

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071521\
 Data File : BN015587.D
 Acq On : 15 Jul 2021 20:16
 Operator : CG/JU
 Sample : M2799-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-2-GW

Quant Time: Jul 16 01:16:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 15 15:46:51 2021
 Response via : Initial Calibration

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

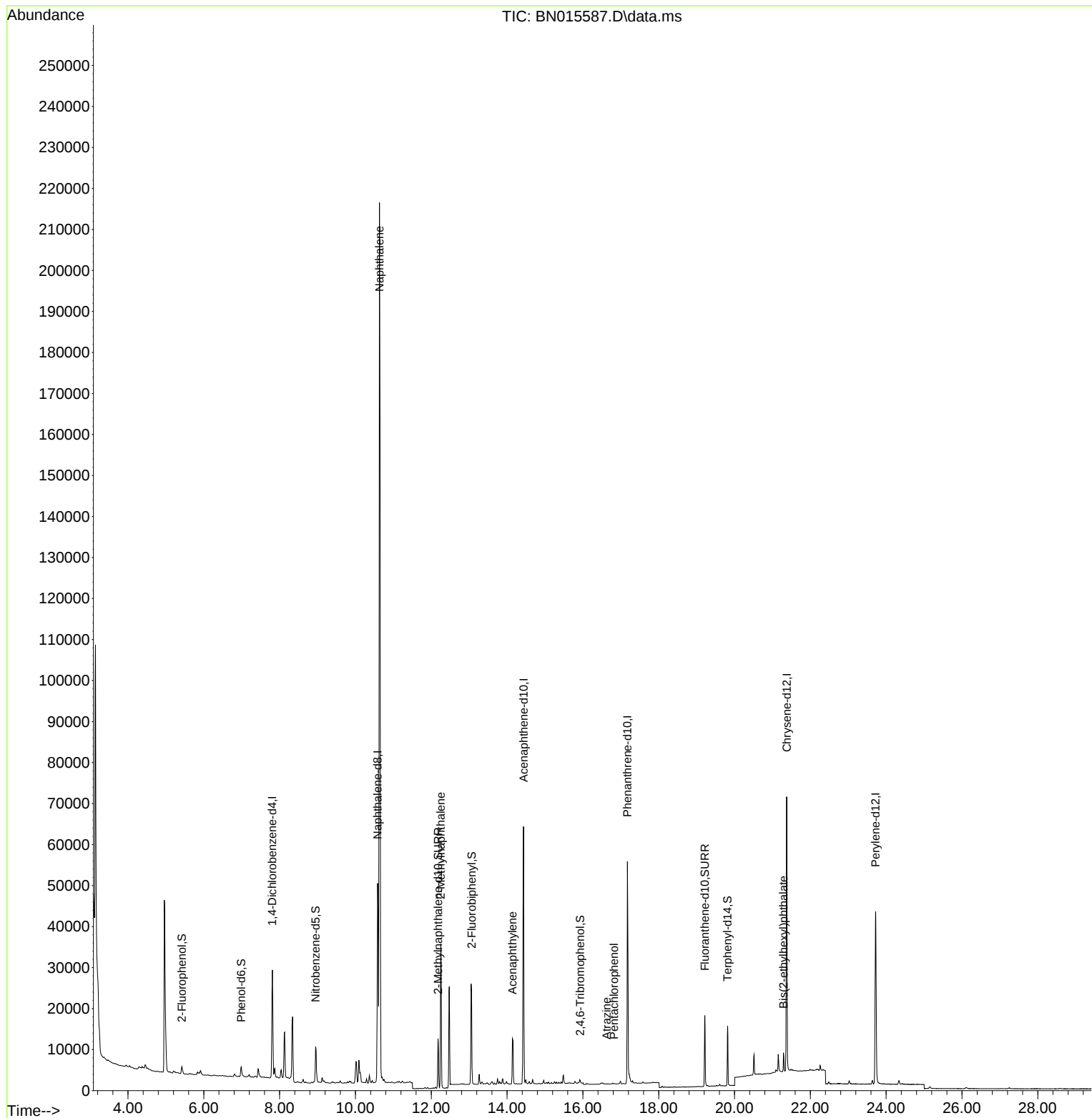
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	15448	0.40	ng	# 0.00
7) Naphthalene-d8	10.584	136	68658	0.40	ng	# 0.00
13) Acenaphthene-d10	14.434	164	36856	0.40	ng	0.00
19) Phenanthrene-d10	17.176	188	70367	0.40	ng	0.00
29) Chrysene-d12	21.376	240	62641	0.40	ng	# 0.00
35) Perylene-d12	23.721	264	59191	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	2092	0.05	ng	0.03
5) Phenol-d6	6.988	99	2478	0.05	ng	0.00
8) Nitrobenzene-d5	8.949	82	8615	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.181	152	16312	0.14	ng	0.00
14) 2,4,6-Tribromophenol	15.931	330	701	0.17	ng	0.01
15) 2-Fluorobiphenyl	13.063	172	24385	0.16	ng	0.01
27) Fluoranthene-d10	19.217	212	19879	0.09	ng	0.00
31) Terphenyl-d14	19.817	244	14413	0.10	ng	0.00
Target Compounds						
9) Naphthalene	10.635	128	288275	1.45	ng	Qvalue 97
12) 2-Methylnaphthalene	12.252	142	25431	0.20	ng	# 90
16) Acenaphthylene	14.142	152	14015	0.08	ng	98
20) 4,6-Dinitro-2-methylph...	15.601	198	4	Below Cal	#	1
23) Atrazine	16.628	200	25	0.10	ng	# 3
24) Pentachlorophenol	16.823	266	29	0.28	ng	95
34) Bis(2-ethylhexyl)phtha...	21.291	149	4472	0.05	ng	# 88

