

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
 Data File : BN015566.D
 Acq On : 14 Jul 2021 16:37
 Operator : CG/JU
 Sample : M2953-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-02-070621

Quant Time: Jul 14 17:06:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 11:20:16 2021
 Response via : Initial Calibration

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

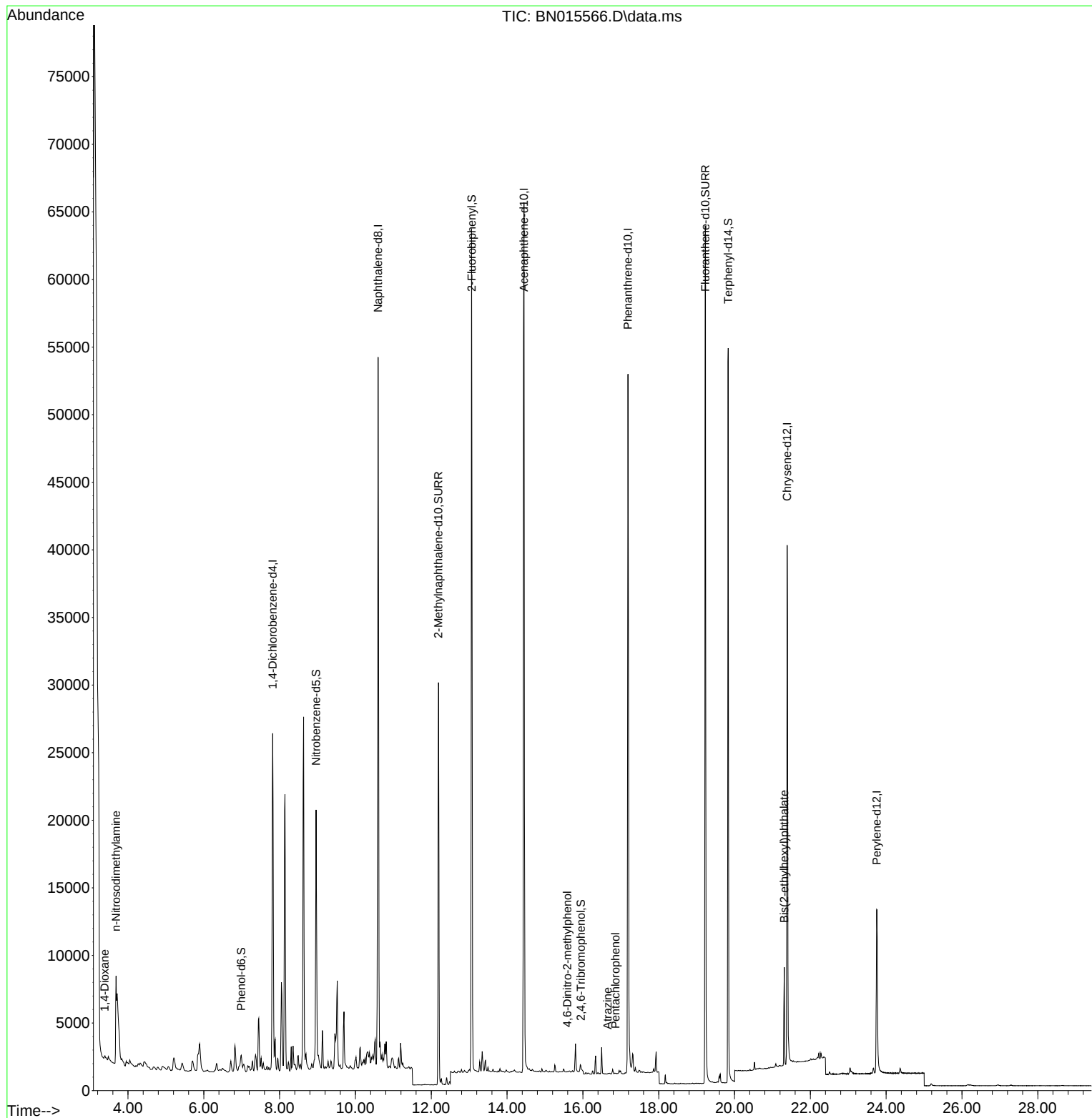
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	14687	0.400	ng	# 0.00
7) Naphthalene-d8	10.597	136	68676	0.400	ng	0.00
13) Acenaphthene-d10	14.446	164	37901	0.400	ng	0.01
19) Phenanthrene-d10	17.188	188	71938	0.400	ng	0.00
29) Chrysene-d12	21.387	240	40983	0.400	ng	# 0.00
35) Perylene-d12	23.752	264	19139	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	573	0.015	ng	0.00
5) Phenol-d6	6.988	99	1045	0.022	ng	0.00
8) Nitrobenzene-d5	8.962	82	16378	0.426	ng	0.00
11) 2-Methylnaphthalene-d10	12.190	152	40082	0.352	ng	0.00
14) 2,4,6-Tribromophenol	15.944	330	502	0.250	ng	0.01
15) 2-Fluorobiphenyl	13.063	172	54514	0.354	ng	0.00
27) Fluoranthene-d10	19.232	212	76253	0.359	ng	0.00
31) Terphenyl-d14	19.832	244	57703	0.602	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.383	88	488	0.071	ng	# 64
3) n-Nitrosodimethylamine	3.687	42	1148	0.089	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.588	198	3	0.193	ng	# 8
23) Atrazine	16.653	200	22	0.173	ng	# 12
24) Pentachlorophenol	16.859	266	39	0.247	ng	97
34) Bis(2-ethylhexyl)phtha...	21.312	149	6619	0.281	ng	# 87

