

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017860.D
 Acq On : 10 Dec 2021 08:19
 Operator : CG/JU
 Sample : M4923-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20211201

Quant Time: Dec 11 00:34:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

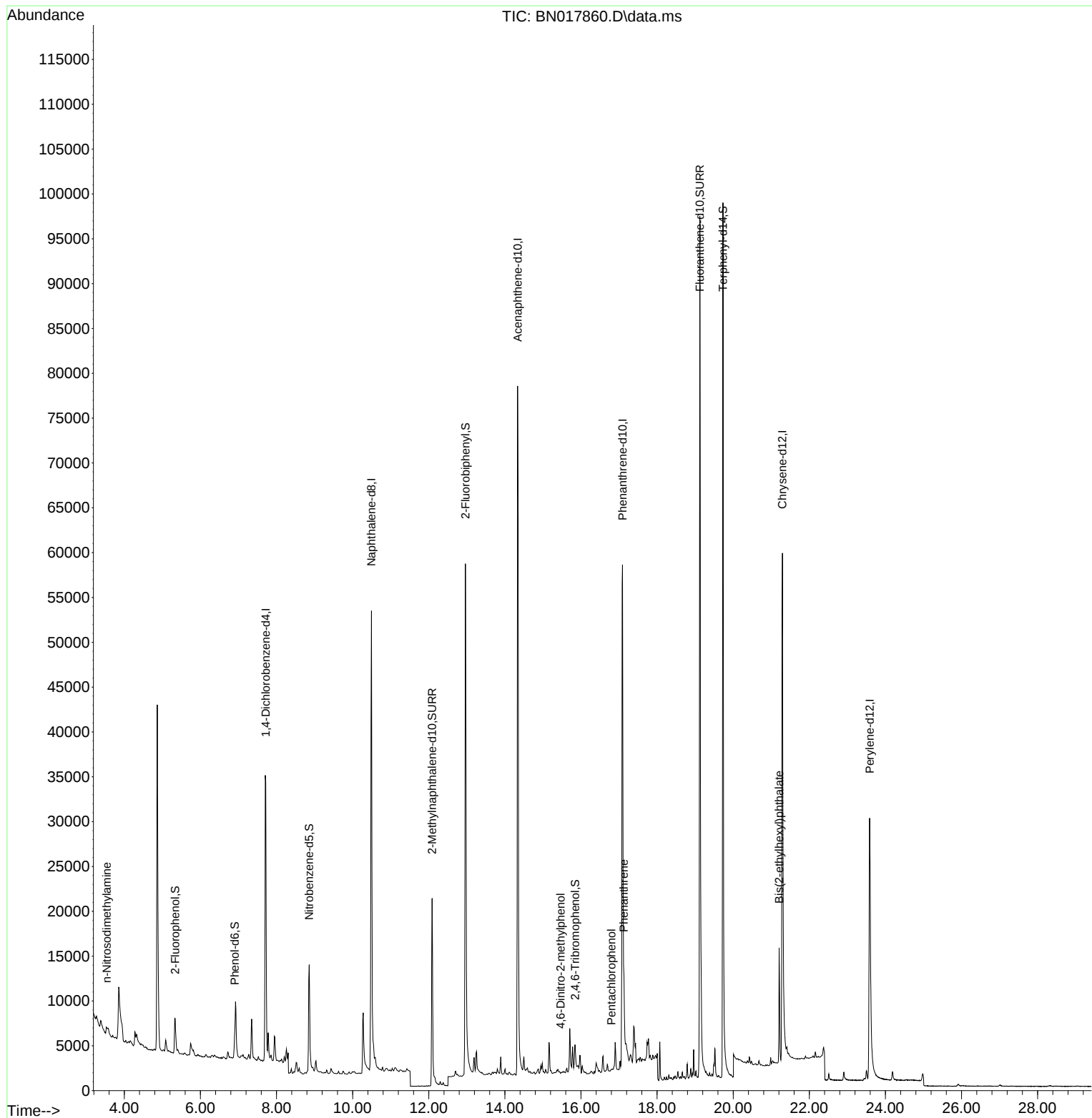
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19924	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	80407	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	53818	0.400	ng	-0.01
19) Phenanthrene-d10	17.093	188	113288	0.400	ng	0.00
29) Chrysene-d12	21.293	240	86834	0.400	ng	# 0.01
35) Perylene-d12	23.586	264	59578	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	4812	0.100	ng	0.00
5) Phenol-d6	6.903	99	2740	0.060	ng	0.00
8) Nitrobenzene-d5	8.859	82	14059	0.263	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	35931	0.224	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3850	0.137	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	58692	0.298	ng	0.00
27) Fluoranthene-d10	19.124	212	133944	0.354	ng	0.00
31) Terphenyl-d14	19.730	244	126846	0.680	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.538	42	646	0.031	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.464	198	4	0.084	ng	# 10
24) Pentachlorophenol	16.800	266	15	0.280	ng	# 18
25) Phenanthrene	17.129	178	7646	0.026	ng	97
34) Bis(2-ethylhexyl)phtha...	21.208	149	12308	0.102	ng	100

