

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
 Data File : BN015209.D
 Acq On : 30 Jun 2021 05:22
 Operator : CG/JU
 Sample : M2783-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20210617

Quant Time: Jun 30 06:20:46 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)

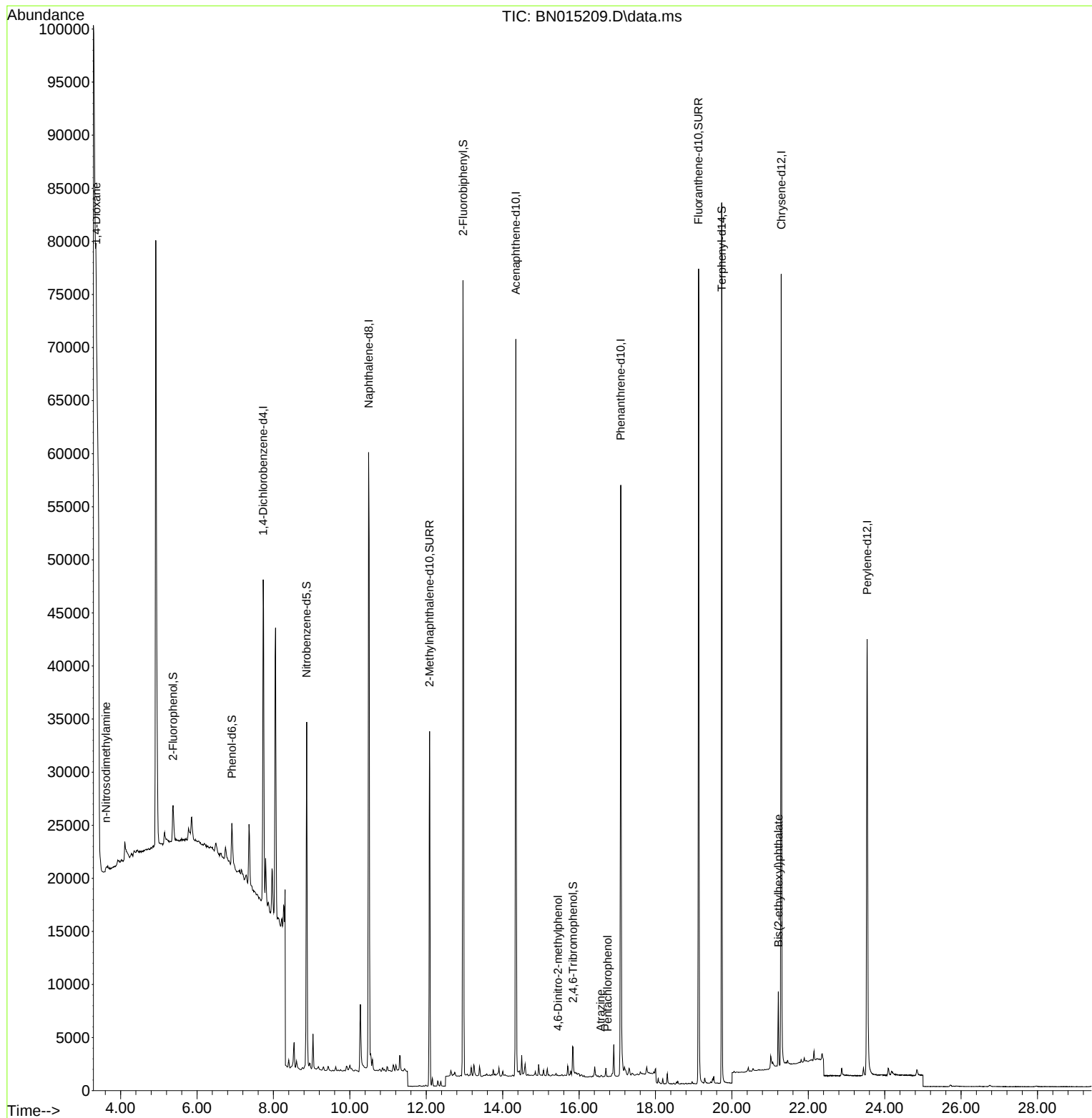
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	17724	0.40	ng	# 0.00
7) Naphthalene-d8	10.493	136	81121	0.40	ng	#-0.01
13) Acenaphthene-d10	14.346	164	37344	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	75186	0.40	ng	0.00
29) Chrysene-d12	21.292	240	69357	0.40	ng	#-0.01
35) Perylene-d12	23.540	264	58009	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	4348	0.11	ng	0.03
5) Phenol-d6	6.911	99	3982	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	27029	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	44208	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	2766	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	65353	0.42	ng	-0.01
27) Fluoranthene-d10	19.128	212	87110	0.38	ng	0.00
31) Terphenyl-d14	19.734	244	79507	0.52	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.361	88	9603	1.87	ng	# 76
3) n-Nitrosodimethylamine	3.619	42	454	0.04	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.450	198	6	0.19	ng	# 1
23) Atrazine	16.568	200	20	0.17	ng	# 8
24) Pentachlorophenol	16.751	266	28	0.24	ng	# 60
34) Bis(2-ethylhexyl)phtha...	21.218	149	6515	0.31	ng	# 84

