

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017884.D
 Acq On : 10 Dec 2021 23:41
 Operator : CG/JU
 Sample : PB141310BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141310BL

Quant Time: Dec 11 05:45:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

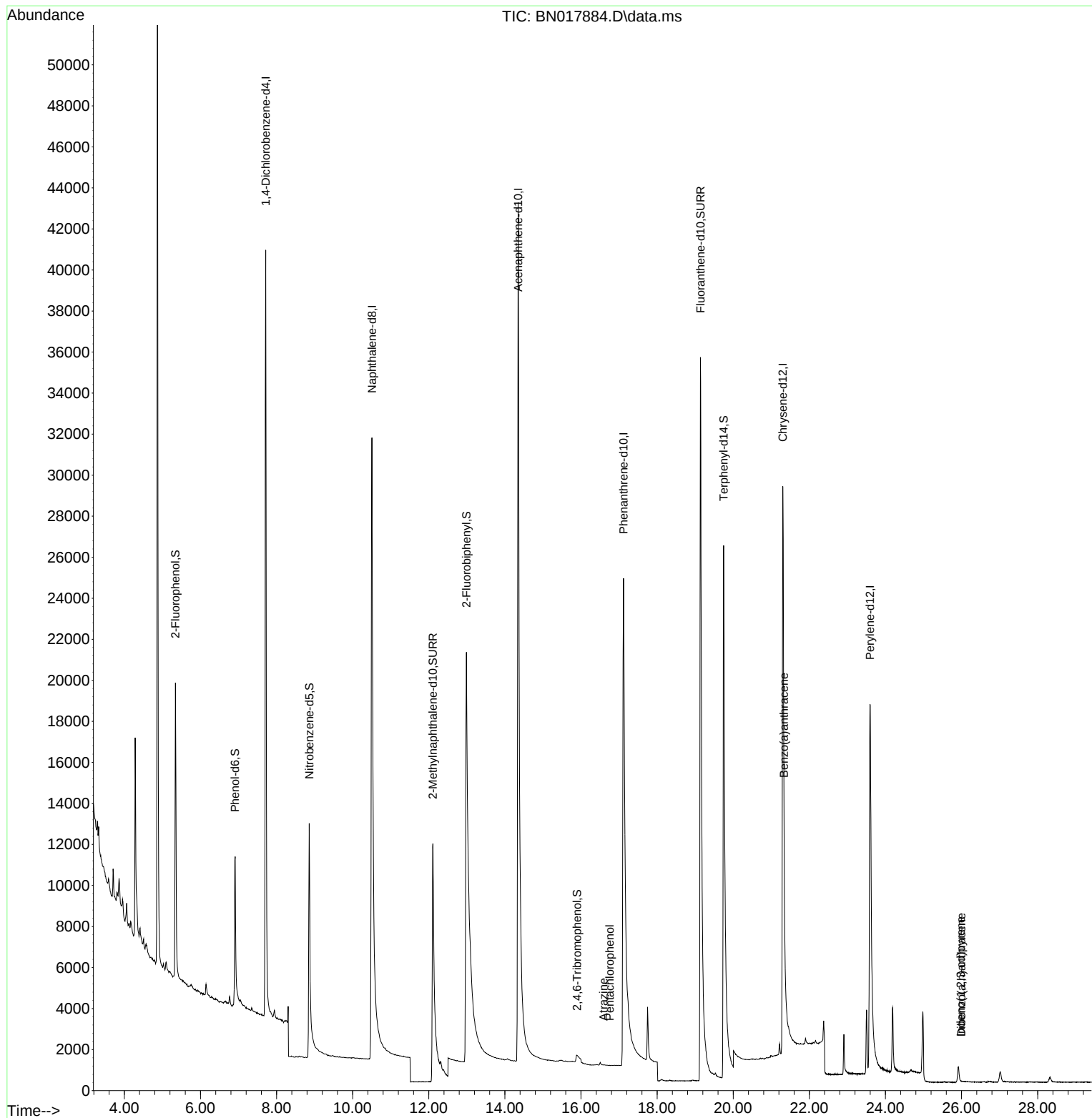
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	22692	0.400	ng	0.00
7) Naphthalene-d8	10.506	136	79103	0.400	ng	0.01
13) Acenaphthene-d10	14.347	164	49933	0.400	ng	0.01
19) Phenanthrene-d10	17.117	188	90552	0.400	ng	# 0.02
29) Chrysene-d12	21.303	240	62591	0.400	ng	# 0.01
35) Perylene-d12	23.596	264	45119	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	13101	0.280	ng	0.02
5) Phenol-d6	6.912	99	8843	0.190	ng	0.02
8) Nitrobenzene-d5	8.859	82	14924	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	12.107	152	38927	0.280	ng	0.02
14) 2,4,6-Tribromophenol	15.895	330	820	0.363	ng	0.05
15) 2-Fluorobiphenyl	12.989	172	39347	0.224	ng	0.03
27) Fluoranthene-d10	19.139	212	94611	0.322	ng	0.00
31) Terphenyl-d14	19.750	244	69147	0.448	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.514	198	2	Below Cal		Qvalue 88
23) Atrazine	16.593	200	27	0.092 ng	#	10
24) Pentachlorophenol	16.751	266	11	0.090 ng	#	46
32) Benzo(a)anthracene	21.335	228	737	0.054 ng	#	51
36) Indeno(1,2,3-cd)pyrene	25.981	276	3	0.089 ng	#	1
40) Dibenzo(a,h)anthracene	25.995	278	4	0.101 ng	#	1

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

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Data File : BN017884.D
Acq On : 10 Dec 2021 23:41
Operator : CG/JU
Sample : PB141310BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141310BL