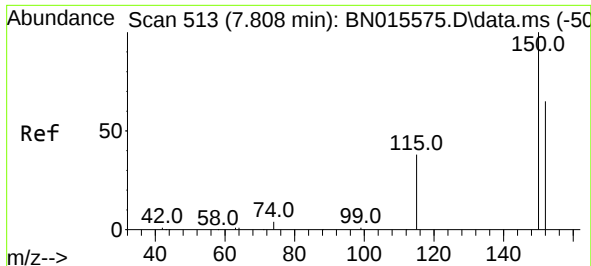
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071521\
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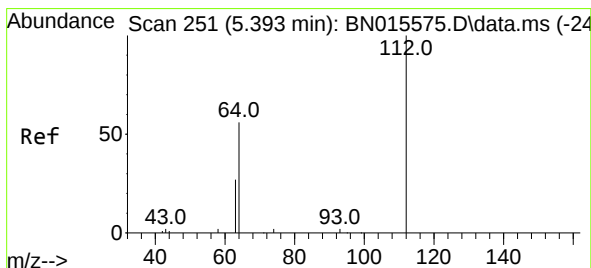
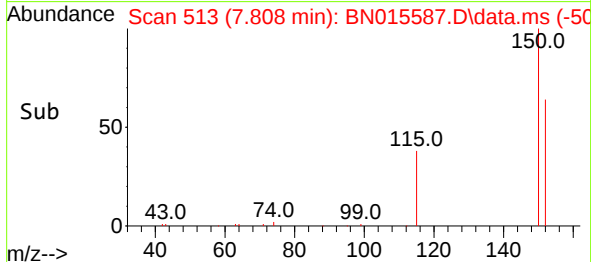
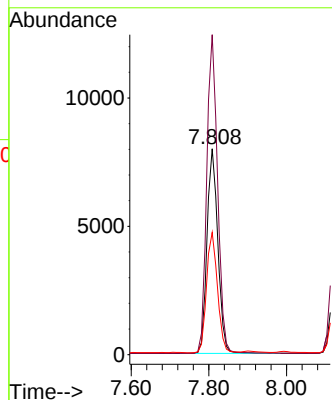
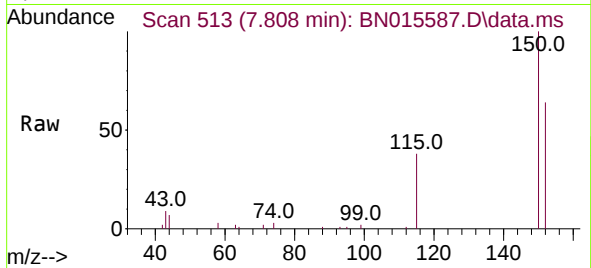




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.808 min Scan# 513
Delta R.T. 0.000 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

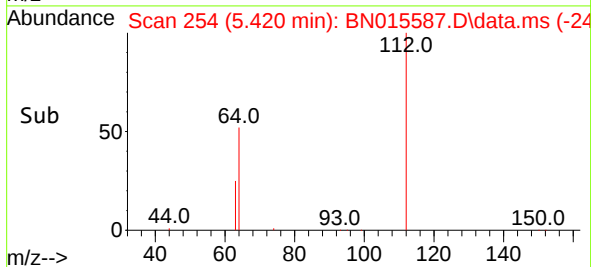
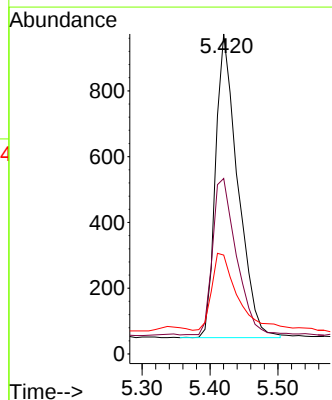
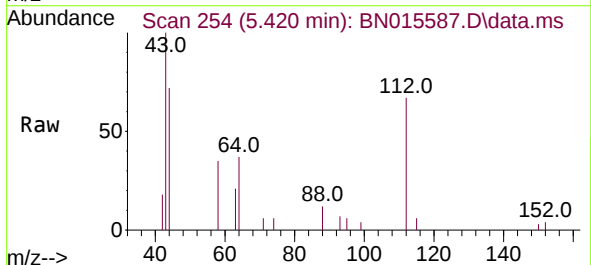
Instrument :
BNA_N
ClientSampleId :
SB-2-GW

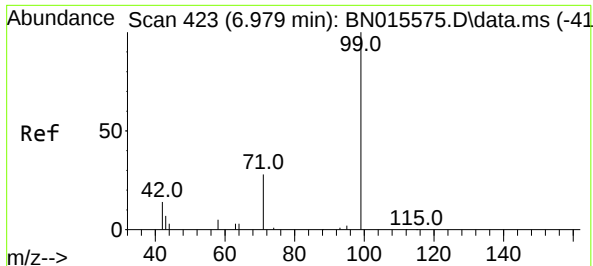
Tgt Ion:152 Resp: 15448
Ion Ratio Lower Upper
152 100
150 155.4 119.0 178.6
115 59.4 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.05 ng
RT: 5.420 min Scan# 254
Delta R.T. 0.028 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

Tgt Ion:112 Resp: 2092
Ion Ratio Lower Upper
112 100
64 54.8 39.0 58.6
63 29.2 20.6 30.8

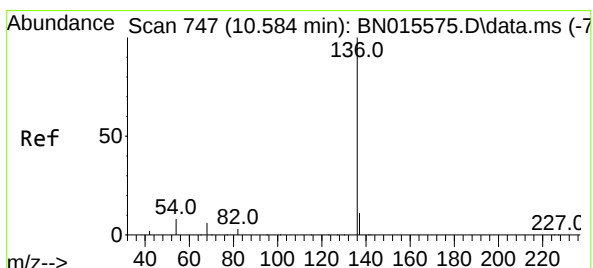
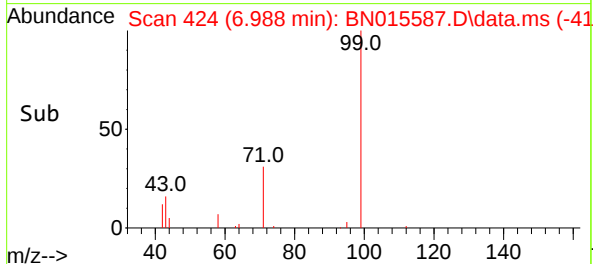
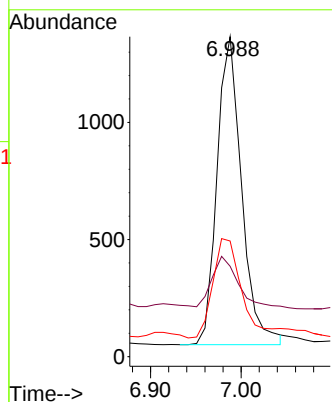
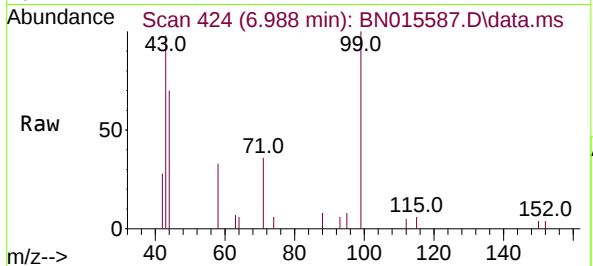




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.988 min Scan# 424
Delta R.T. 0.009 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

