

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
 Data File : BN015568.D
 Acq On : 14 Jul 2021 17:50
 Operator : CG/JU
 Sample : M2953-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 15 01:04:46 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)

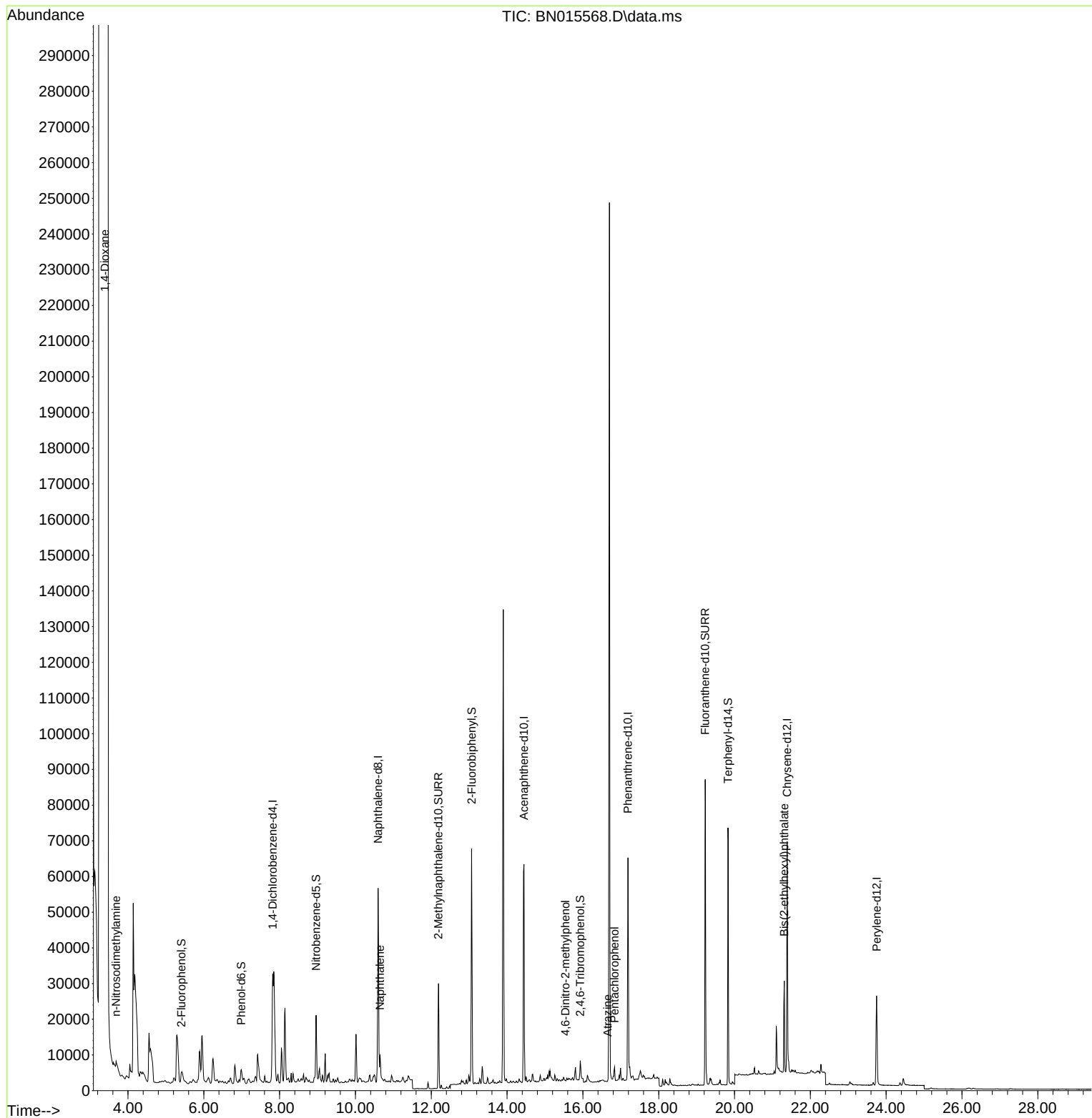
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	15609	0.40	ng	# 0.00
7) Naphthalene-d8	10.597	136	72961	0.40	ng	# 0.00
13) Acenaphthene-d10	14.446	164	41396	0.40	ng	0.01
19) Phenanthrene-d10	17.188	188	81310	0.40	ng	0.00
29) Chrysene-d12	21.387	240	60192	0.40	ng	# 0.00
35) Perylene-d12	23.748	264	35399	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.411	112	5874	0.15	ng	0.00
5) Phenol-d6	6.988	99	3731	0.07	ng	0.00
8) Nitrobenzene-d5	8.962	82	15895	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.189	152	40072	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.931	330	4200	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.063	172	55332	0.33	ng	0.00
27) Fluoranthene-d10	19.227	212	94927	0.40	ng	0.00
31) Terphenyl-d14	19.827	244	72035	0.51	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.392	88	502	0.07	ng	# 32
3) n-Nitrosodimethylamine	3.687	42	844	0.06	ng	# 1
9) Naphthalene	10.647	128	8419	0.04	ng	98
20) 4,6-Dinitro-2-methylph...	15.537	198	30	0.21	ng	# 1
23) Atrazine	16.652	200	70	0.17	ng	# 14
24) Pentachlorophenol	16.835	266	2676	0.51	ng	# 35
34) Bis(2-ethylhexyl)phtha...	21.312	149	24108	0.47	ng	# 87

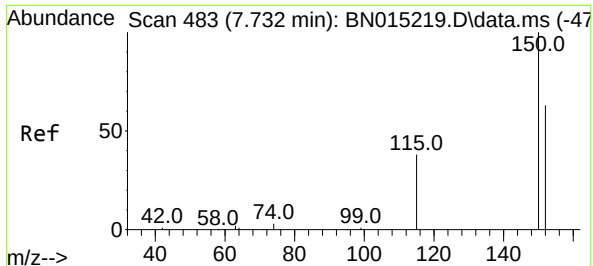
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
Data File : BN015568.D
Acq On : 14 Jul 2021 17:50
Operator : CG/JU
Sample : M2953-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 15 01:04:46 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