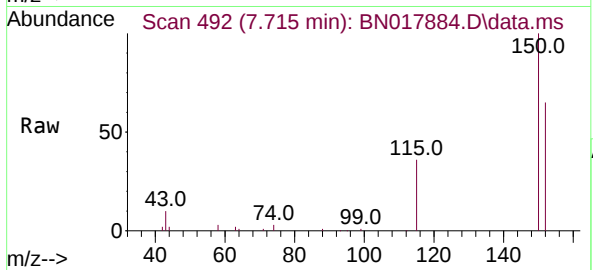
Quant Time: Dec 11 05:45:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
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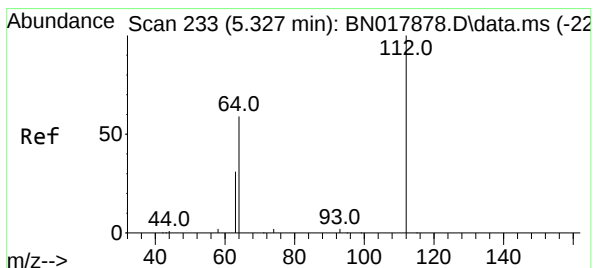
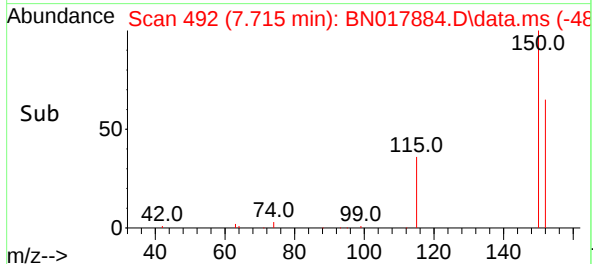
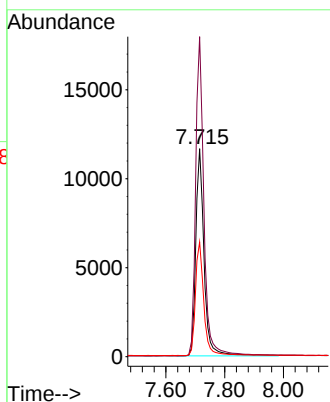


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

Instrument :
BNA_N
ClientSampleId :
PB141310BL

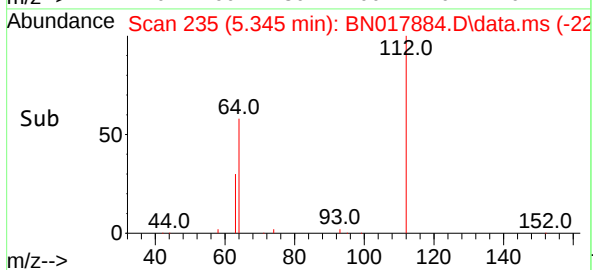
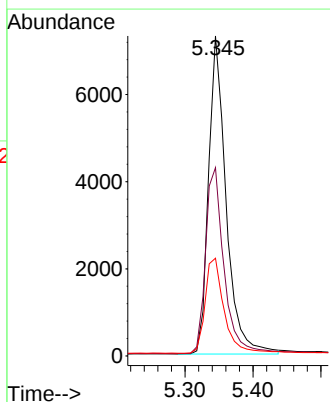
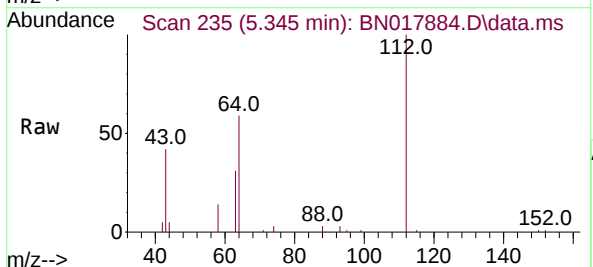


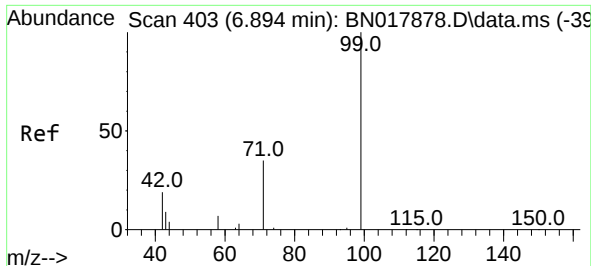
Tgt Ion:152 Resp: 22692
Ion Ratio Lower Upper
152 100
150 153.9 121.9 182.9
115 55.2 44.1 66.1



#4
2-Fluorophenol
Concen: 0.280 ng
RT: 5.345 min Scan# 235
Delta R.T. 0.018 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

Tgt Ion:112 Resp: 13101
Ion Ratio Lower Upper
112 100
64 61.6 49.0 73.4
63 32.1 26.2 39.2

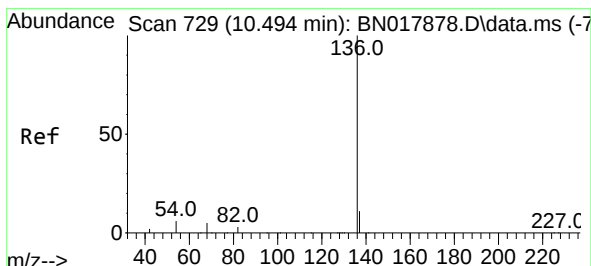
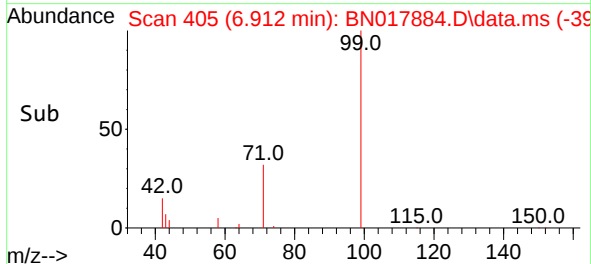
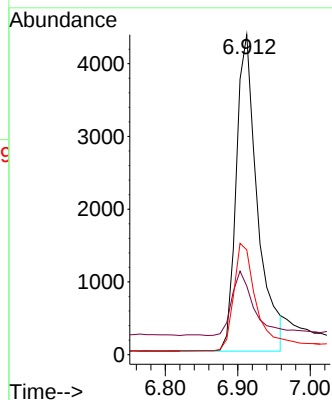
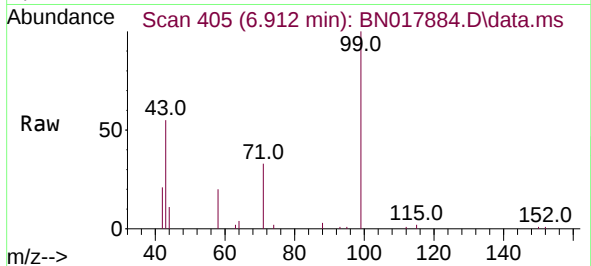




#5
Phenol-d6
Concen: 0.190 ng
RT: 6.912 min Scan# 403
Delta R.T. 0.018 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