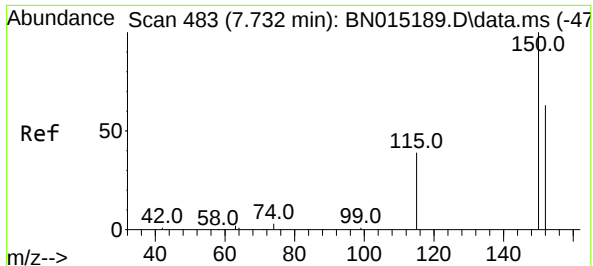
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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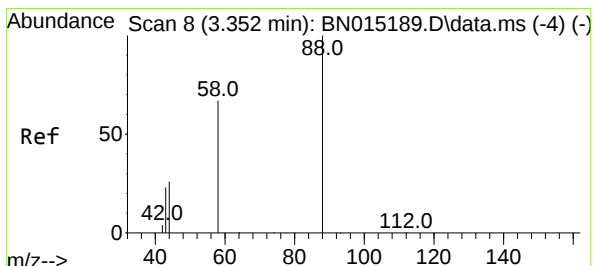
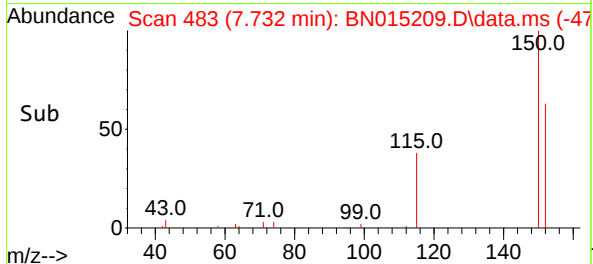
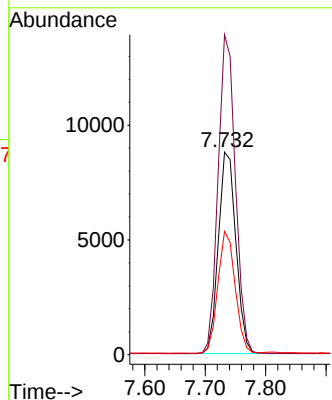
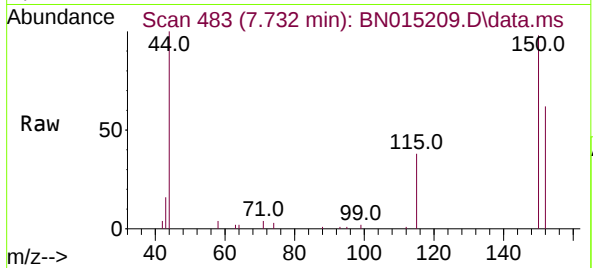




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.732 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

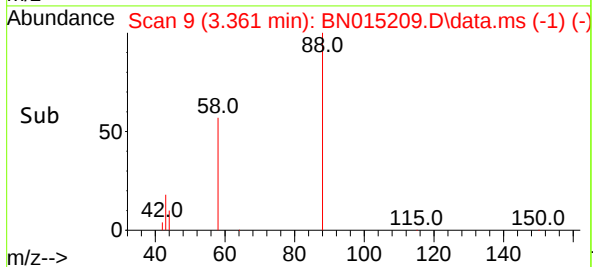
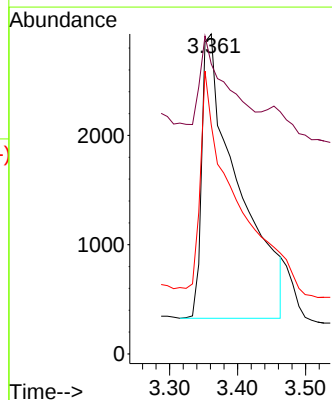
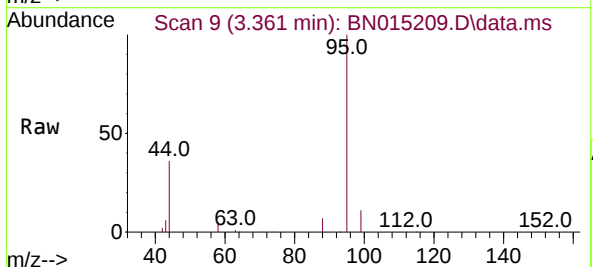
Instrument :
BNA_N
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RE139D2-20210617

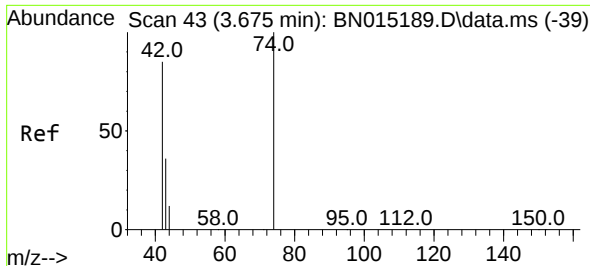
Tgt Ion:152 Resp: 17724
Ion Ratio Lower Upper
152 100
150 158.0 119.0 178.6
115 60.8 62.2 93.4#



#2
1,4-Dioxane
Concen: 1.87 ng
RT: 3.361 min Scan# 9
Delta R.T. 0.009 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

Tgt Ion: 88 Resp: 9603
Ion Ratio Lower Upper
88 100
43 20.6 12.9 19.3#
58 66.7 38.1 57.1#

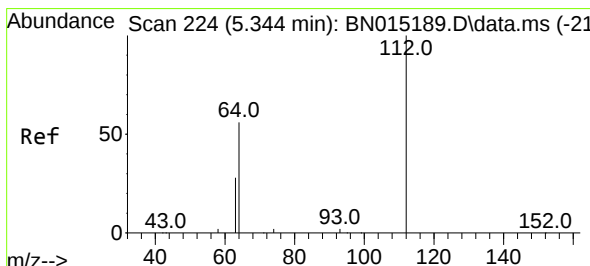
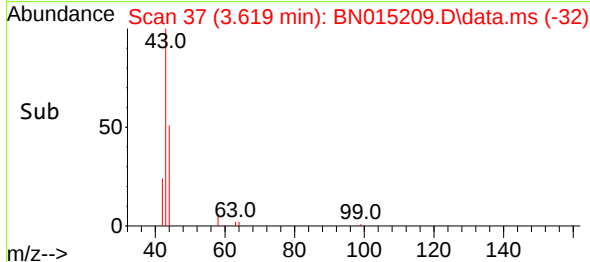
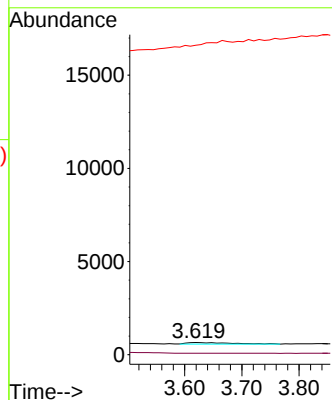
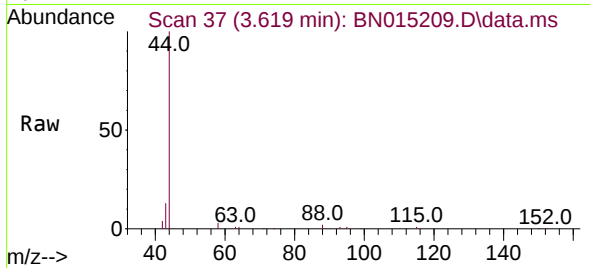