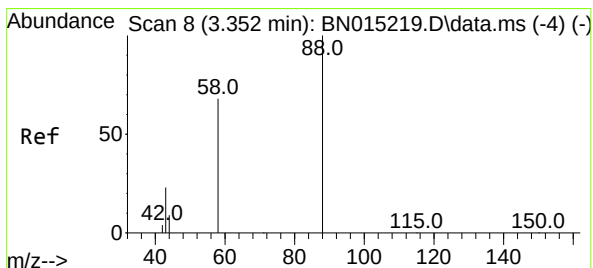
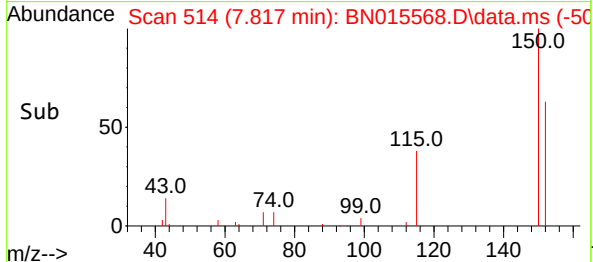
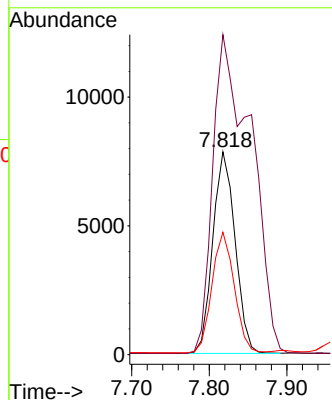
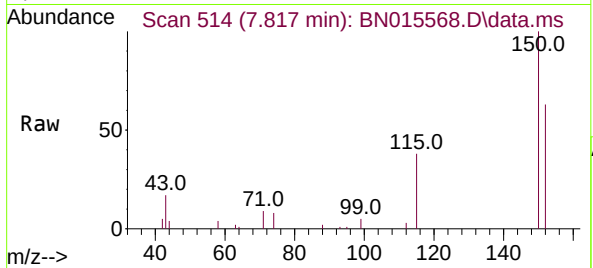




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.817 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BN015568.D
 Acq: 14 Jul 2021 17:50

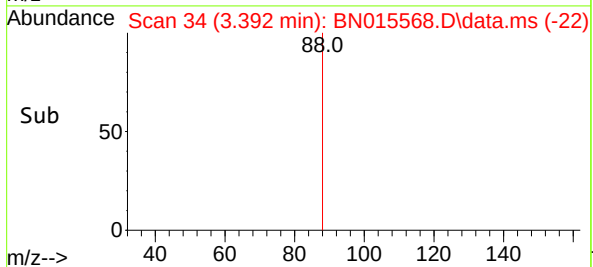
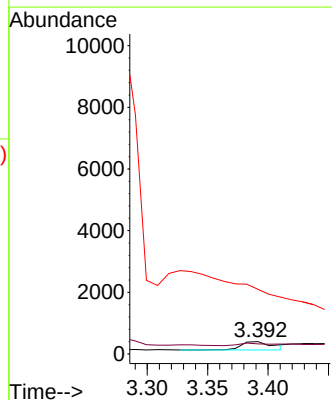
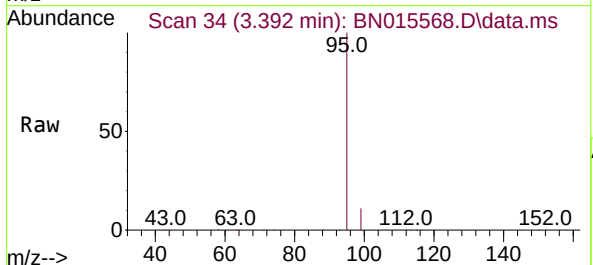
Instrument :
 BNA_N
 ClientSampled :

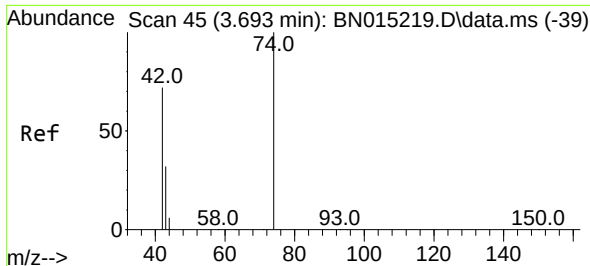
Tgt Ion:152 Resp: 15609
 Ion Ratio Lower Upper
 152 100
 150 157.7 119.0 178.6
 115 60.3 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.07 ng
 RT: 3.392 min Scan# 34
 Delta R.T. 0.009 min
 Lab File: BN015568.D
 Acq: 14 Jul 2021 17:50

Tgt Ion: 88 Resp: 502
 Ion Ratio Lower Upper
 88 100
 43 41.6 12.9 19.3#
 58 0.0 38.1 57.1#

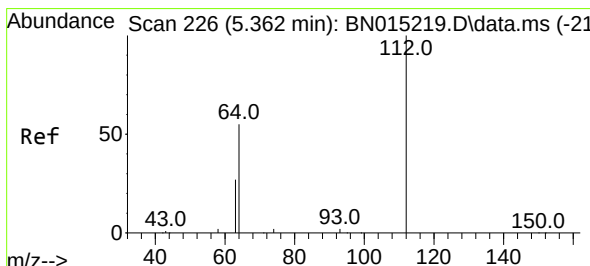
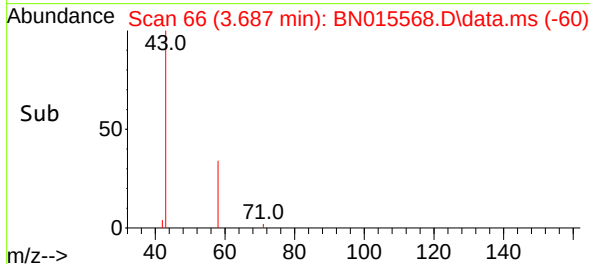
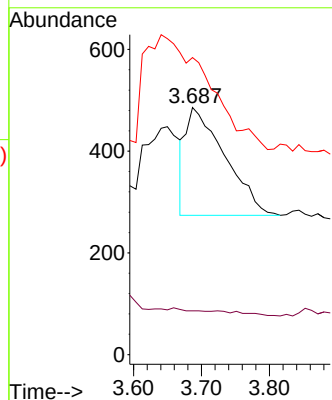
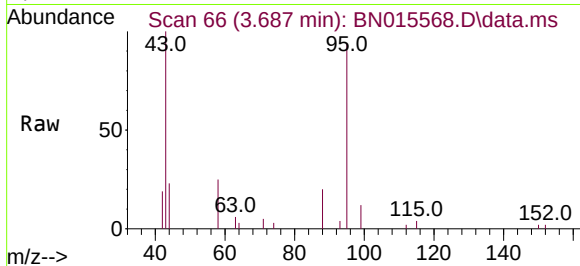




#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.687 min Scan# 66
Delta R.T. -0.046 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