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

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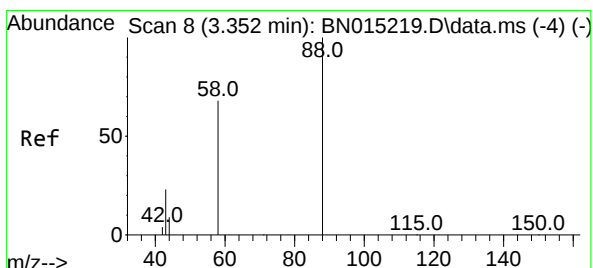
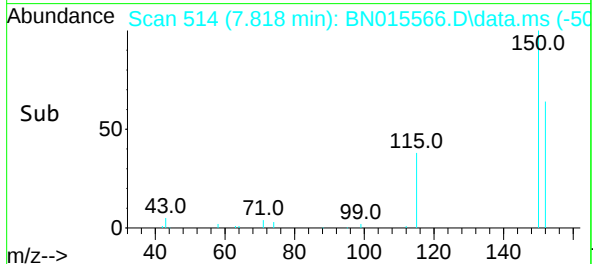
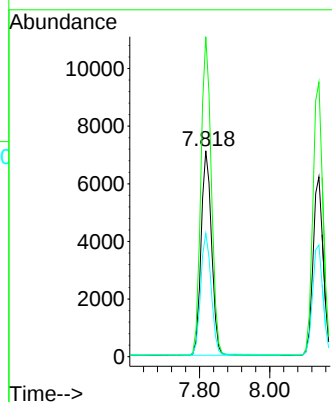
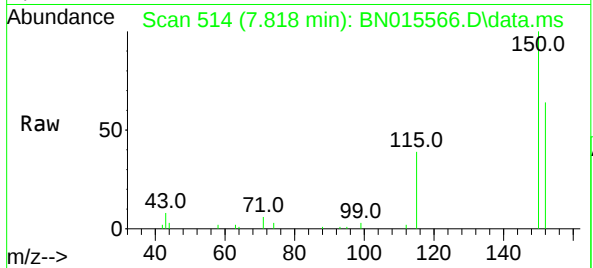




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 514
 Delta R.T. 0.001 min
 Lab File: BN015566.D
 Acq: 14 Jul 2021 16:37

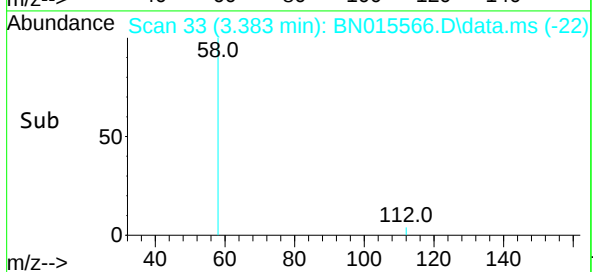
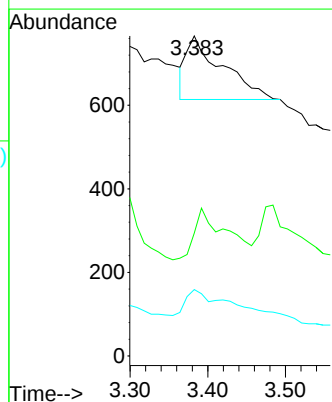
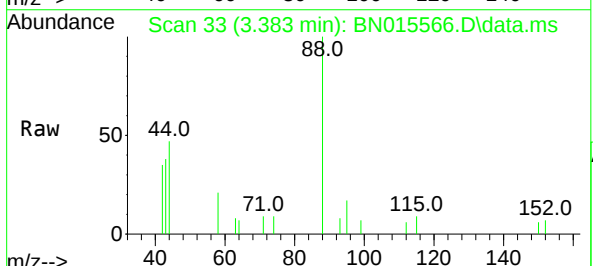
Instrument :
 BNA_N
 ClientSampleId :
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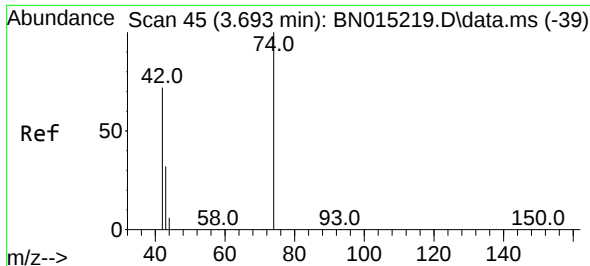
Tgt Ion: 152 Resp: 14687
 Ion Ratio Lower Upper
 152 100
 150 155.4 119.0 178.6
 115 60.0 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.071 ng
 RT: 3.383 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: BN015566.D
 Acq: 14 Jul 2021 16:37

Tgt Ion: 88 Resp: 488
 Ion Ratio Lower Upper
 88 100
 43 72.7 12.9 19.3#
 58 45.5 38.1 57.1

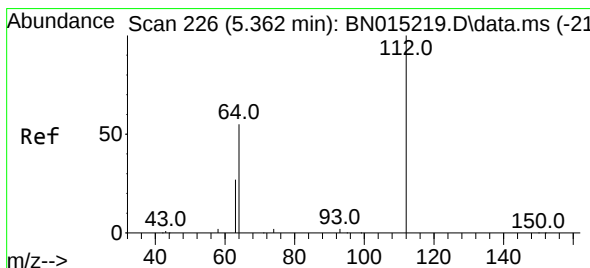
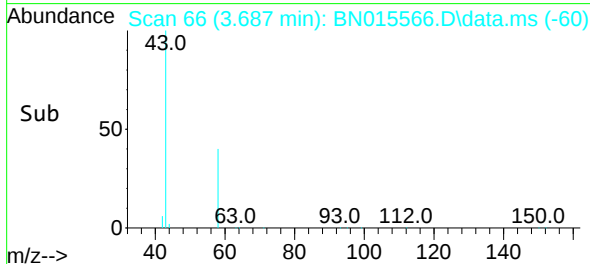
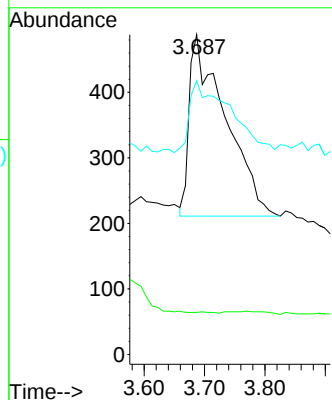
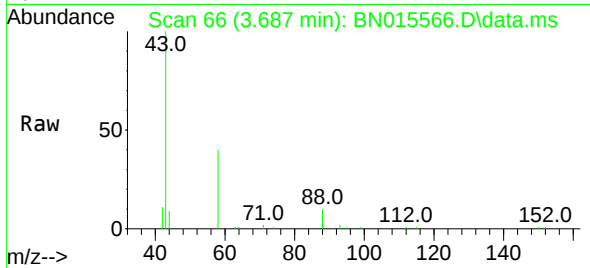




#3
n-Nitrosodimethylamine
Concen: 0.089 ng
RT: 3.687 min Scan# 66
Delta R.T. -0.046 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