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.619 min Scan# 37
Delta R.T. -0.055 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

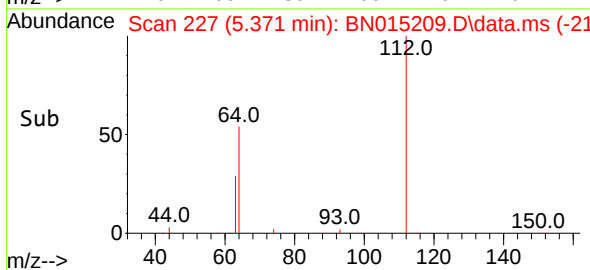
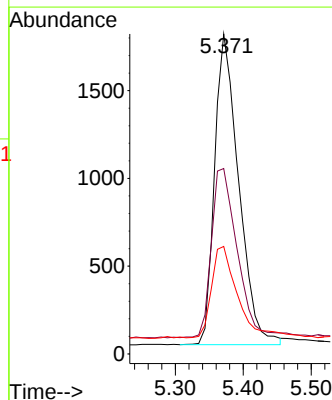
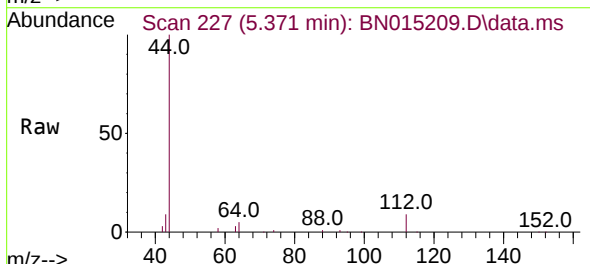
Instrument :
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ClientSampleId :
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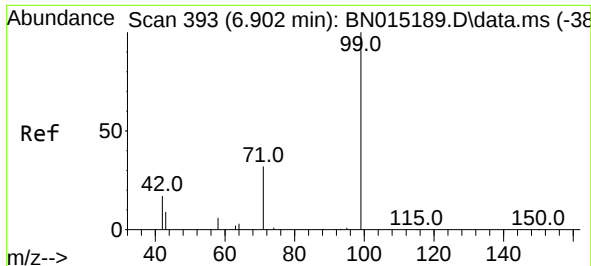
Tgt Ion: 42 Resp: 454
Ion Ratio Lower Upper
42 100
74 2.9 149.5 224.3#
44 0.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.028 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

Tgt Ion: 112 Resp: 4348
Ion Ratio Lower Upper
112 100
64 58.2 39.0 58.6
63 31.4 20.6 30.8#

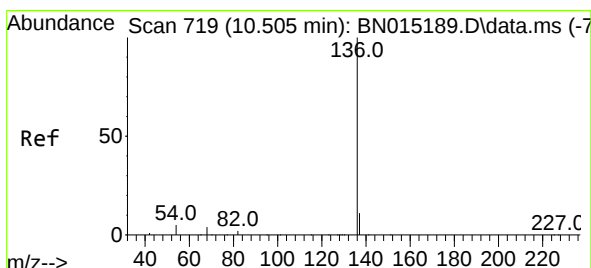
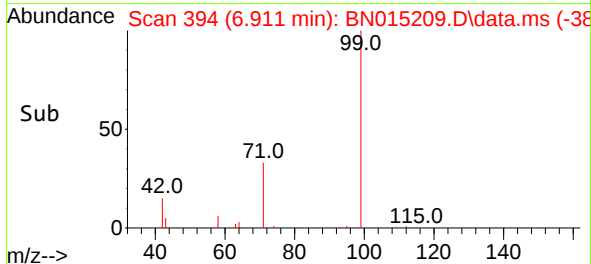
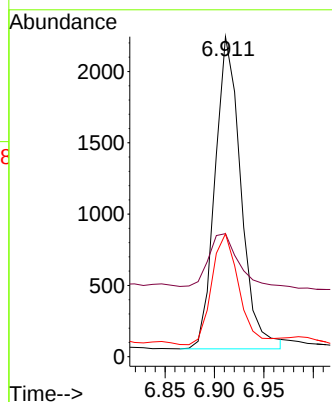
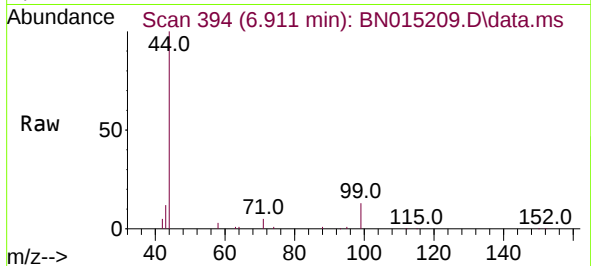




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

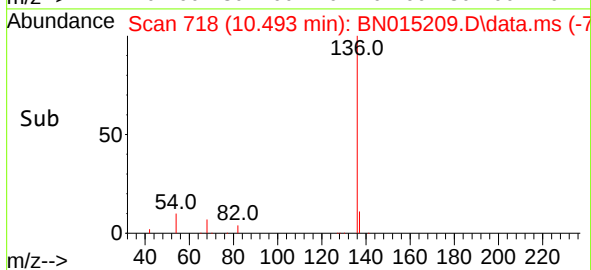
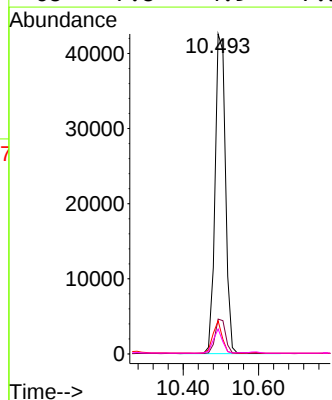
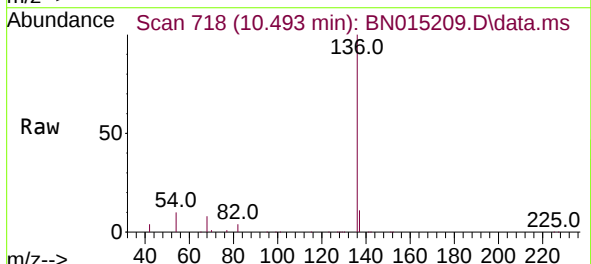
Instrument :
BNA_N
ClientSampleId :
RE139D2-20210617