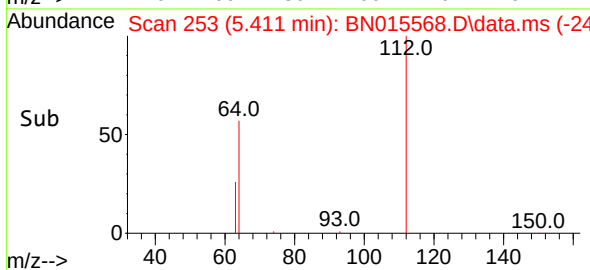
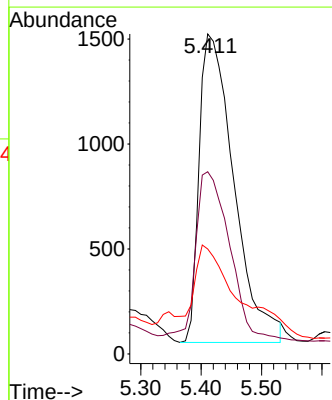
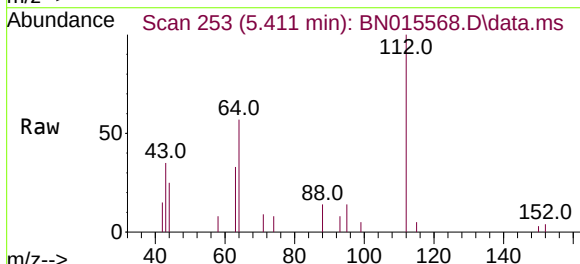
Instrument :
BNA_N
ClientSampled :

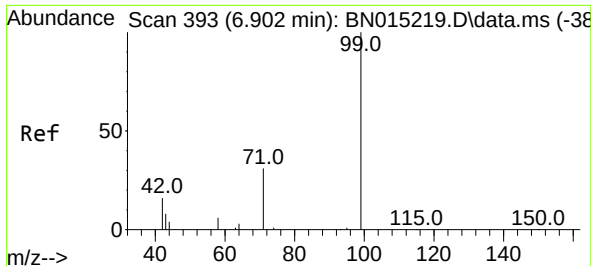
Tgt Ion: 42 Resp: 844
Ion Ratio Lower Upper
42 100
74 0.0 149.5 224.3#
44 0.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.411 min Scan# 253
Delta R.T. -0.009 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

Tgt Ion: 112 Resp: 5874
Ion Ratio Lower Upper
112 100
64 51.1 39.0 58.6
63 22.3 20.6 30.8

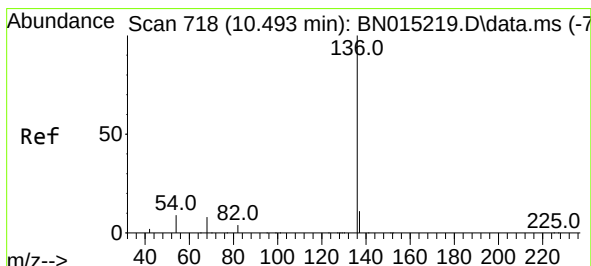
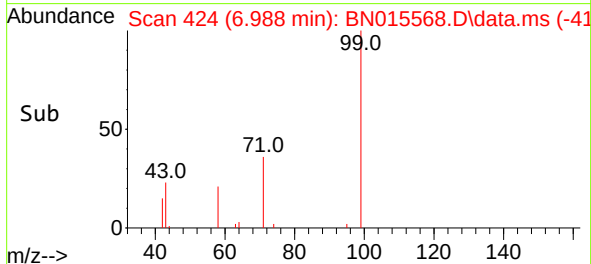
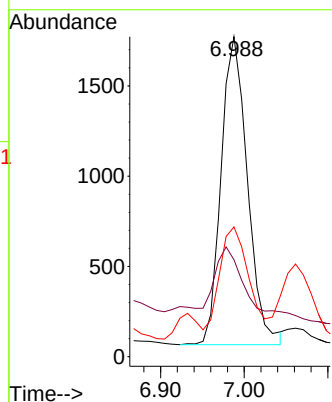
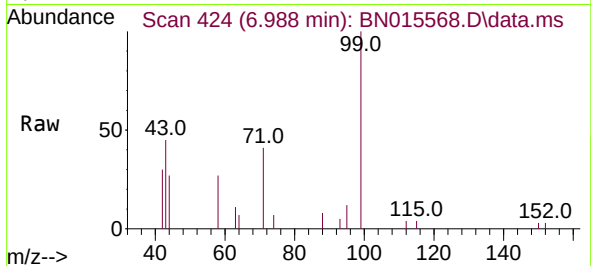




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.988 min Scan# 424
Delta R.T. 0.000 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

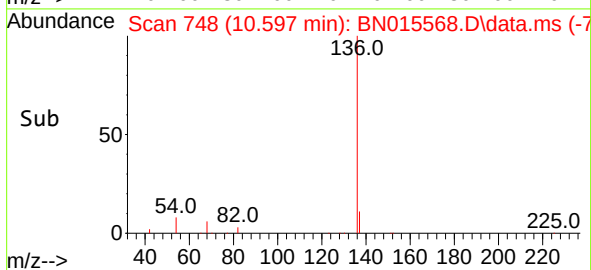
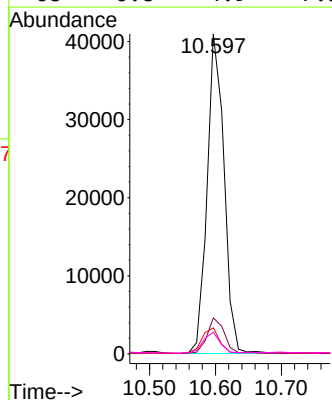
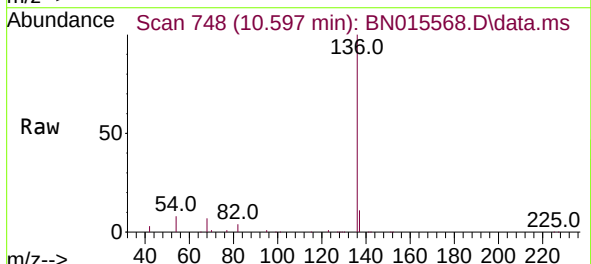
Instrument :
BNA_N
ClientSampled :

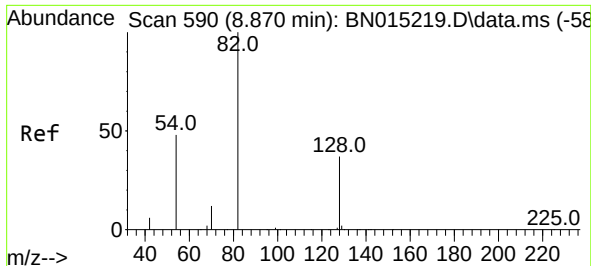
Tgt Ion: 99 Resp: 3731
Ion Ratio Lower Upper
99 100
42 21.1 8.9 13.3#
71 35.3 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.597 min Scan# 748
Delta R.T. 0.000 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