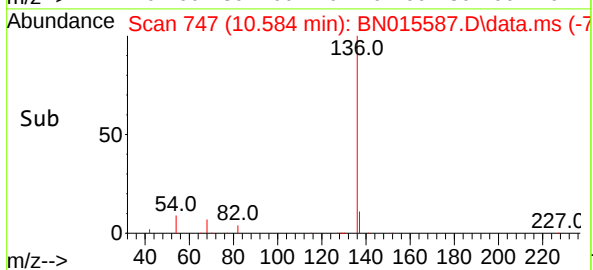
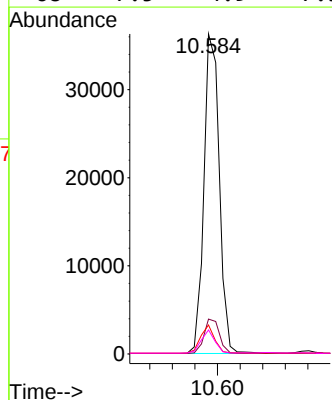
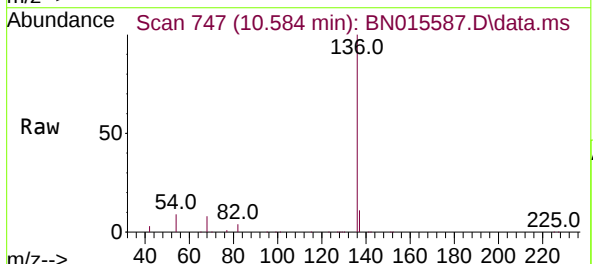
Instrument :
BNA_N
ClientSampled :
SB-2-GW

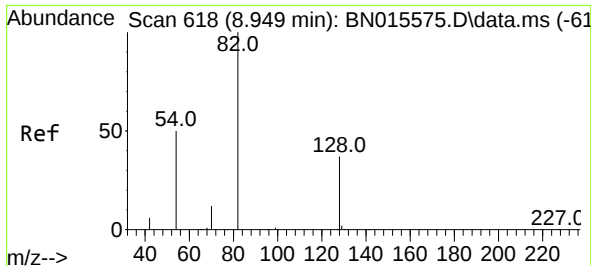
Tgt Ion: 99 Resp: 2478
Ion Ratio Lower Upper
99 100
42 15.9 8.9 13.3#
71 37.3 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.584 min Scan# 747
Delta R.T. -0.000 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

Tgt Ion: 136 Resp: 68658
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 9.1 5.4 8.2#
68 7.5 4.9 7.3#

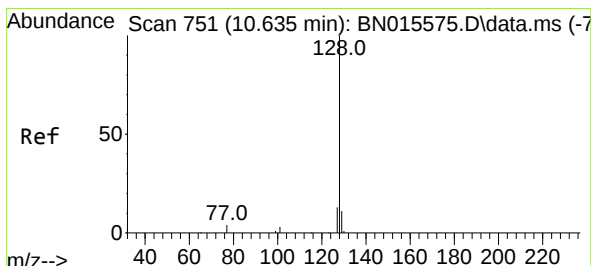
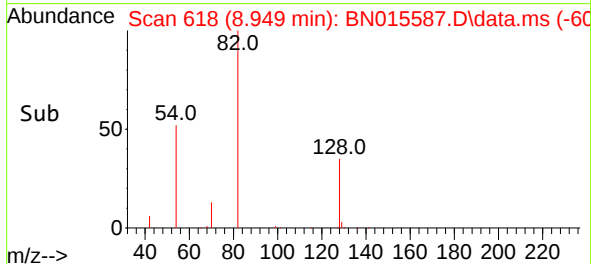
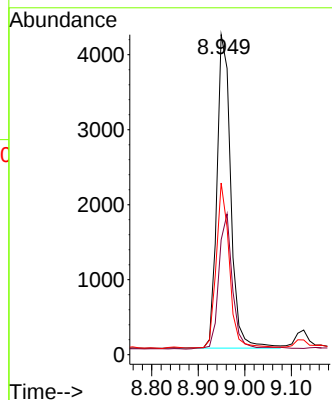
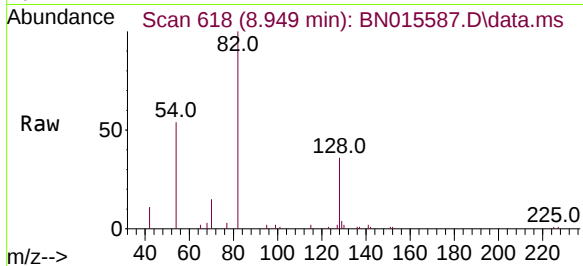




#8
Nitrobenzene-d5
Concen: 0.17 ng
RT: 8.949 min Scan# 618
Delta R.T. -0.000 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

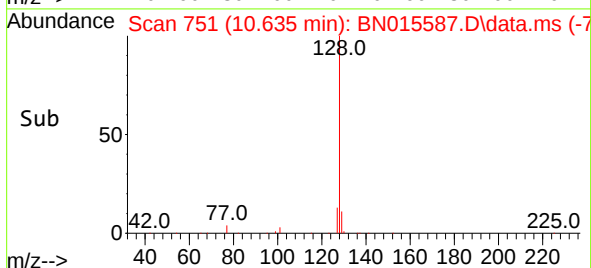
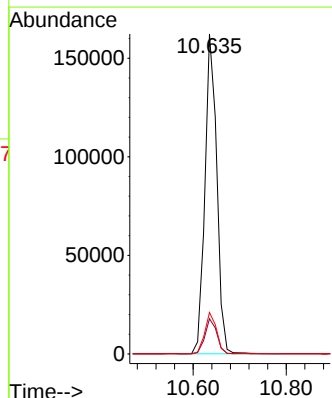
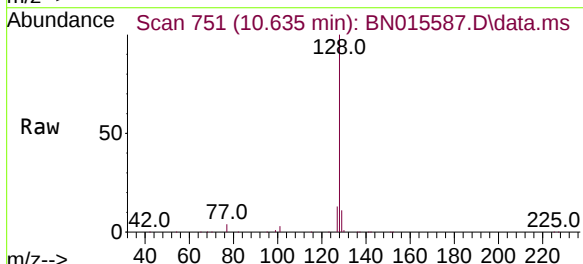
Instrument :
BNA_N
ClientSampleId :
SB-2-GW

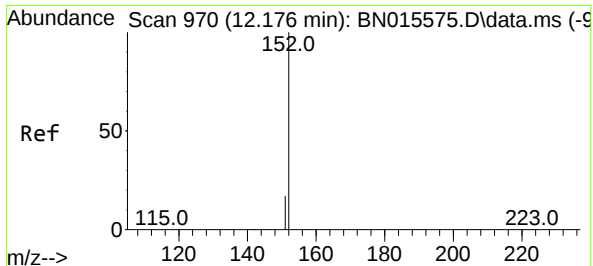
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.9	31.6	47.4
54	53.6	29.0	43.4



