

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017713.D
 Acq On : 04 Dec 2021 05:55
 Operator : CG/JU
 Sample : M4917-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-26

Quant Time: Dec 06 02:13:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 23:07:38 2021
 Response via : Initial Calibration

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

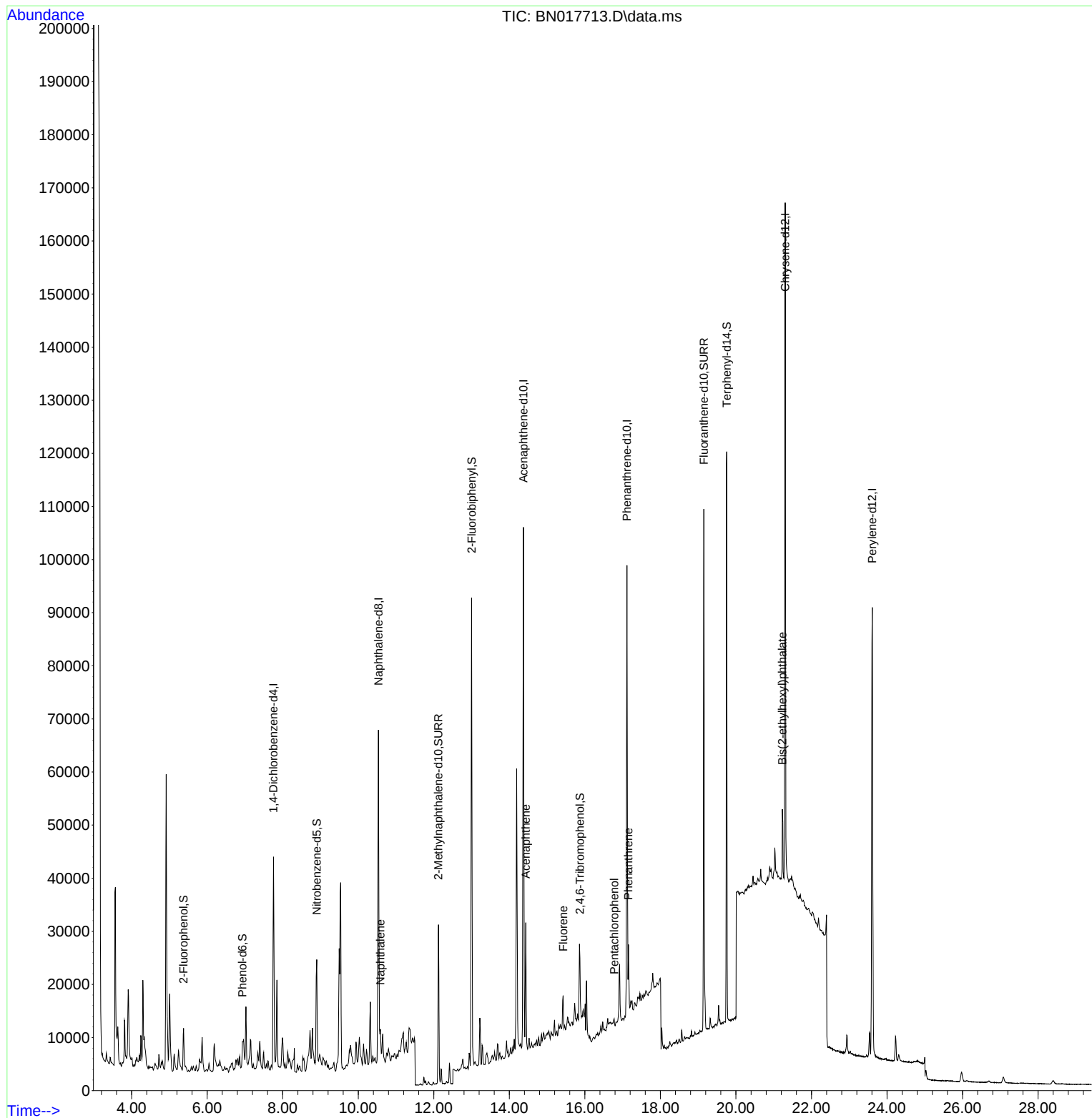
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	20148	0.40	ng	0.00
7) Naphthalene-d8	10.535	136	83080	0.40	ng	# 0.00
13) Acenaphthene-d10	14.371	164	54632	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	115771	0.40	ng	0.00
29) Chrysene-d12	21.303	240	118603	0.40	ng	# 0.00
35) Perylene-d12	23.609	264	116851	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.375	112	8198	0.17	ng	0.02
5) Phenol-d6	6.934	99	5167	0.11	ng	0.00
8) Nitrobenzene-d5	8.900	82	18386	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	41795	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.868	330	13436	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	74318	0.36	ng	0.00
27) Fluoranthene-d10	19.148	212	119492	0.32	ng	0.00
31) Terphenyl-d14	19.754	244	112952	0.43	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.585	128	7703	0.04	ng	# 89
17) Acenaphthene	14.435	154	11493	0.08	ng	99
18) Fluorene	15.424	166	3652	0.02	ng	# 93
24) Pentachlorophenol	16.775	266	698	0.30	ng	95
25) Phenanthrene	17.153	178	14154	0.05	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.229	149	13366	0.12	ng	# 95