Tgt Ion: 136 Resp: 72961
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.8
54 8.2 5.4 8.2#
68 6.8 4.9 7.3

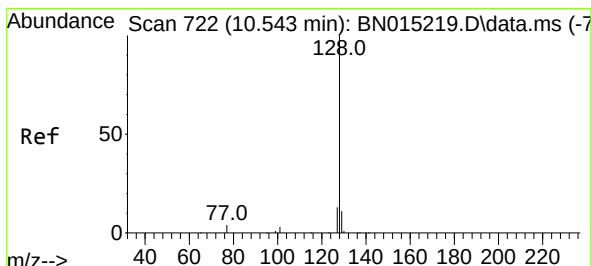
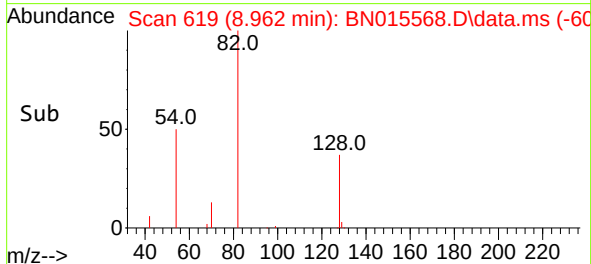
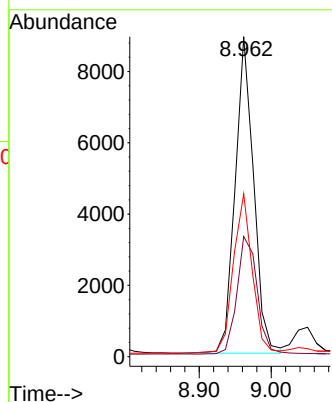
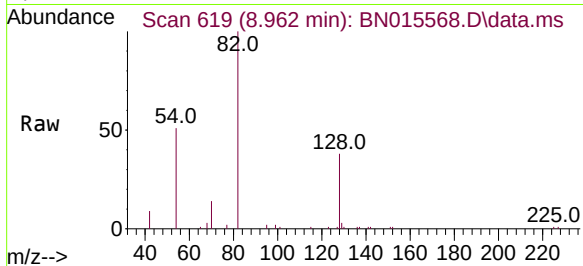




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.962 min Scan# 619
Delta R.T. 0.000 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

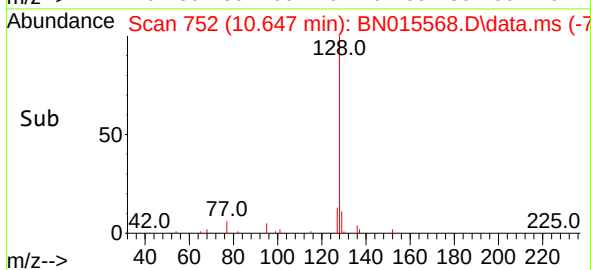
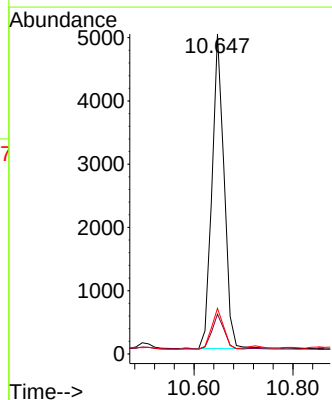
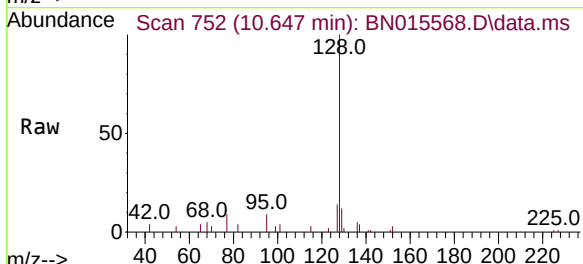
Instrument :
BNA_N
ClientSampleId :

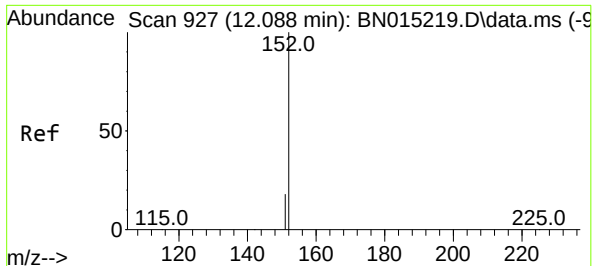
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	31.6	47.4
54	50.9	29.0	43.4



#9
Naphthalene
Concen: 0.04 ng
RT: 10.647 min Scan# 752
Delta R.T. 0.000 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.1	13.7
127	14.3	11.8	17.6

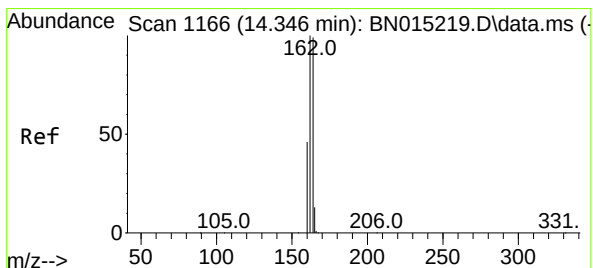
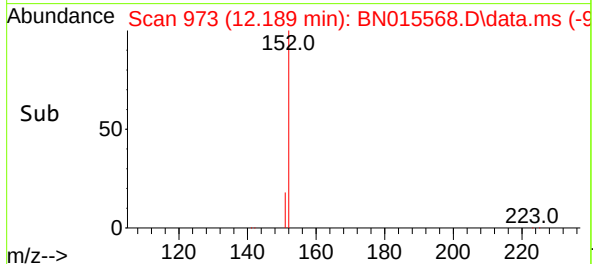
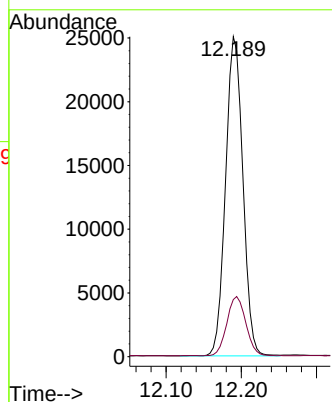
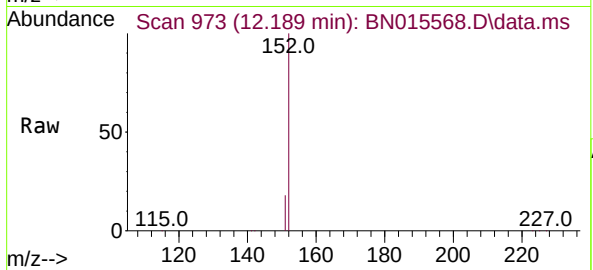