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

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Instrument :
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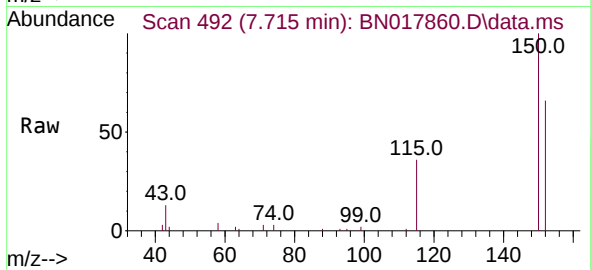
Quant Time: Dec 11 00:34:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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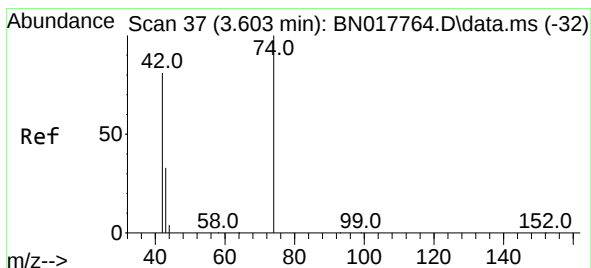
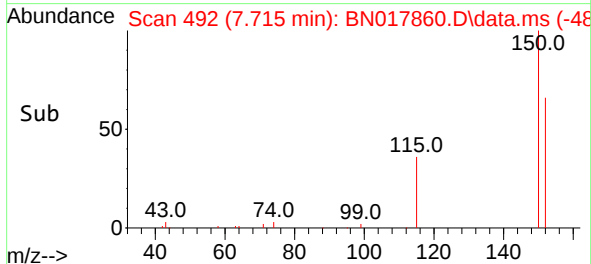
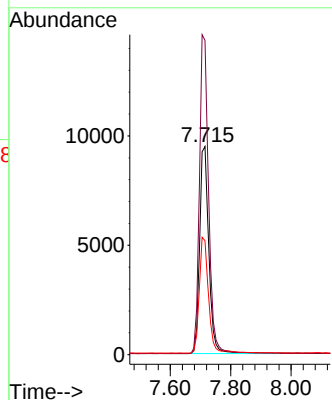


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017860.D
Acq: 10 Dec 2021 08:19

Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20211201

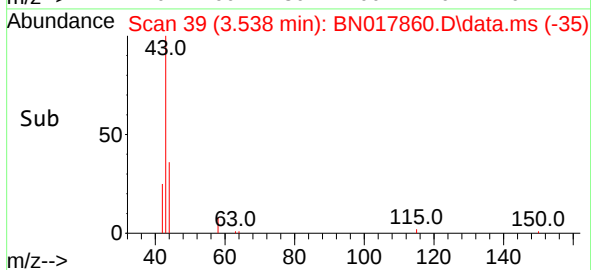
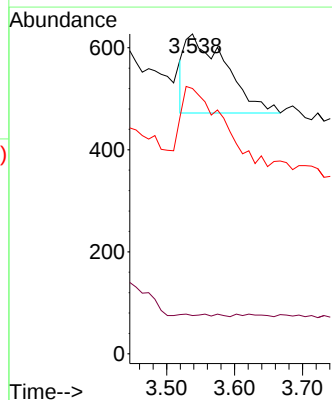
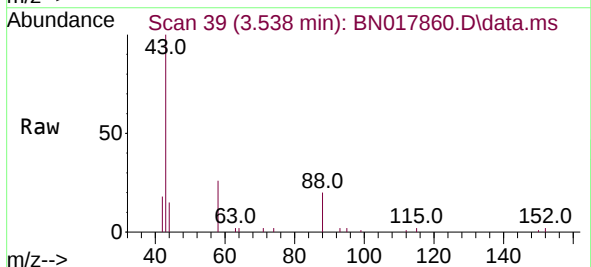


Tgt Ion:152 Resp: 19924
Ion Ratio Lower Upper
152 100
150 151.0 123.0 184.4
115 54.7 45.3 67.9



#3
n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 3.538 min Scan# 39
Delta R.T. -0.065 min
Lab File: BN017860.D
Acq: 10 Dec 2021 08:19

Tgt Ion: 42 Resp: 646
Ion Ratio Lower Upper
42 100
74 0.0 101.3 151.9#
44 92.4 5.0 7.4#