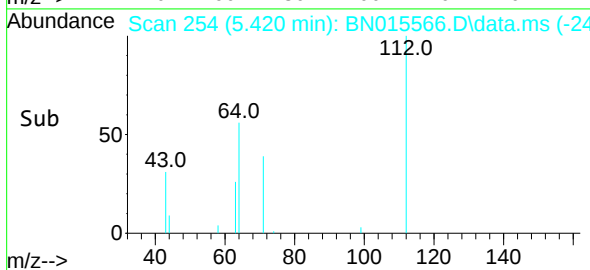
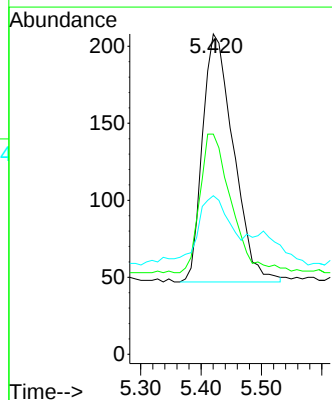
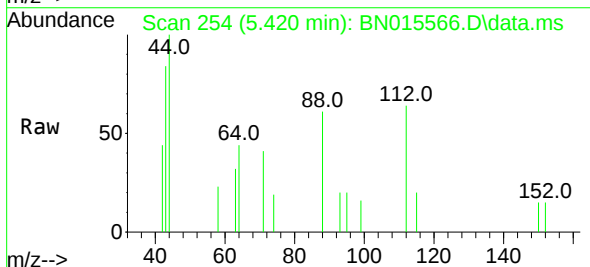
Instrument :
BNA_N
ClientSampleId :
EB-02-070621

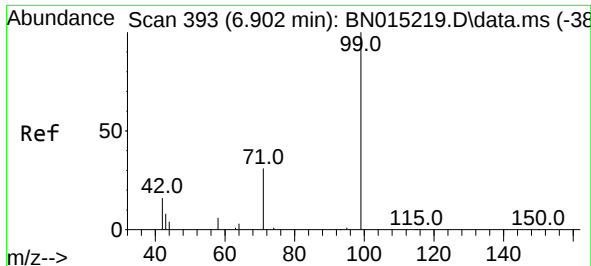
Tgt Ion: 42 Resp: 1148
Ion Ratio Lower Upper
42 100
74 0.0 149.5 224.3#
44 44.2 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.015 ng
RT: 5.420 min Scan# 254
Delta R.T. 0.000 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

Tgt Ion: 112 Resp: 573
Ion Ratio Lower Upper
112 100
64 56.4 39.0 58.6
63 24.6 20.6 30.8

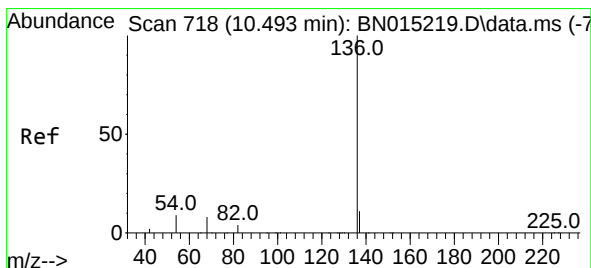
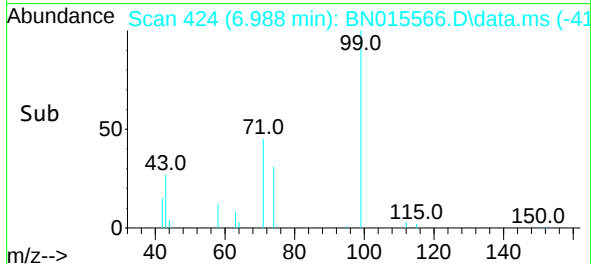
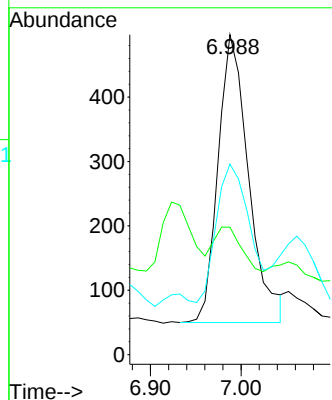
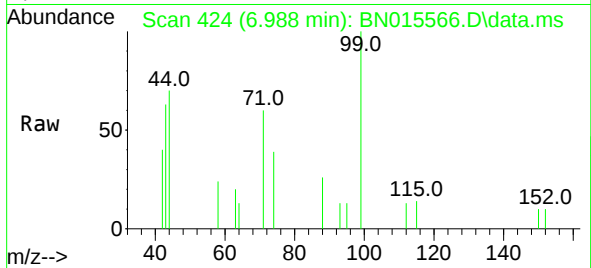




#5
Phenol-d6
Concen: 0.022 ng
RT: 6.988 min Scan# 424
Delta R.T. 0.000 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

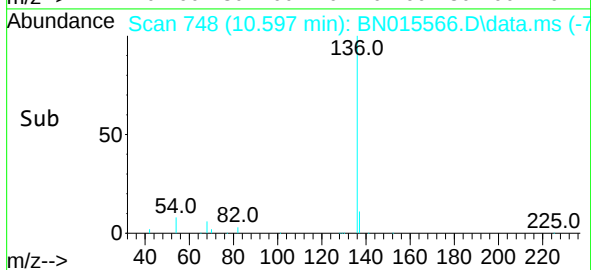
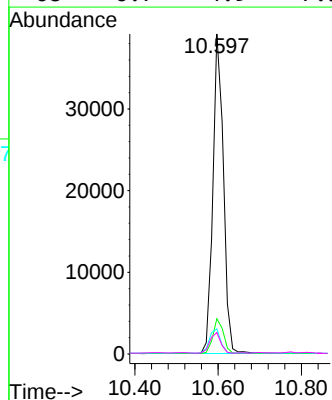
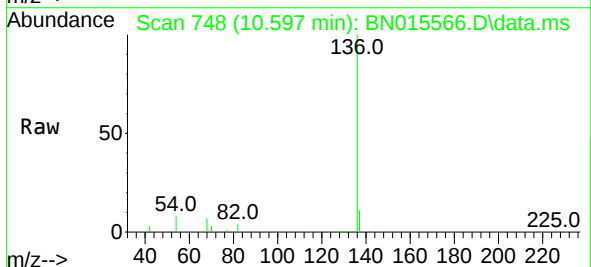
Instrument :
BNA_N
ClientSampleId :
EB-02-070621