#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.189 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

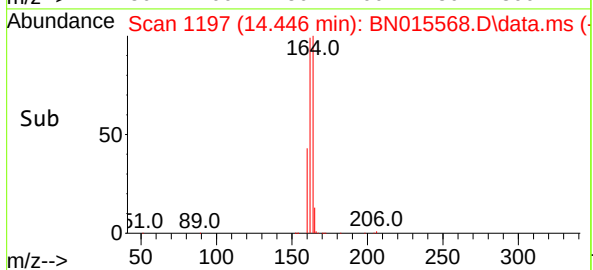
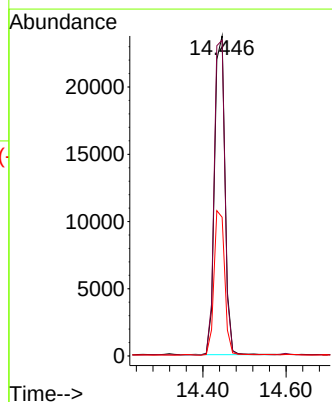
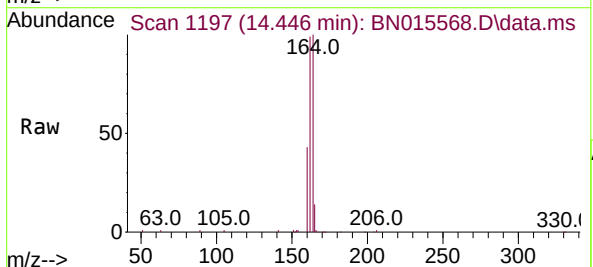
Instrument :
BNA_N
ClientSampled :

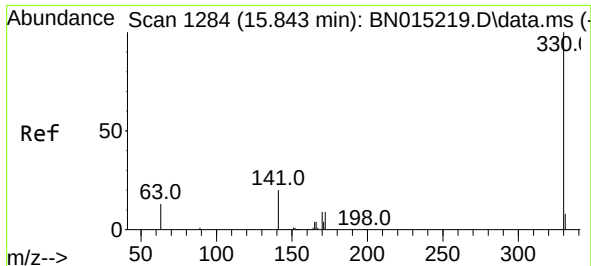
Tgt Ion:152 Resp: 40072
Ion Ratio Lower Upper
152 100
151 20.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.446 min Scan# 1197
Delta R.T. 0.013 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

Tgt Ion:164 Resp: 41396
Ion Ratio Lower Upper
164 100
162 98.7 83.8 125.6
160 43.3 37.4 56.0

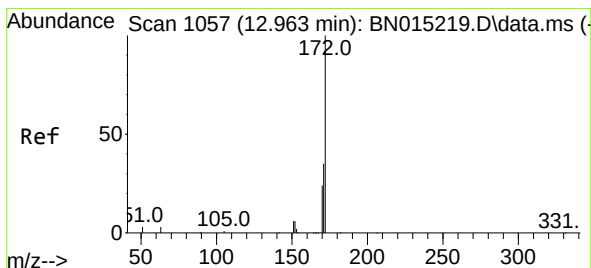
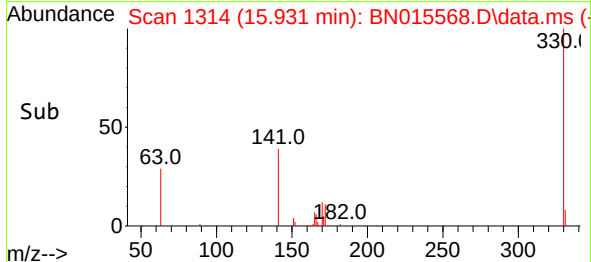
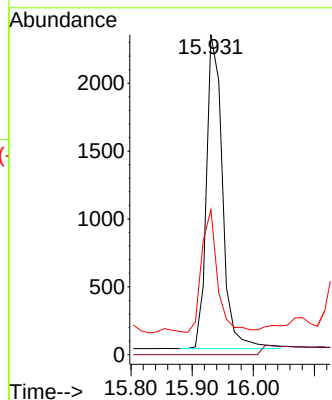
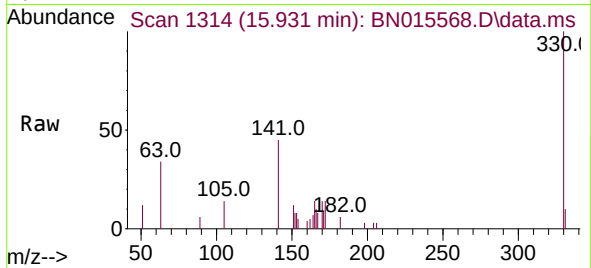




#14
2,4,6-Tribromophenol
Concen: 0.46 ng
RT: 15.931 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

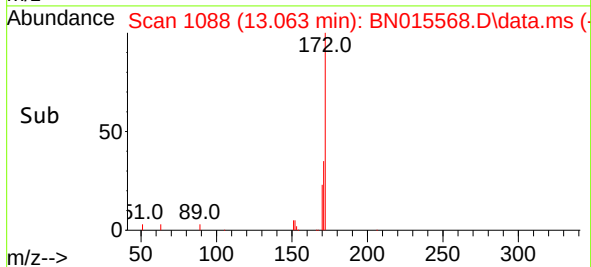
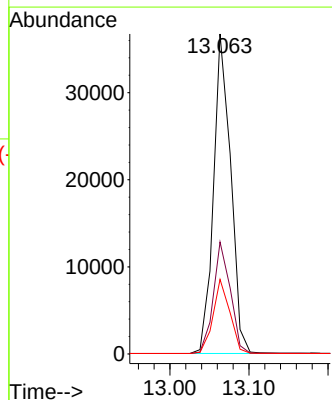
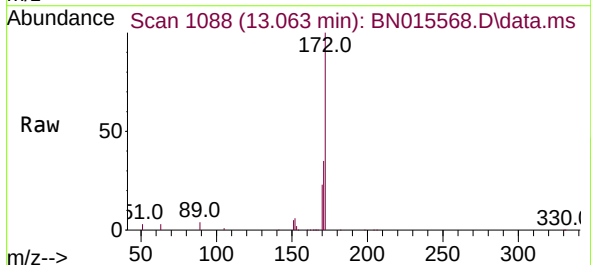
Instrument :
BNA_N
ClientSampled :

