

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071521\
 Data File : BN015584.D
 Acq On : 15 Jul 2021 18:24
 Operator : CG/JU
 Sample : M2799-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-1-GW

Quant Time: Jul 15 18:54:31 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)

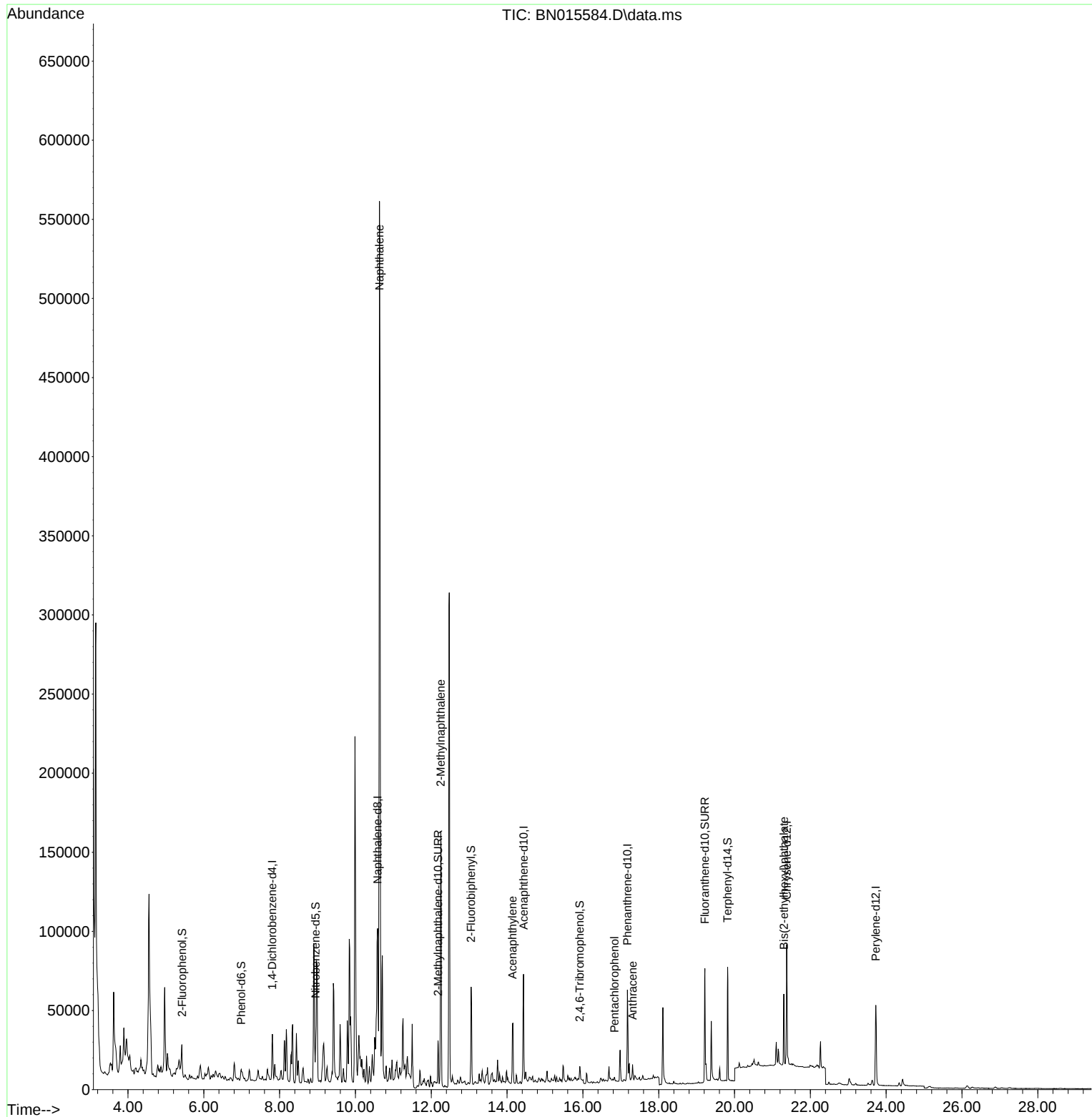
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	15474	0.400	ng	# 0.00
7) Naphthalene-d8	10.584	136	68254	0.400	ng	# 0.00
13) Acenaphthene-d10	14.434	164	39698	0.400	ng	0.00
19) Phenanthrene-d10	17.176	188	74278	0.400	ng	0.00
29) Chrysene-d12	21.376	240	68323	0.400	ng	# 0.00
35) Perylene-d12	23.727	264	69994	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.429	112	7341	0.165	ng	0.04
5) Phenol-d6	6.988	99	6097	0.116	ng	0.00
8) Nitrobenzene-d5	8.949	82	19932	0.406	ng	0.00
11) 2-Methylnaphthalene-d10	12.181	152	38745	0.345	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	6595	0.459	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	57323	0.358	ng	0.00
27) Fluoranthene-d10	19.217	212	77551	0.345	ng	0.00
31) Terphenyl-d14	19.817	244	69338	0.428	ng	0.00
Target Compounds						
9) Naphthalene	10.635	128	686834	3.466	ng	Qvalue 97
12) 2-Methylnaphthalene	12.252	142	113196	0.901	ng	# 91
16) Acenaphthylene	14.142	152	40793	0.221	ng	# 96
24) Pentachlorophenol	16.835	266	995	0.351	ng	95
26) Anthracene	17.310	178	9581	0.046	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.302	149	39996	0.391	ng	# 88