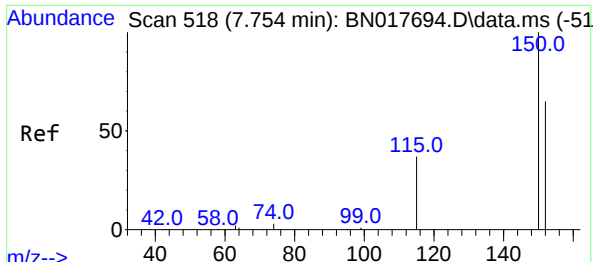
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 23:07:38 2021
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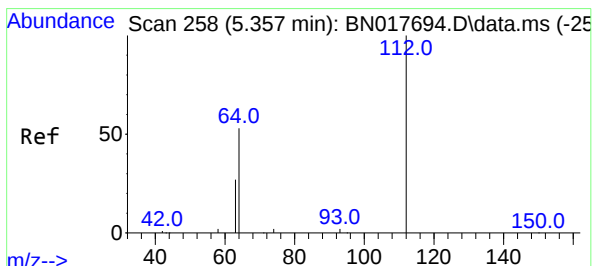
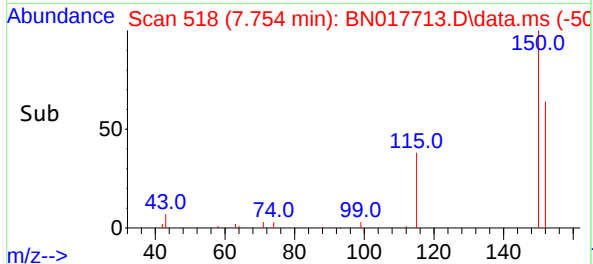
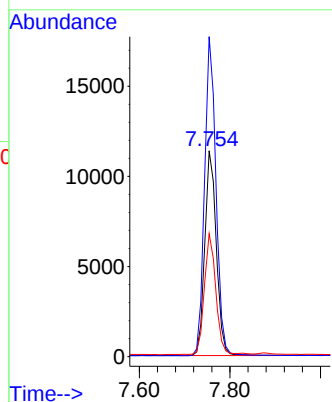
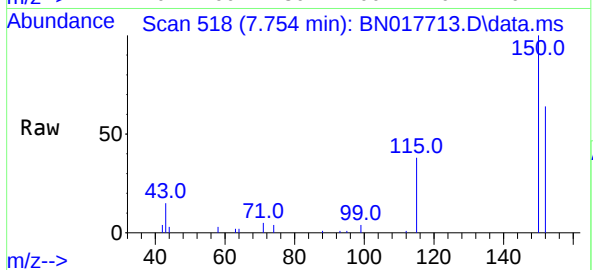




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

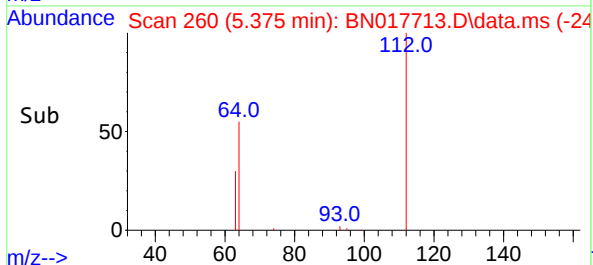
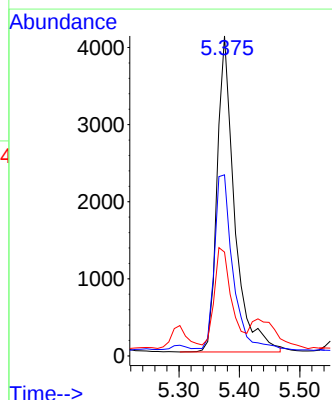
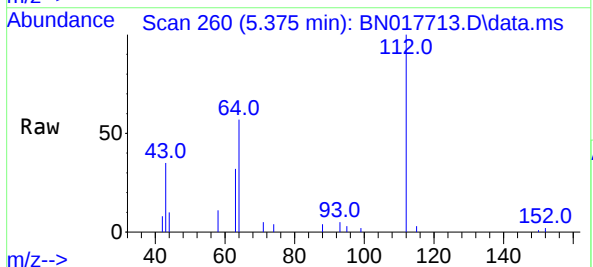
Instrument :
BNA_N
ClientSampleId :
MW-26

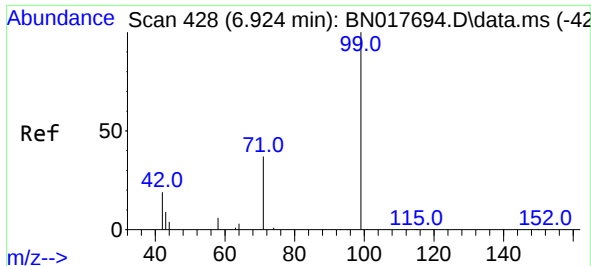
Tgt Ion:152 Resp: 20148
Ion Ratio Lower Upper
152 100
150 155.4 123.0 184.4
115 59.7 45.6 68.4



#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.375 min Scan# 260
Delta R.T. 0.019 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:112 Resp: 8198
Ion Ratio Lower Upper
112 100
64 57.3 47.6 71.4
63 29.7 24.6 37.0

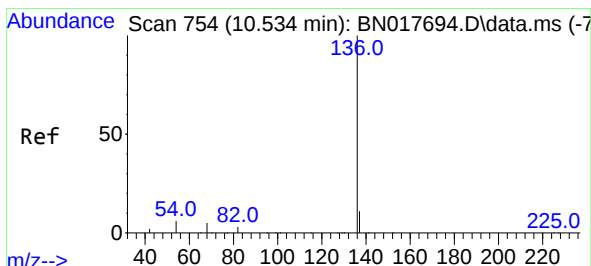
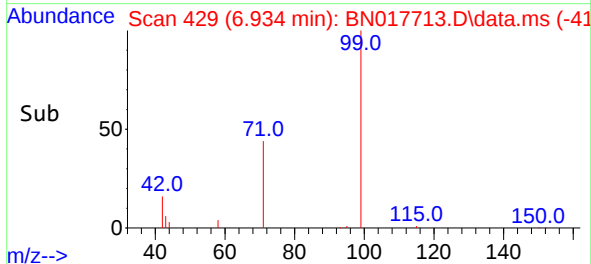
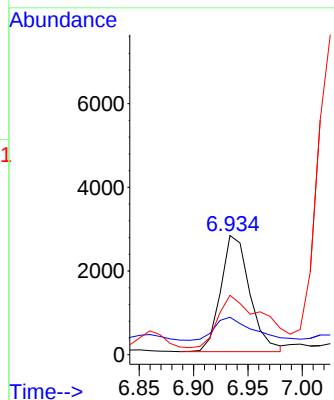
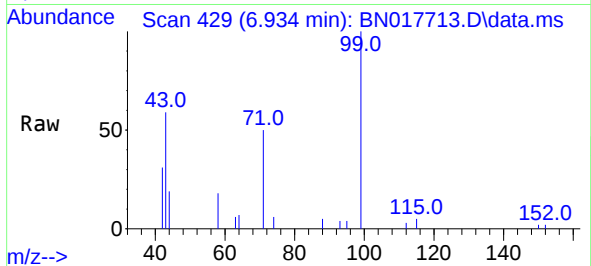