#9
Naphthalene
Concen: 1.45 ng
RT: 10.635 min Scan# 751
Delta R.T. -0.000 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.0	11.8	17.6

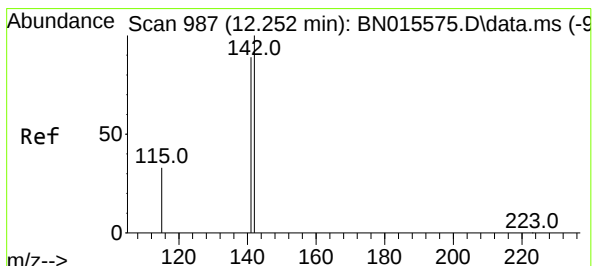
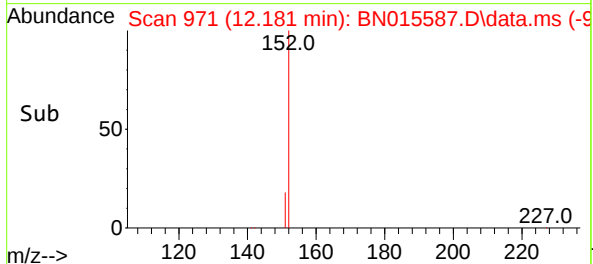
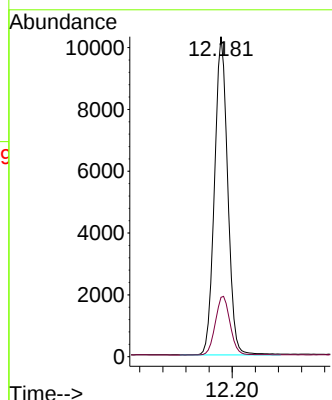
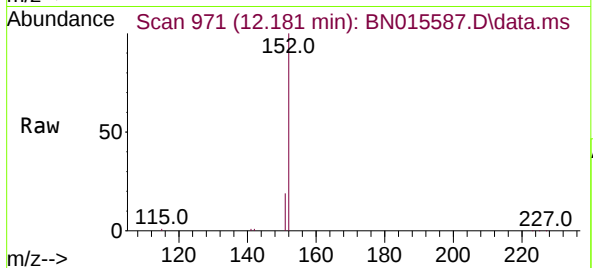




#11
2-Methylnaphthalene-d10
Concen: 0.14 ng
RT: 12.181 min Scan# 971
Delta R.T. 0.004 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

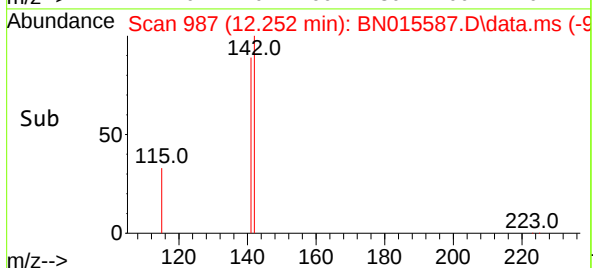
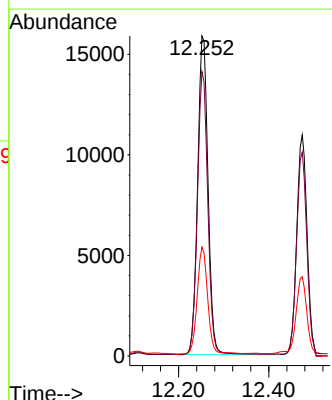
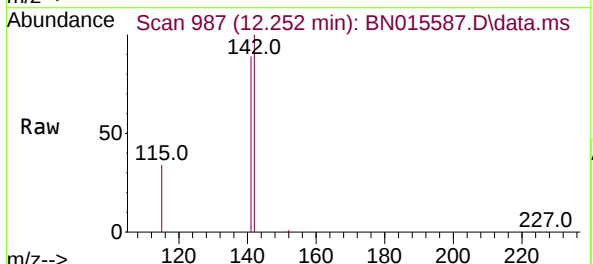
Instrument :
BNA_N
ClientSampleId :
SB-2-GW

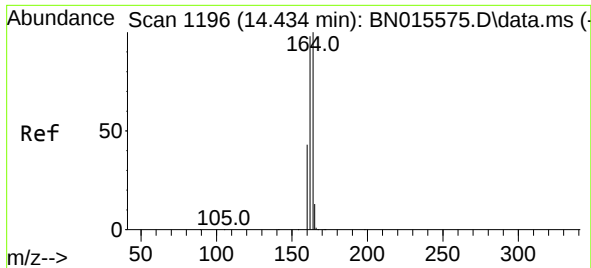
Tgt Ion:152 Resp: 16312
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.252 min Scan# 987
Delta R.T. -0.000 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

Tgt Ion:142 Resp: 25431
Ion Ratio Lower Upper
142 100
141 88.9 72.3 108.5
115 34.0 40.7 61.1#

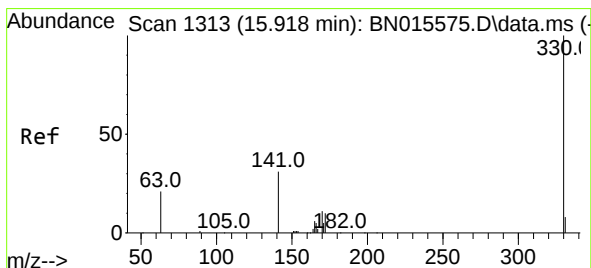
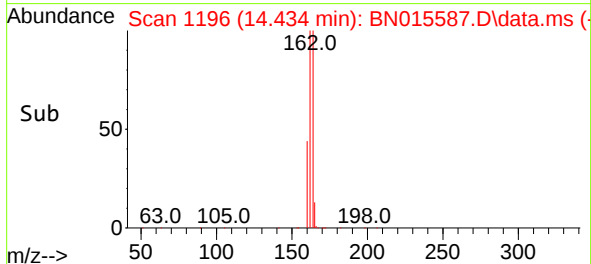
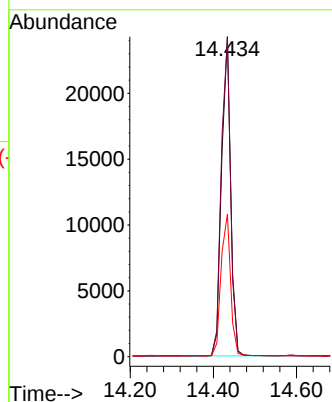
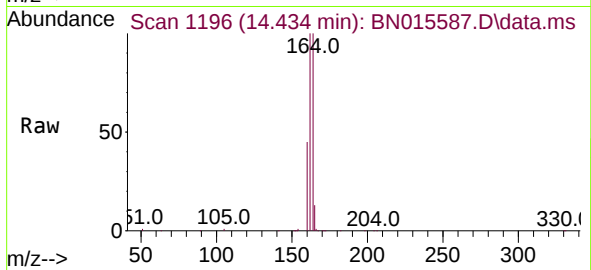