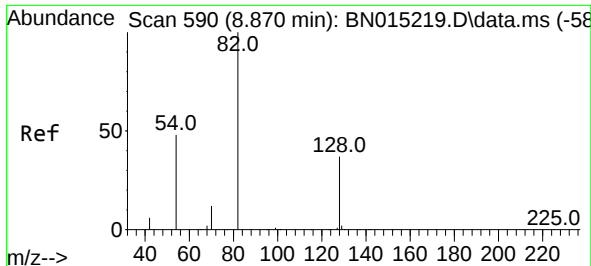
Tgt Ion: 99 Resp: 1045
Ion Ratio Lower Upper
99 100
42 13.7 8.9 13.3#
71 51.8 35.6 53.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.597 min Scan# 748
Delta R.T. 0.000 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

Tgt Ion: 136 Resp: 68676
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 7.9 5.4 8.2
68 6.7 4.9 7.3

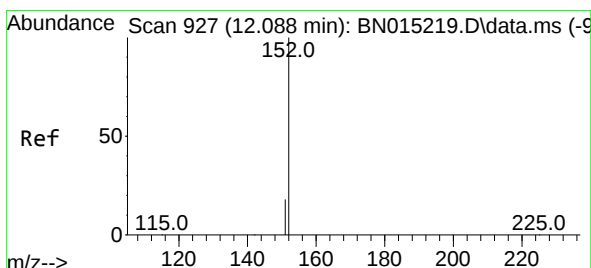
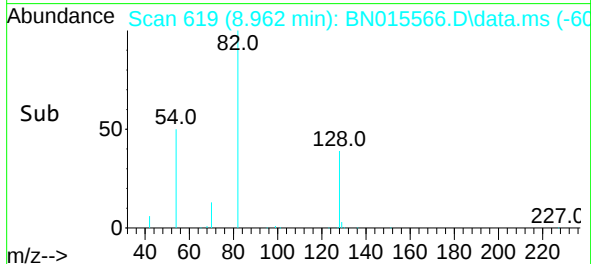
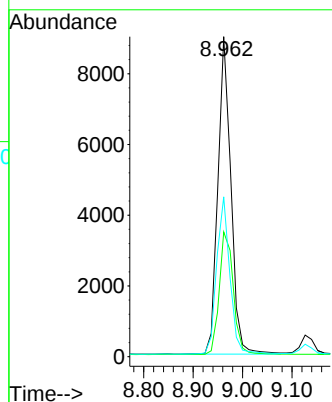
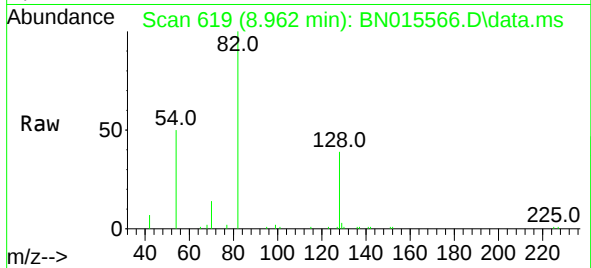




#8
Nitrobenzene-d5
Concen: 0.426 ng
RT: 8.962 min Scan# 619
Delta R.T. 0.000 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

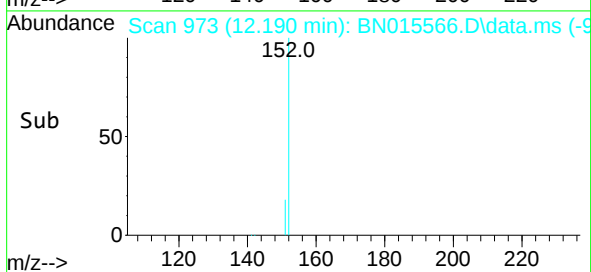
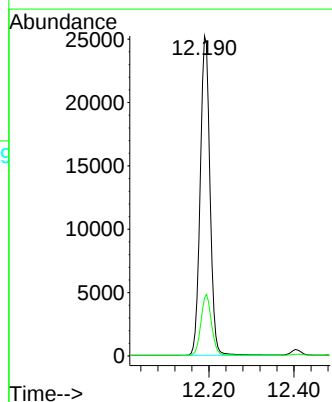
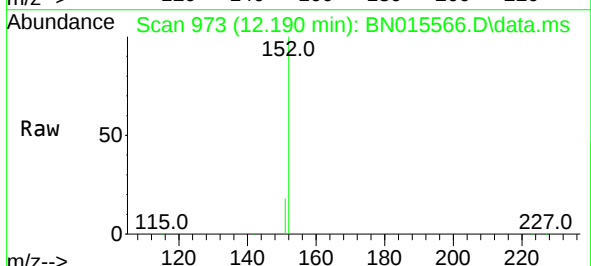
Instrument :
BNA_N
ClientSampleId :
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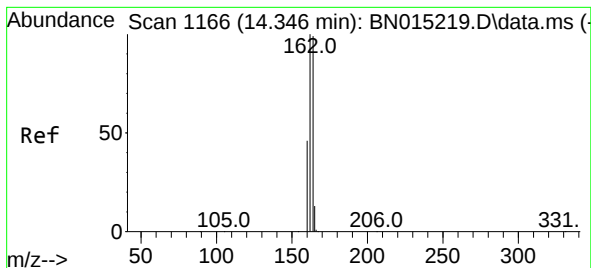
Tgt Ion: 82 Resp: 16378
Ion Ratio Lower Upper
82 100
128 39.0 31.6 47.4
54 49.9 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.190 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