#5
Phenol-d6
Concen: 0.11 ng
RT: 6.934 min Scan# 428
Delta R.T. 0.009 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

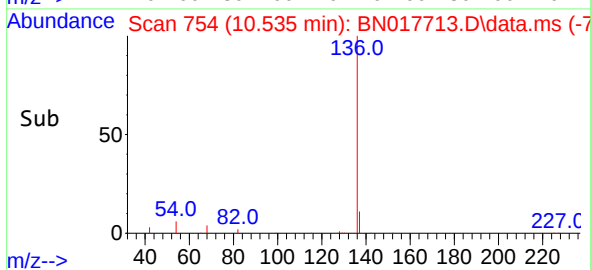
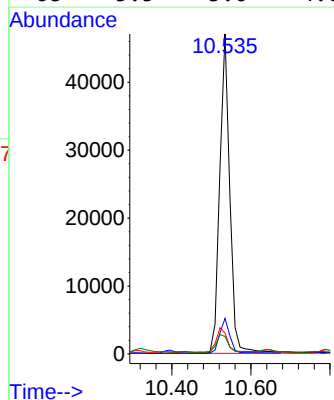
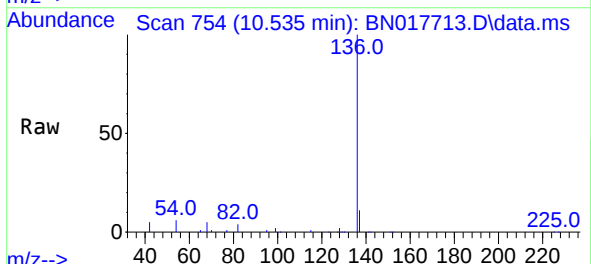
Instrument :
BNA_N
ClientSampleId :
MW-26

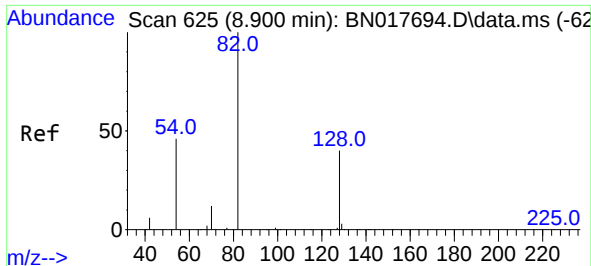
Tgt Ion: 99 Resp: 5167
Ion Ratio Lower Upper
99 100
42 24.9 17.0 25.6
71 70.6 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion: 136 Resp: 83080
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 4.0 6.0#
68 5.5 3.0 4.6#

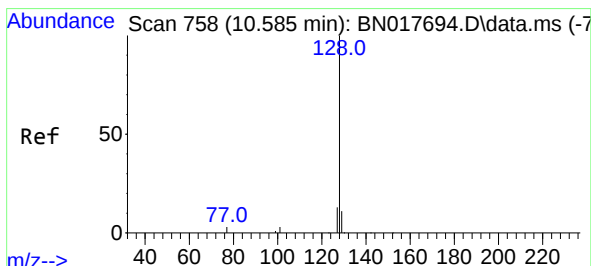
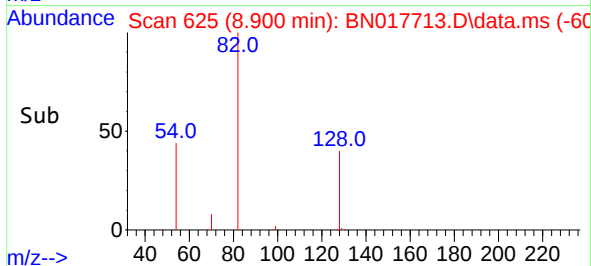
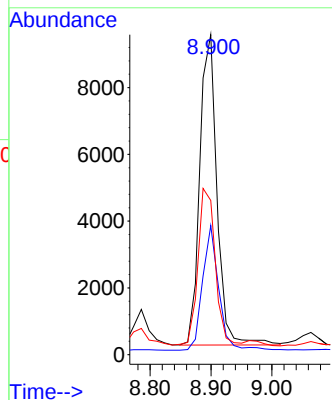
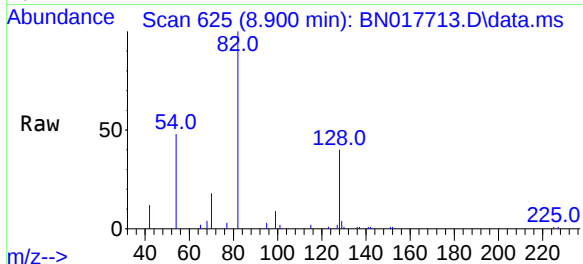




#8
Nitrobenzene-d5
Concen: 0.46 ng
RT: 8.900 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

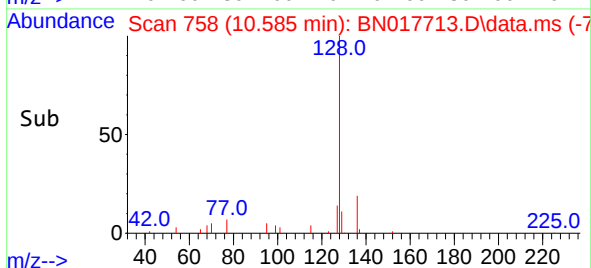
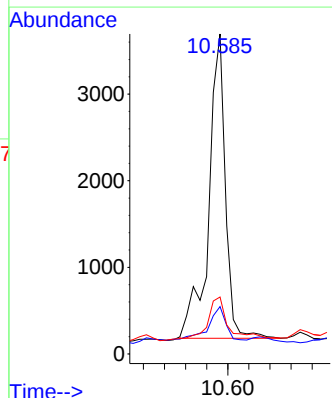
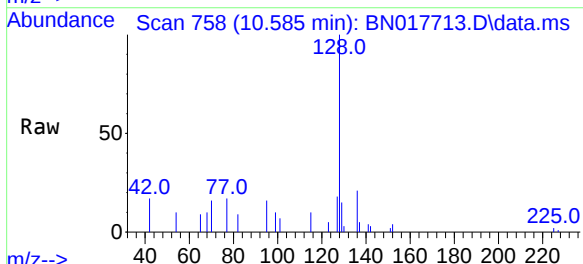
Instrument :
BNA_N
ClientSampleId :
MW-26