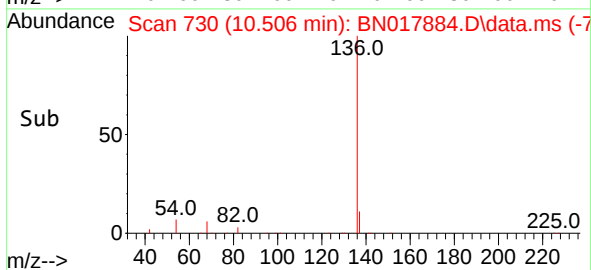
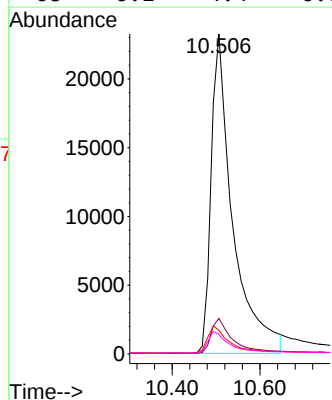
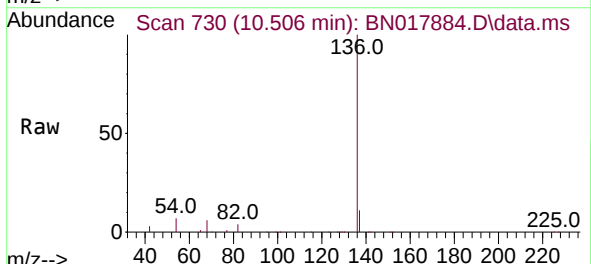
Instrument :
BNA_N
ClientSampleId :
PB141310BL

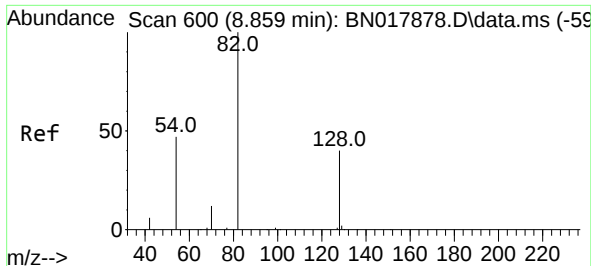
Tgt Ion: 99 Resp: 8843
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 35.5 28.0 42.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.506 min Scan# 730
Delta R.T. 0.012 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

Tgt Ion: 136 Resp: 79103
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.4 5.1 7.7
68 6.1 4.4 6.6

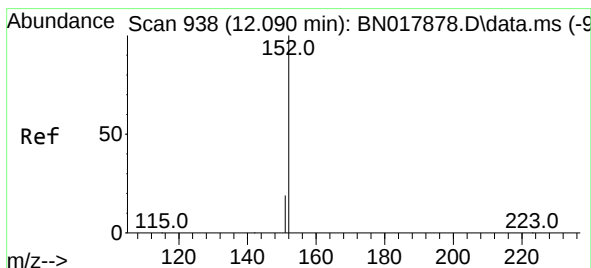
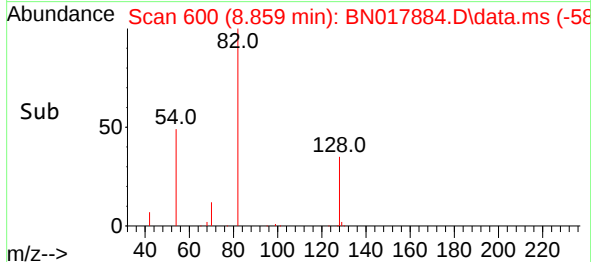
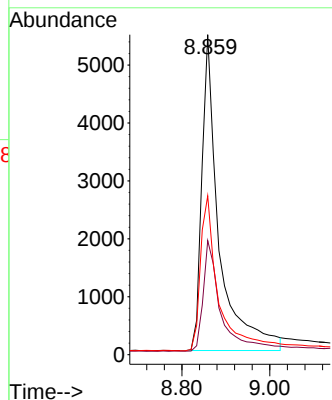
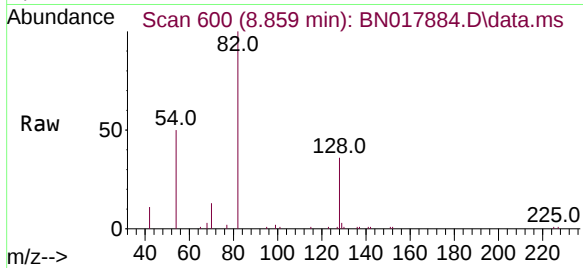




#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

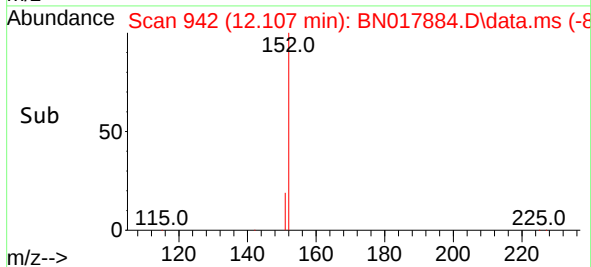
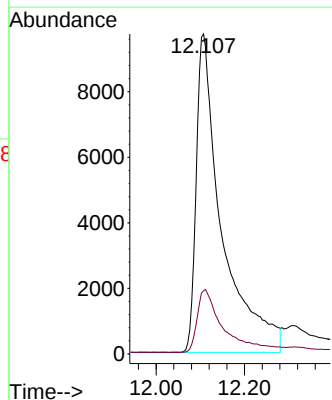
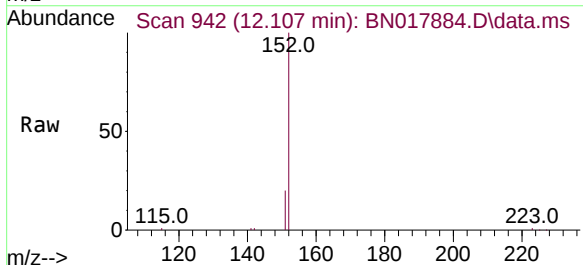
Instrument :
BNA_N
ClientSampleId :
PB141310BL

