

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
 Data File : BN015204.D
 Acq On : 30 Jun 2021 02:22
 Operator : CG/JU
 Sample : M2783-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20210617

Quant Time: Jun 30 03:10:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 19:13:09 2021
 Response via : Initial Calibration

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

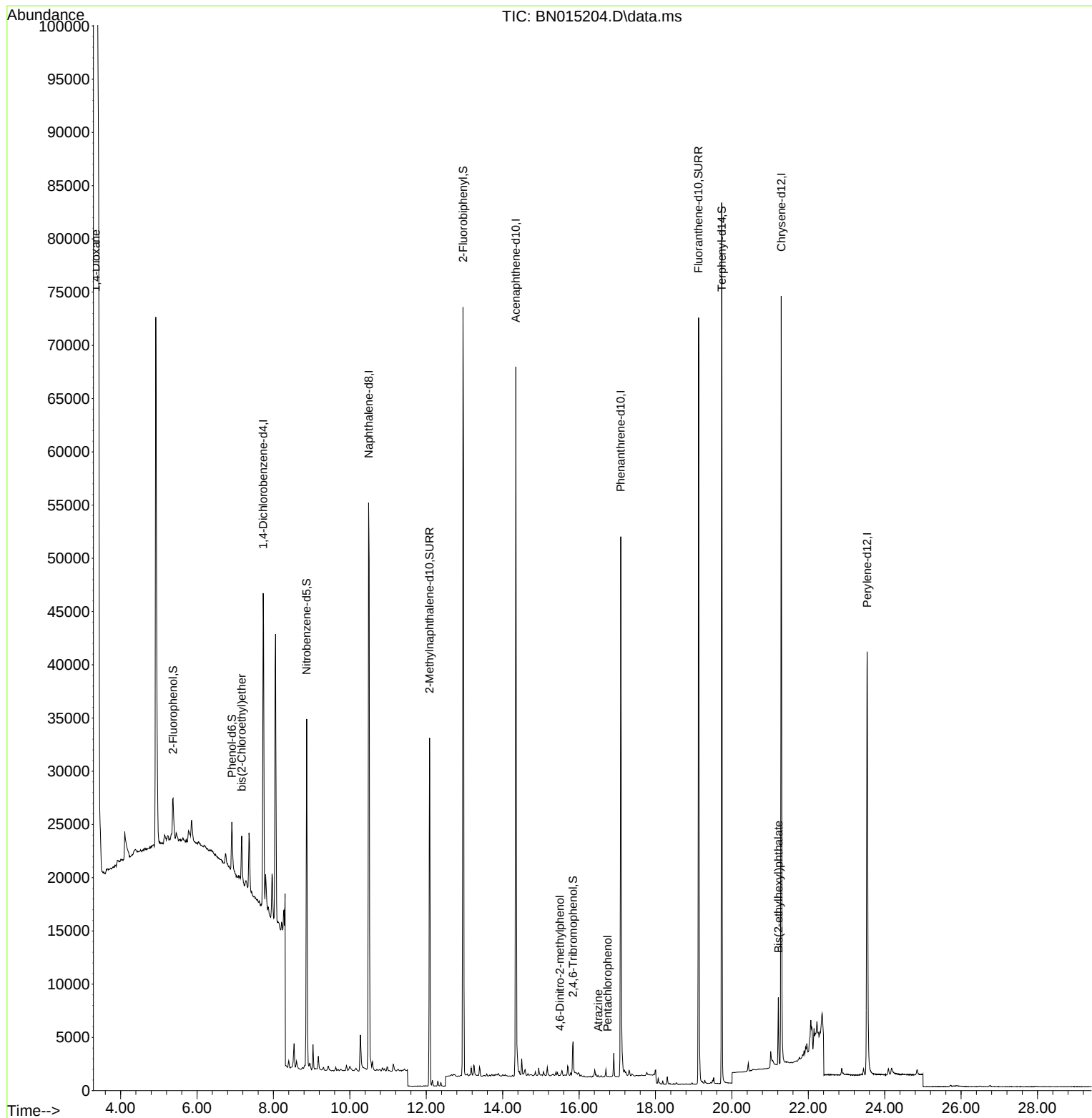
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	16791	0.40	ng	# 0.00
7) Naphthalene-d8	10.492	136	76155	0.40	ng	#-0.01
13) Acenaphthene-d10	14.346	164	35179	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	70158	0.40	ng	0.00
29) Chrysene-d12	21.292	240	66852	0.40	ng	#-0.01
35) Perylene-d12	23.540	264	56566	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	5000	0.14	ng	0.03
5) Phenol-d6	6.911	99	4677	0.08	ng	0.00
8) Nitrobenzene-d5	8.870	82	26993	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	43413	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	3152	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	66806	0.45	ng	-0.01
27) Fluoranthene-d10	19.128	212	82096	0.38	ng	0.00
31) Terphenyl-d14	19.734	244	79632	0.54	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	37037	7.60	ng	# 70
6) bis(2-Chloroethyl)ether	7.169	93	3787	0.07	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.500	198	2	0.19	ng	# 1
23) Atrazine	16.507	200	8	0.17	ng	# 9
24) Pentachlorophenol	16.750	266	28	0.24	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.217	149	5679	0.31	ng	# 85