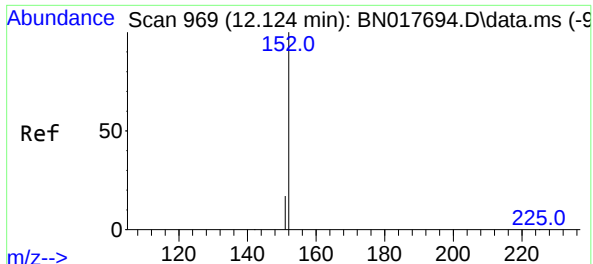
Tgt Ion: 82 Resp: 18386
Ion Ratio Lower Upper
82 100
128 40.4 27.7 41.5
54 48.2 49.2 73.8#



#9
Naphthalene
Concen: 0.04 ng
RT: 10.585 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion: 128 Resp: 7703
Ion Ratio Lower Upper
128 100
129 14.8 8.8 13.2#
127 17.8 10.6 15.8#





#11

2-Methylnaphthalene-d10

Concen: 0.28 ng

RT: 12.124 min Scan# 969

Delta R.T. 0.000 min

Lab File: BN017713.D

Acq: 04 Dec 2021 05:55

Instrument :

BNA_N

ClientSampleId :

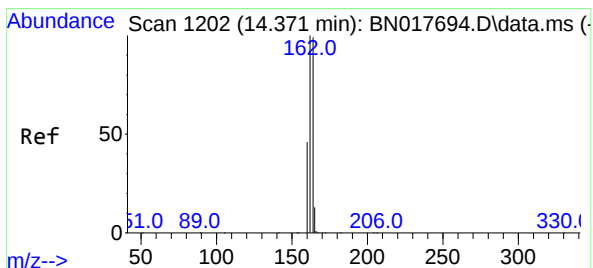
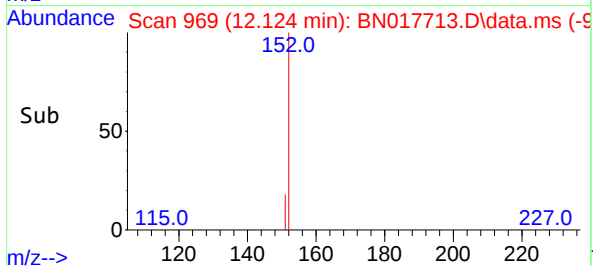
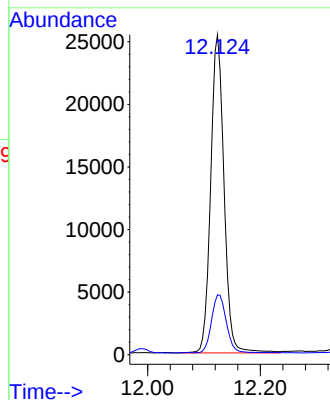
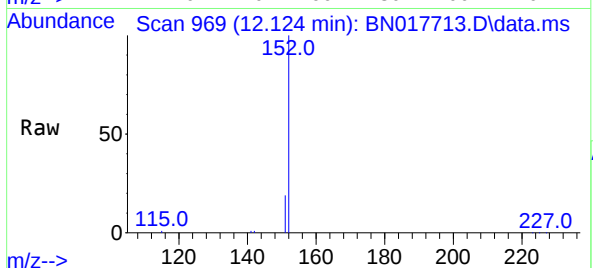
MW-26

Tgt Ion:152 Resp: 41795

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.371 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BN017713.D

Acq: 04 Dec 2021 05:55

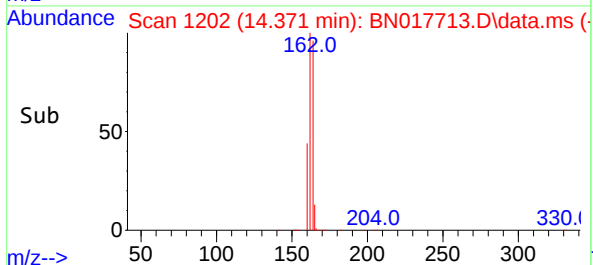
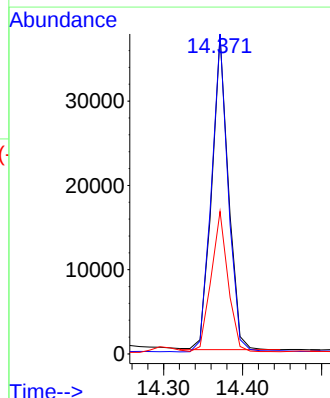
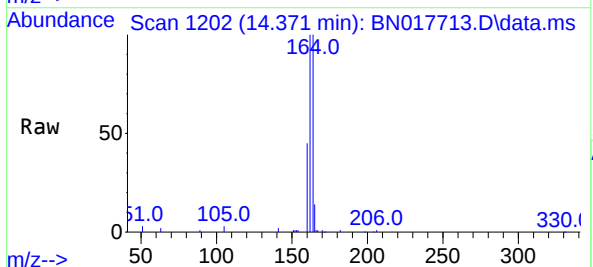
Tgt Ion:164 Resp: 54632

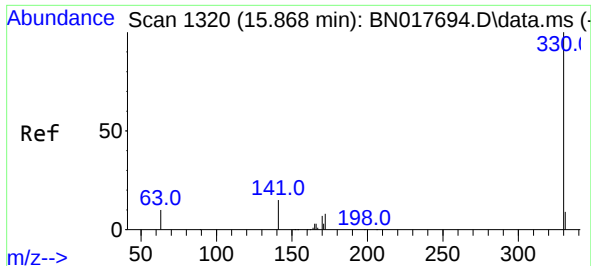
Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.2