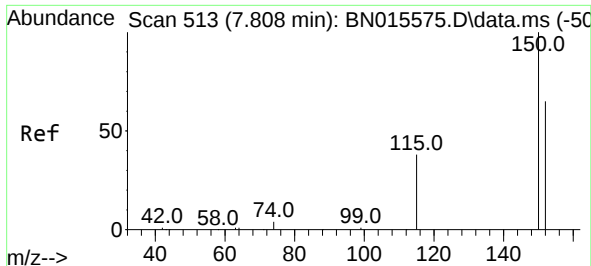
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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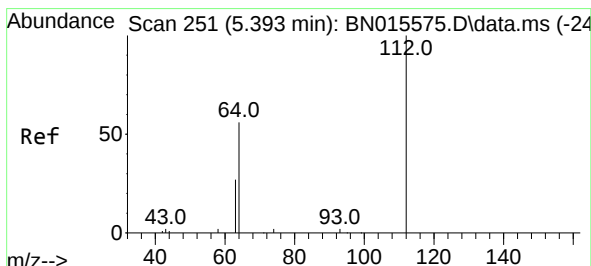
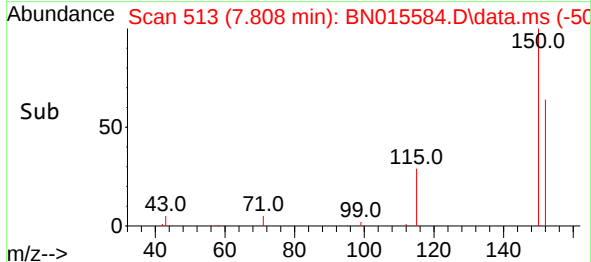
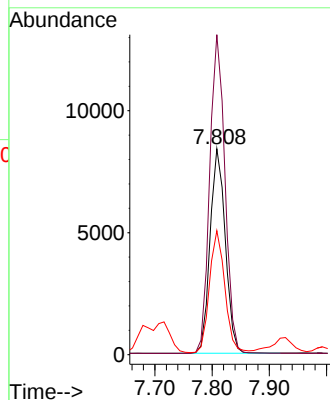
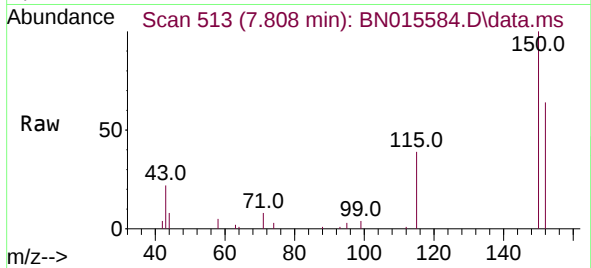




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.808 min Scan# 513
 Delta R.T. 0.000 min
 Lab File: BN015584.D
 Acq: 15 Jul 2021 18:24

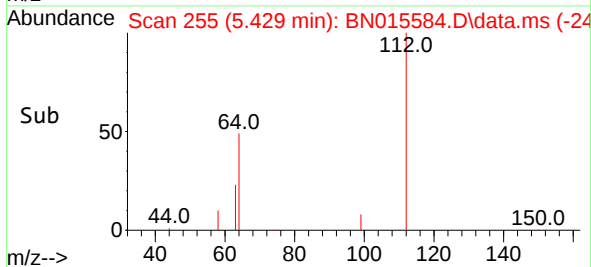
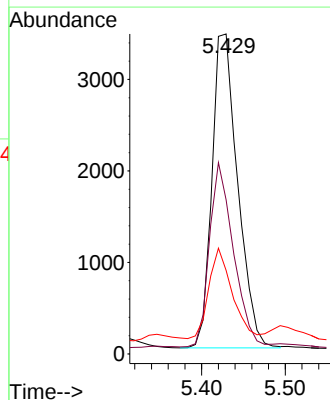
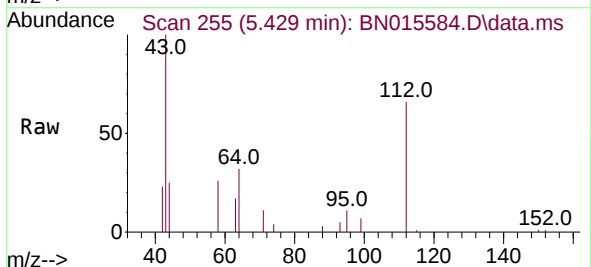
Instrument :
 BNA_N
 ClientSampleId :
 SB-1-GW

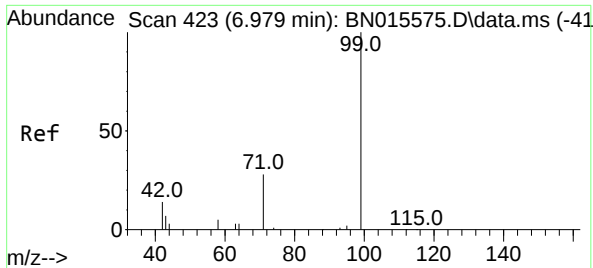
Tgt Ion:152 Resp: 15474
 Ion Ratio Lower Upper
 152 100
 150 155.4 119.0 178.6
 115 60.2 62.2 93.4#



#4
 2-Fluorophenol
 Concen: 0.165 ng
 RT: 5.429 min Scan# 255
 Delta R.T. 0.037 min
 Lab File: BN015584.D
 Acq: 15 Jul 2021 18:24

Tgt Ion:112 Resp: 7341
 Ion Ratio Lower Upper
 112 100
 64 54.7 39.0 58.6
 63 26.0 20.6 30.8

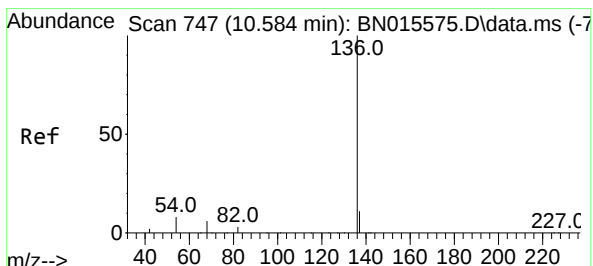
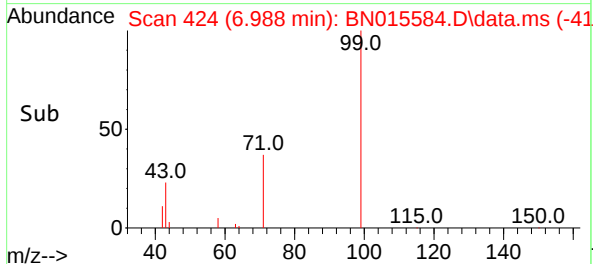
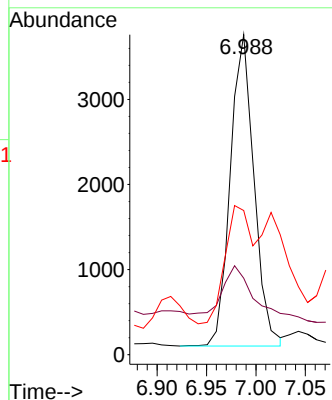
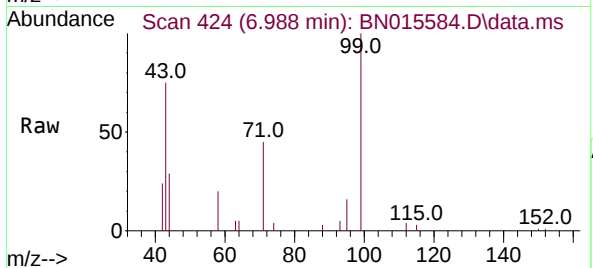