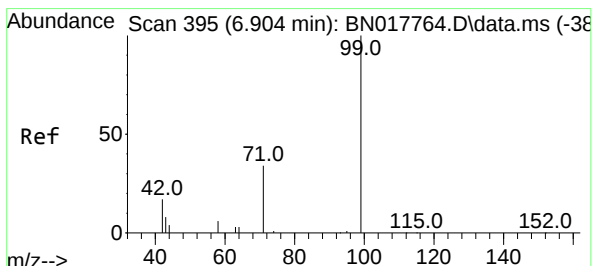
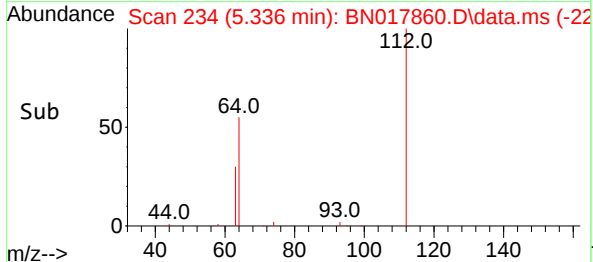
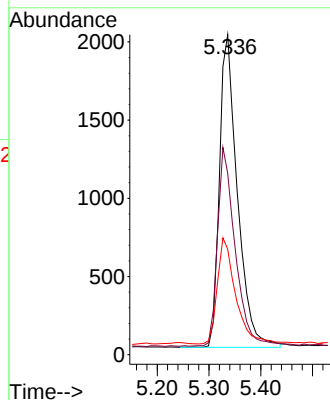
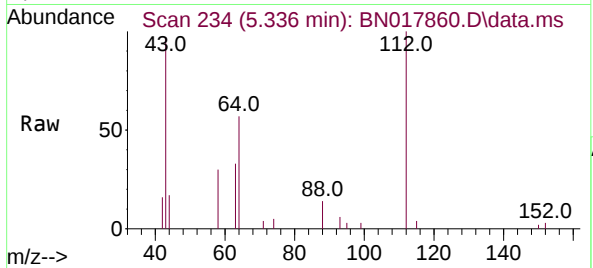




#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017860.D
Acq: 10 Dec 2021 08:19

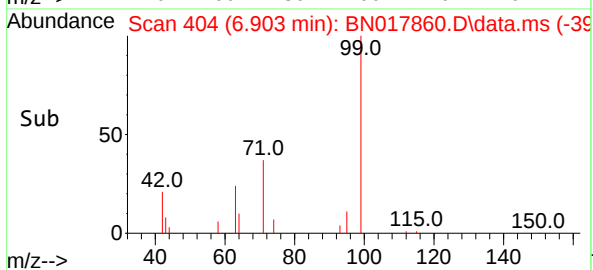
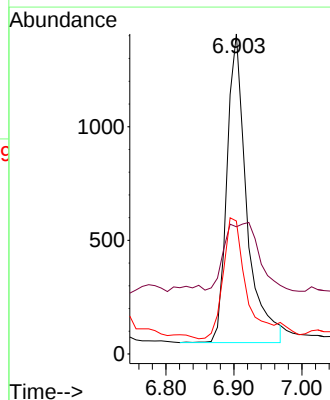
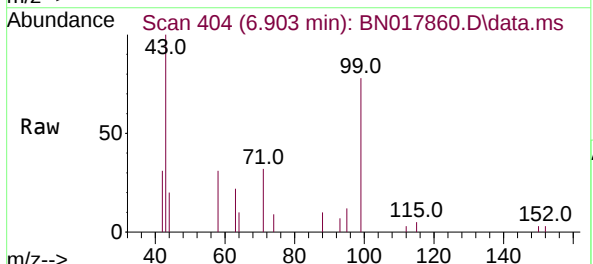
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20211201

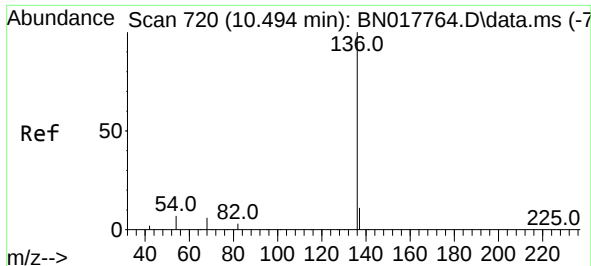
Tgt Ion:112 Resp: 4812
Ion Ratio Lower Upper
112 100
64 62.3 49.3 73.9
63 34.6 25.8 38.8



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017860.D
Acq: 10 Dec 2021 08:19

Tgt Ion: 99 Resp: 2740
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 45.3 29.0 43.4#