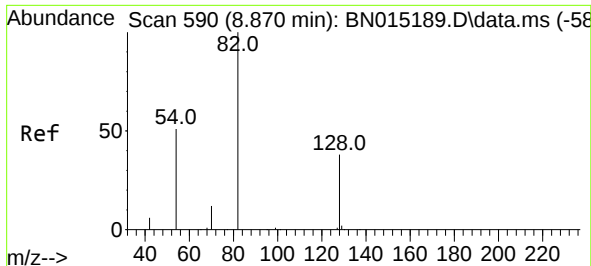
Tgt Ion: 99 Resp: 3982
Ion Ratio Lower Upper
99 100
42 18.8 8.9 13.3#
71 37.2 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.493 min Scan# 718
Delta R.T. -0.013 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

Tgt Ion: 136 Resp: 81121
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 10.3 5.4 8.2#
68 7.8 4.9 7.3#

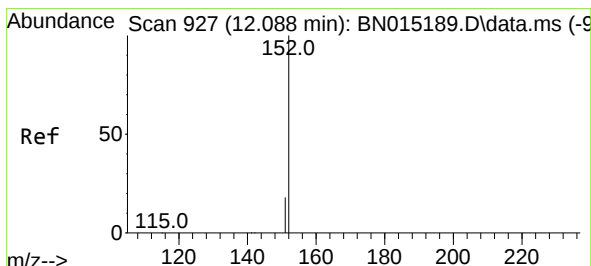
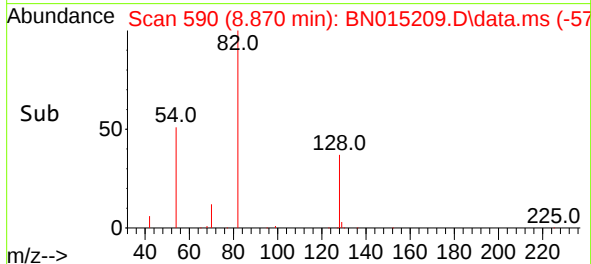
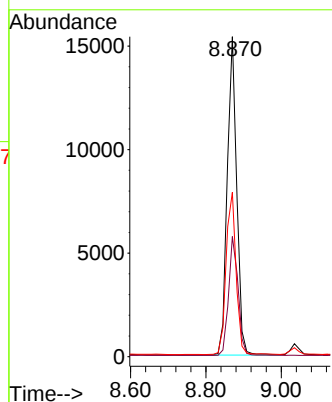
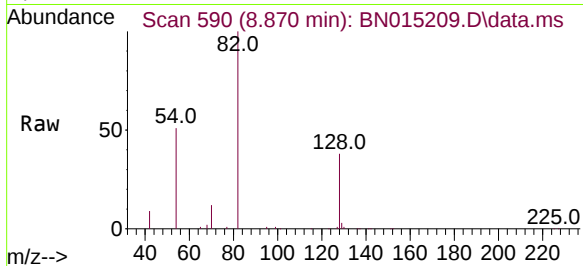




#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

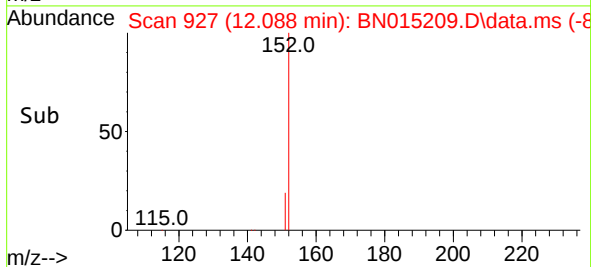
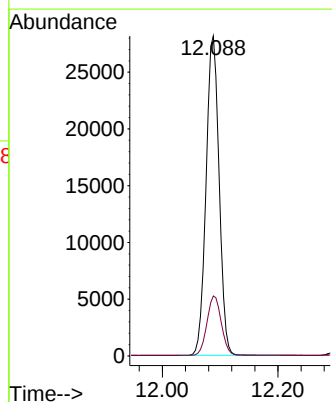
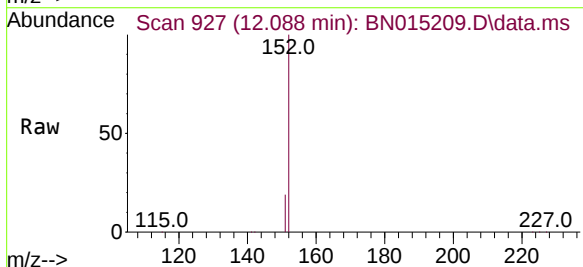
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BNA_N
ClientSampleId :
RE139D2-20210617

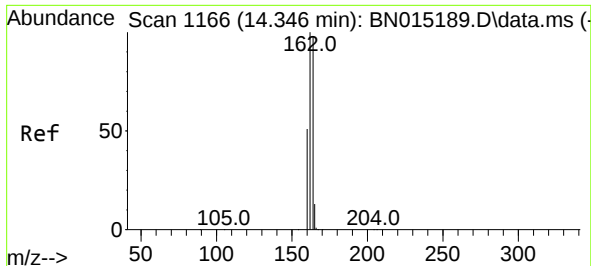
Tgt Ion: 82 Resp: 27029
Ion Ratio Lower Upper
82 100
128 37.6 31.6 47.4
54 51.4 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.088 min Scan# 927
Delta R.T. -0.000 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