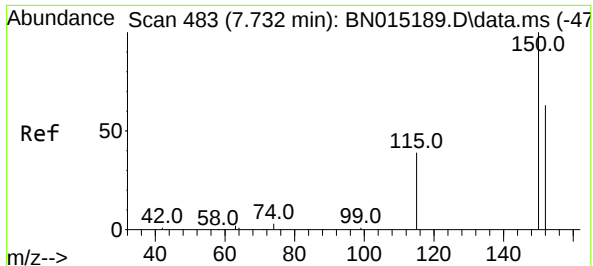
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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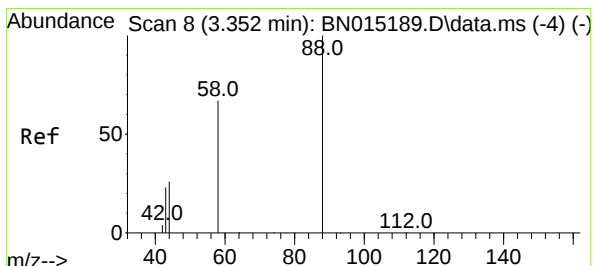
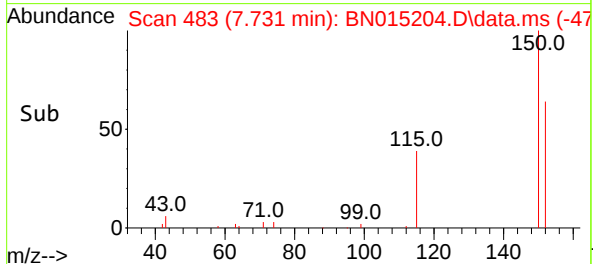
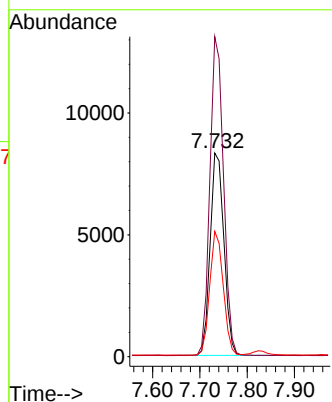
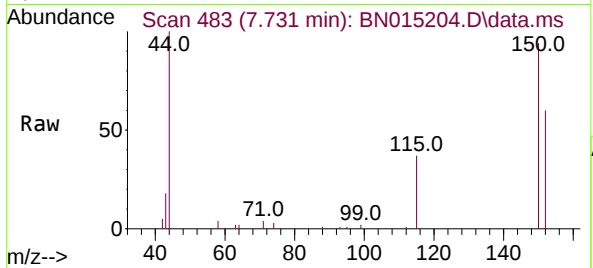




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.731 min Scan# 483
 Delta R.T. -0.001 min
 Lab File: BN015204.D
 Acq: 30 Jun 2021 02:22

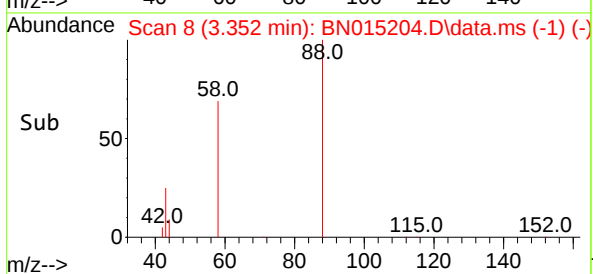
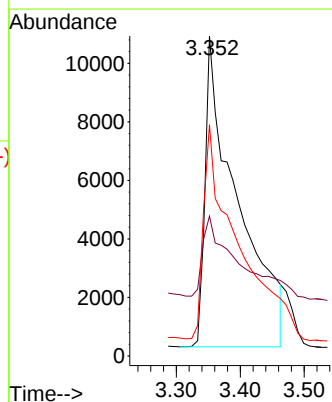
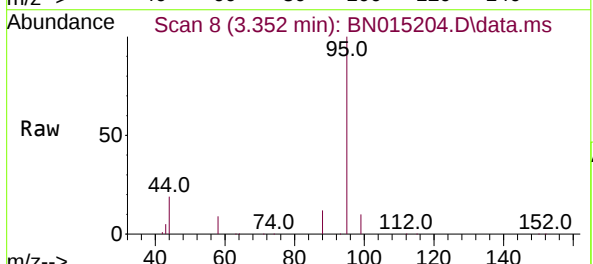
Instrument :
 BNA_N
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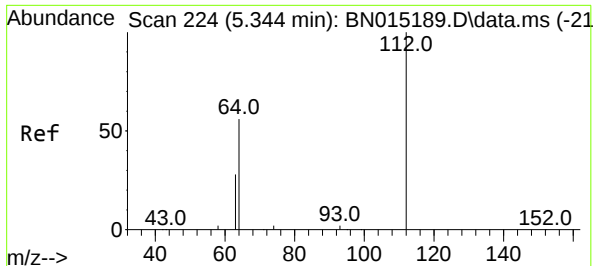
Tgt Ion:152 Resp: 16791
 Ion Ratio Lower Upper
 152 100
 150 157.1 119.0 178.6
 115 61.5 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 7.60 ng
 RT: 3.352 min Scan# 8
 Delta R.T. -0.000 min
 Lab File: BN015204.D
 Acq: 30 Jun 2021 02:22

Tgt Ion: 88 Resp: 37037
 Ion Ratio Lower Upper
 88 100
 43 26.2 12.9 19.3#
 58 69.1 38.1 57.1#

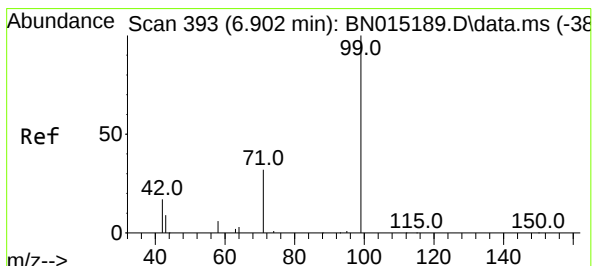
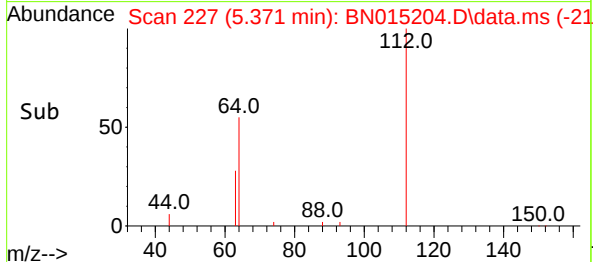
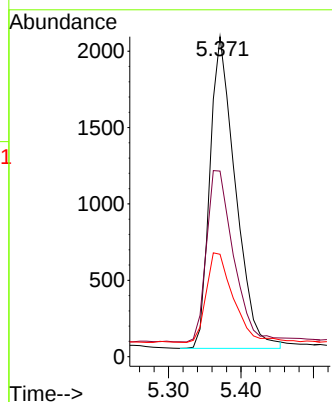
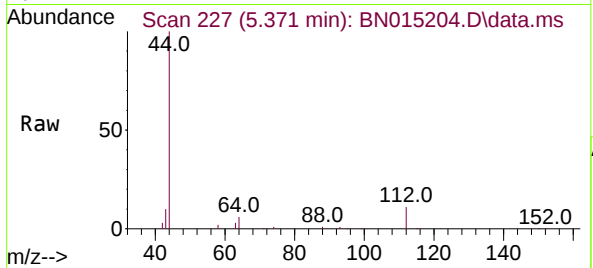




