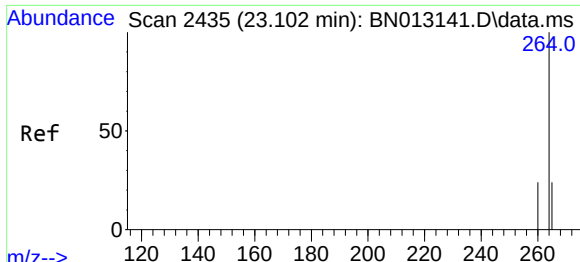
Tgt Ion:244 Resp: 2612
Ion Ratio Lower Upper
244 100
212 11.8 7.3 10.9#
122 13.1 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.929 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

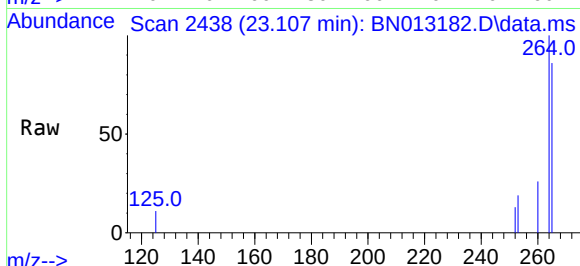
Tgt Ion:149 Resp: 91
Ion Ratio Lower Upper
149 100
167 29.7 23.2 34.8
279 20.9 3.9 5.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.107 min Scan# 2438
Delta R.T. 0.008 min
Lab File: BN013182.D
Acq: 17 Dec 2020 12:38

Instrument :
BNA_N
ClientSampleId :
PB133540BL



Tgt Ion: 264 Resp: 3353

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.8	29.6
265	85.9	51.4	77.0#