Tgt Ion: 152 Resp: 44208
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

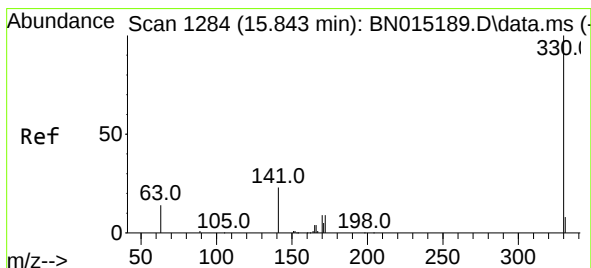
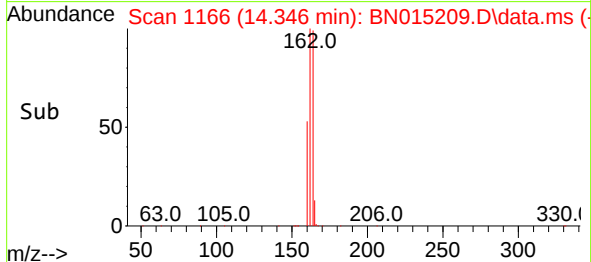
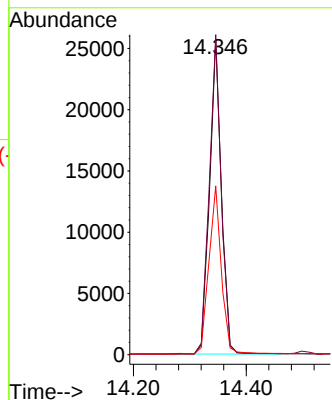
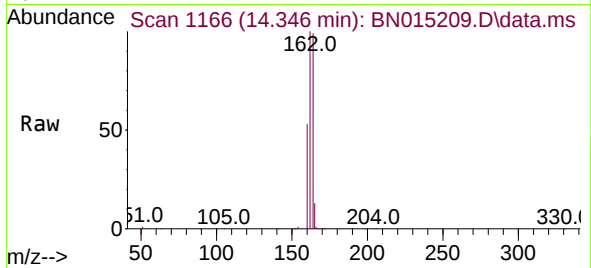




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

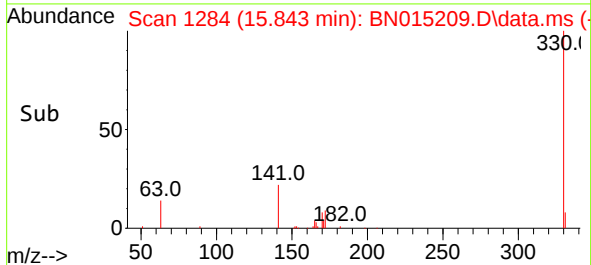
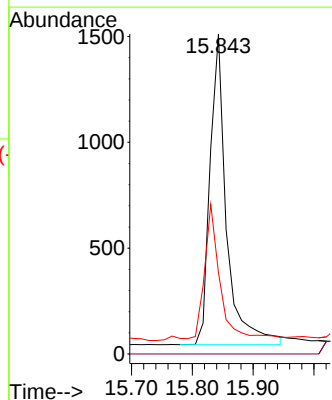
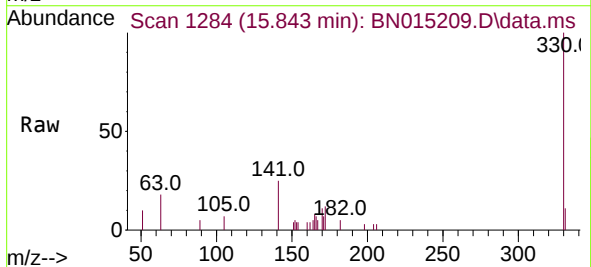
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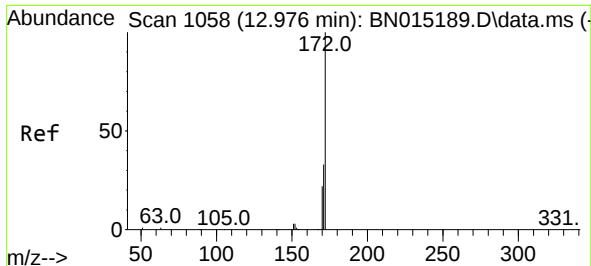
Tgt Ion:164 Resp: 37344
Ion Ratio Lower Upper
164 100
162 101.3 83.8 125.6
160 53.4 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

Tgt Ion:330 Resp: 2766
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.4 22.4 33.6#

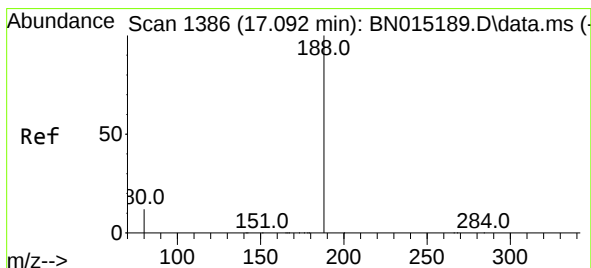
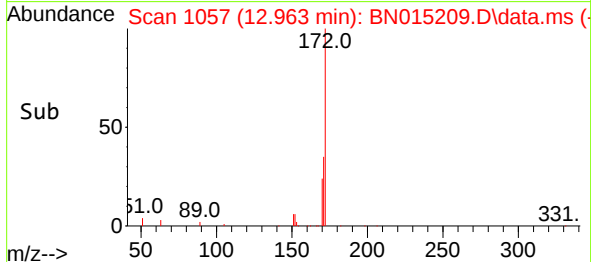
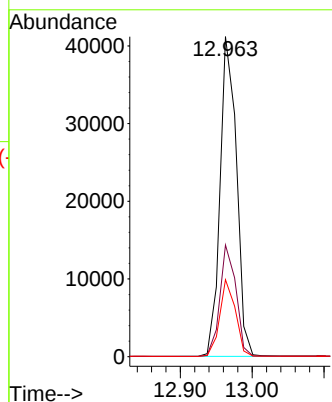
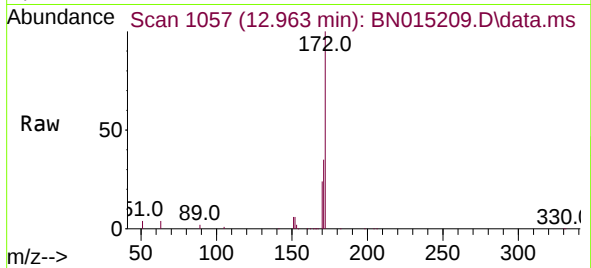