Tgt Ion: 152 Resp: 40082
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1

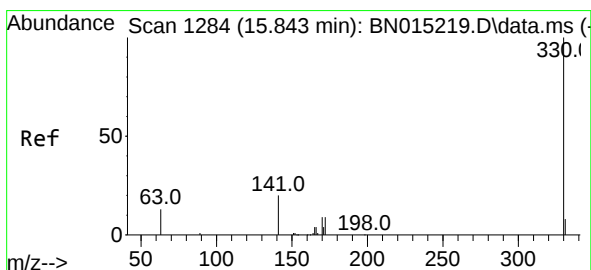
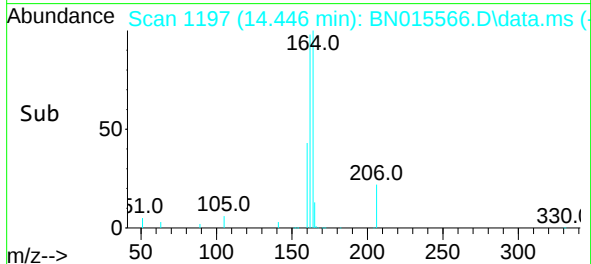
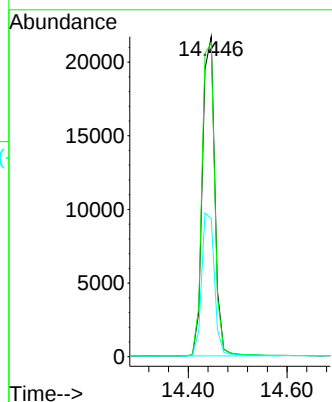
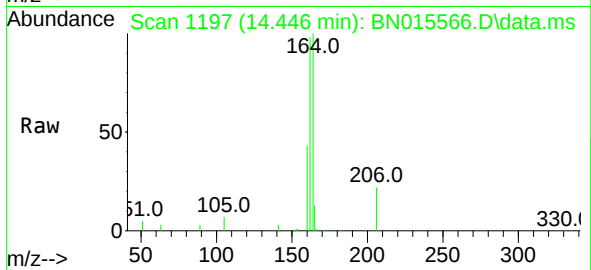




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.446 min Scan# 1197
Delta R.T. 0.013 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

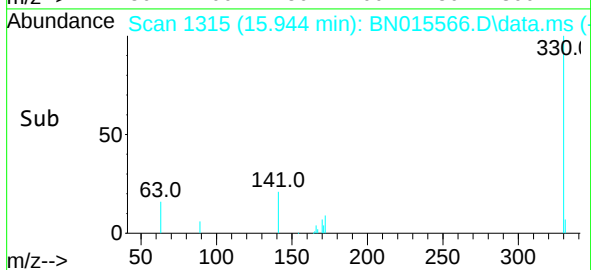
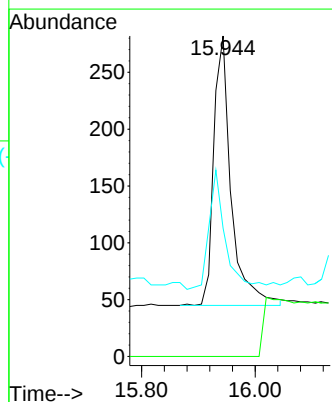
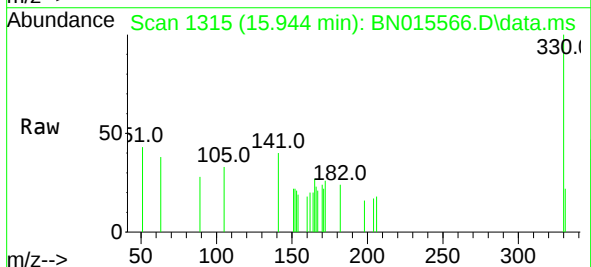
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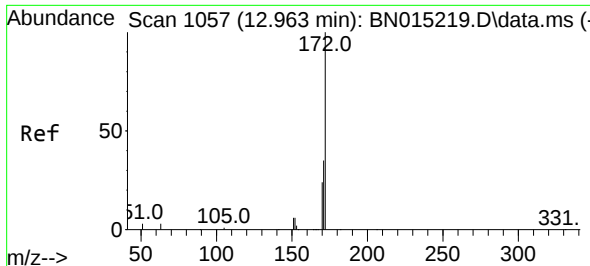
Tgt Ion:164 Resp: 37901
Ion Ratio Lower Upper
164 100
162 98.0 83.8 125.6
160 43.1 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.250 ng
RT: 15.944 min Scan# 1315
Delta R.T. 0.013 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

Tgt Ion:330 Resp: 502
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.8 22.4 33.6#

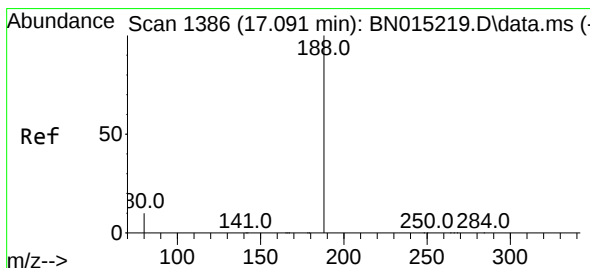
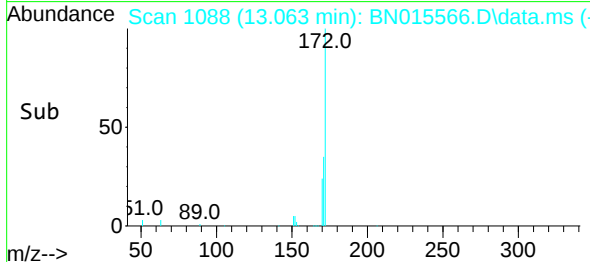
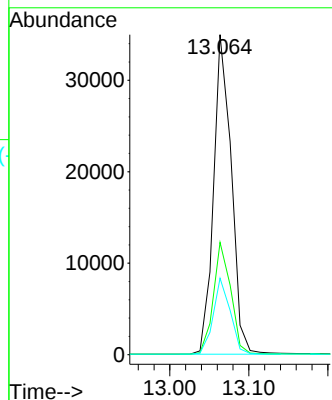
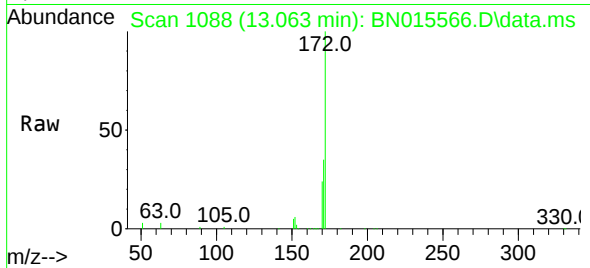




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.063 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