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.434 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

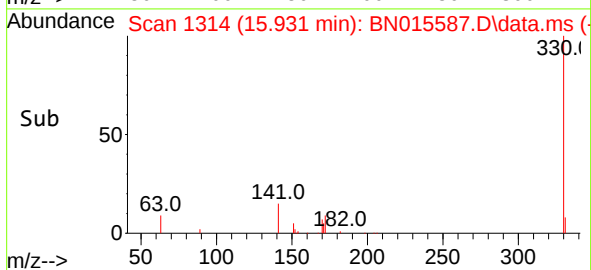
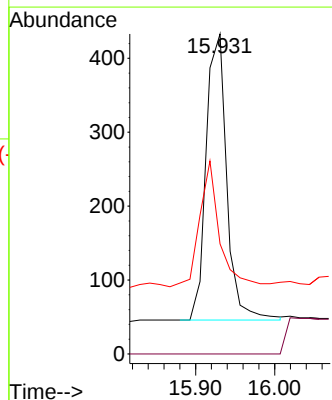
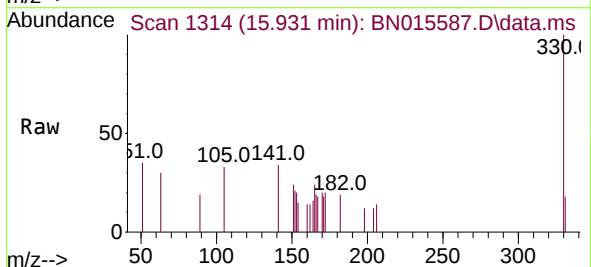
Instrument :
BNA_N
ClientSampleId :
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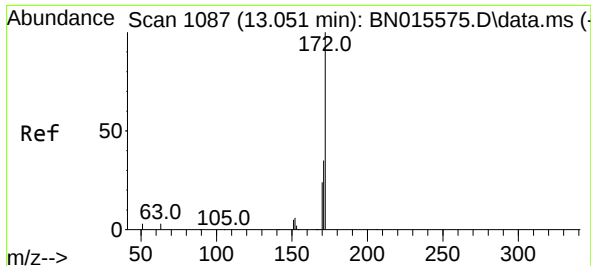
Tgt Ion:164 Resp: 36856
Ion Ratio Lower Upper
164 100
162 99.6 83.8 125.6
160 44.5 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.931 min Scan# 1314
Delta R.T. 0.013 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

Tgt Ion:330 Resp: 701
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.5 22.4 33.6#

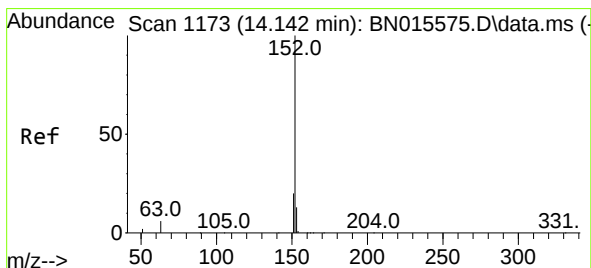
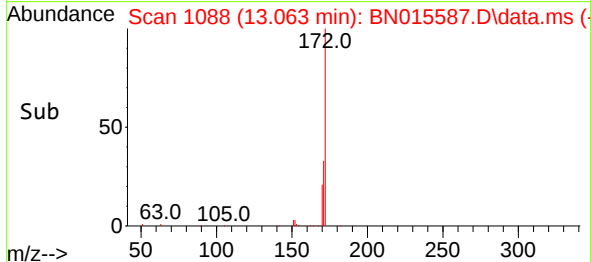
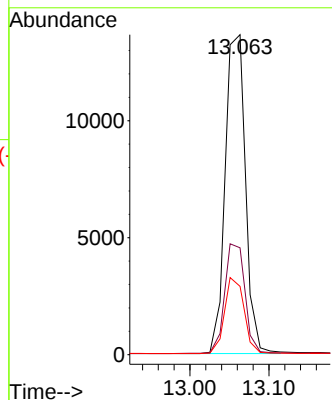
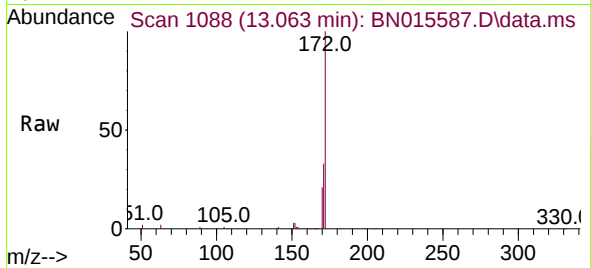




#15
2-Fluorobiphenyl
Concen: 0.16 ng
RT: 13.063 min Scan# 1088
Delta R.T. 0.013 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

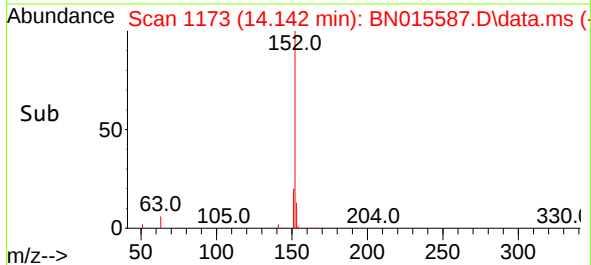
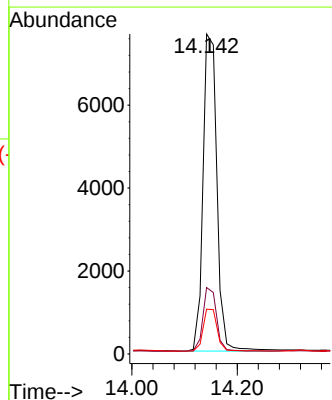
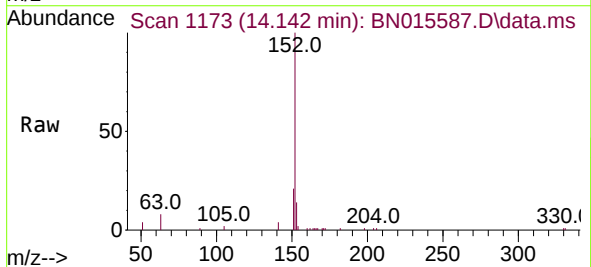
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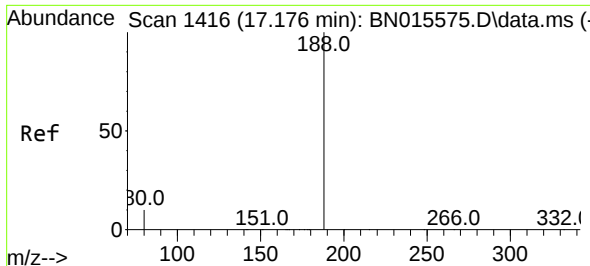
Tgt Ion:172 Resp: 24385
Ion Ratio Lower Upper
172 100
171 33.4 30.6 45.8
170 21.4 20.2 30.4