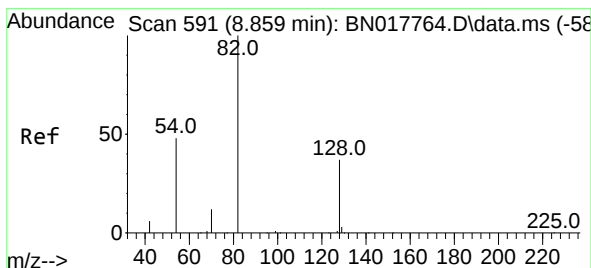
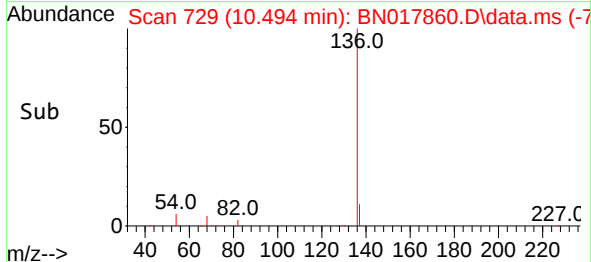
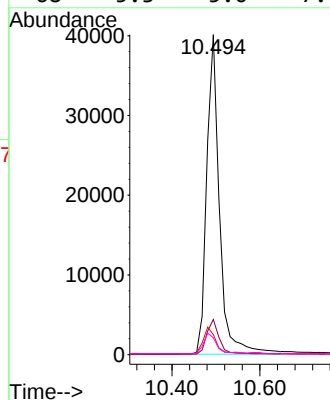
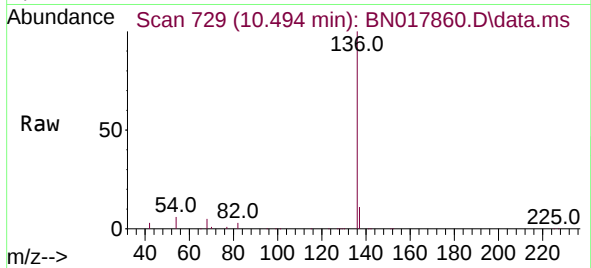




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017860.D
Acq: 10 Dec 2021 08:19

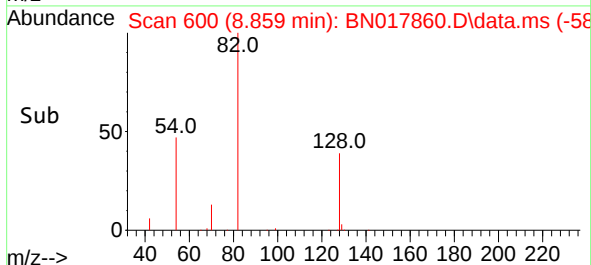
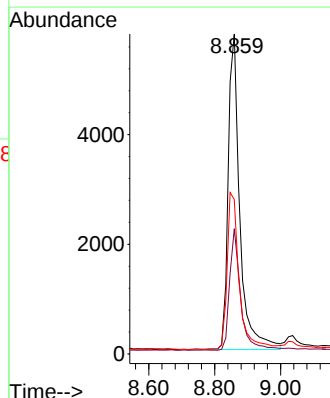
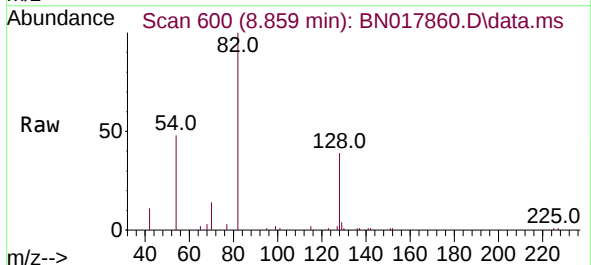
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20211201

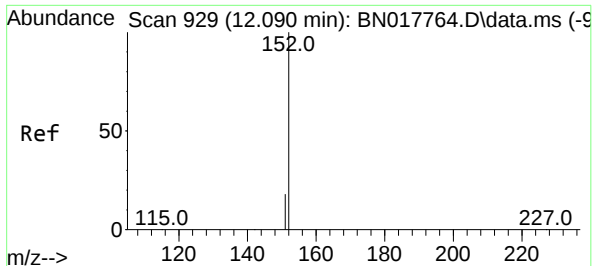
Tgt Ion:136	Resp:	80407
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	6.3	5.9 8.9
68	5.3	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017860.D
Acq: 10 Dec 2021 08:19

Tgt Ion: 82	Resp:	14059
Ion Ratio	Lower	Upper
82	100	
128	39.2	30.2 45.2
54	48.3	39.0 58.6





#11

2-Methylnaphthalene-d10

Concen: 0.224 ng

RT: 12.085 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017860.D

Acq: 10 Dec 2021 08:19

Instrument :

BNA_N

ClientSampleId :