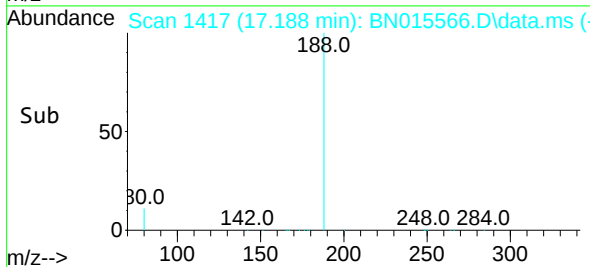
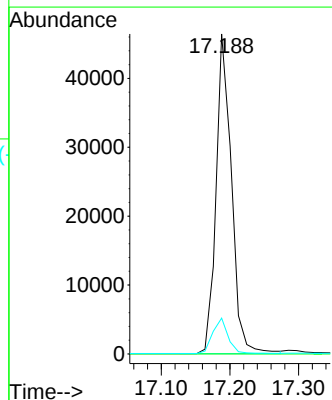
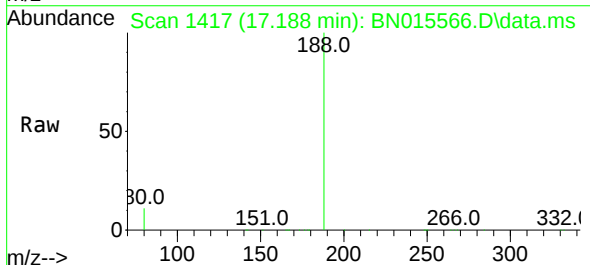
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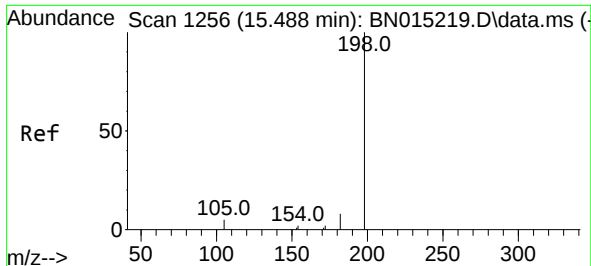
Tgt Ion:172 Resp: 54514
Ion Ratio Lower Upper
172 100
171 35.1 30.6 45.8
170 23.9 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

Tgt Ion:188 Resp: 71938
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 9.0 13.4

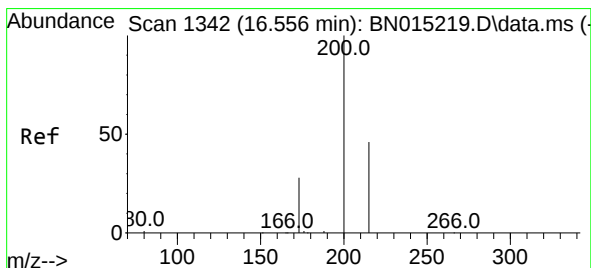
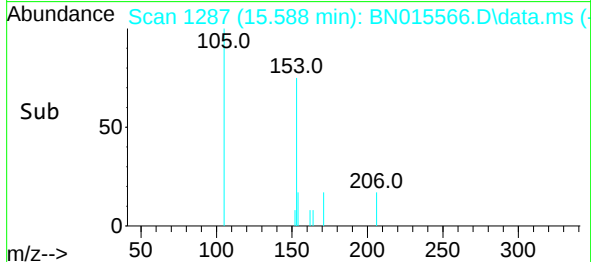
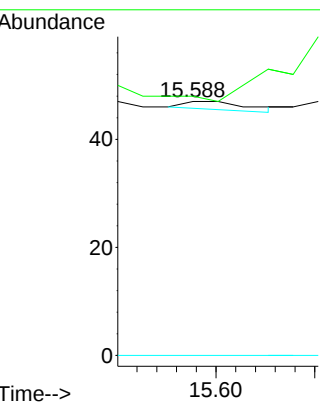
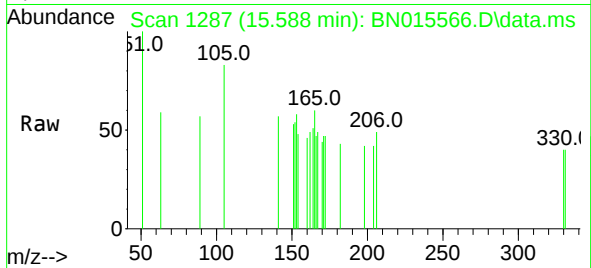




#20
4,6-Dinitro-2-methylphenol
Concen: 0.193 ng
RT: 15.588 min Scan# 1287
Delta R.T. 0.013 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

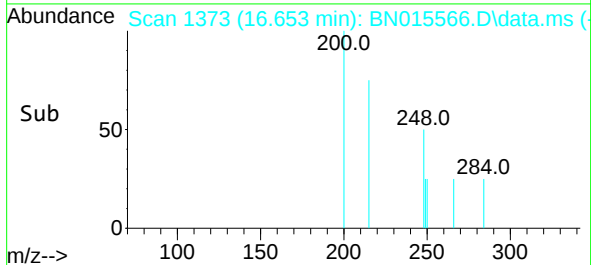
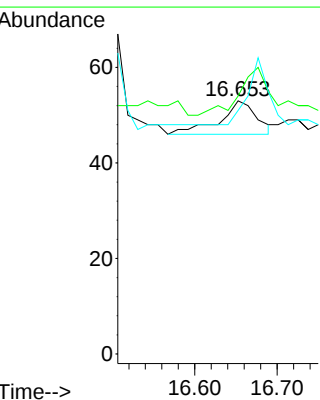
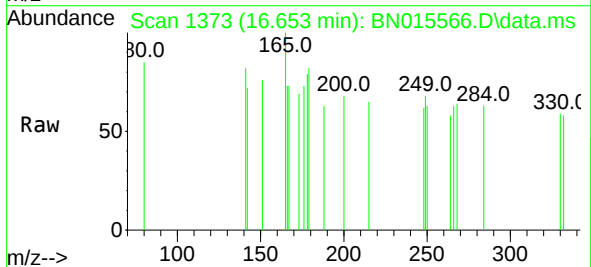
Instrument :
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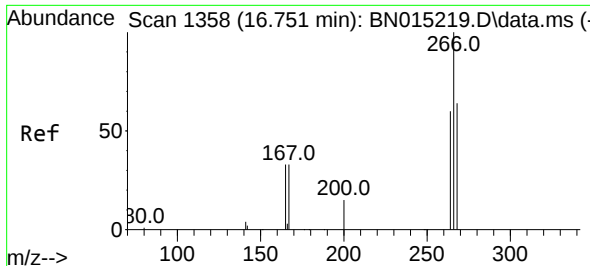
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 102.1 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.173 ng
RT: 16.653 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