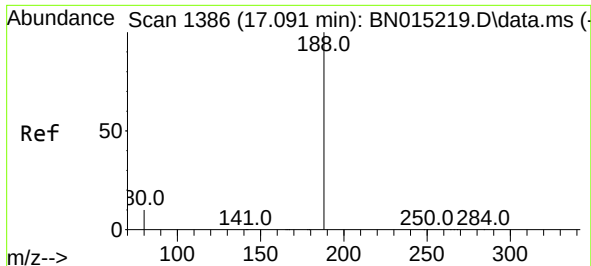
Tgt Ion:330 Resp: 4200
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.8 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 13.063 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

Tgt Ion:172 Resp: 55332
Ion Ratio Lower Upper
172 100
171 35.0 30.6 45.8
170 23.3 20.2 30.4

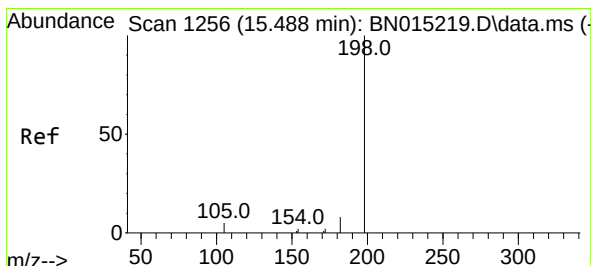
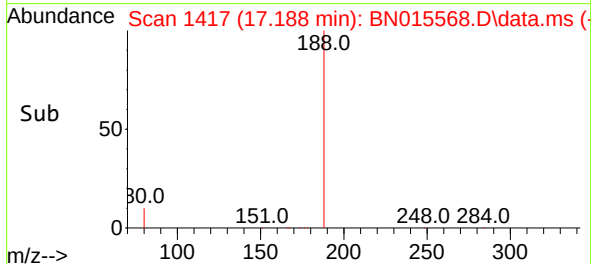
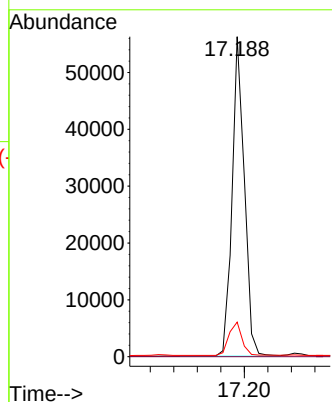
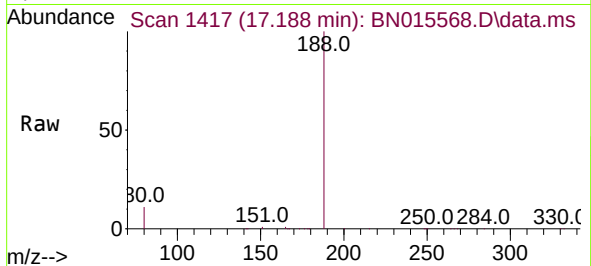




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

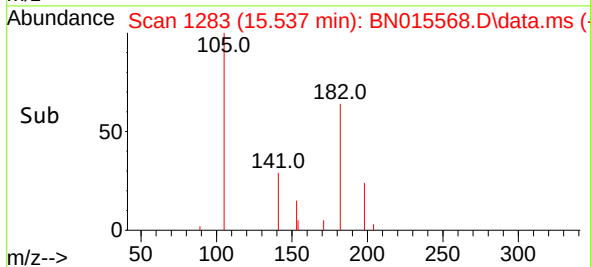
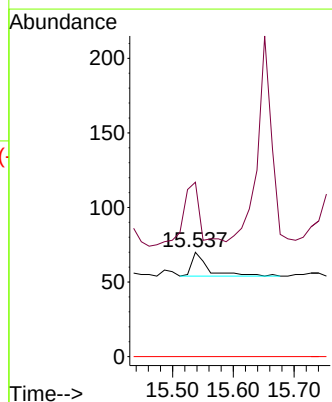
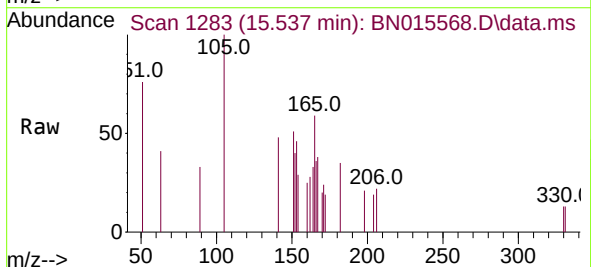
Instrument :
BNA_N
ClientSampled :

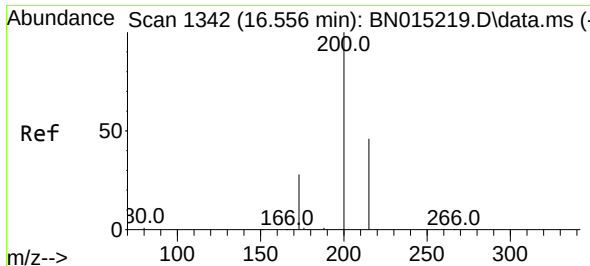
Tgt Ion:188 Resp: 81310
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 15.537 min Scan# 1283
Delta R.T. -0.038 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

Tgt Ion:198 Resp: 30
Ion Ratio Lower Upper
198 100
182 167.1 34.5 51.7#
77 0.0 0.0 0.0

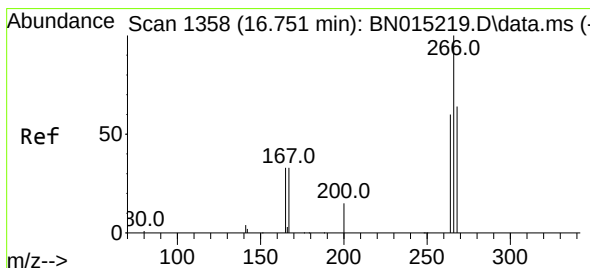
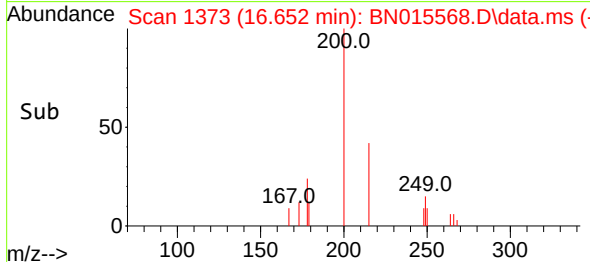
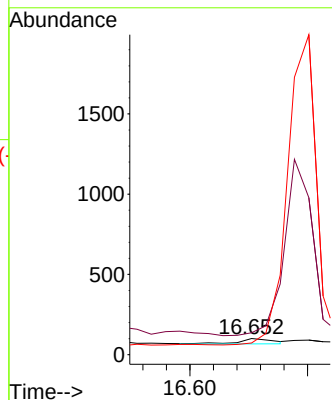
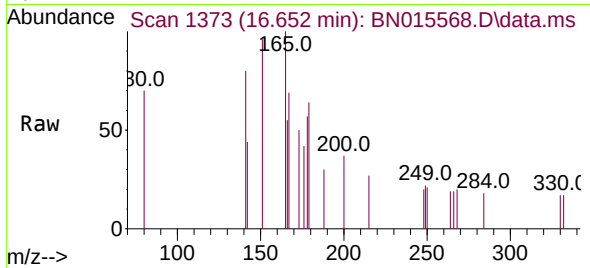