#5
Phenol-d6
Concen: 0.116 ng
RT: 6.988 min Scan# 424
Delta R.T. 0.009 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

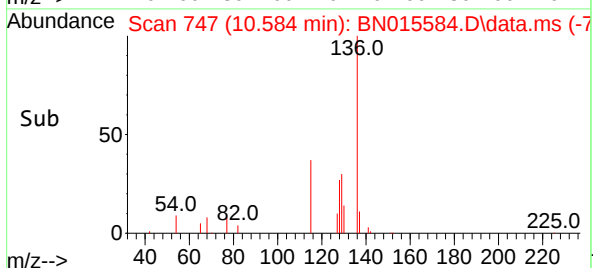
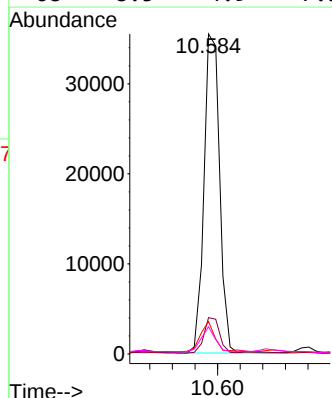
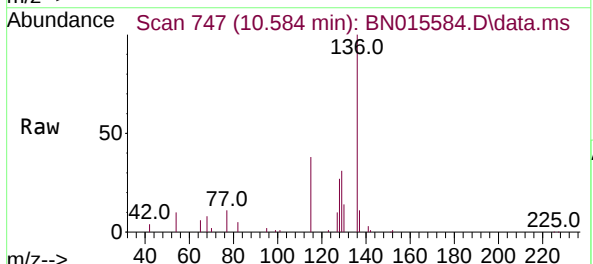
Instrument :
BNA_N
ClientSampled :
SB-1-GW

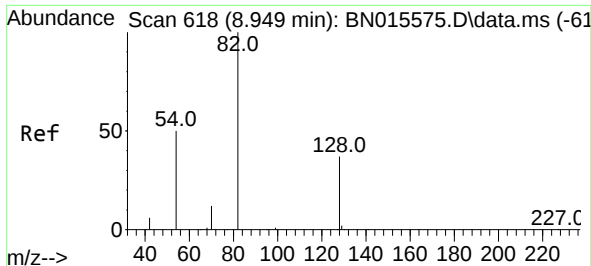
Tgt Ion: 99 Resp: 6097
Ion Ratio Lower Upper
99 100
42 20.0 8.9 13.3#
71 42.5 35.6 53.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 747
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion: 136 Resp: 68254
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.8
54 10.2 5.4 8.2#
68 8.5 4.9 7.3#

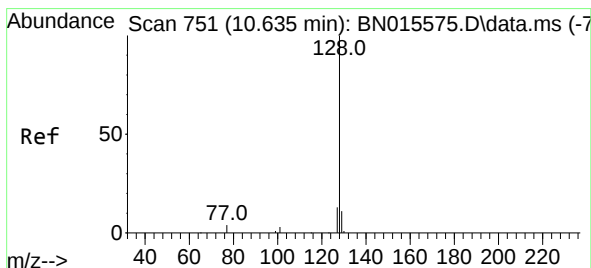
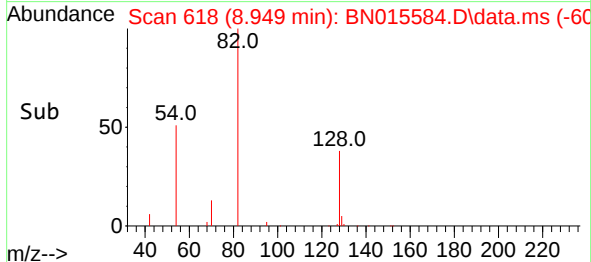
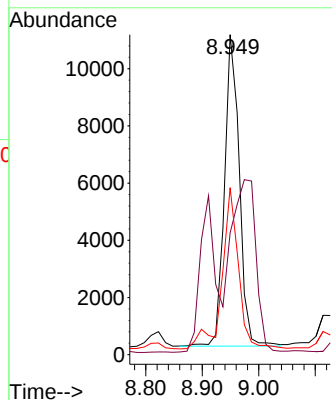
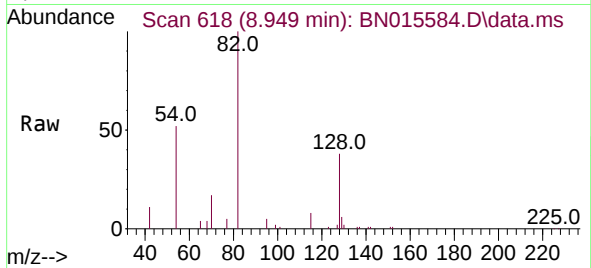




#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.949 min Scan# 618
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

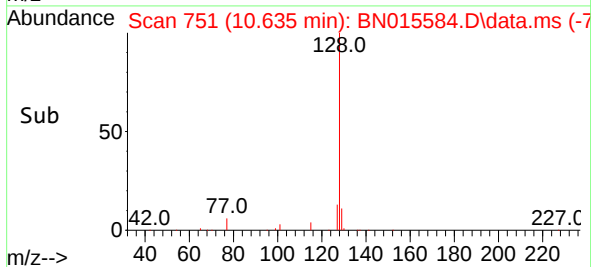
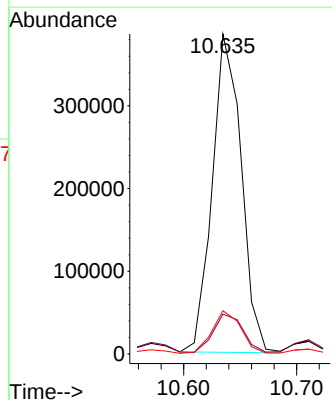
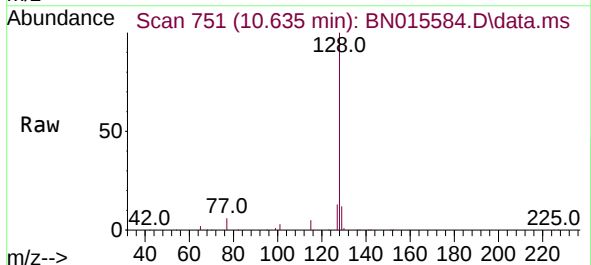
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