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.027 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

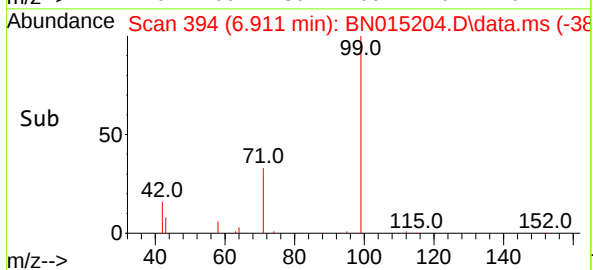
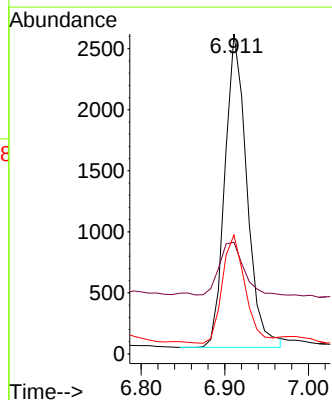
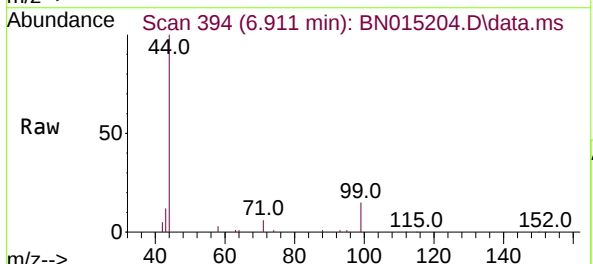
Instrument :
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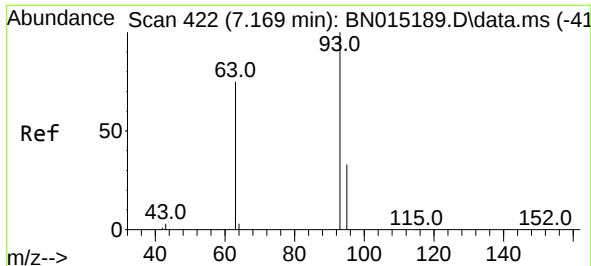
Tgt Ion:112 Resp: 5000
Ion Ratio Lower Upper
112 100
64 57.9 39.0 58.6
63 30.3 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion: 99 Resp: 4677
Ion Ratio Lower Upper
99 100
42 18.5 8.9 13.3#
71 36.0 35.6 53.4

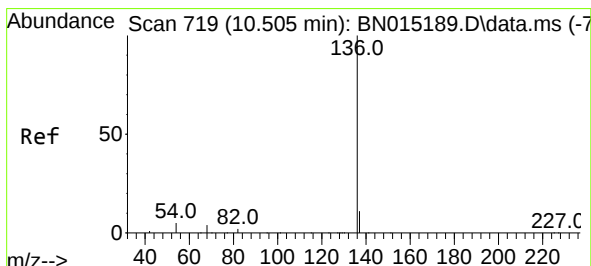
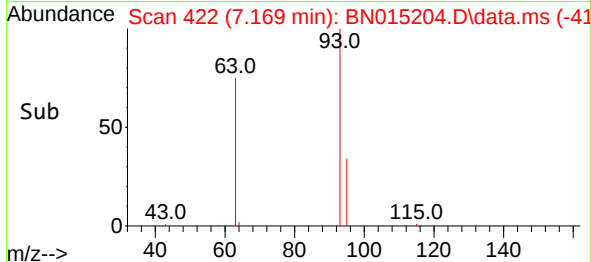
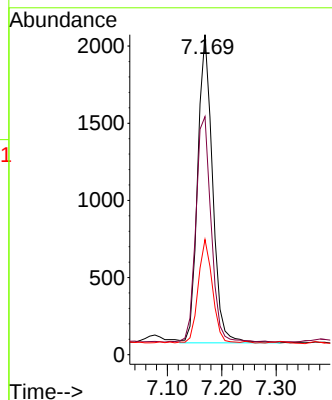
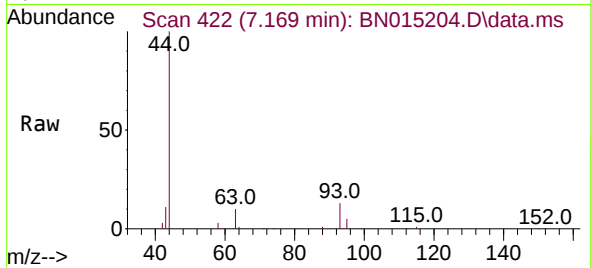




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.169 min Scan# 422
Delta R.T. -0.000 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

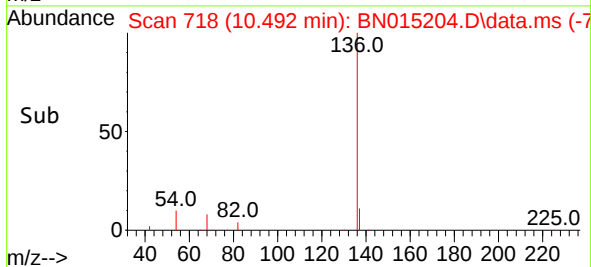
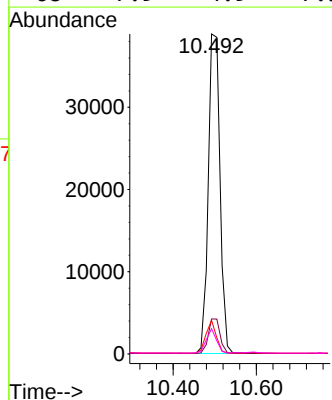
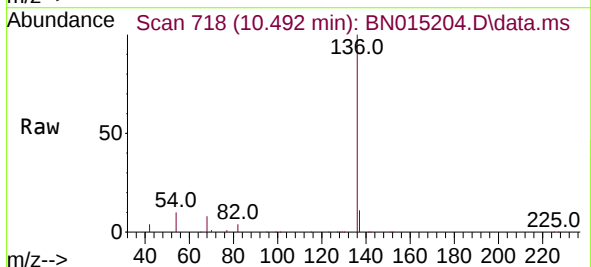
Instrument :
BNA_N
ClientSampleId :
RE114D1-20210617