#23
Atrazine
Concen: 0.17 ng
RT: 16.652 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

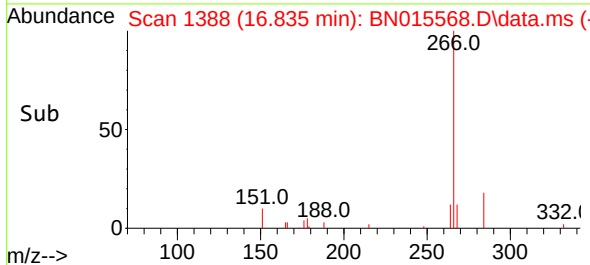
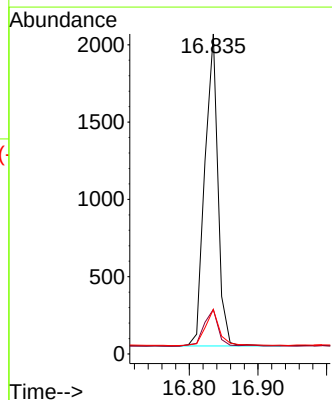
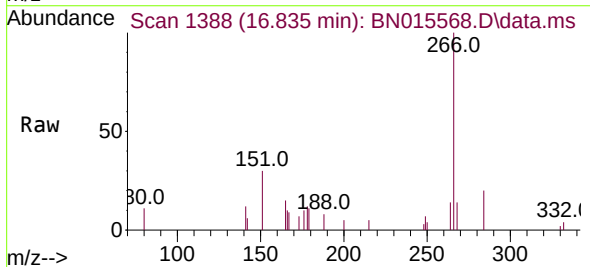
Instrument :
BNA_N
ClientSampled :

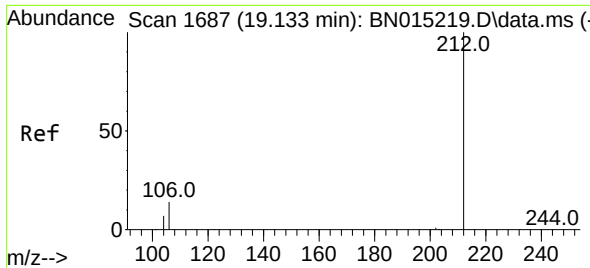
Tgt Ion:200 Resp: 70
Ion Ratio Lower Upper
200 100
173 134.7 21.7 32.5#
215 72.3 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.51 ng
RT: 16.835 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

Tgt Ion:266 Resp: 2676
Ion Ratio Lower Upper
266 100
264 13.6 51.0 76.4#
268 12.7 50.6 76.0#

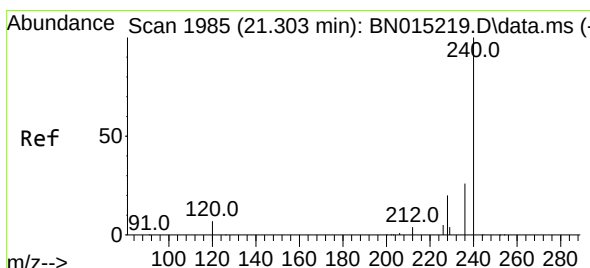
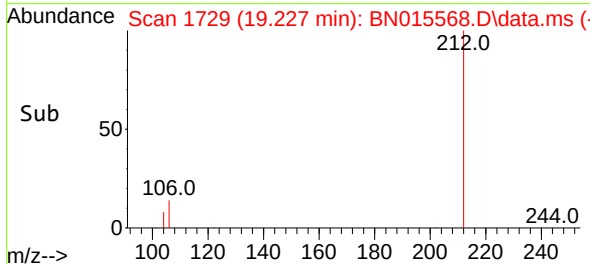
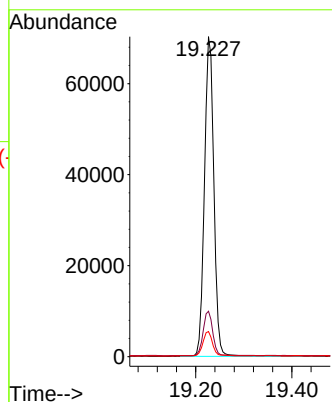
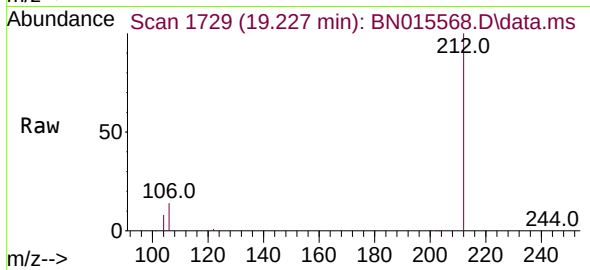




#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.227 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

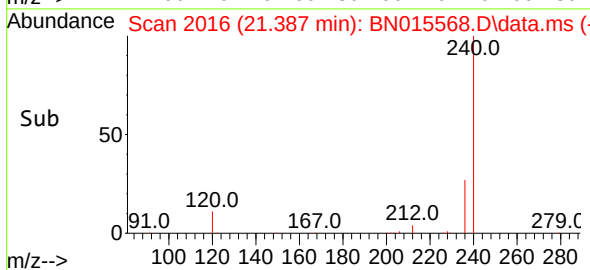
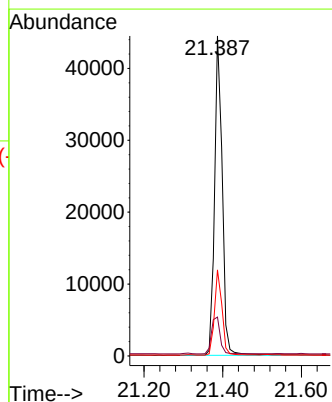
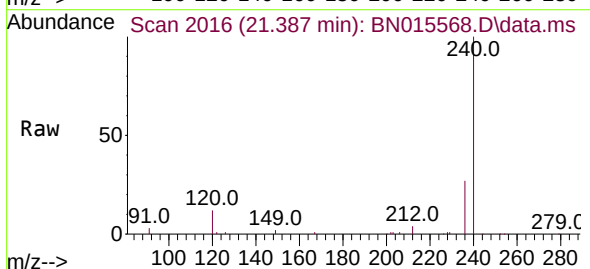
Instrument :
BNA_N
ClientSampleId :