160 44.7 36.8 55.2

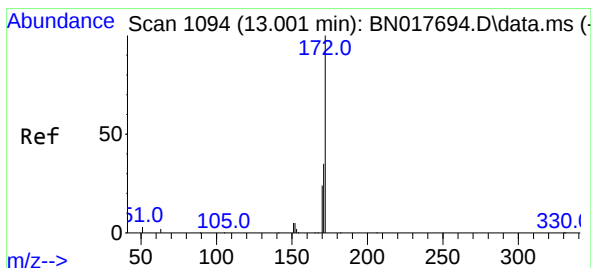
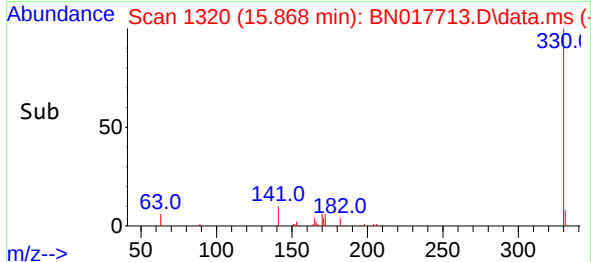
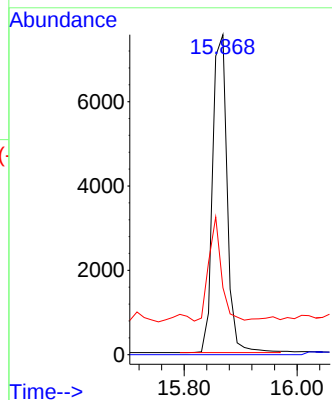
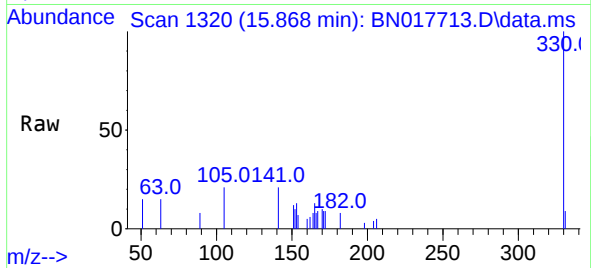




#14
2,4,6-Tribromophenol
Concen: 0.52 ng
RT: 15.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

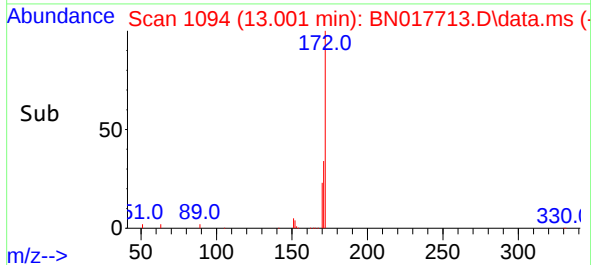
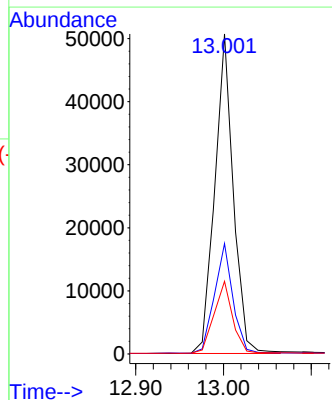
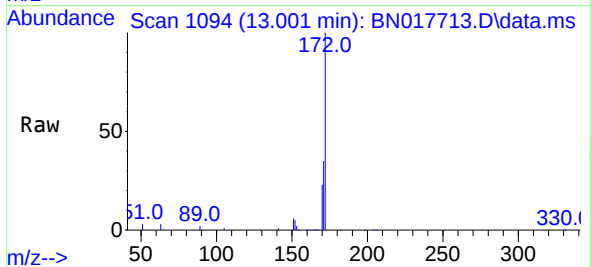
Instrument :
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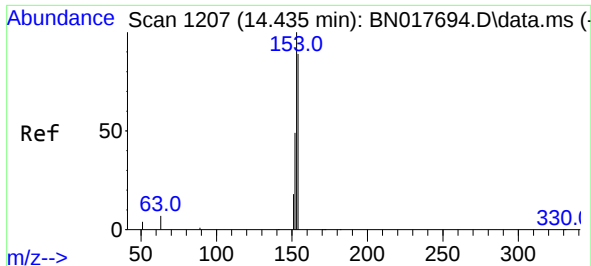
Tgt Ion:330 Resp: 13436
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.5 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:172 Resp: 74318
Ion Ratio Lower Upper
172 100
171 34.5 28.7 43.1
170 22.7 19.4 29.2

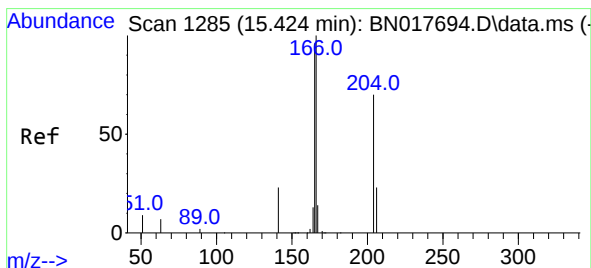
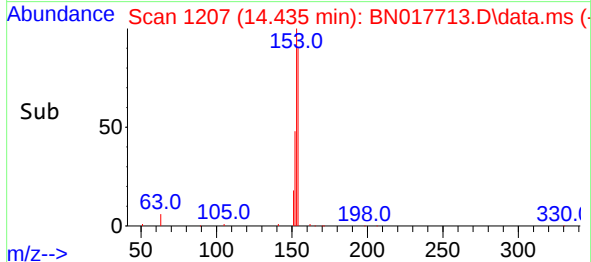
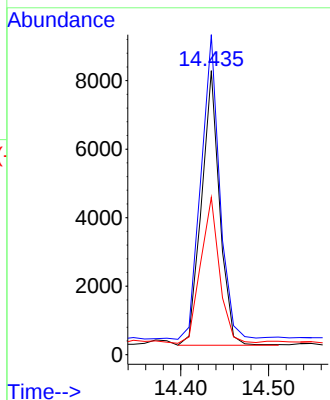
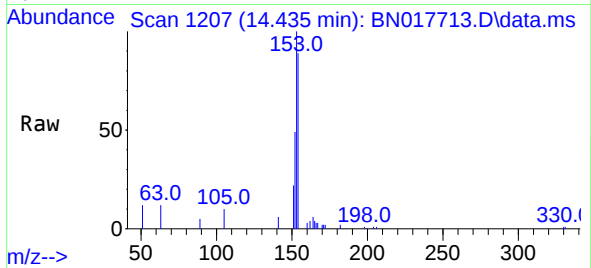




#17
Acenaphthene
Concen: 0.08 ng
RT: 14.435 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