#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.013 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

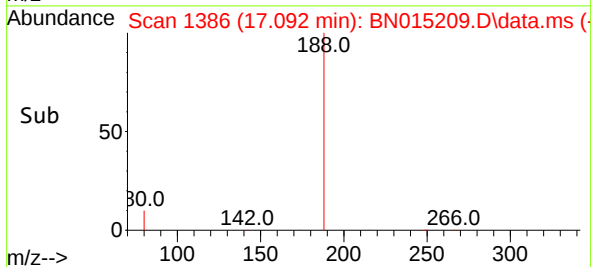
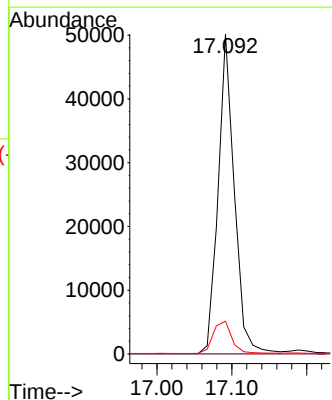
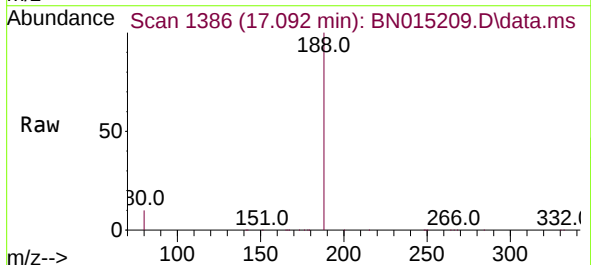
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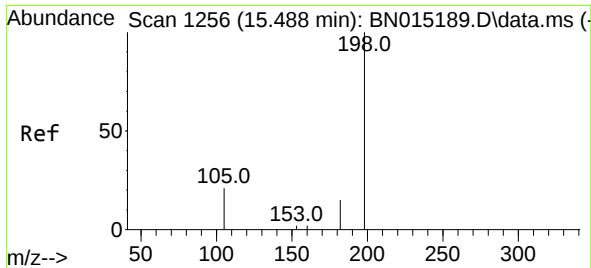
Tgt Ion:172	Resp:	65353
Ion Ratio	Lower	Upper
172	100	
171	34.9	30.6 45.8
170	24.1	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

Tgt Ion:188	Resp:	75186
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.2	9.0 13.4

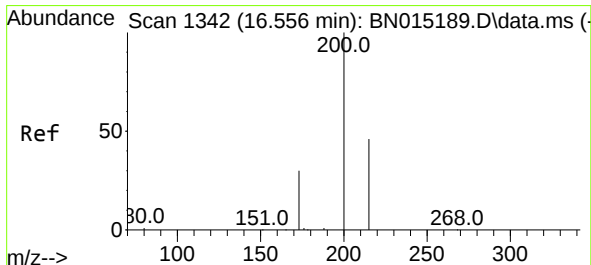
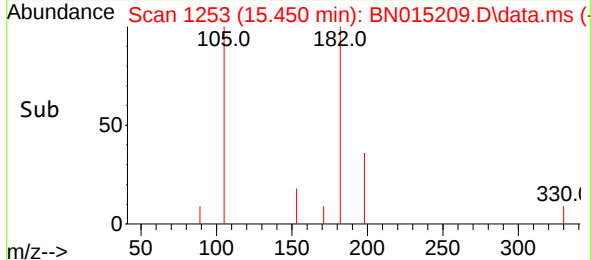
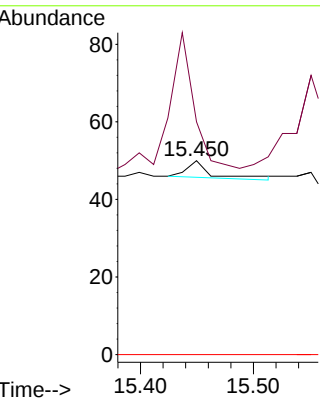
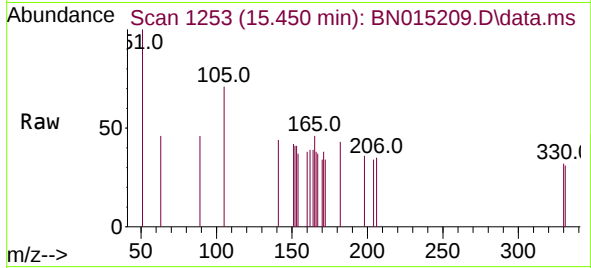




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.450 min Scan# 1253
Delta R.T. -0.038 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

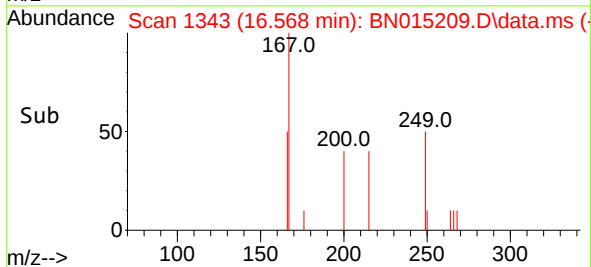
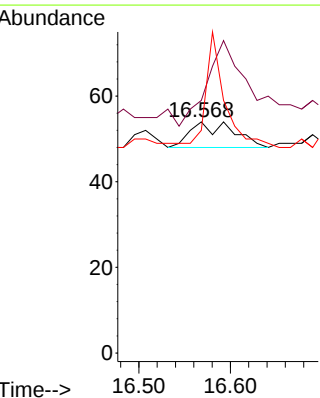
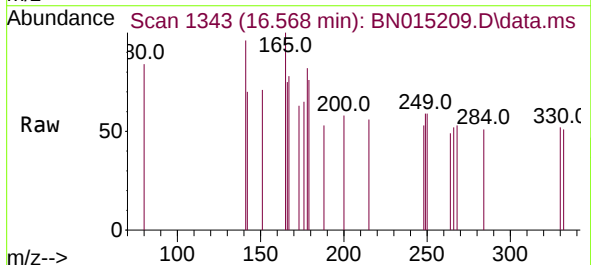
Instrument :
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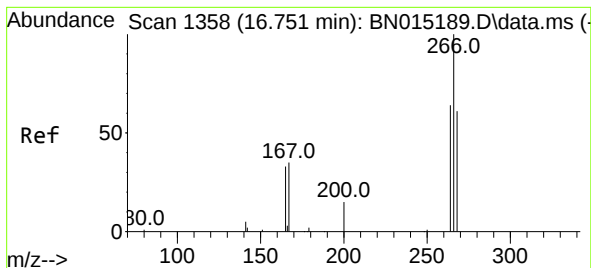
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 120.0 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.568 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