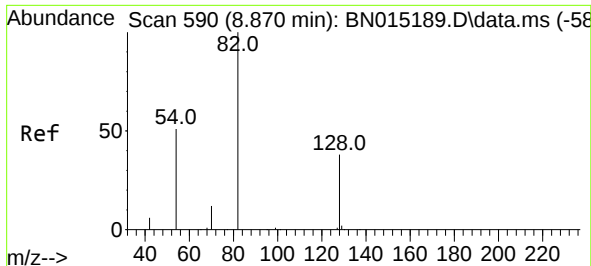
Tgt Ion: 93 Resp: 3787
Ion Ratio Lower Upper
93 100
63 75.5 46.6 70.0#
95 32.0 28.6 42.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 718
Delta R.T. -0.013 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion: 136 Resp: 76155
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 10.5 5.4 8.2#
68 7.9 4.9 7.3#

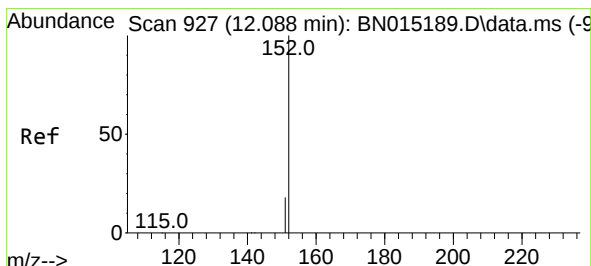
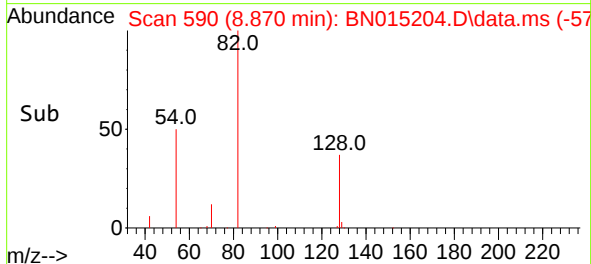
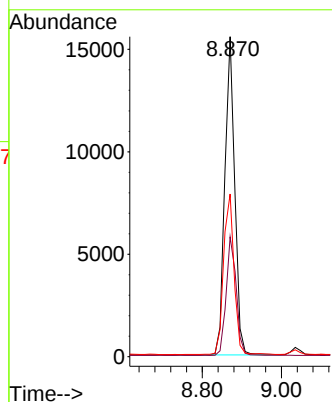
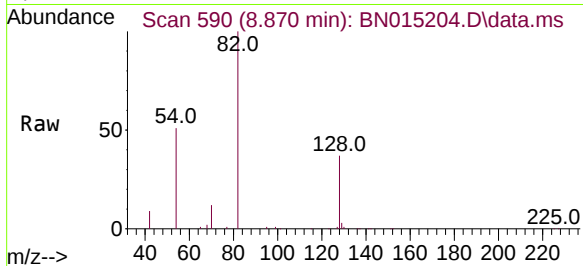




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

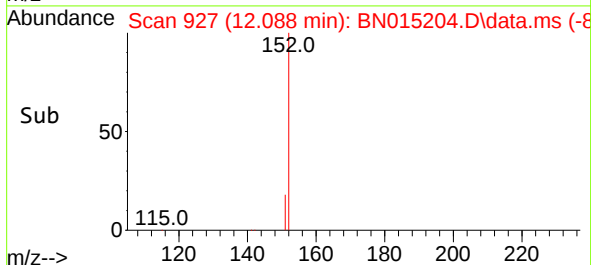
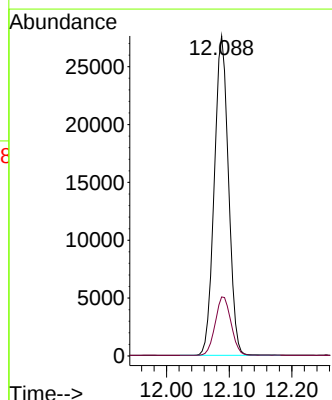
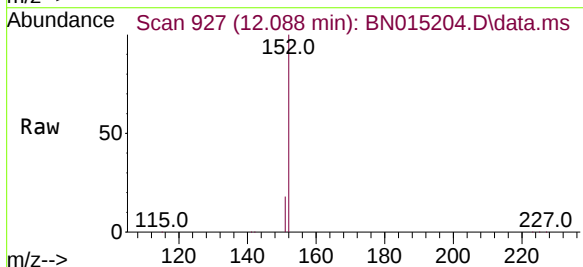
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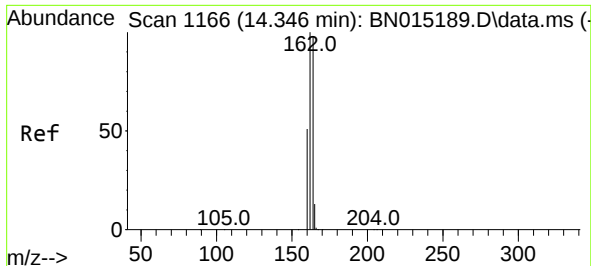
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	31.6	47.4
54	50.8	29.0	43.4



#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.088 min Scan# 927
Delta R.T. -0.000 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1