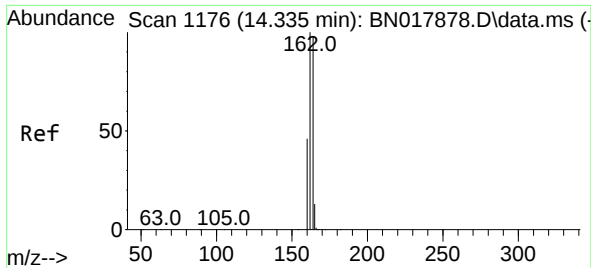
Tgt Ion: 82 Resp: 14924
Ion Ratio Lower Upper
82 100
128 35.6 32.2 48.4
54 49.7 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.107 min Scan# 942
Delta R.T. 0.018 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

Tgt Ion: 152 Resp: 38927
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6

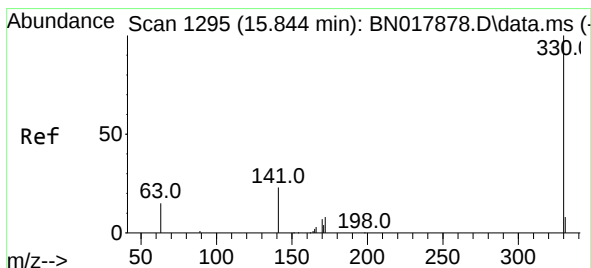
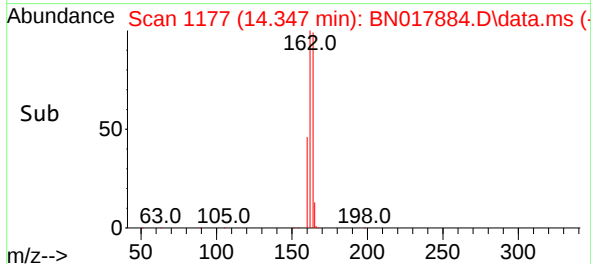
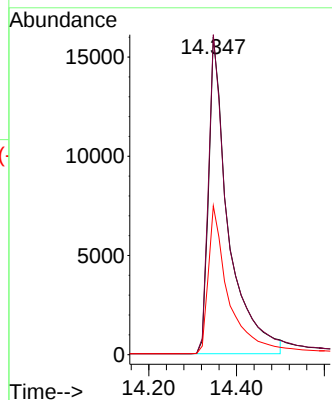
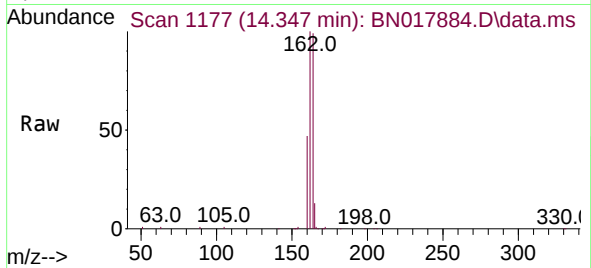




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.347 min Scan# 1177
 Delta R.T. 0.012 min
 Lab File: BN017884.D
 Acq: 10 Dec 2021 23:41

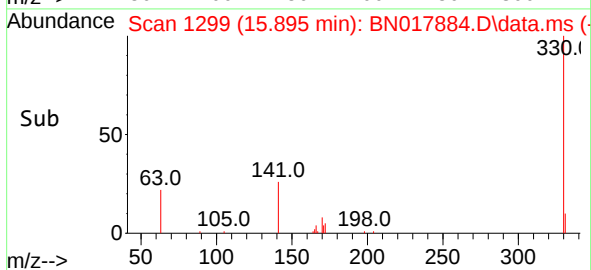
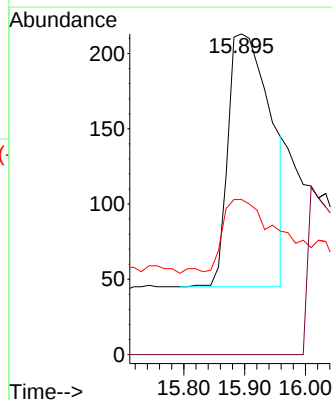
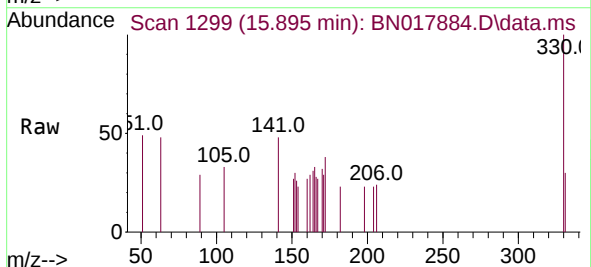
Instrument :
 BNA_N
 ClientSampleId :
 PB141310BL

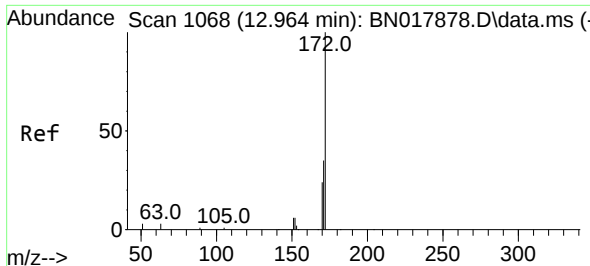
Tgt Ion:164 Resp: 49933
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.1 123.1
 160 46.8 38.2 57.2



#14
 2,4,6-Tribromophenol
 Concen: 0.363 ng
 RT: 15.895 min Scan# 1299
 Delta R.T. 0.051 min
 Lab File: BN017884.D
 Acq: 10 Dec 2021 23:41

Tgt Ion:330 Resp: 820
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 31.7 19.7 29.5#