#16
Acenaphthylene
Concen: 0.08 ng
RT: 14.142 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

Tgt Ion:152 Resp: 14015
Ion Ratio Lower Upper
152 100
151 19.8 16.7 25.1
153 13.4 10.5 15.7

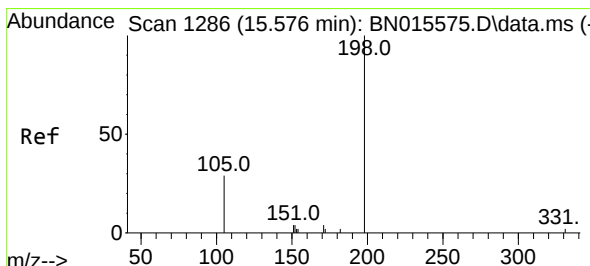
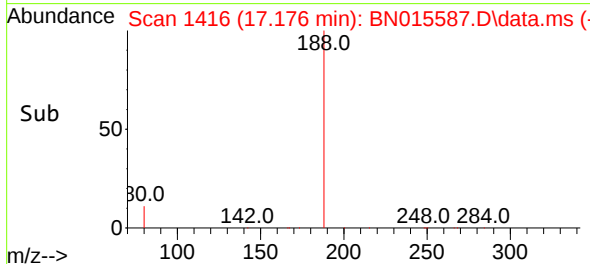
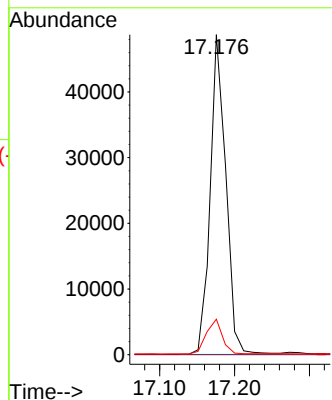
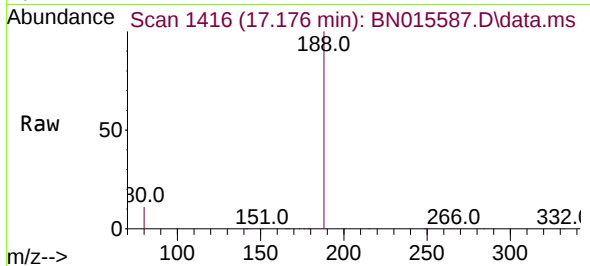




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.176 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

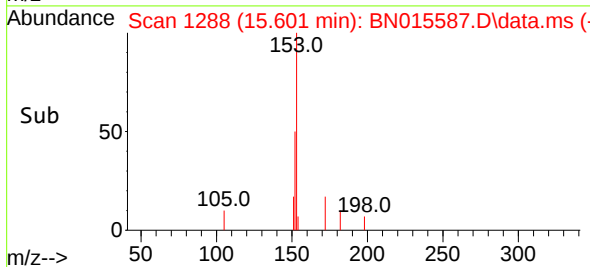
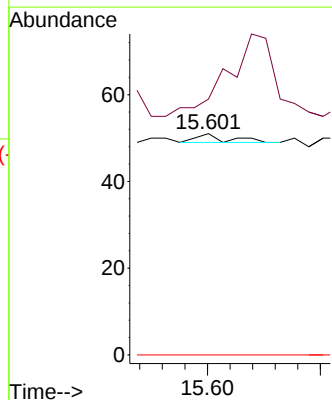
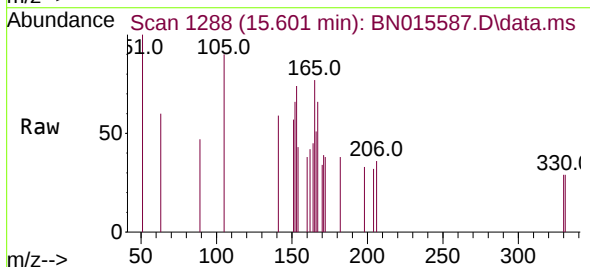
Instrument :
BNA_N
ClientSampleId :
SB-2-GW

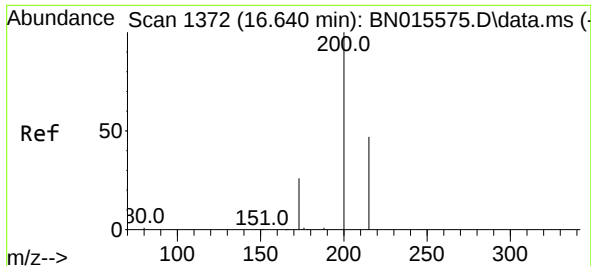
Tgt Ion:188 Resp: 70367
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.601 min Scan# 1288
Delta R.T. 0.025 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 115.7 34.5 51.7#
77 0.0 0.0 0.0

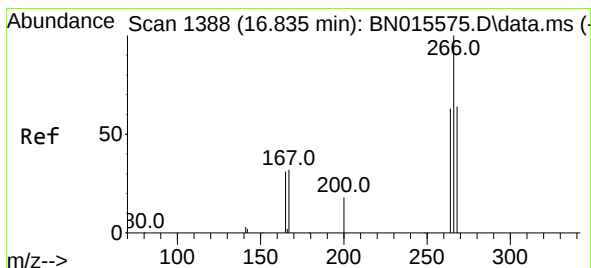
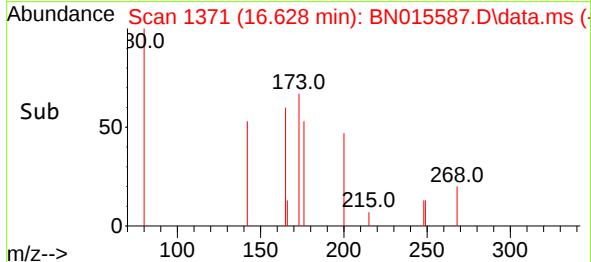
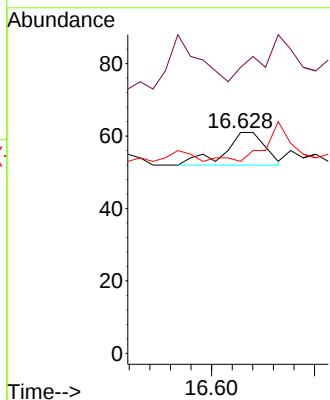
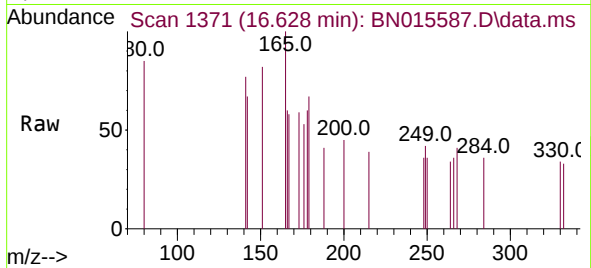