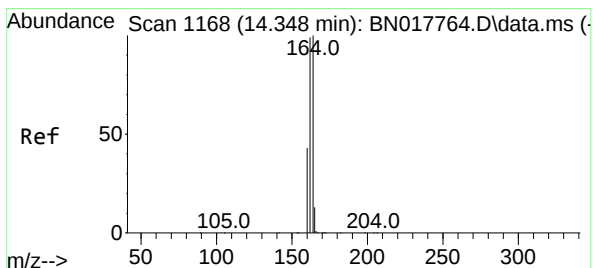
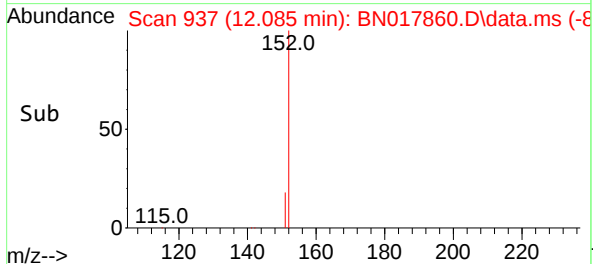
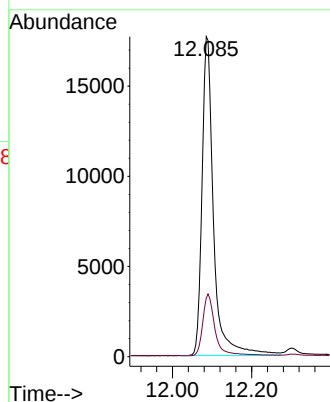
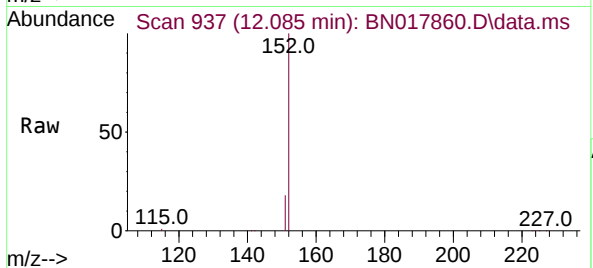
BPOW1-7-20211201

Tgt Ion:152 Resp: 35931

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.335 min Scan# 1176

Delta R.T. -0.013 min

Lab File: BN017860.D

Acq: 10 Dec 2021 08:19

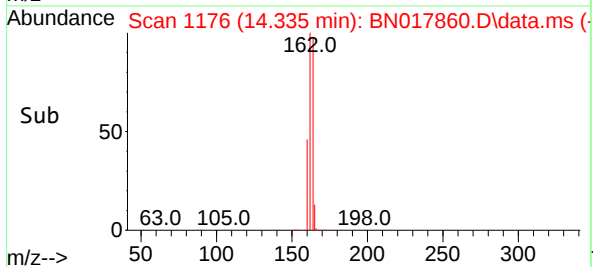
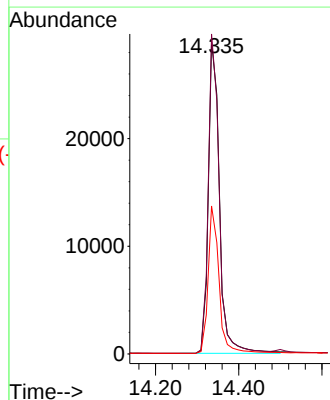
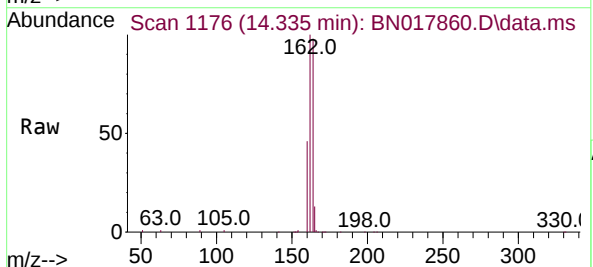
Tgt Ion:164 Resp: 53818