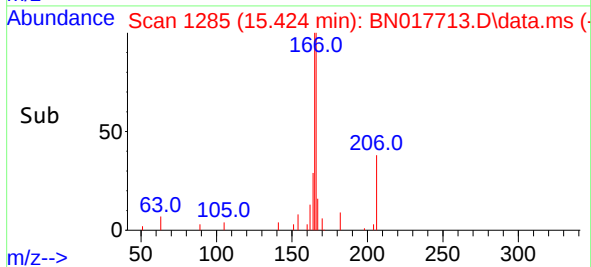
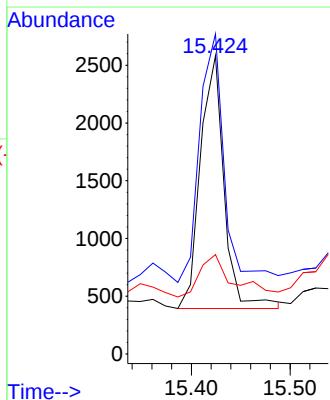
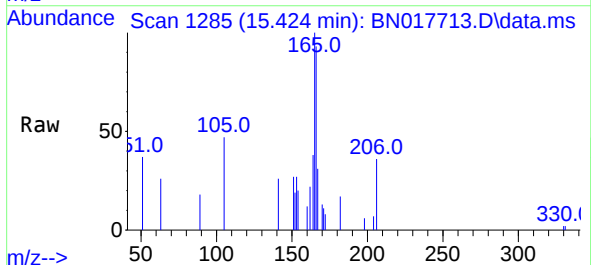
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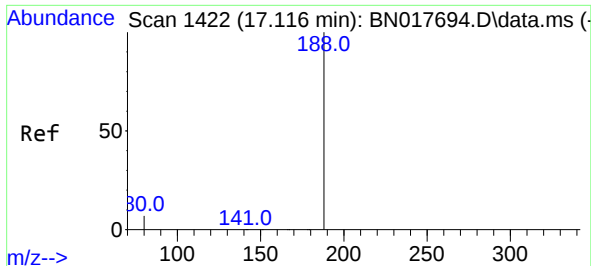
Tgt Ion:154 Resp: 11493
Ion Ratio Lower Upper
154 100
153 112.8 91.2 136.8
152 55.2 44.3 66.5



#18
Fluorene
Concen: 0.02 ng
RT: 15.424 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:166 Resp: 3652
Ion Ratio Lower Upper
166 100
165 101.6 77.9 116.9
167 23.8 10.9 16.3#

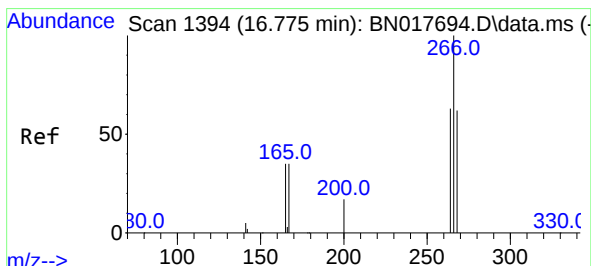
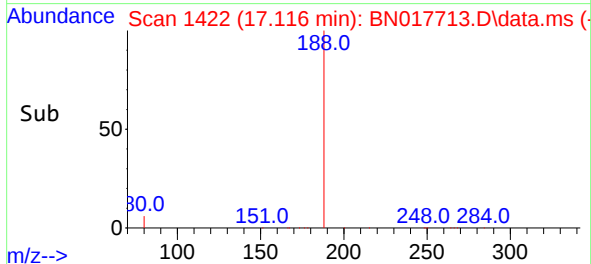
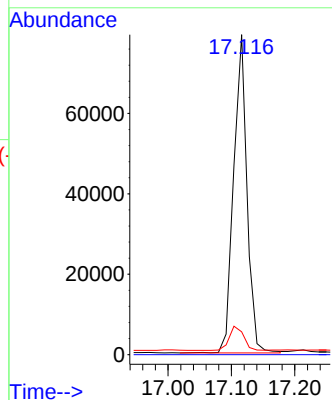
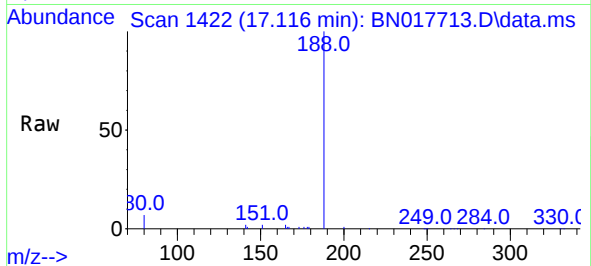




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

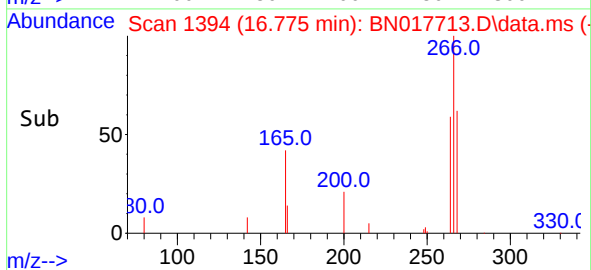
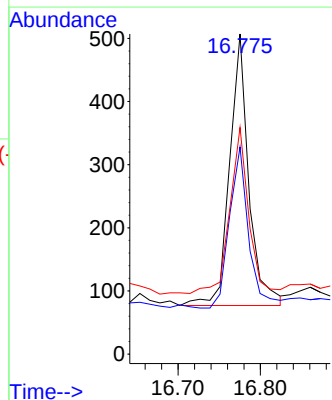
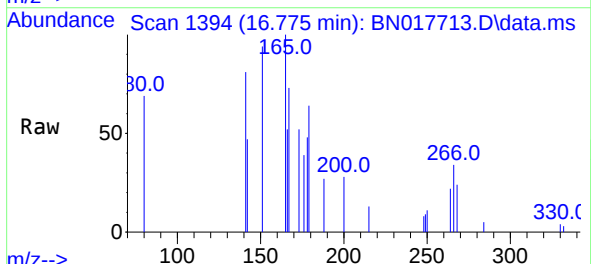
Instrument :
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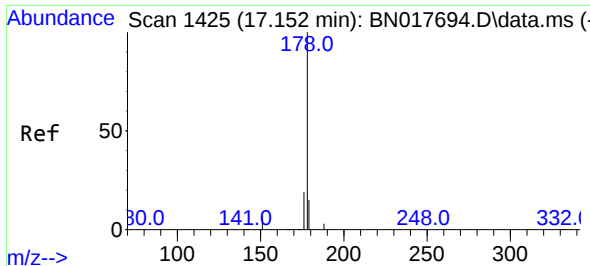
Tgt Ion:188 Resp: 115771
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 6.1 9.1