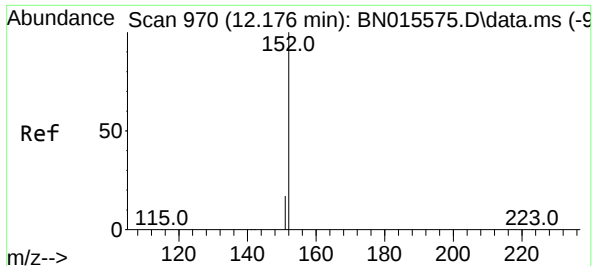
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.6	47.4
54	52.2	29.0	43.4



#9
Naphthalene
Concen: 3.466 ng
RT: 10.635 min Scan# 751
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.1	13.7
127	13.5	11.8	17.6

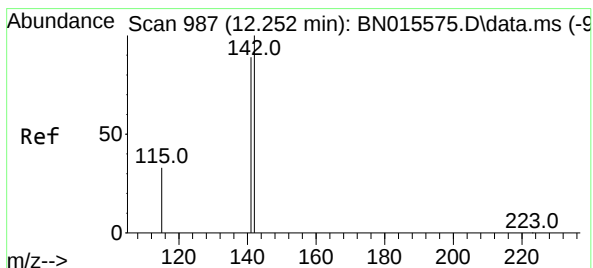
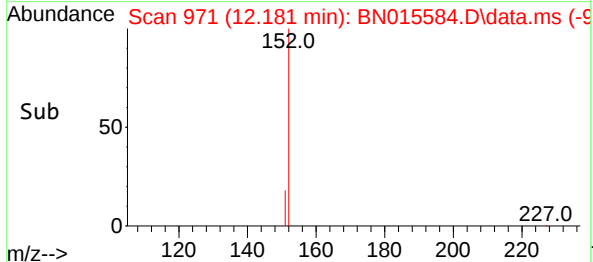
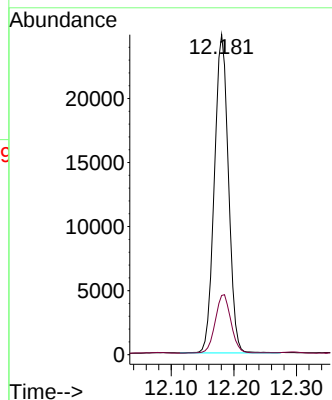
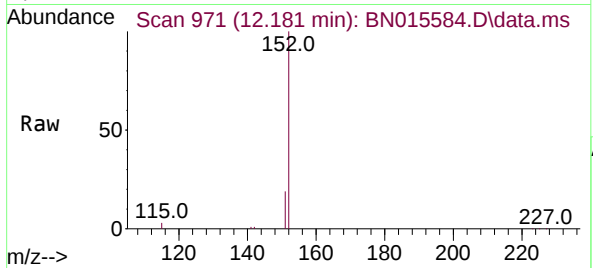




#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.181 min Scan# 971
Delta R.T. 0.004 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

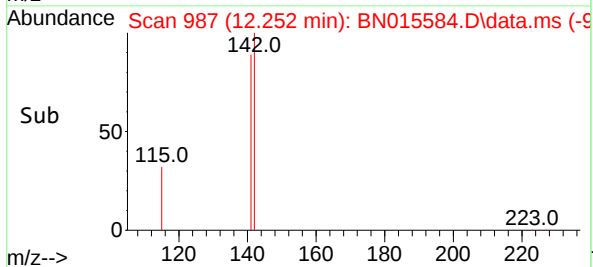
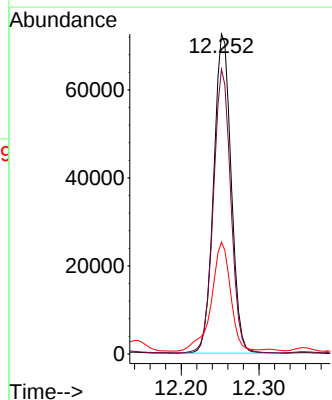
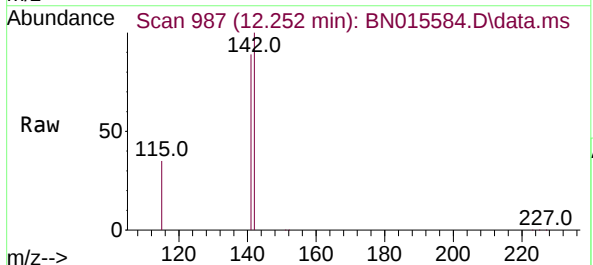
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

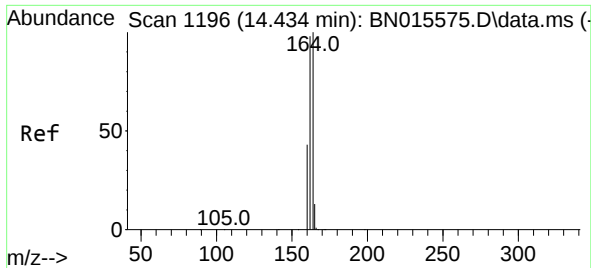
Tgt Ion:152 Resp: 38745
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.901 ng
RT: 12.252 min Scan# 987
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion:142 Resp: 113196
Ion Ratio Lower Upper
142 100
141 89.0 72.3 108.5
115 34.9 40.7 61.1#