Tgt Ion:200 Resp: 20
Ion Ratio Lower Upper
200 100
173 109.3 21.7 32.5#
215 96.3 43.1 64.7#

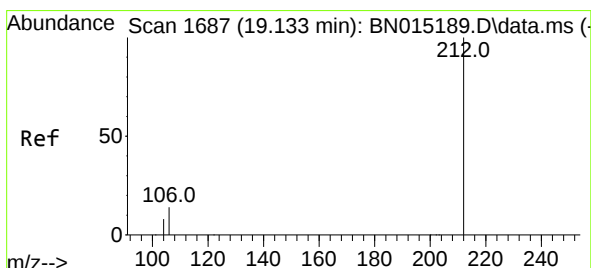
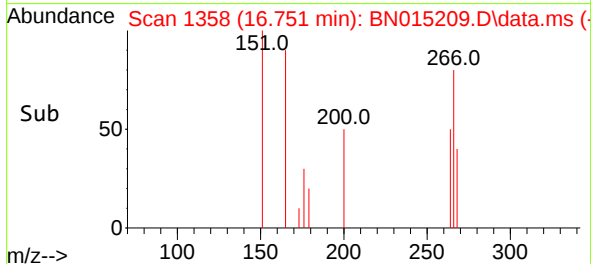
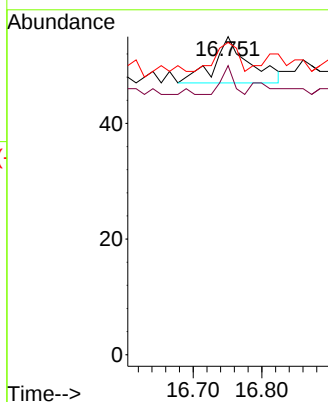
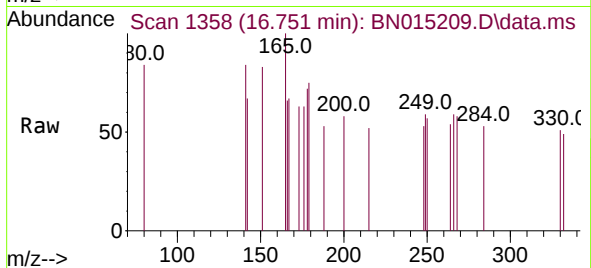




#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.751 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

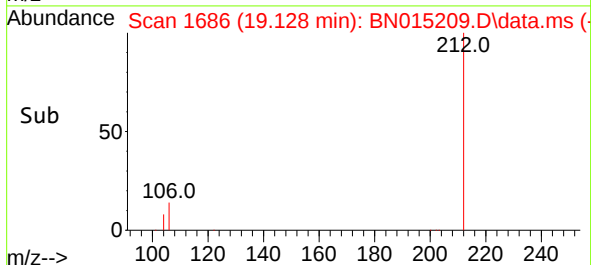
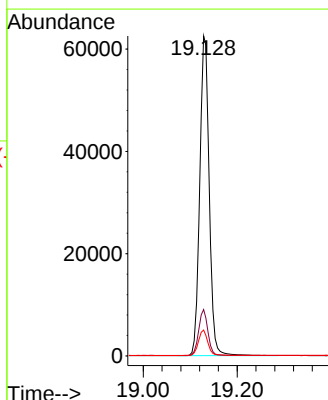
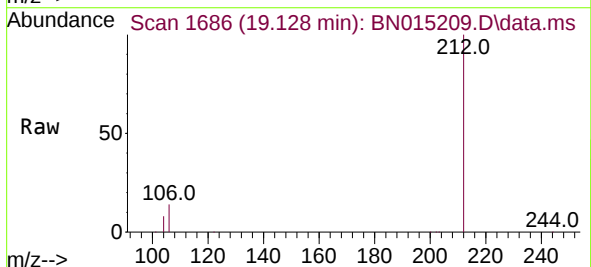
Instrument :
BNA_N
ClientSampleId :
RE139D2-20210617

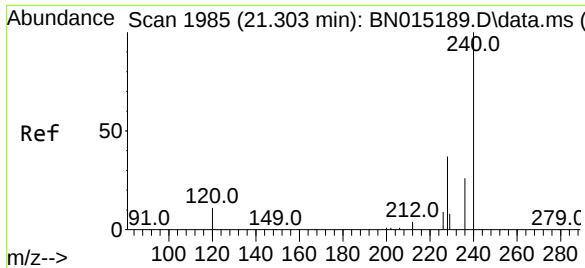
Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 21.4 51.0 76.4#
268 42.9 50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

Tgt Ion:212 Resp: 87110
Ion Ratio Lower Upper
212 100
106 13.9 7.0 10.6#
104 7.9 4.1 6.1#