Tgt Ion:200 Resp: 22
Ion Ratio Lower Upper
200 100
173 101.9 21.7 32.5#
215 96.2 43.1 64.7#

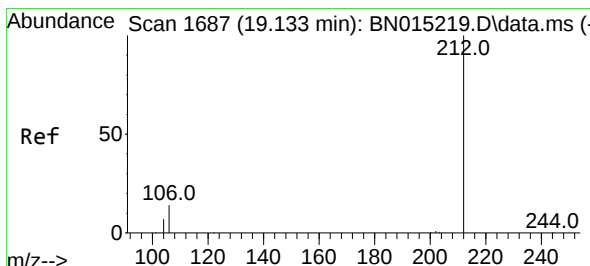
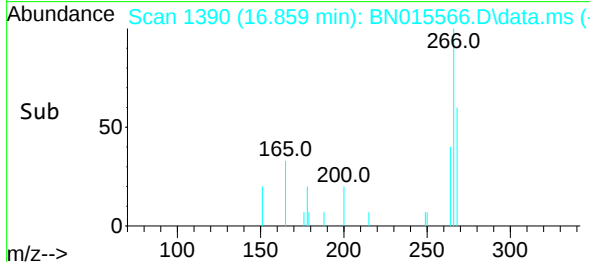
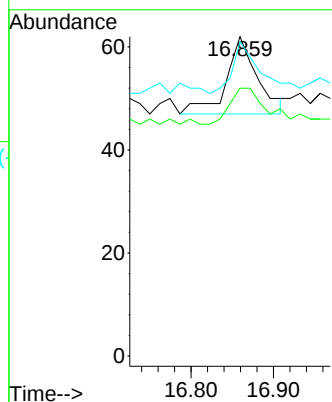
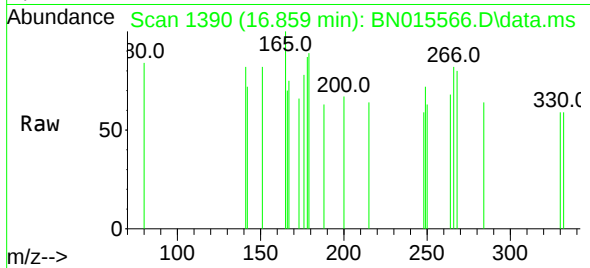




#24
Pentachlorophenol
Concen: 0.247 ng
RT: 16.859 min Scan# 1390
Delta R.T. 0.013 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

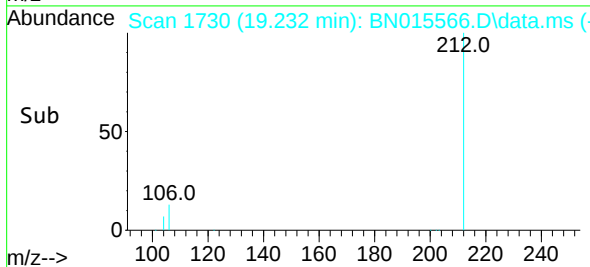
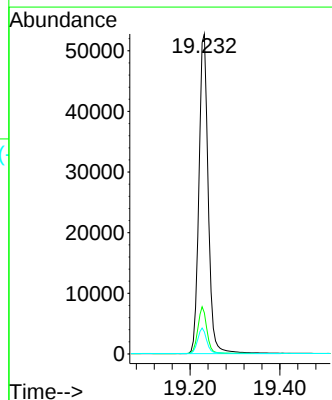
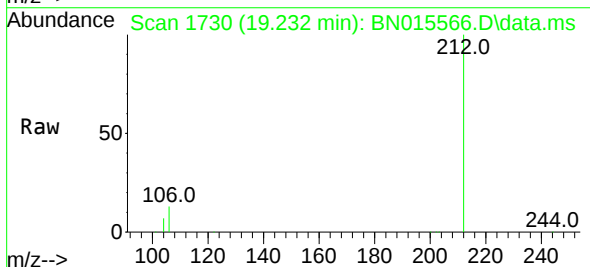
Instrument :
BNA_N
ClientSampleId :
EB-02-070621

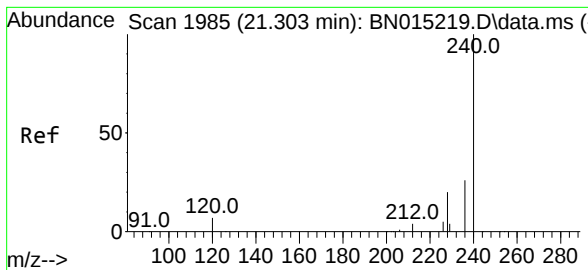
Tgt Ion:266 Resp: 39
Ion Ratio Lower Upper
266 100
264 66.7 51.0 76.4
268 61.5 50.6 76.0



#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.232 min Scan# 1730
Delta R.T. 0.005 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

Tgt Ion:212 Resp: 76253
Ion Ratio Lower Upper
212 100
106 14.3 7.0 10.6#
104 7.9 4.1 6.1#