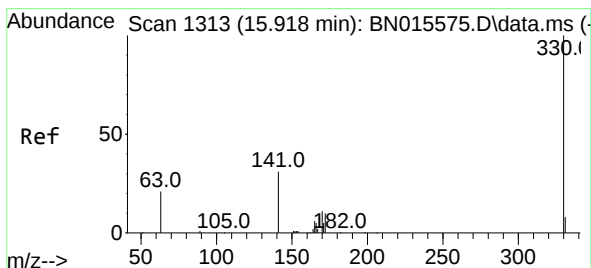
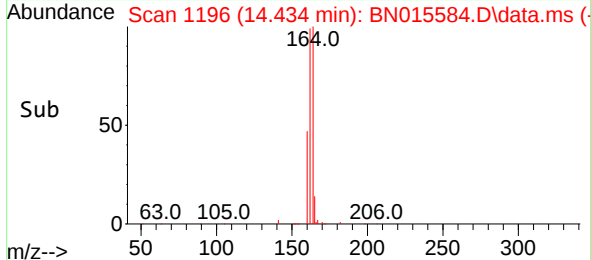
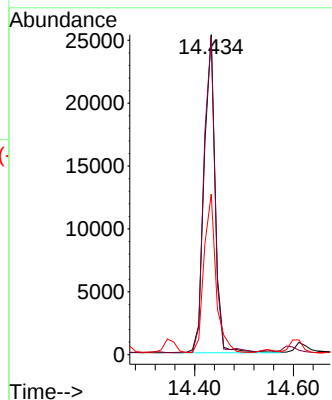
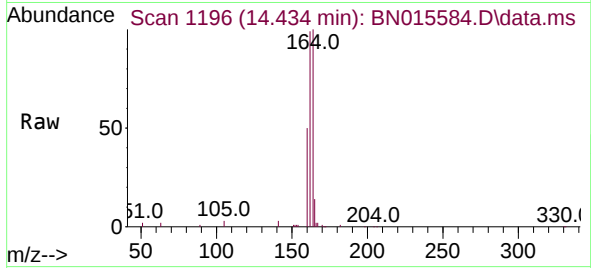




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.434 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

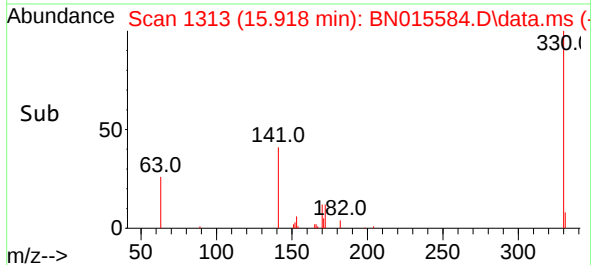
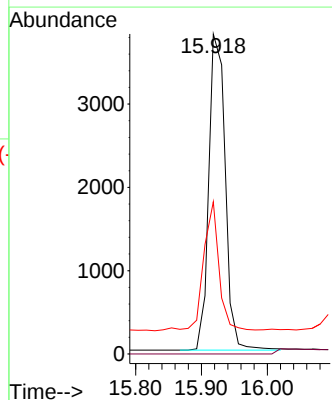
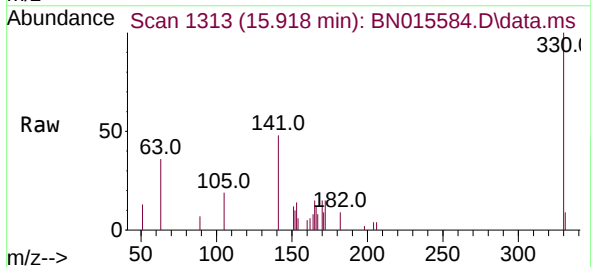
Instrument :
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ClientSampleId :
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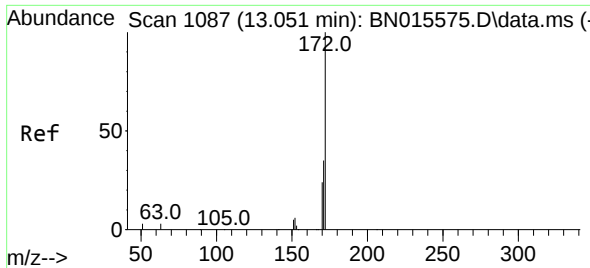
Tgt Ion:164 Resp: 39698
Ion Ratio Lower Upper
164 100
162 99.4 83.8 125.6
160 50.2 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.459 ng
RT: 15.918 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion:330 Resp: 6595
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.1 22.4 33.6#

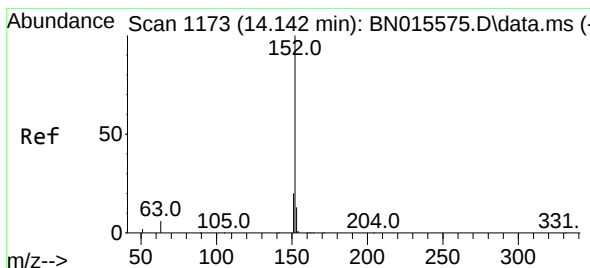
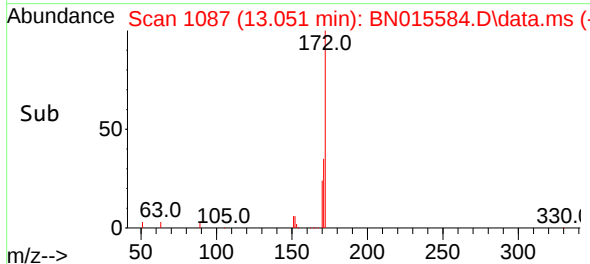
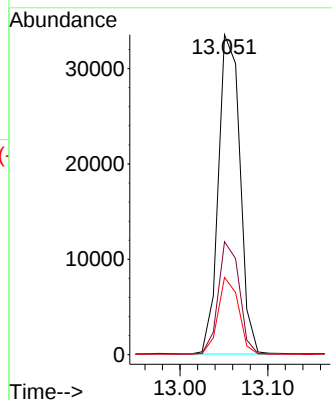
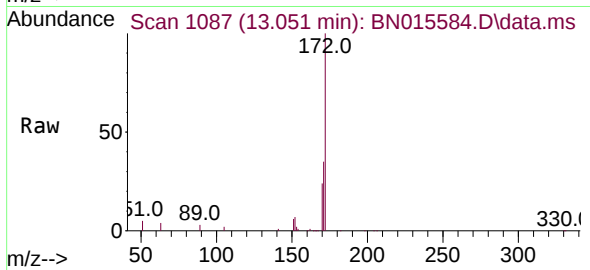




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.051 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