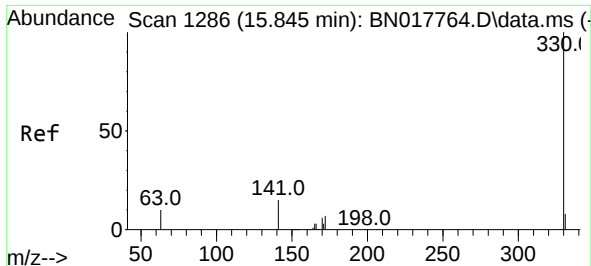
Ion Ratio Lower Upper

164 100

162 102.5 79.0 118.6

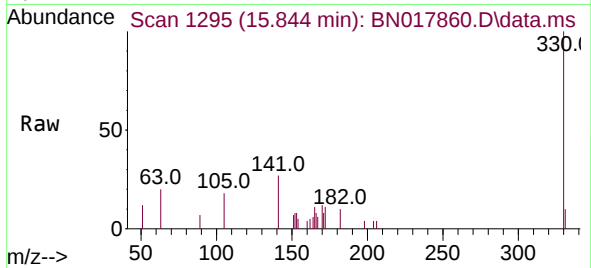
160 47.4 34.6 52.0



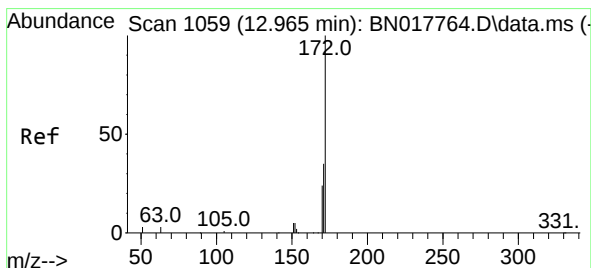
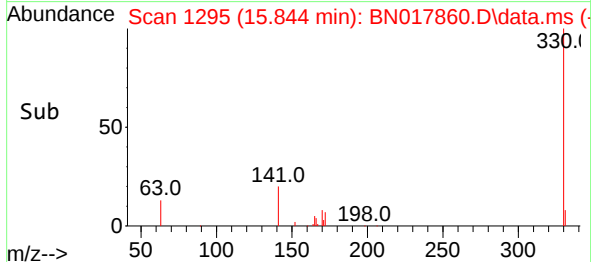
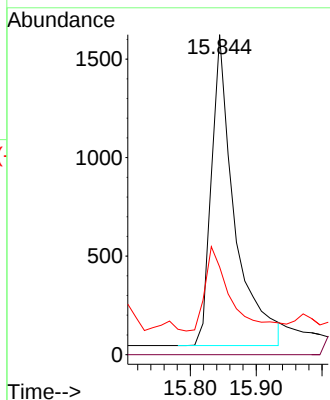


#14
2,4,6-Tribromophenol
Concen: 0.137 ng
RT: 15.844 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017860.D
Acq: 10 Dec 2021 08:19

Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20211201

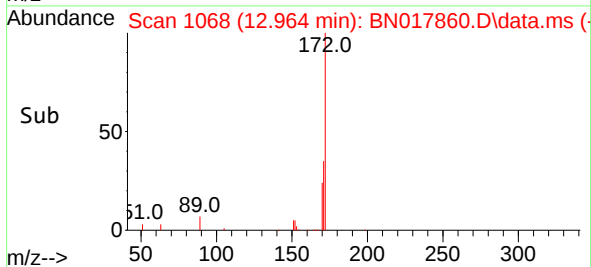
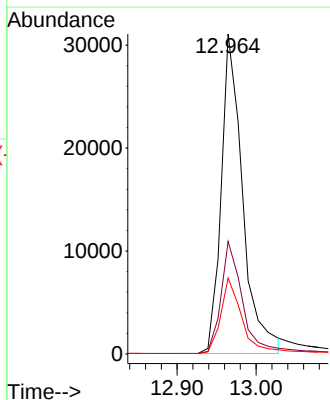
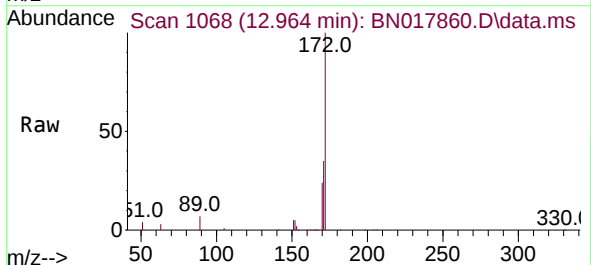


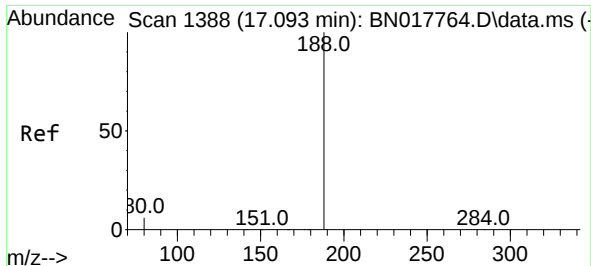
Tgt Ion: 330 Resp: 3850
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.2 21.5 32.3



#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017860.D
Acq: 10 Dec 2021 08:19

Tgt Ion: 172 Resp: 58692
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.8 18.9 28.3