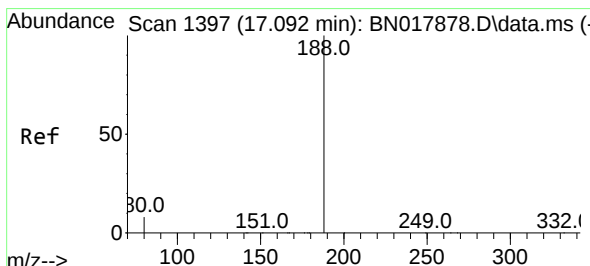
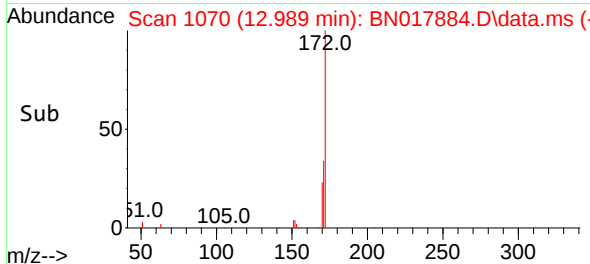
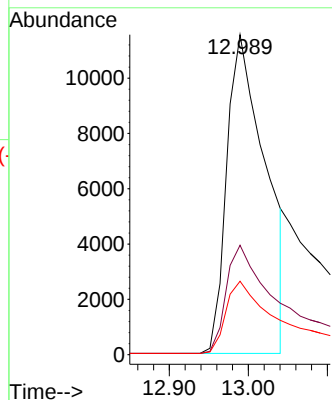
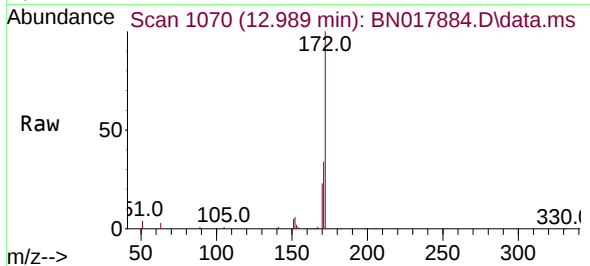




#15
2-Fluorobiphenyl
Concen: 0.224 ng
RT: 12.989 min Scan# 1068
Delta R.T. 0.025 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

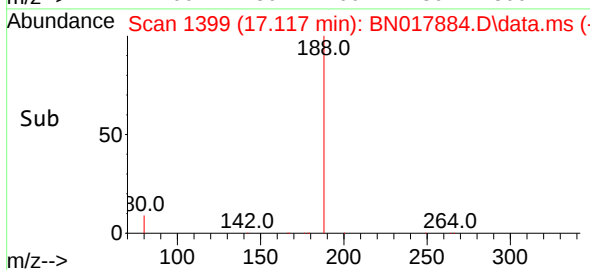
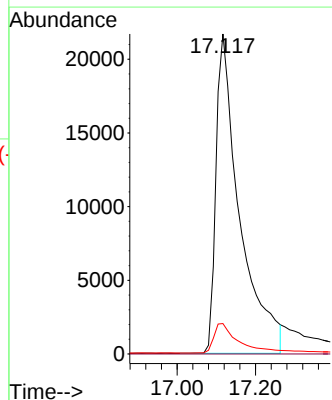
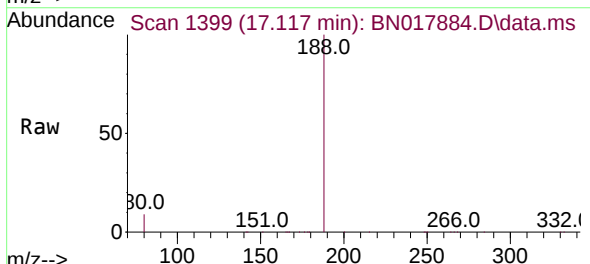
Instrument :
BNA_N
ClientSampleId :
PB141310BL

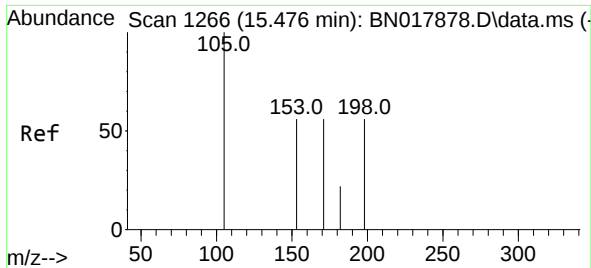
Tgt Ion:172 Resp: 39347
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 22.9 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1399
Delta R.T. 0.024 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

Tgt Ion:188 Resp: 90552
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 6.2 9.2#

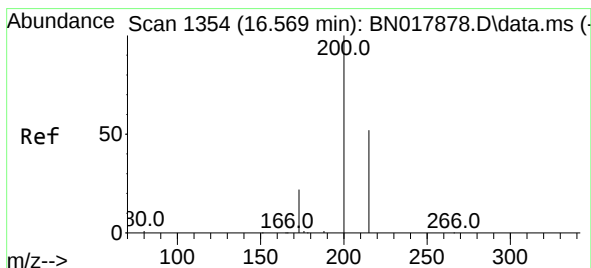
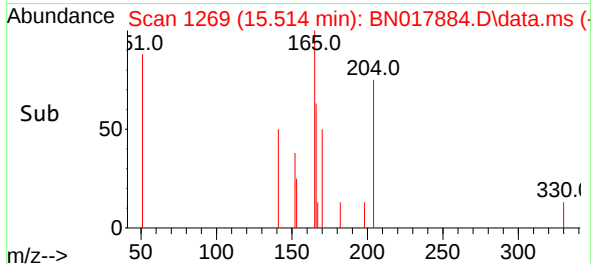
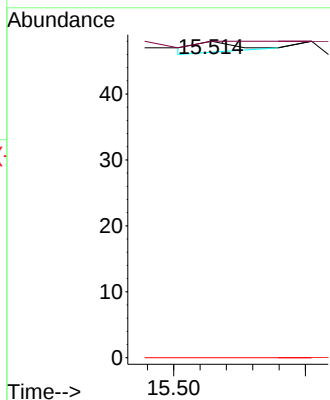
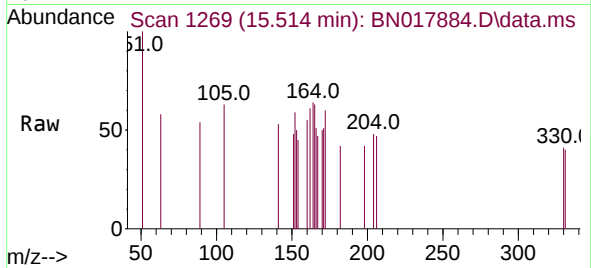




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.514 min Scan# 11
Delta R.T. 0.038 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