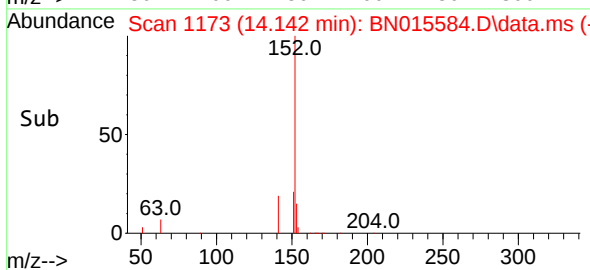
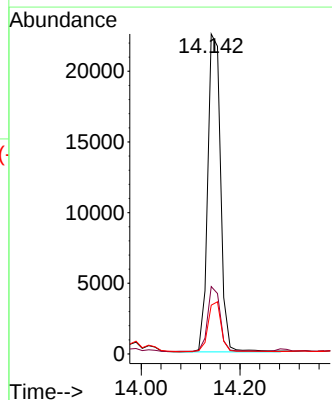
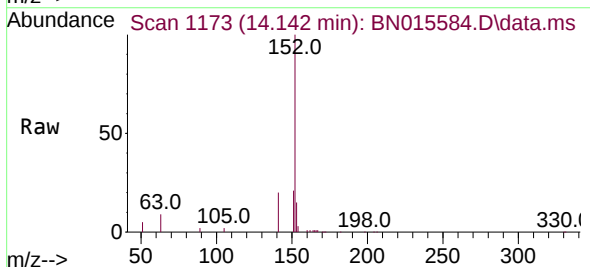
Instrument :
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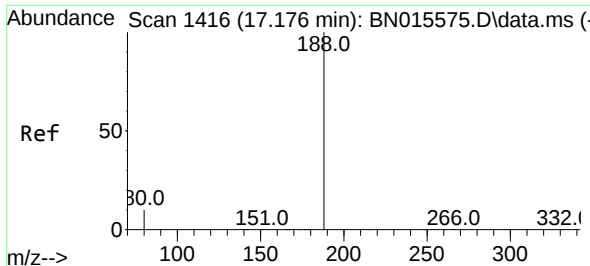
Tgt Ion:172	Resp:	57323
Ion Ratio	Lower	Upper
172	100	
171	35.3	30.6 45.8
170	24.1	20.2 30.4



#16
Acenaphthylene
Concen: 0.221 ng
RT: 14.142 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion:152	Resp:	40793
Ion Ratio	Lower	Upper
152	100	
151	20.1	16.7 25.1
153	15.8	10.5 15.7#

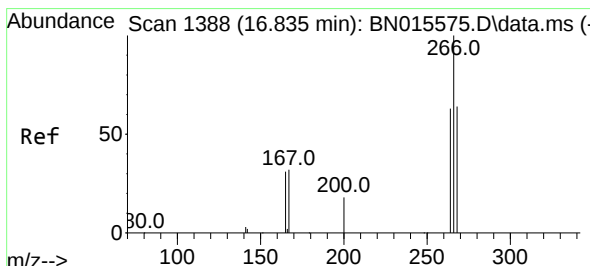
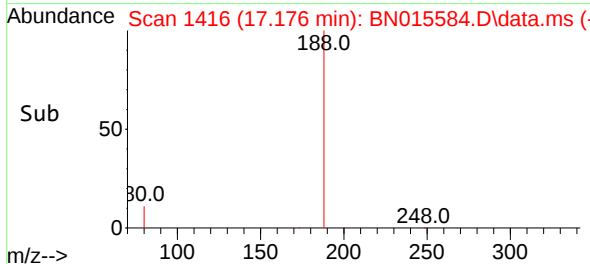
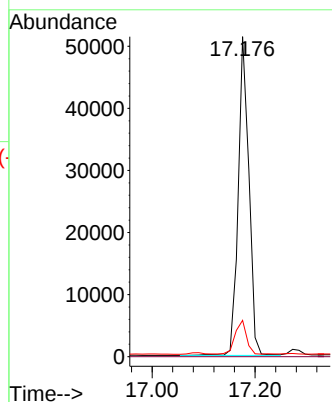
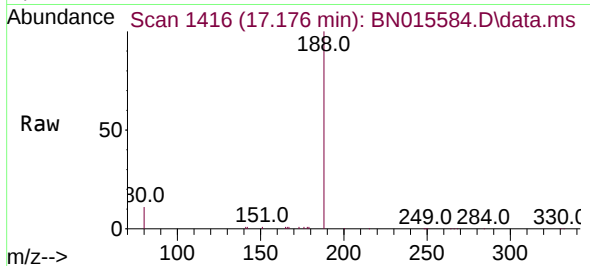




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.176 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

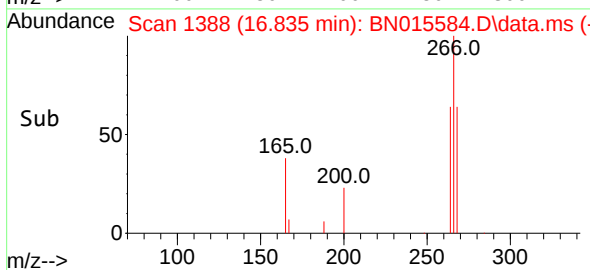
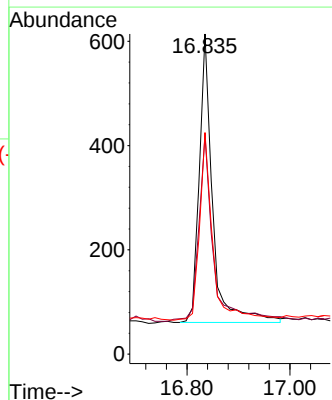
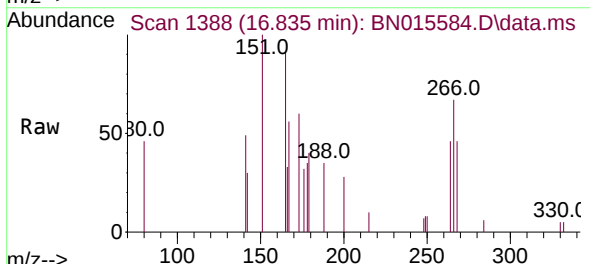
Instrument :
BNA_N
ClientSampleId :
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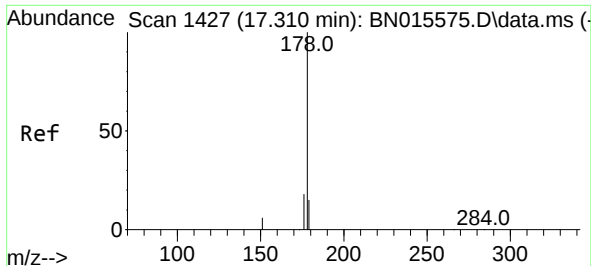
Tgt Ion:188	Resp:	74278
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	11.3	9.0