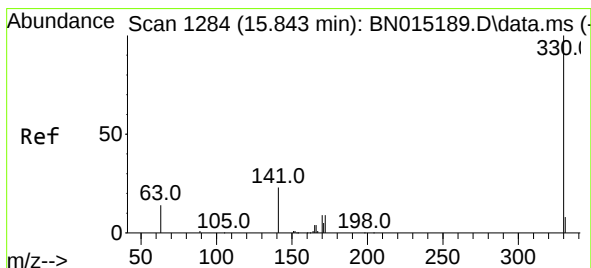
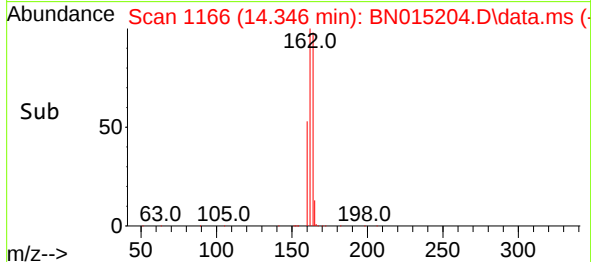
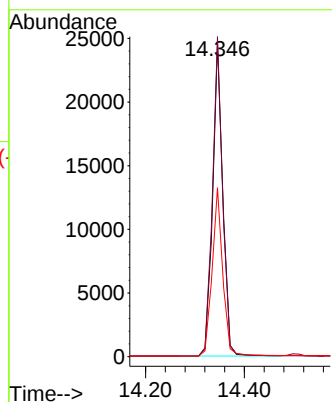
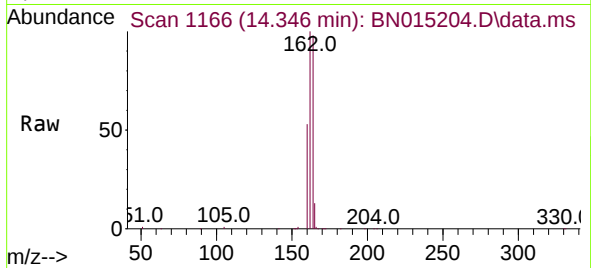




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

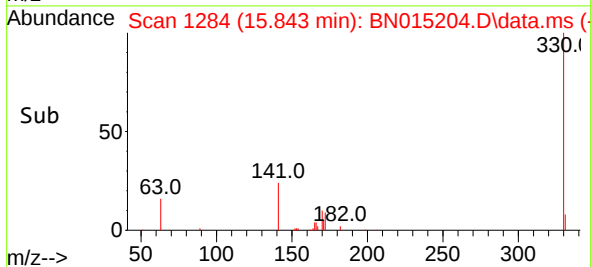
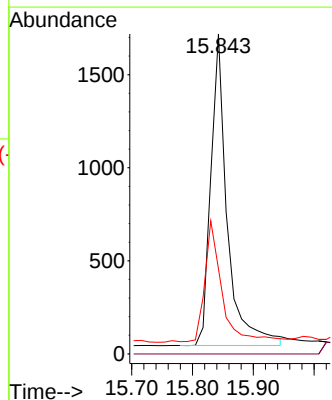
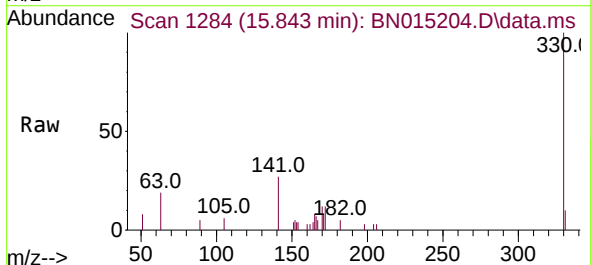
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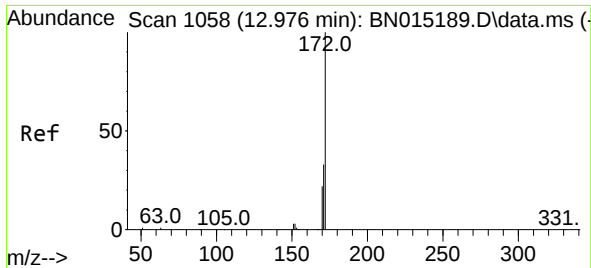
Tgt Ion:164 Resp: 35179
Ion Ratio Lower Upper
164 100
162 102.0 83.8 125.6
160 53.9 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion:330 Resp: 3152
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.5 22.4 33.6#

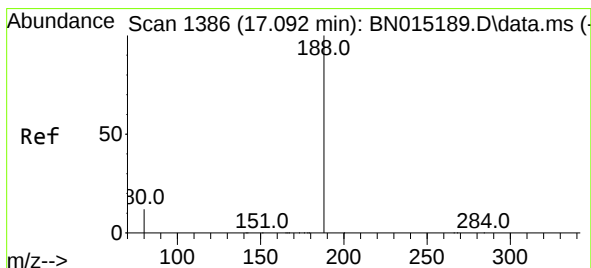
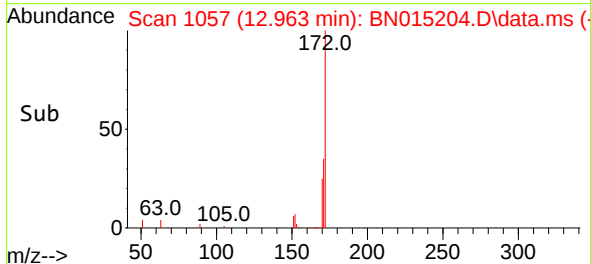
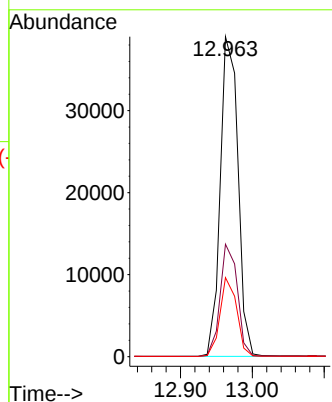
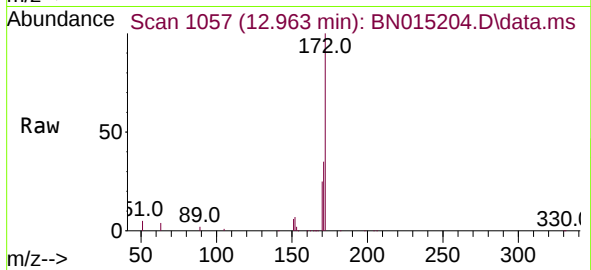