#24
Pentachlorophenol
Concen: 0.30 ng
RT: 16.775 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:266 Resp: 698
Ion Ratio Lower Upper
266 100
264 59.6 49.8 74.8
268 59.7 51.3 76.9

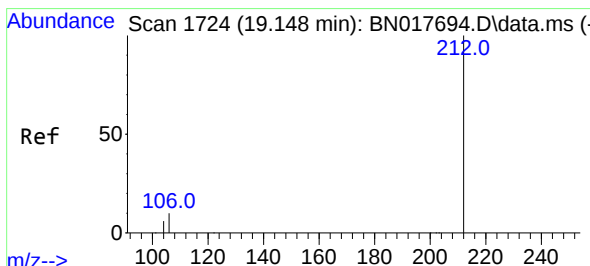
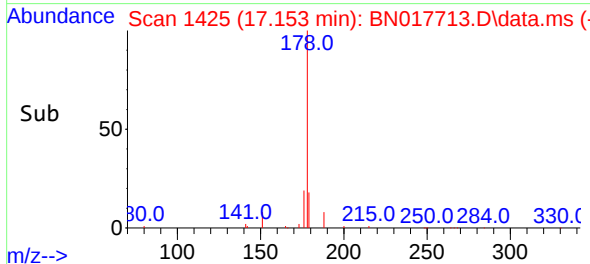
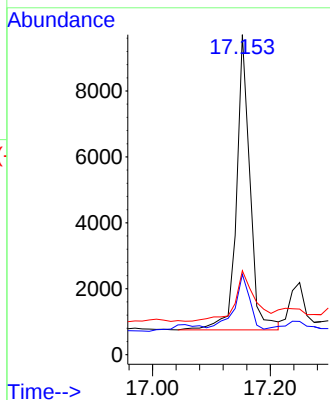
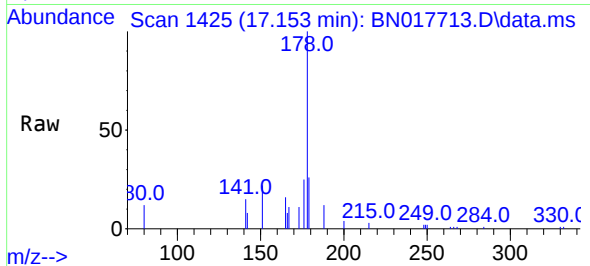




#25
Phenanthrene
Concen: 0.05 ng
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

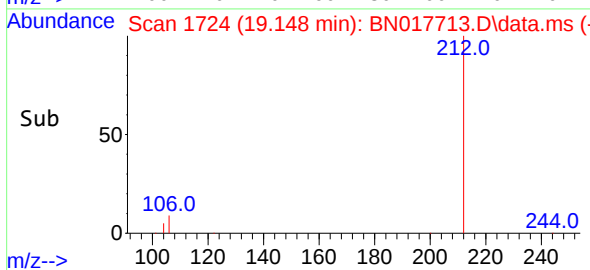
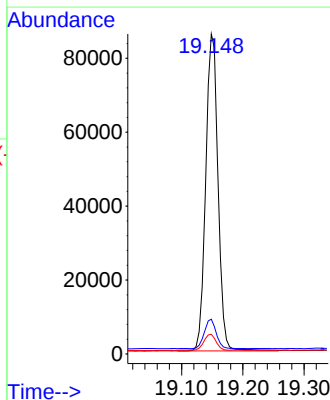
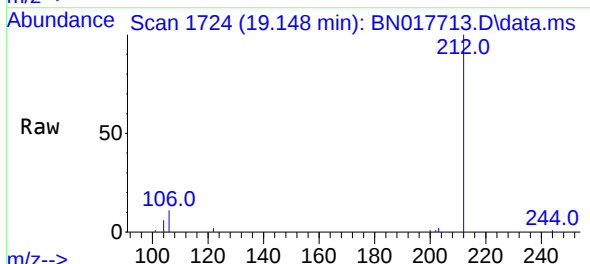
Instrument :
BNA_N
ClientSampleId :
MW-26

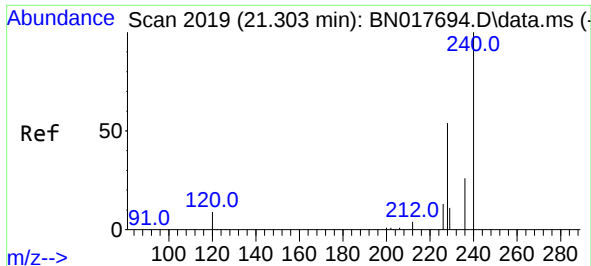
Tgt Ion:178 Resp: 14154
Ion Ratio Lower Upper
178 100
176 22.1 15.0 22.6
179 24.9 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.148 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:212 Resp: 119492
Ion Ratio Lower Upper
212 100
106 9.1 10.5 15.7#
104 5.3 5.8 8.6#