#24
Pentachlorophenol
Concen: 0.351 ng
RT: 16.835 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion:266	Resp:	995
Ion Ratio	Lower	Upper
266	100	
264	69.4	51.0
268	64.7	50.6

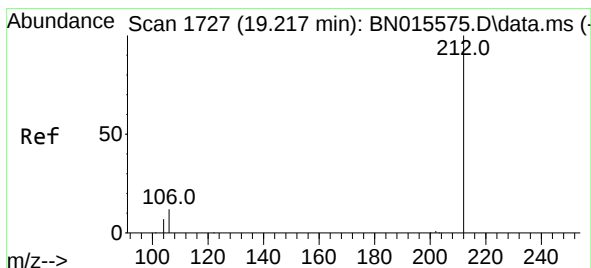
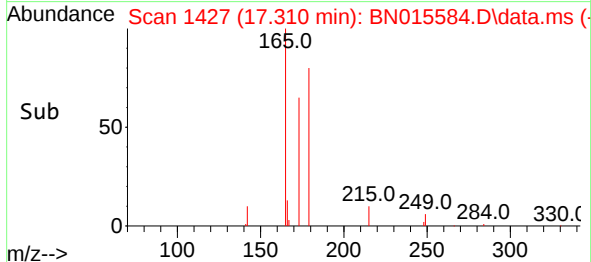
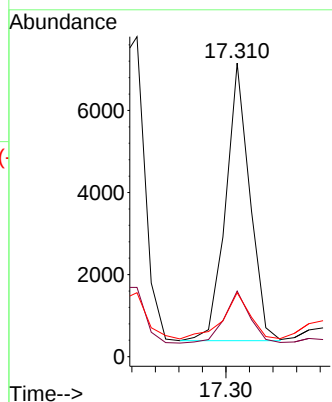
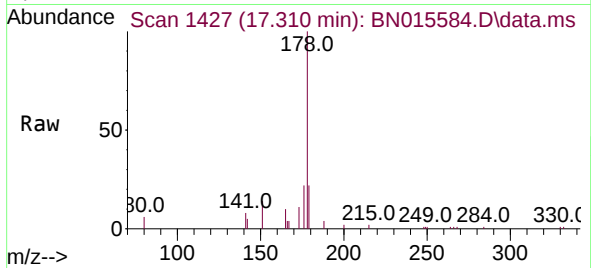




#26
 Anthracene
 Concen: 0.046 ng
 RT: 17.310 min Scan# 1427
 Delta R.T. -0.000 min
 Lab File: BN015584.D
 Acq: 15 Jul 2021 18:24

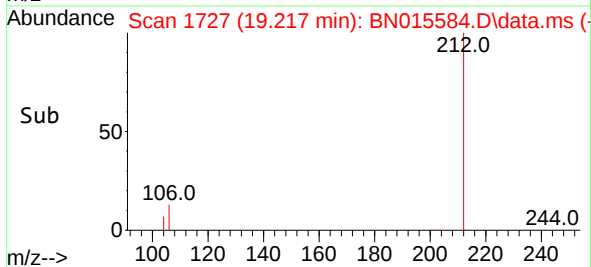
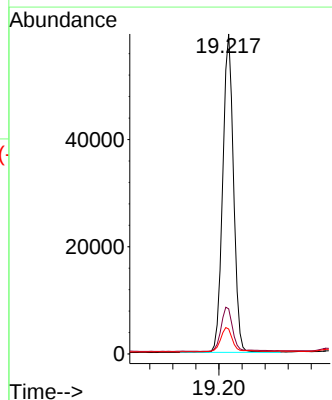
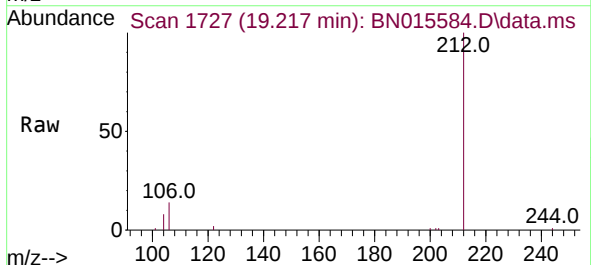
Instrument :
 BNA_N
 ClientSampleId :
 SB-1-GW

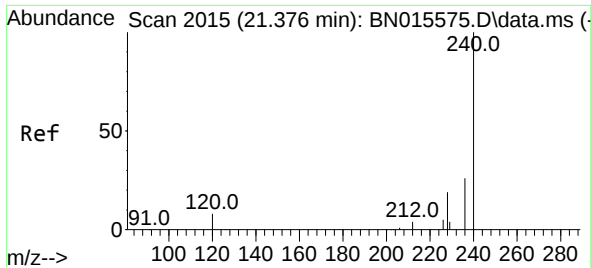
Tgt Ion:	178	Resp:	9581
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.1	22.7
179	18.8	12.2	18.2#



#27
 Fluoranthene-d10
 Concen: 0.345 ng
 RT: 19.217 min Scan# 1727
 Delta R.T. -0.000 min
 Lab File: BN015584.D
 Acq: 15 Jul 2021 18:24

Tgt Ion:	212	Resp:	77551
Ion Ratio	Lower	Upper	
212	100		
106	15.4	7.0	10.6#
104	8.8	4.1	6.1#