#23
Atrazine
Concen: 0.10 ng
RT: 16.628 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

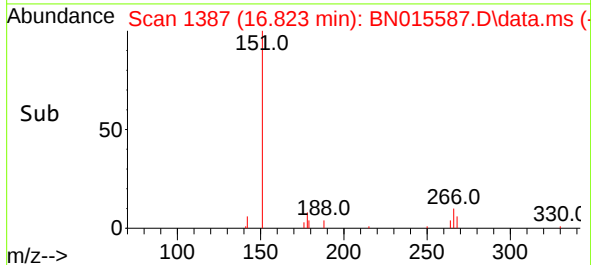
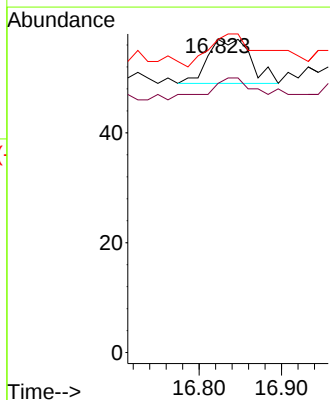
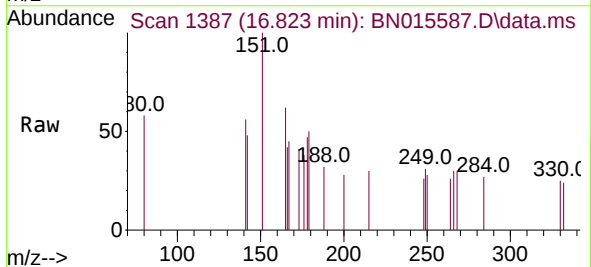
Instrument :
BNA_N
ClientSampleId :
SB-2-GW

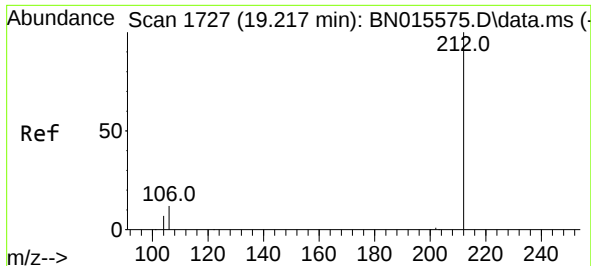
Tgt Ion:200 Resp: 25
Ion Ratio Lower Upper
200 100
173 129.5 21.7 32.5#
215 86.9 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.28 ng
RT: 16.823 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

Tgt Ion:266 Resp: 29
Ion Ratio Lower Upper
266 100
264 62.1 51.0 76.4
268 69.0 50.6 76.0

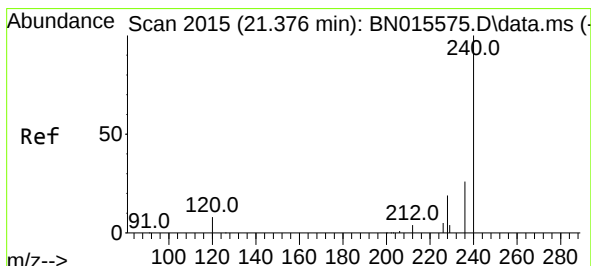
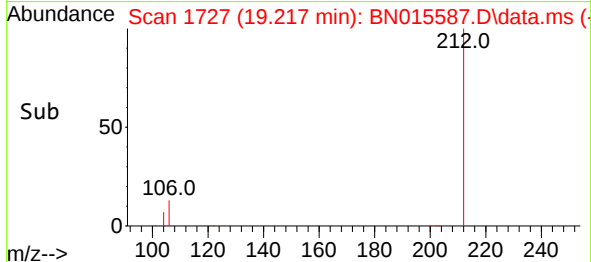
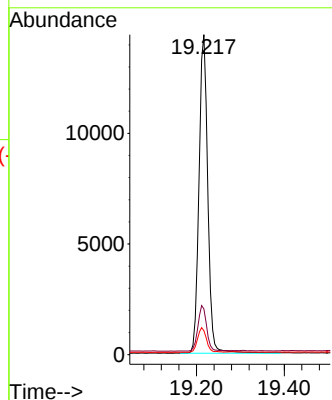
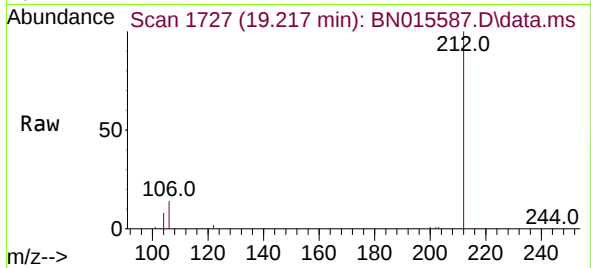




#27
Fluoranthene-d10
Concen: 0.09 ng
RT: 19.217 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

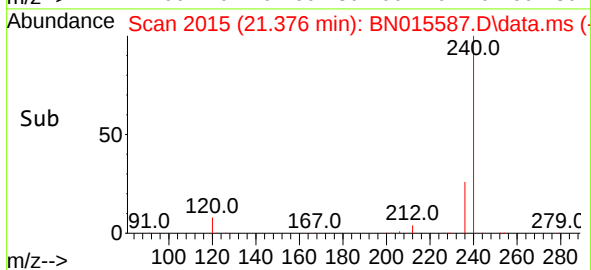
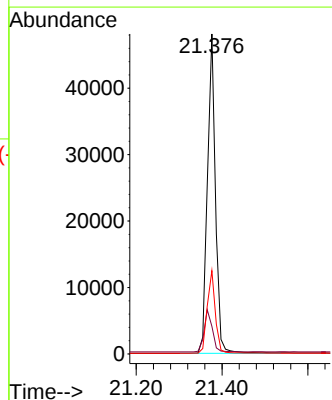
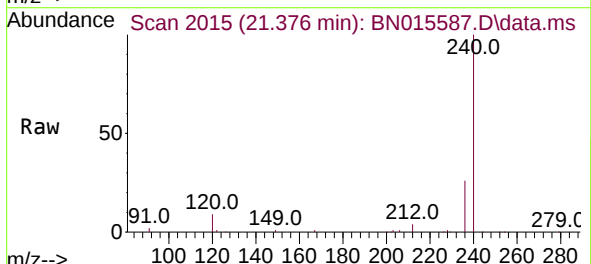
Instrument :
BNA_N
ClientSampleId :
SB-2-GW