#15
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.013 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

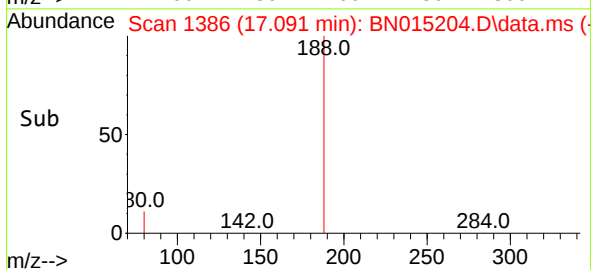
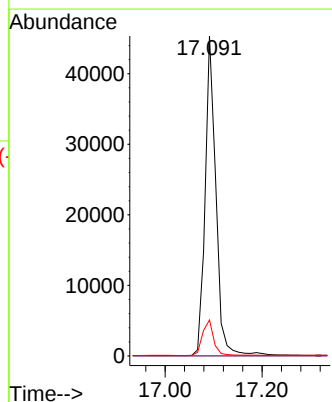
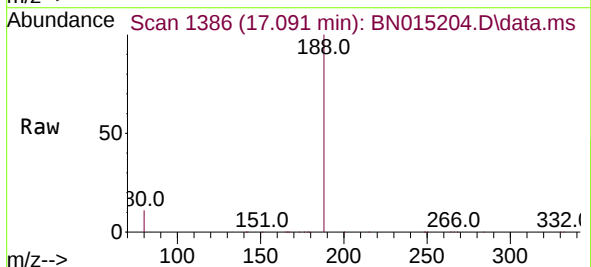
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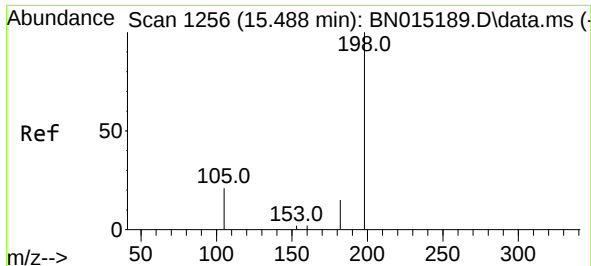
Tgt Ion:172	Resp:	66806
Ion Ratio	Lower	Upper
172	100	
171	35.2	30.6 45.8
170	24.7	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1386
Delta R.T. -0.001 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion:188	Resp:	70158
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.2	9.0 13.4

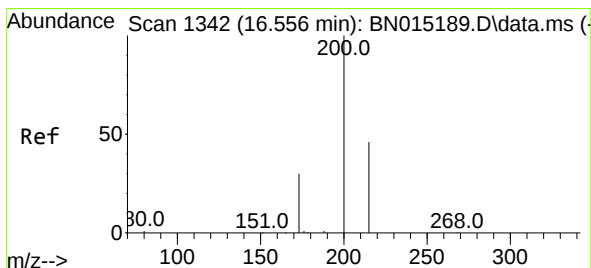
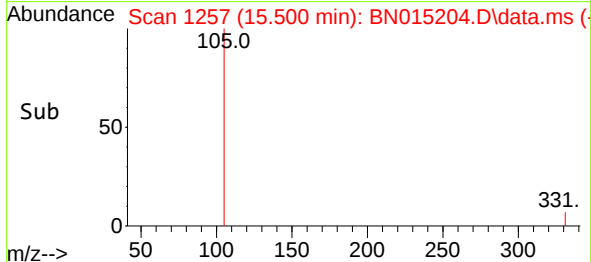
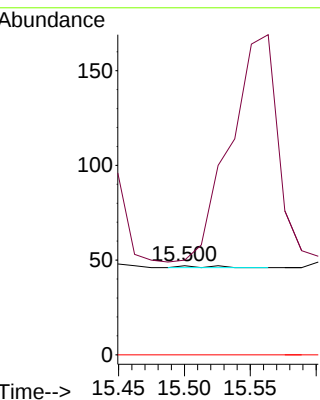
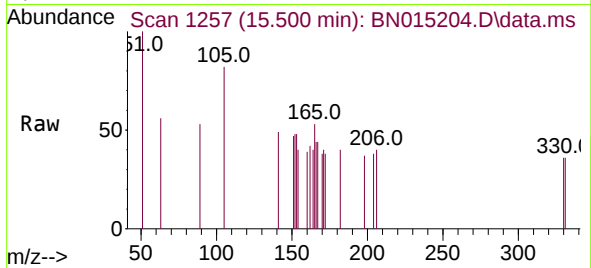




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.500 min Scan# 1257
Delta R.T. 0.012 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

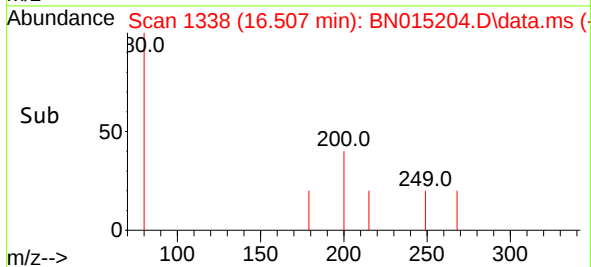
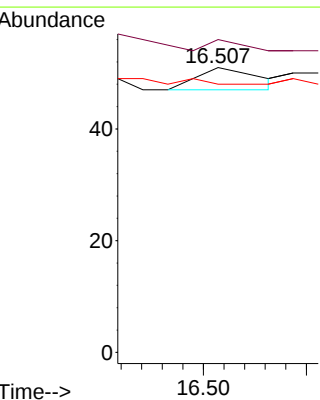
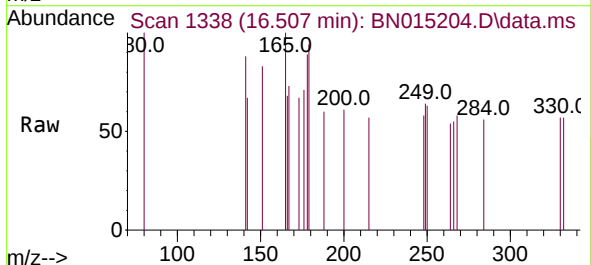
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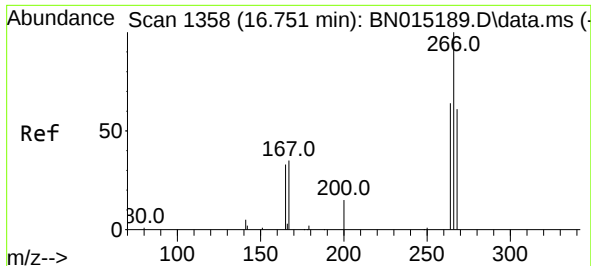
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 106.4 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.507 min Scan# 1338
Delta R.T. -0.049 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion:200 Resp: 8
Ion Ratio Lower Upper
200 100
173 109.8 21.7 32.5#
215 94.1 43.1 64.7#