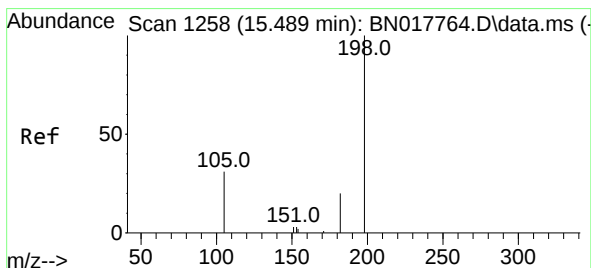
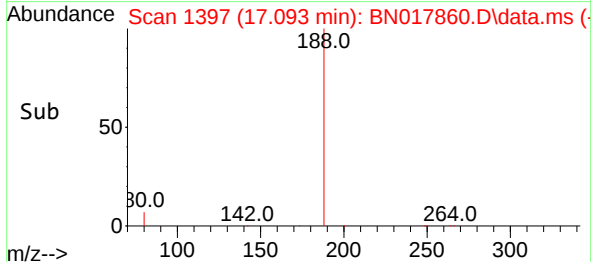
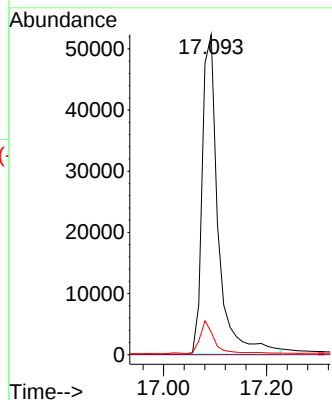
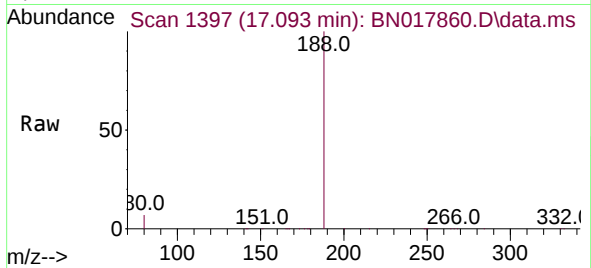




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017860.D
Acq: 10 Dec 2021 08:19

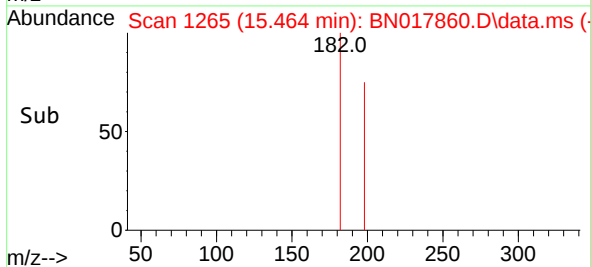
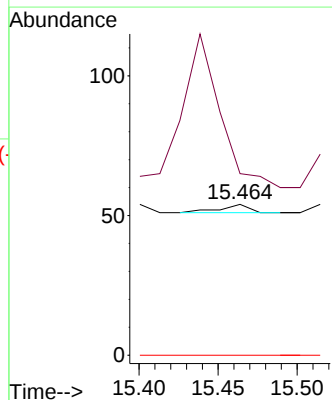
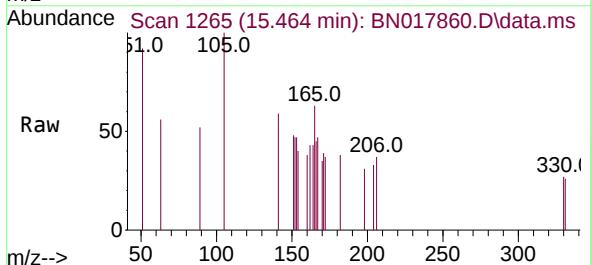
Instrument :
BNA_N
ClientSampleId :
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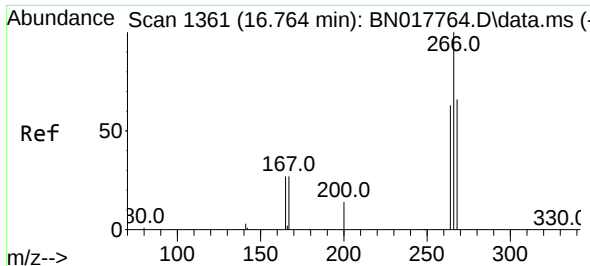
Tgt Ion:188 Resp: 113288
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 5.1 7.7



#20
4,6-Dinitro-2-methylphenol
Concen: 0.084 ng
RT: 15.464 min Scan# 1265
Delta R.T. -0.025 min
Lab File: BN017860.D
Acq: 10 Dec 2021 08:19

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 120.4 44.2 66.2#
77 0.0 0.0 0.0