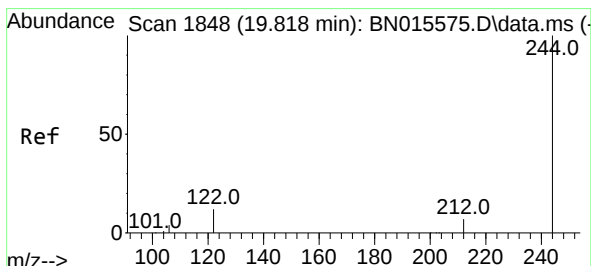
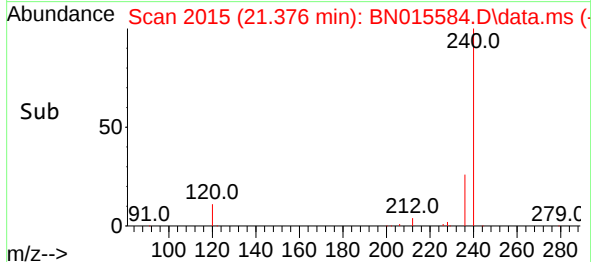
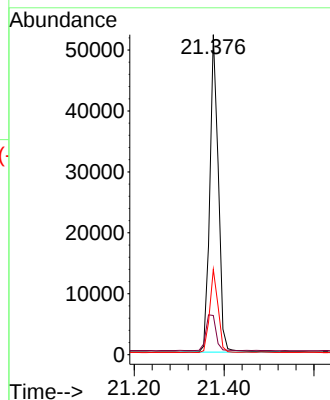
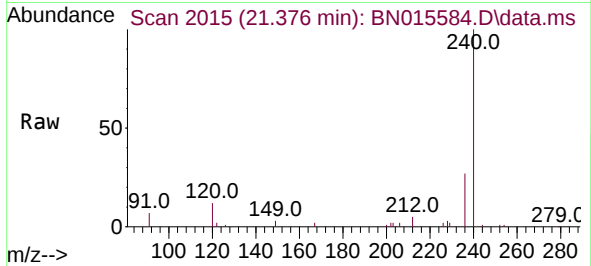




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

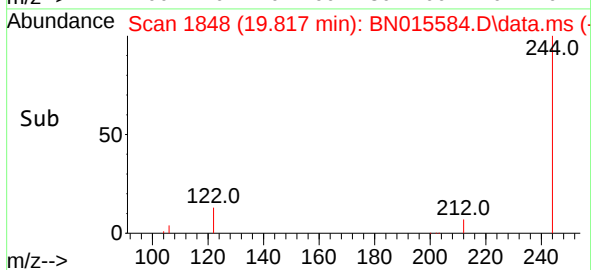
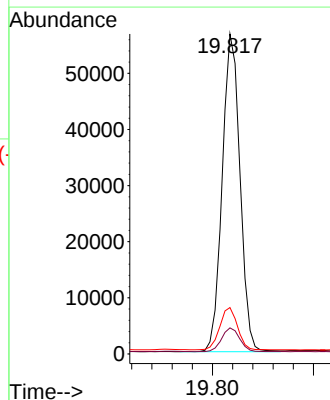
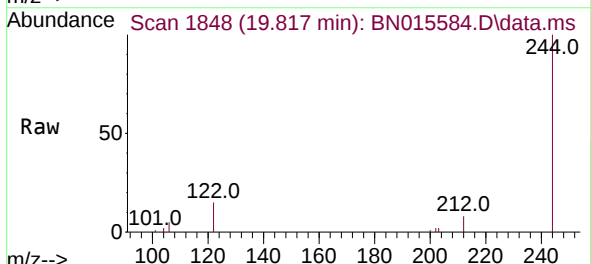
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

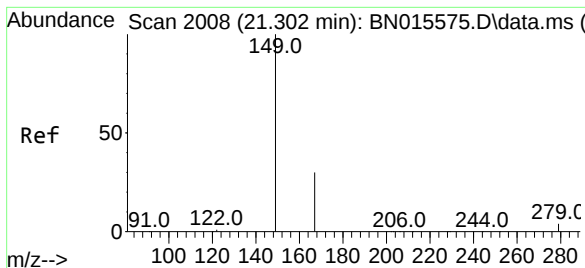
Tgt Ion:240 Resp: 68323
Ion Ratio Lower Upper
240 100
120 12.2 4.2 6.4#
236 26.6 21.4 32.2



#31
Terphenyl-d14
Concen: 0.428 ng
RT: 19.817 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion:244 Resp: 69338
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 14.5 6.2 9.2#

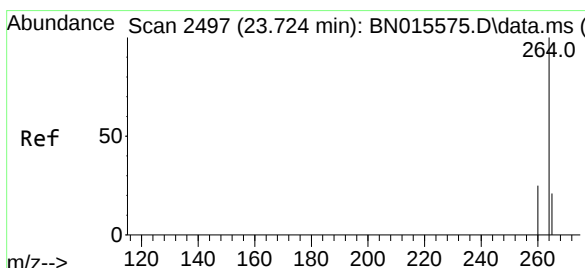
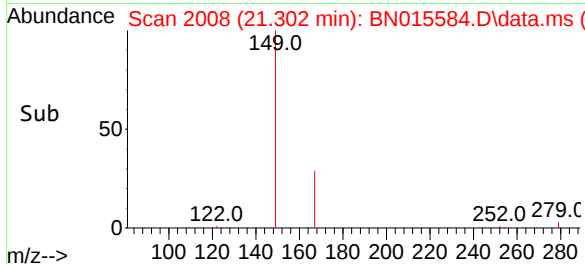
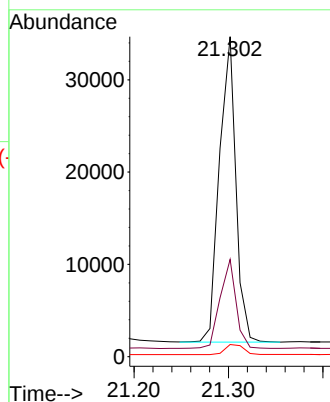
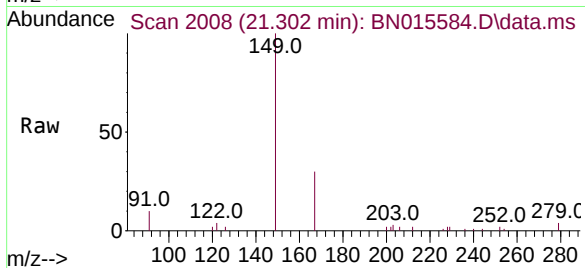




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.391 ng
 RT: 21.302 min Scan# 2008
 Delta R.T. -0.000 min
 Lab File: BN015584.D
 Acq: 15 Jul 2021 18:24

Instrument :
 BNA_N
 ClientSampleId :
 SB-1-GW

Tgt Ion:149 Resp: 39996
 Ion Ratio Lower Upper
 149 100
 167 28.6 28.9 43.3#
 279 3.8 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.727 min Scan# 2498
 Delta R.T. 0.003 min
 Lab File: BN015584.D
 Acq: 15 Jul 2021 18:24

Tgt Ion:264 Resp: 69994
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 31.0
 265 23.5 21.4 32.2