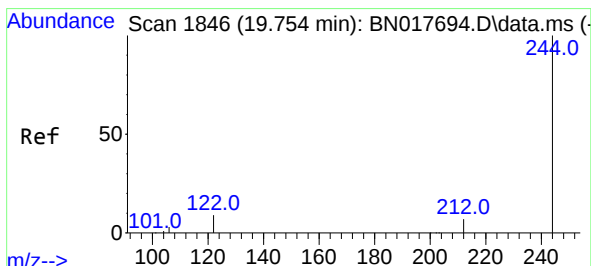
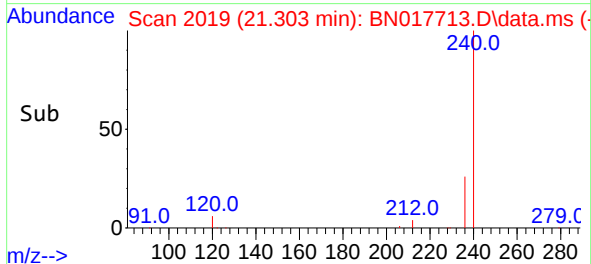
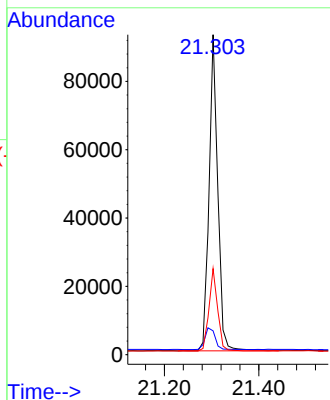
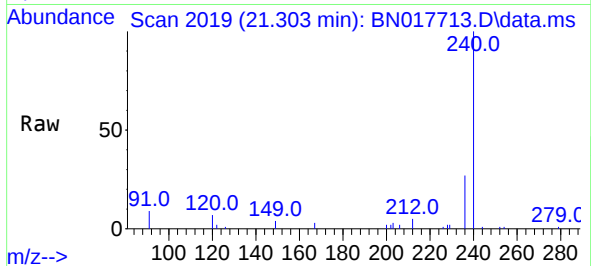




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

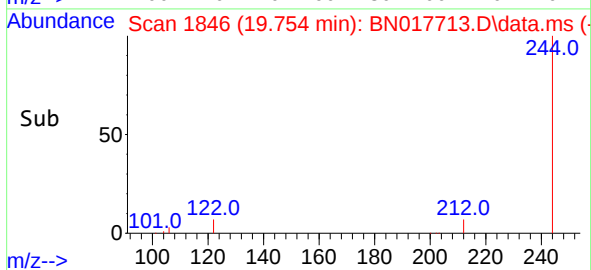
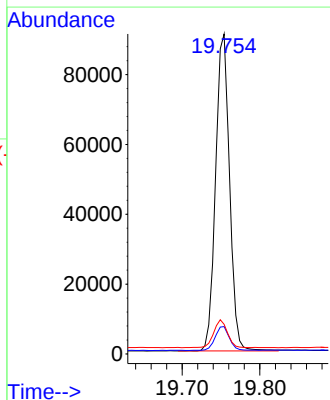
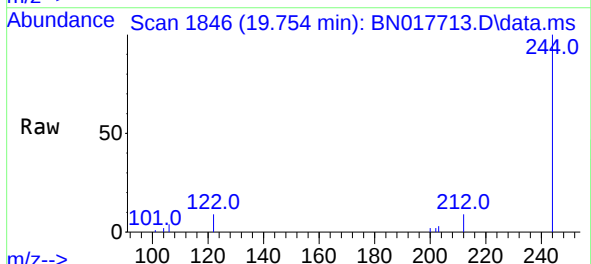
Instrument :
BNA_N
ClientSampleId :
MW-26

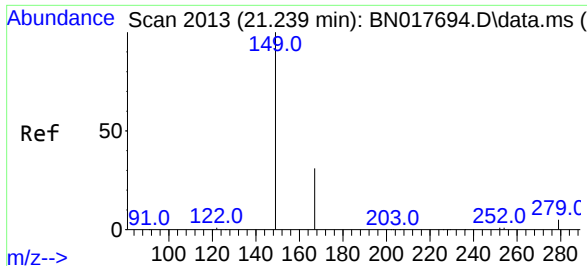
Tgt Ion:240 Resp: 118603
Ion Ratio Lower Upper
240 100
120 7.4 4.2 6.2#
236 26.9 20.0 30.0



#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.754 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:244 Resp: 112952
Ion Ratio Lower Upper
244 100
212 8.5 5.7 8.5#
122 9.2 8.6 13.0

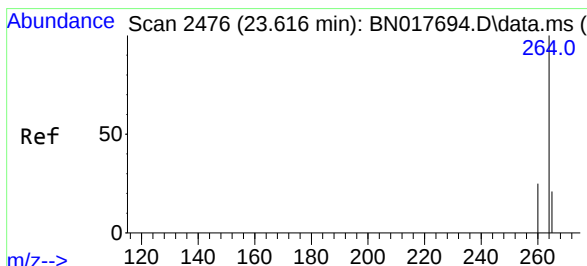
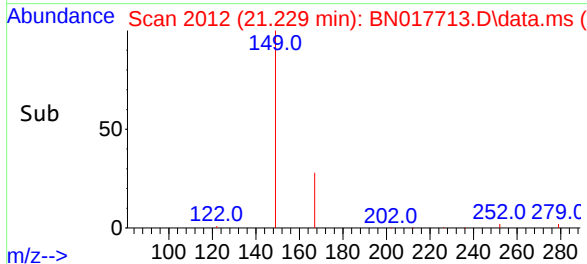
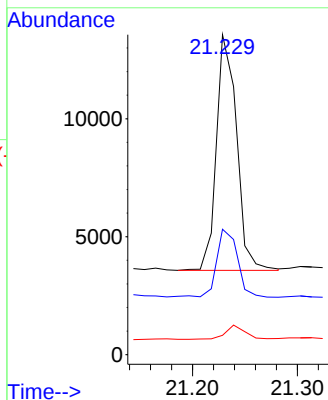
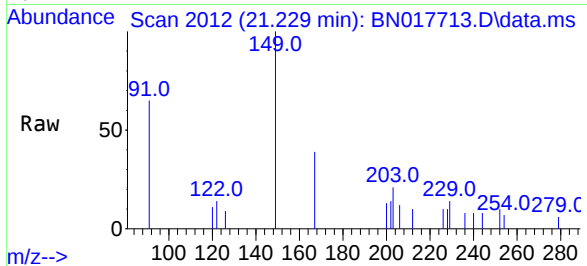




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.229 min Scan# 2013
Delta R.T. -0.010 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Instrument :
BNA_N
ClientSampleId :
MW-26

Tgt Ion:149 Resp: 13366
Ion Ratio Lower Upper
149 100
167 29.8 21.8 32.6
279 5.9 3.4 5.0#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.609 min Scan# 2474
Delta R.T. -0.007 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:264 Resp: 116851
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 25.0 18.6 28.0