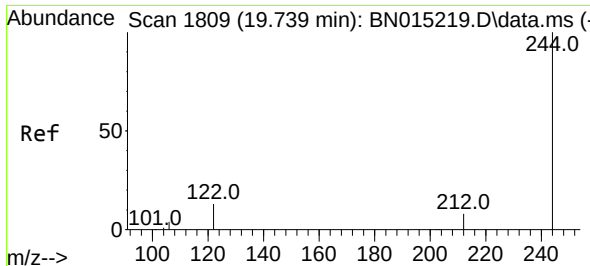
Tgt Ion:212 Resp: 94927
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 8.0 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.387 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

Tgt Ion:240 Resp: 60192
Ion Ratio Lower Upper
240 100
120 12.2 4.2 6.4#
236 26.9 21.4 32.2

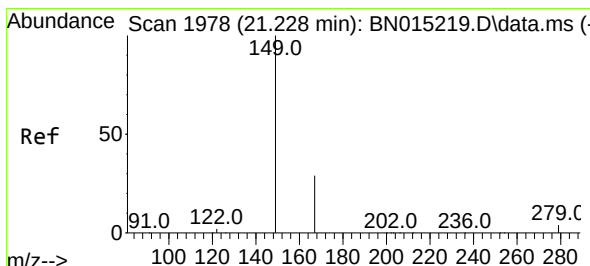
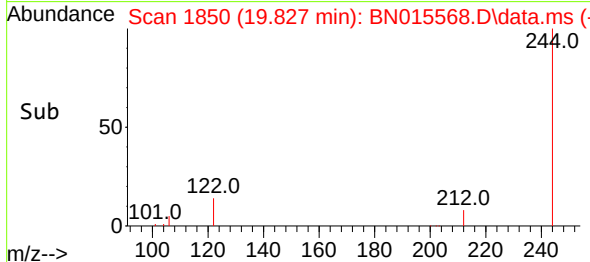
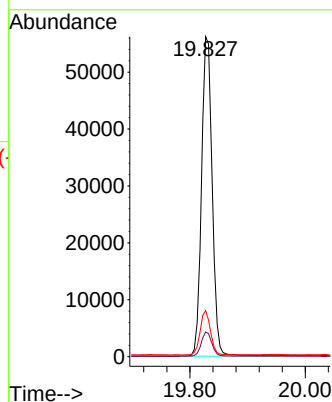
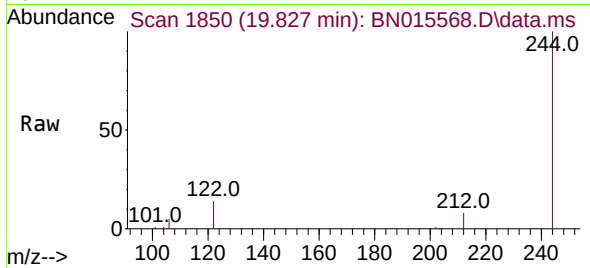




#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.827 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

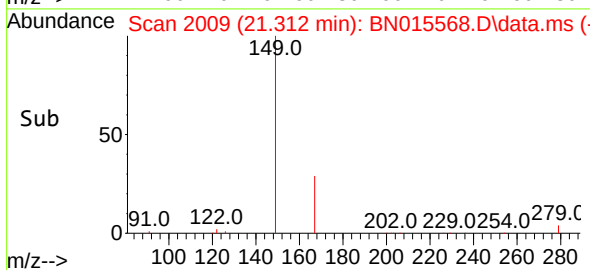
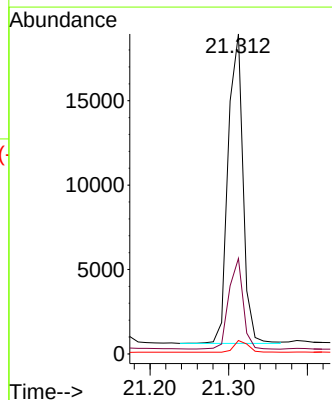
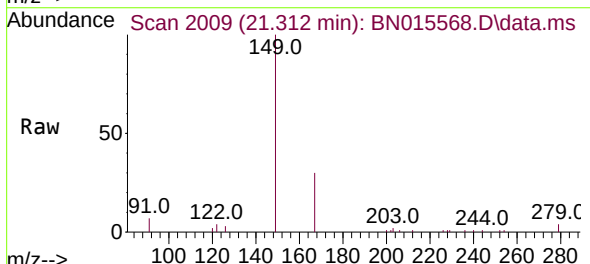
Instrument :
BNA_N
ClientSampleId :

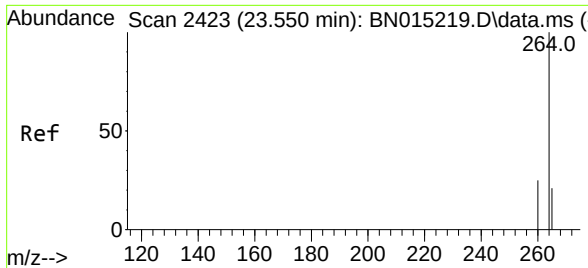
Tgt Ion:244 Resp: 72035
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 14.4 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.47 ng
RT: 21.312 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BN015568.D
Acq: 14 Jul 2021 17:50

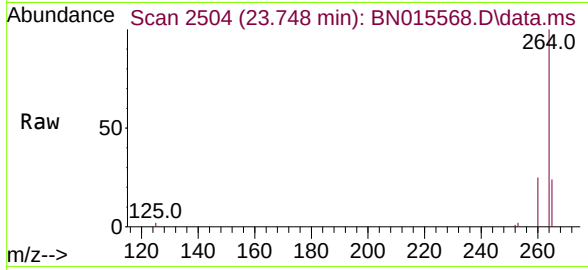
Tgt Ion:149 Resp: 24108
Ion Ratio Lower Upper
149 100
167 28.0 28.9 43.3#
279 3.7 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.748 min Scan# 2504
 Delta R.T. 0.000 min
 Lab File: BN015568.D
 Acq: 14 Jul 2021 17:50

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 35399

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	31.0
265	24.4	21.4	32.2