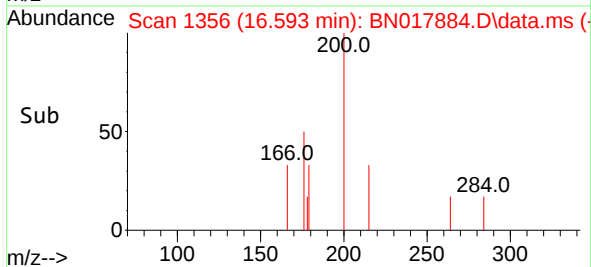
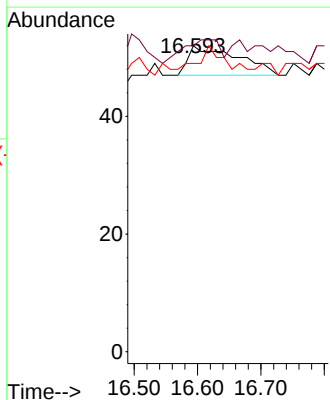
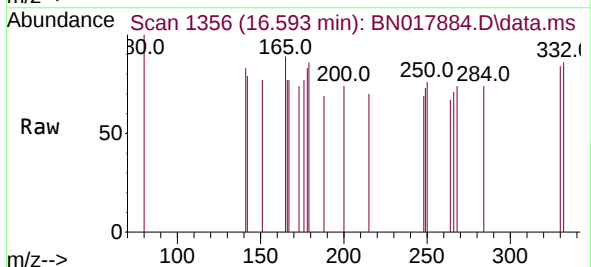
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BNA_N
ClientSampleId :
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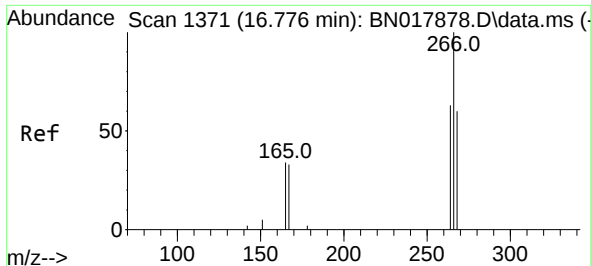
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 100.0 70.8 106.2
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.092 ng
RT: 16.593 min Scan# 1356
Delta R.T. 0.024 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

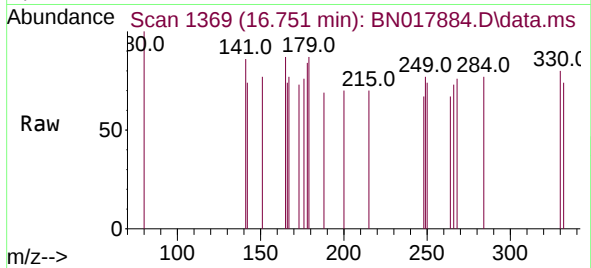
Tgt Ion:200 Resp: 27
Ion Ratio Lower Upper
200 100
173 100.0 18.2 27.2#
215 94.2 41.8 62.8#



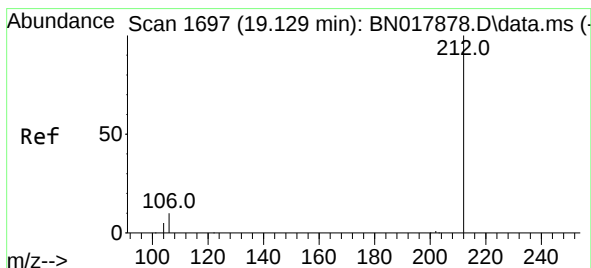
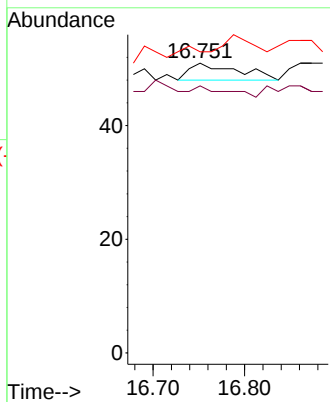
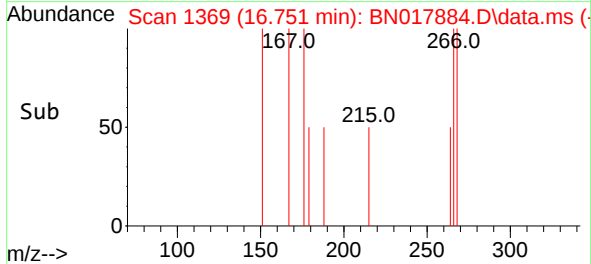


#24
 Pentachlorophenol
 Concen: 0.090 ng
 RT: 16.751 min Scan# 1369
 Delta R.T. -0.025 min
 Lab File: BN017884.D
 Acq: 10 Dec 2021 23:41

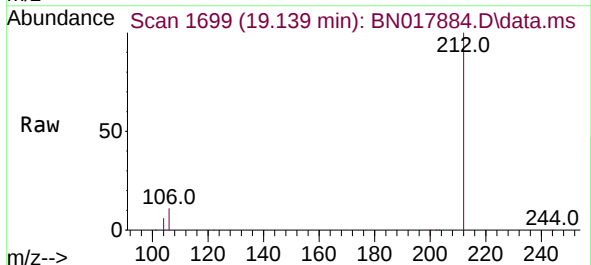
Instrument :
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 ClientSampleId :
 PB141310BL



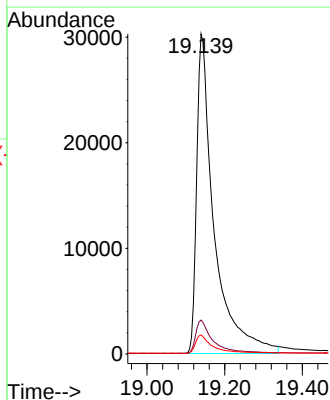
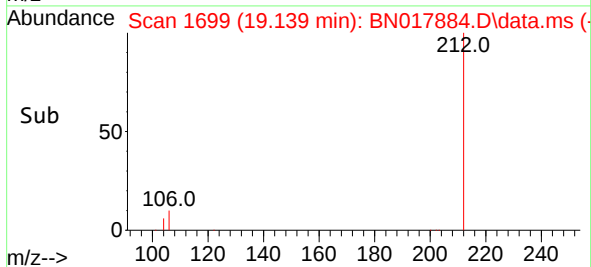
Tgt Ion:266 Resp: 11
 Ion Ratio Lower Upper
 266 100
 264 36.4 50.6 76.0#
 268 9.1 53.7 80.5#