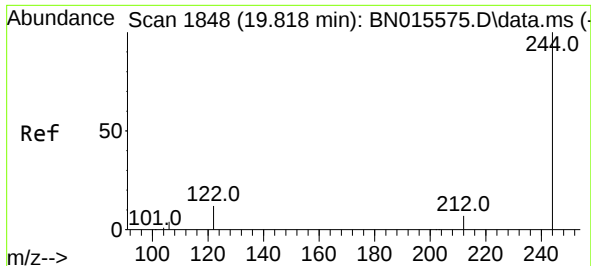
Tgt Ion:212 Resp: 19879
Ion Ratio Lower Upper
212 100
106 14.3 7.0 10.6#
104 7.9 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.376 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

Tgt Ion:240 Resp: 62641
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.4#
236 26.1 21.4 32.2

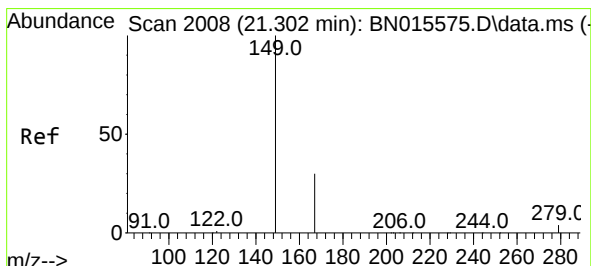
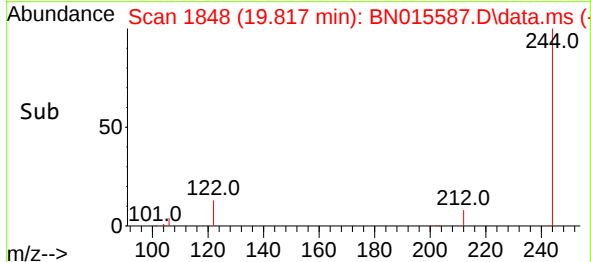
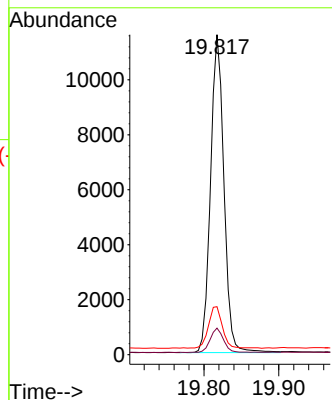
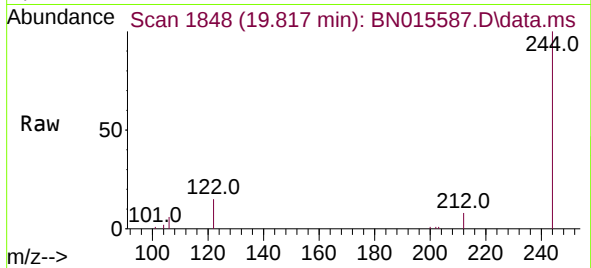




#31
Terphenyl-d14
Concen: 0.10 ng
RT: 19.817 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

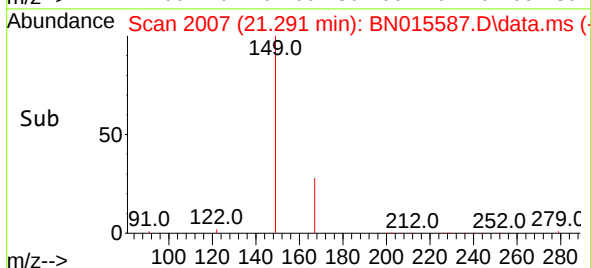
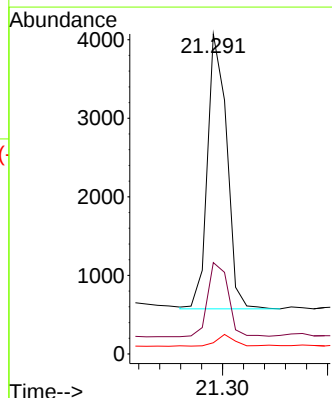
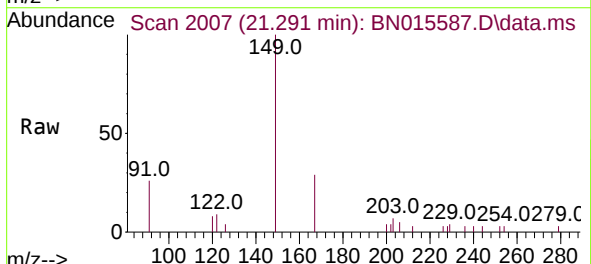
Instrument :
BNA_N
ClientSampleId :
SB-2-GW

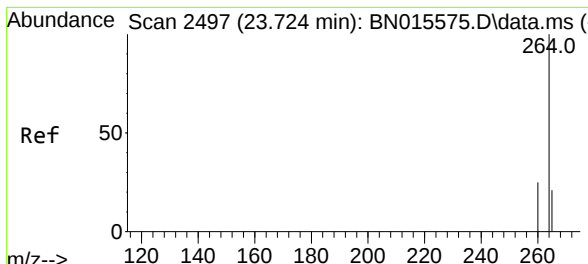
Tgt Ion:244 Resp: 14413
Ion Ratio Lower Upper
244 100
212 8.3 6.3 9.5
122 15.0 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.011 min
Lab File: BN015587.D
Acq: 15 Jul 2021 20:16

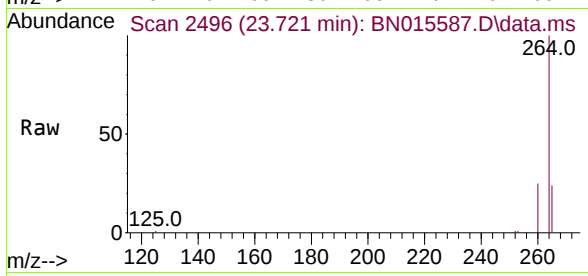
Tgt Ion:149 Resp: 4472
Ion Ratio Lower Upper
149 100
167 28.7 28.9 43.3#
279 4.1 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.721 min Scan# 2496
 Delta R.T. -0.004 min
 Lab File: BN015587.D
 Acq: 15 Jul 2021 20:16

Instrument :
 BNA_N
 ClientSampleId :
 SB-2-GW



Tgt Ion:264 Resp: 59191

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	31.0
265	23.7	21.4	32.2