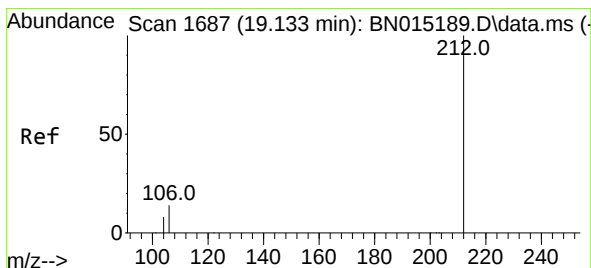
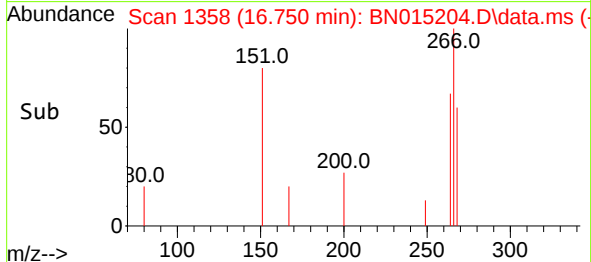
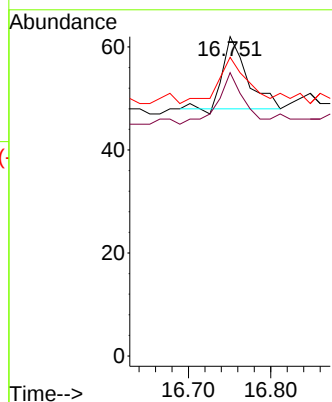
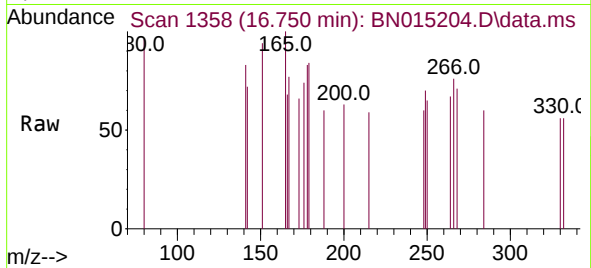




#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.750 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

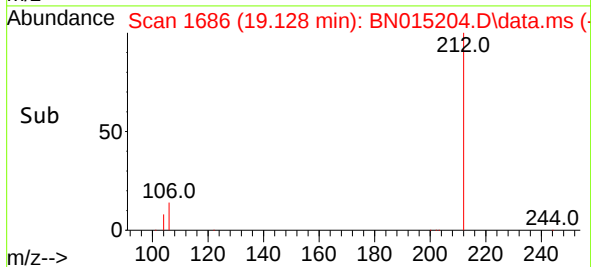
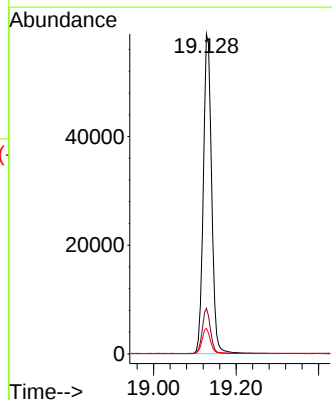
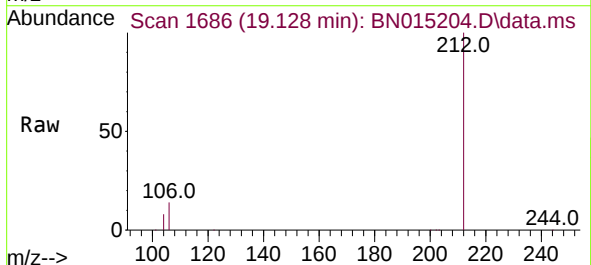
Instrument :
BNA_N
ClientSampleId :
RE114D1-20210617

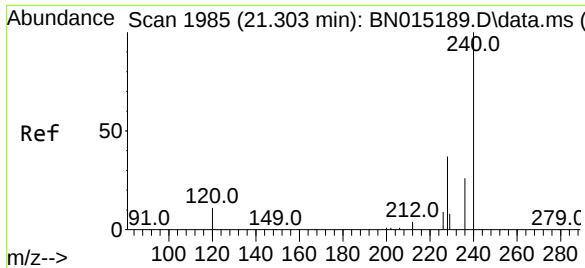
Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 78.6 51.0 76.4#
268 53.6 50.6 76.0



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion:212 Resp: 82096
Ion Ratio Lower Upper
212 100
106 13.9 7.0 10.6#
104 7.9 4.1 6.1#