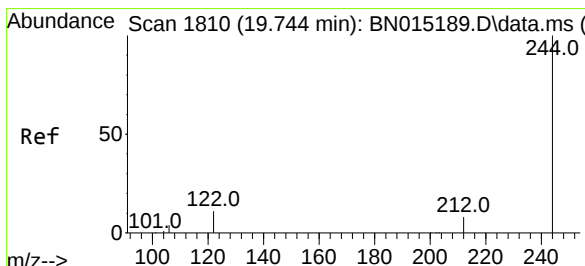
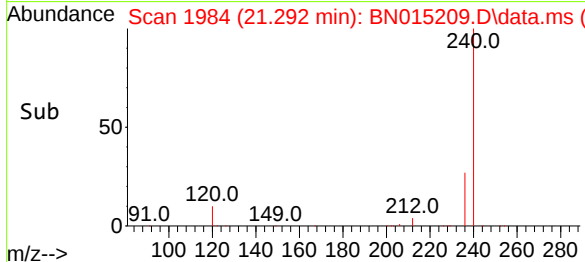
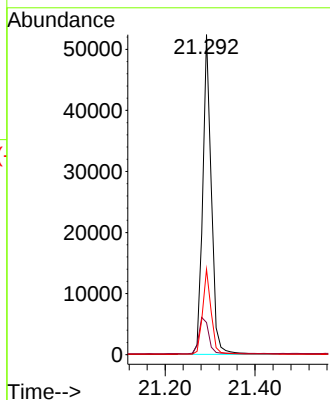
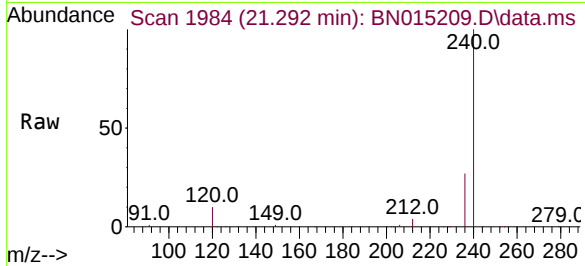




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

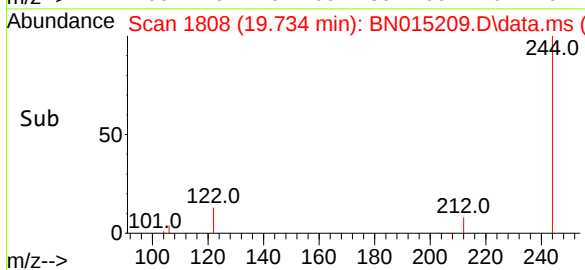
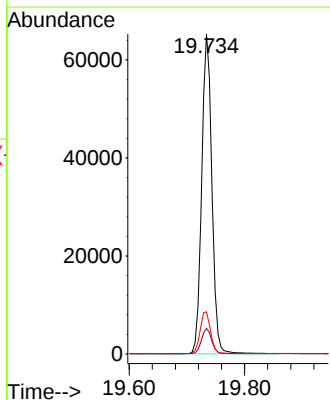
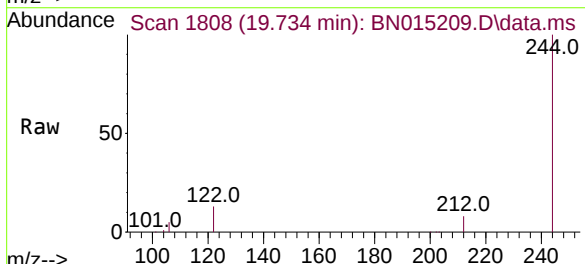
Instrument :
BNA_N
ClientSampleId :
RE139D2-20210617

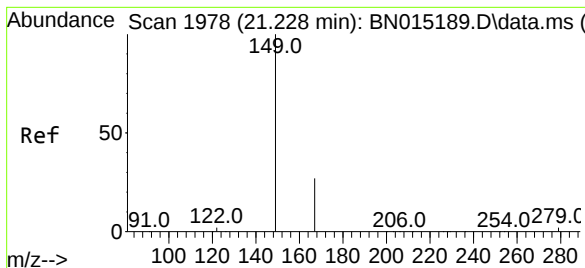
Tgt Ion:240 Resp: 69357
Ion Ratio Lower Upper
240 100
120 10.1 4.2 6.4#
236 26.7 21.4 32.2



#31
Terphenyl-d14
Concen: 0.52 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.010 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

Tgt Ion:244 Resp: 79507
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 13.1 6.2 9.2#

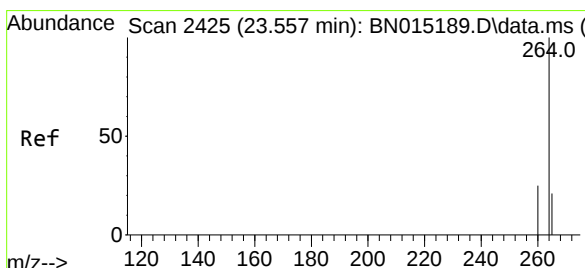
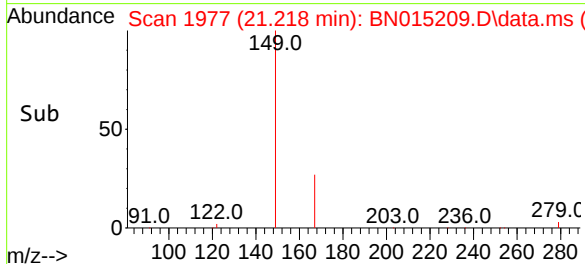
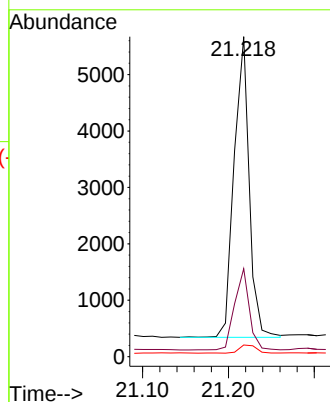
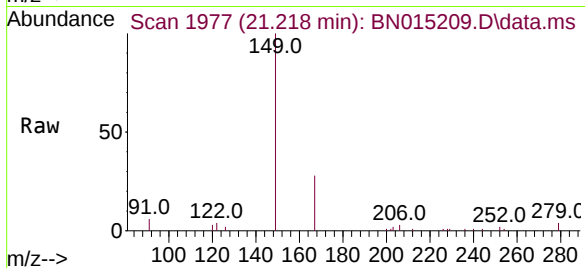




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.218 min Scan# 1977
Delta R.T. -0.010 min
Lab File: BN015209.D
Acq: 30 Jun 2021 05:22

Instrument :
BNA_N
ClientSampleId :
RE139D2-20210617

Tgt Ion:149 Resp: 6515
Ion Ratio Lower Upper
149 100
167 26.2 28.9 43.3#
279 3.0 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: BN015209.D
Acq: 30 Jun 2021 05:22

Tgt Ion:264 Resp: 58009
Ion Ratio Lower Upper
264 100
260 25.2 20.6 31.0
265 23.7 21.4 32.2