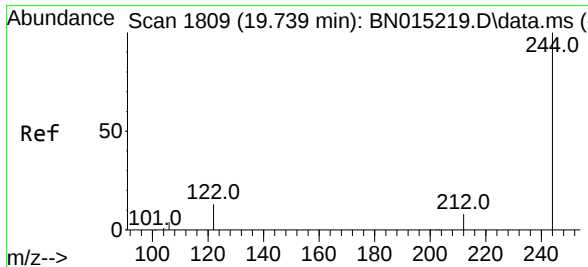
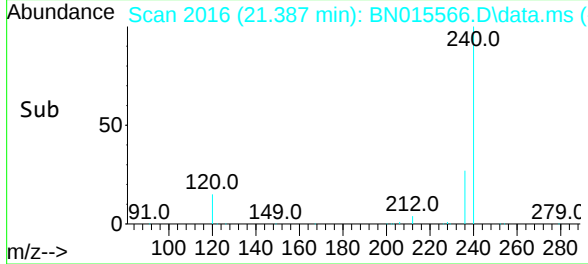
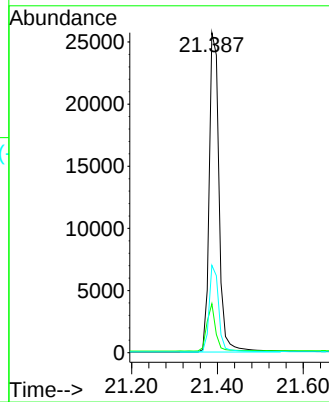
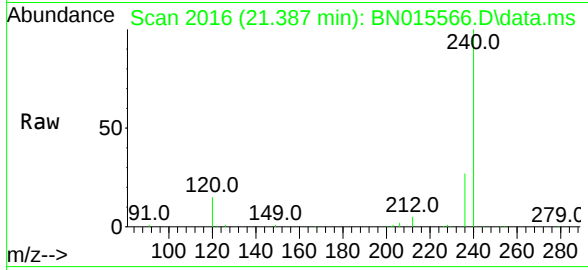




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.387 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

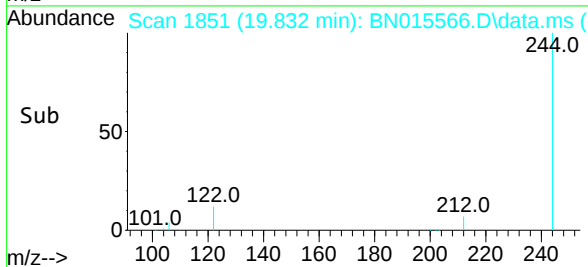
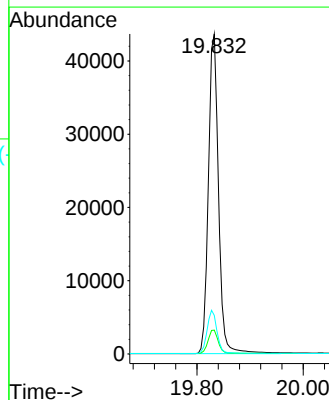
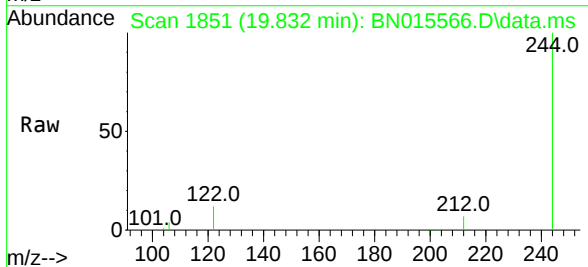
Instrument :
BNA_N
ClientSampleId :
EB-02-070621

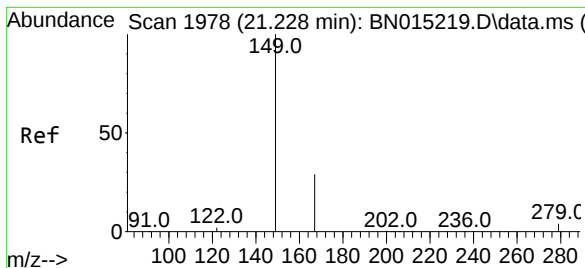
Tgt Ion:240 Resp: 40983
Ion Ratio Lower Upper
240 100
120 15.3 4.2 6.4#
236 27.3 21.4 32.2



#31
Terphenyl-d14
Concen: 0.602 ng
RT: 19.832 min Scan# 1851
Delta R.T. 0.005 min
Lab File: BN015566.D
Acq: 14 Jul 2021 16:37

Tgt Ion:244 Resp: 57703
Ion Ratio Lower Upper
244 100
212 7.4 6.3 9.5
122 12.0 6.2 9.2#

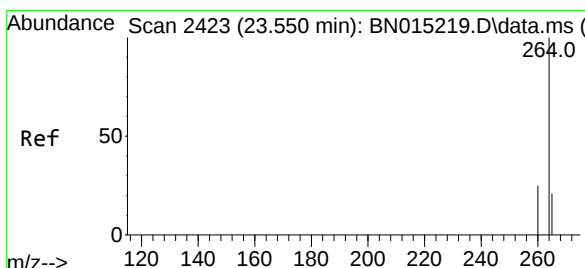
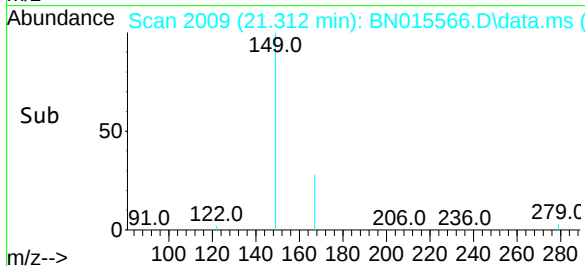
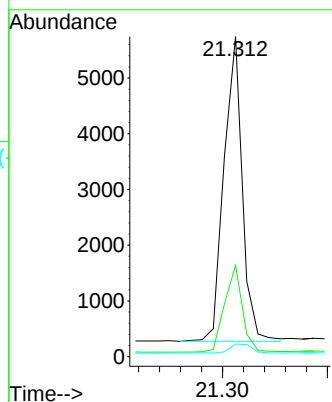
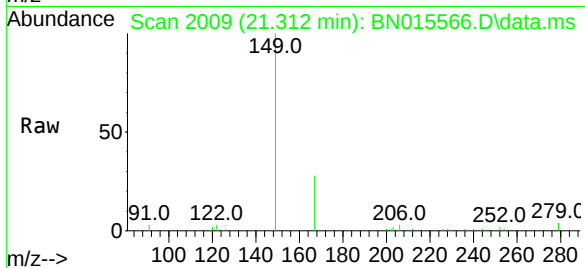




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.281 ng
 RT: 21.312 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: BN015566.D
 Acq: 14 Jul 2021 16:37

Instrument :
 BNA_N
 ClientSampleId :
 EB-02-070621

Tgt Ion:149 Resp: 6619
 Ion Ratio Lower Upper
 149 100
 167 27.7 28.9 43.3#
 279 3.7 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.752 min Scan# 2505
 Delta R.T. 0.004 min
 Lab File: BN015566.D
 Acq: 14 Jul 2021 16:37

Tgt Ion:264 Resp: 19139
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.6 31.0
 265 28.4 21.4 32.2