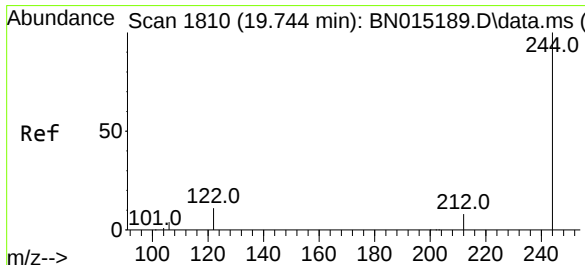
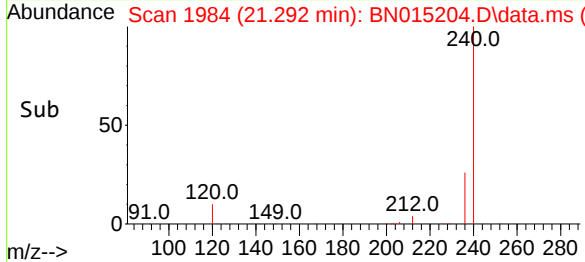
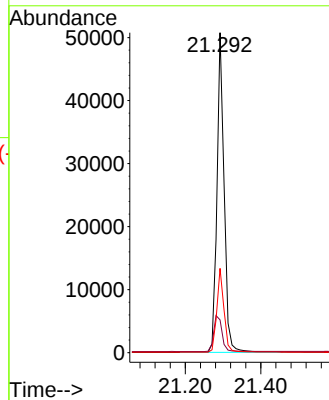
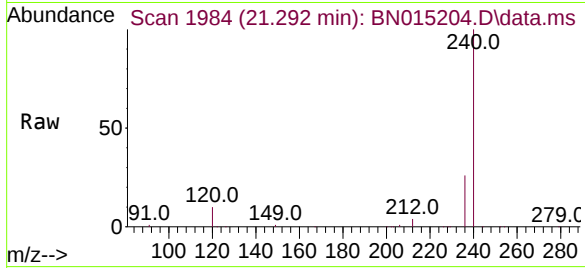




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

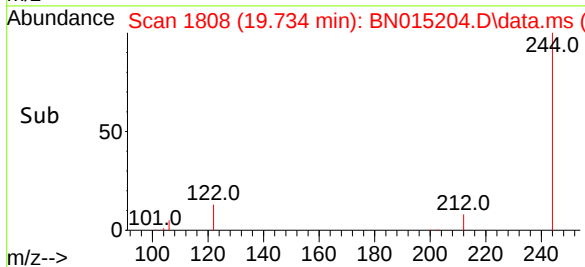
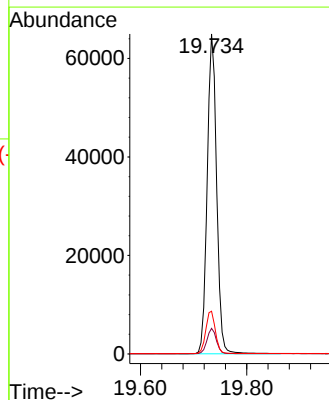
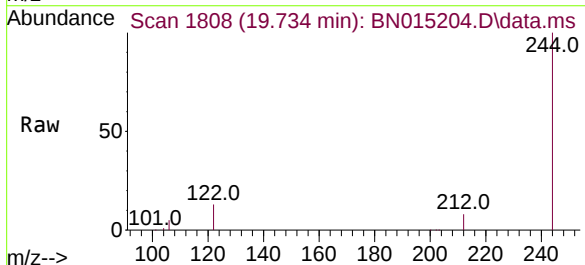
Instrument :
BNA_N
ClientSampleId :
RE114D1-20210617

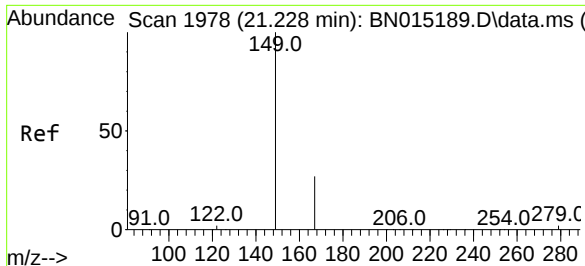
Tgt Ion:240 Resp: 66852
Ion Ratio Lower Upper
240 100
120 10.3 4.2 6.4#
236 26.4 21.4 32.2



#31
Terphenyl-d14
Concen: 0.54 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.010 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion:244 Resp: 79632
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 13.3 6.2 9.2#

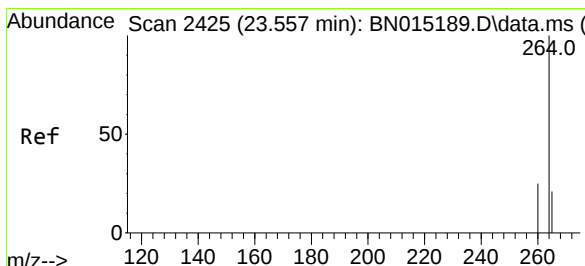
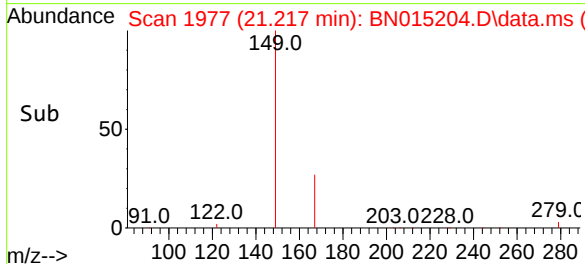
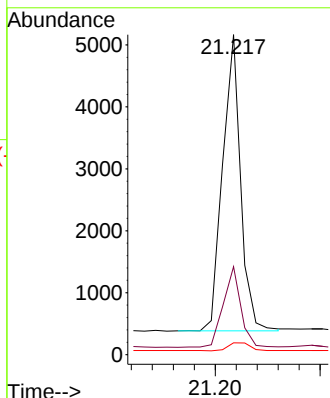
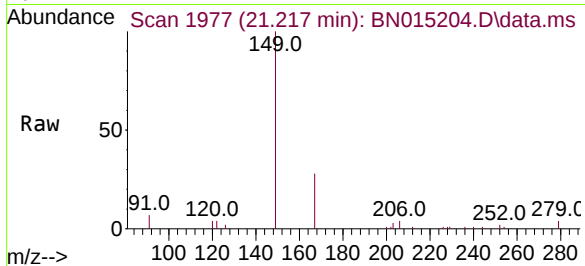




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.217 min Scan# 1977
Delta R.T. -0.011 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Instrument :
BNA_N
ClientSampleId :
RE114D1-20210617

Tgt Ion:149 Resp: 5679
Ion Ratio Lower Upper
149 100
167 26.5 28.9 43.3#
279 3.1 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.540 min Scan# 2420
Delta R.T. -0.017 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion:264 Resp: 56566
Ion Ratio Lower Upper
264 100
260 25.1 20.6 31.0
265 23.9 21.4 32.2