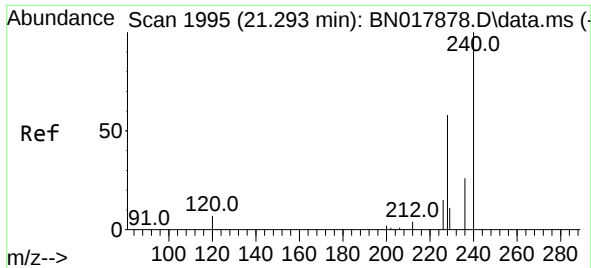


#27
 Fluoranthene-d10
 Concen: 0.322 ng
 RT: 19.139 min Scan# 1699
 Delta R.T. 0.010 min
 Lab File: BN017884.D
 Acq: 10 Dec 2021 23:41



Tgt Ion:212 Resp: 94611
 Ion Ratio Lower Upper
 212 100
 106 10.4 8.3 12.5
 104 5.8 4.6 6.8

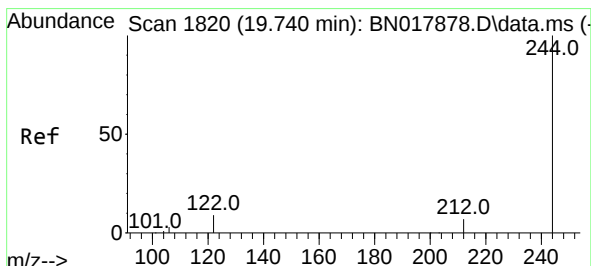
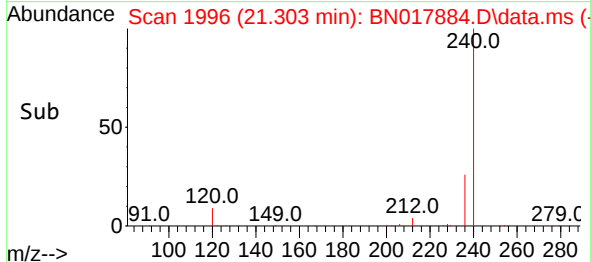
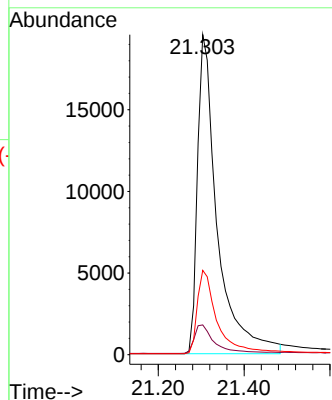
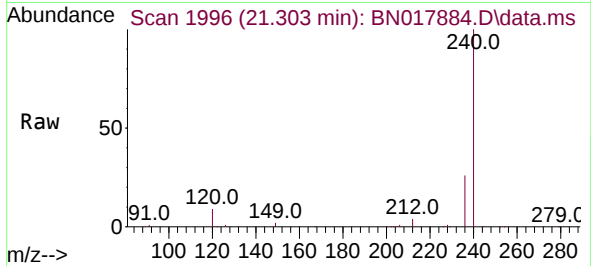




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 1996
Delta R.T. 0.010 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

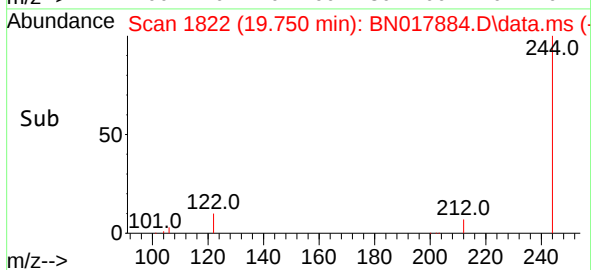
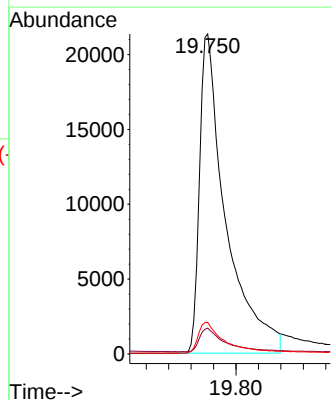
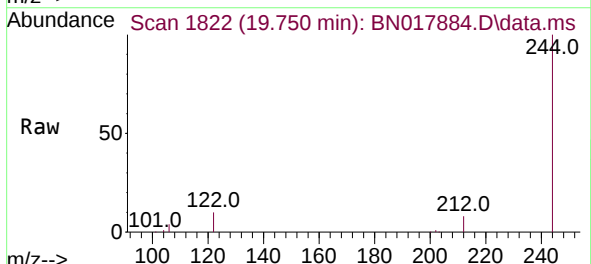
Instrument :
BNA_N
ClientSampleId :
PB141310BL

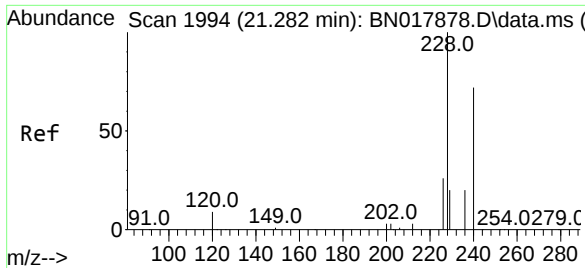
Tgt Ion:240 Resp: 62591
Ion Ratio Lower Upper
240 100
120 9.3 5.8 8.8#
236 26.3 21.0 31.6



#31
Terphenyl-d14
Concen: 0.448 ng
RT: 19.750 min Scan# 1822
Delta R.T. 0.010 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

Tgt Ion:244 Resp: 69147
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 9.8 7.5 11.3

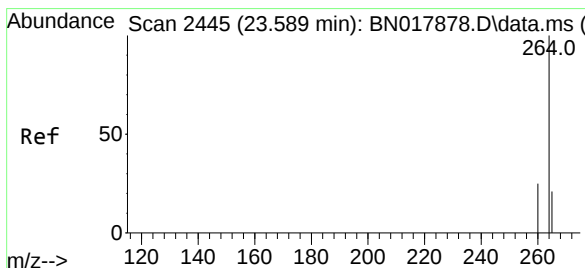
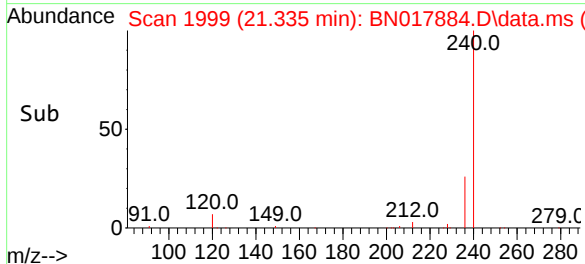
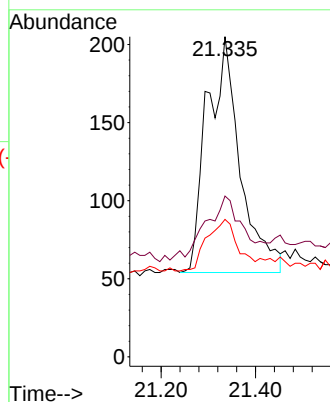
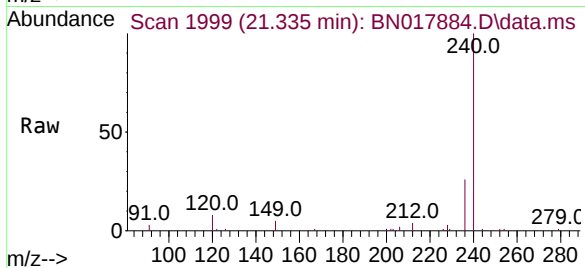




#32
Benzo(a)anthracene
Concen: 0.054 ng
RT: 21.335 min Scan# 1999
Delta R.T. 0.053 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

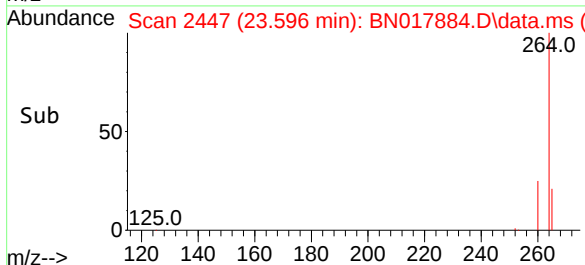
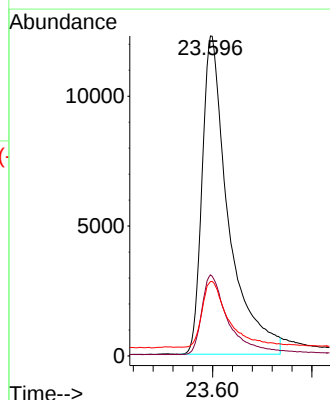
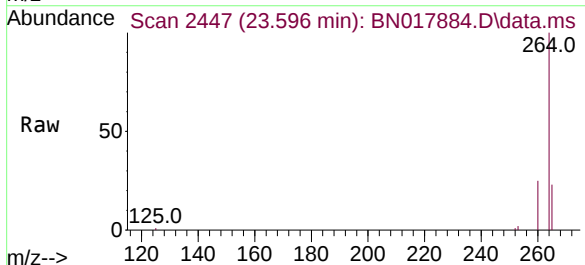
Instrument :
BNA_N
ClientSampleId :
PB141310BL

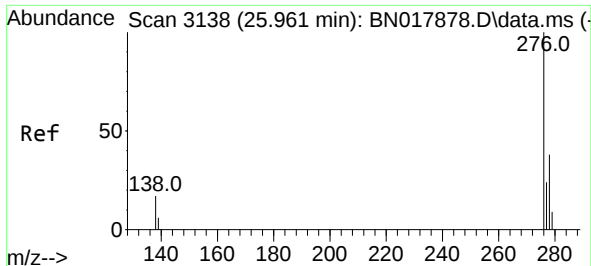
Tgt Ion:228 Resp: 737
Ion Ratio Lower Upper
228 100
226 50.2 21.0 31.4#
229 42.9 15.8 23.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.596 min Scan# 2447
Delta R.T. 0.007 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

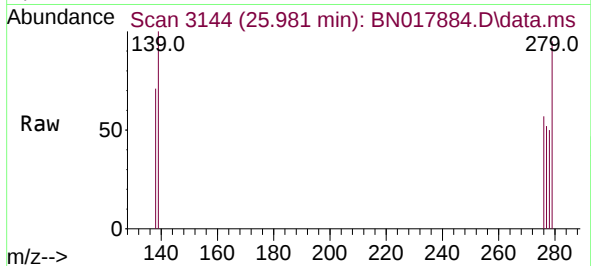
Tgt Ion:264 Resp: 45119
Ion Ratio Lower Upper
264 100
260 25.4 20.2 30.4
265 23.2 18.2 27.4



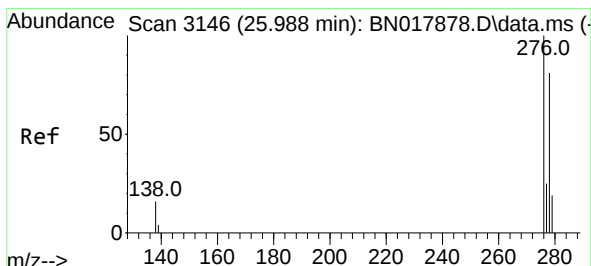
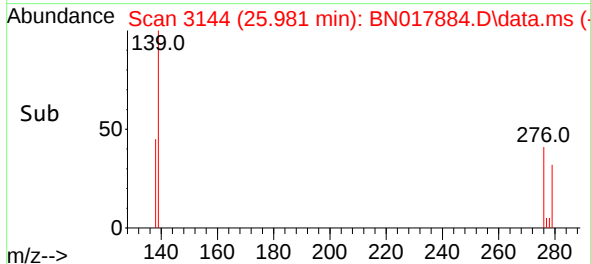
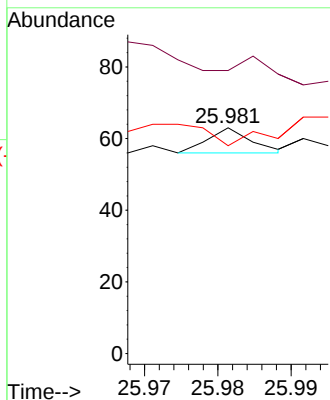


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.981 min Scan# 3138
Delta R.T. 0.020 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

Instrument :
BNA_N
ClientSampleId :
PB141310BL



Tgt Ion:276 Resp: 3
Ion Ratio Lower Upper
276 100
138 0.0 15.2 22.8#
277 166.7 19.8 29.6#



#40
Dibenzo(a,h)anthracene
Concen: 0.101 ng
RT: 25.995 min Scan# 3148
Delta R.T. 0.007 min
Lab File: BN017884.D
Acq: 10 Dec 2021 23:41

Tgt Ion:278 Resp: 4
Ion Ratio Lower Upper
278 100
139 168.3 12.0 18.0#
279 171.7 20.8 31.2#