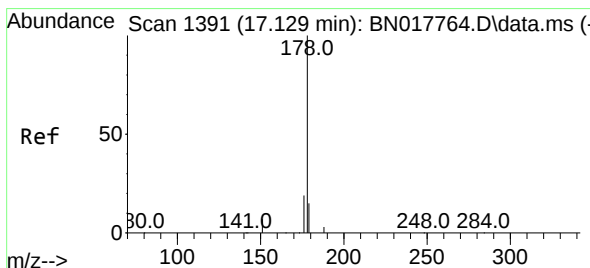
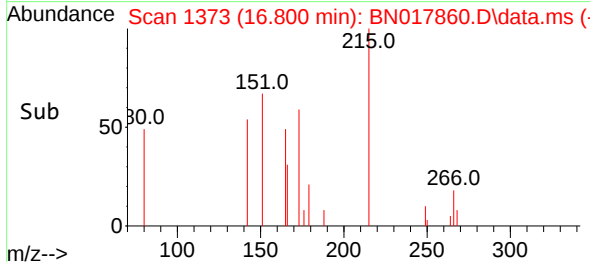
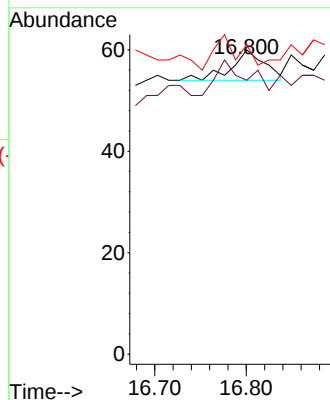
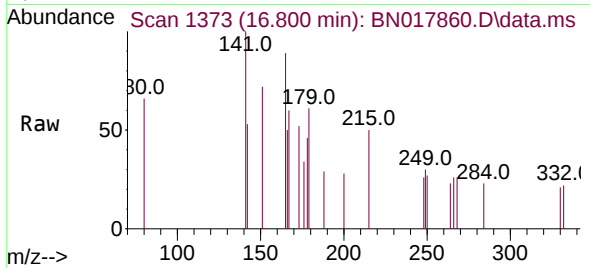




#24
 Pentachlorophenol
 Concen: 0.280 ng
 RT: 16.800 min Scan# 1400
 Delta R.T. 0.036 min
 Lab File: BN017860.D
 Acq: 10 Dec 2021 08:19

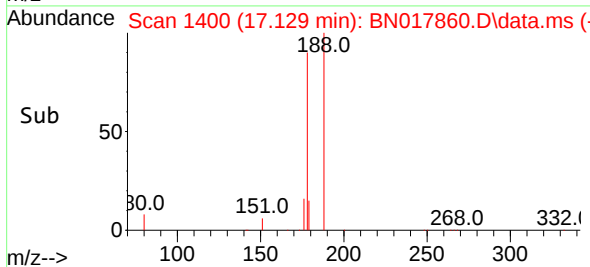
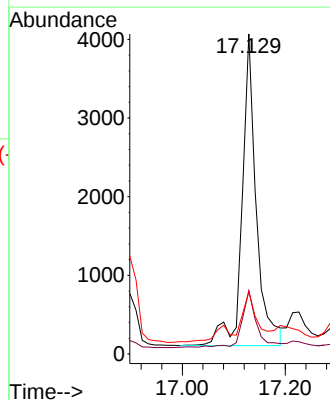
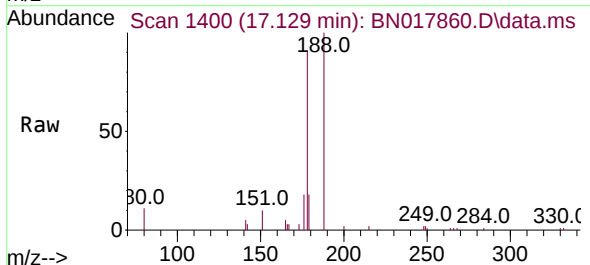
Instrument :
 BNA_N
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 BPOW1-7-20211201

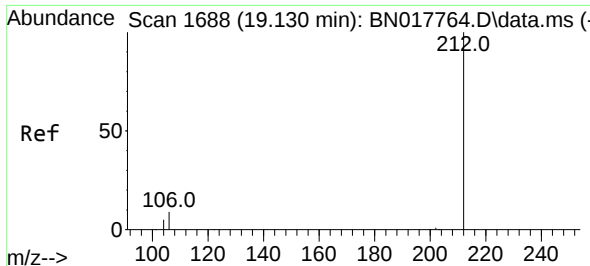
Tgt Ion:266 Resp: 15
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.8 76.2#
 268 0.0 51.8 77.6#



#25
 Phenanthrene
 Concen: 0.026 ng
 RT: 17.129 min Scan# 1400
 Delta R.T. -0.000 min
 Lab File: BN017860.D
 Acq: 10 Dec 2021 08:19

Tgt Ion:178 Resp: 7646
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.0 22.6
 179 13.3 12.5 18.7

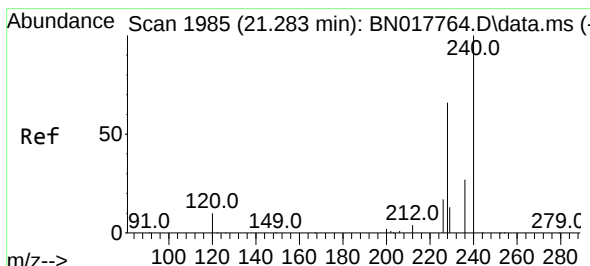
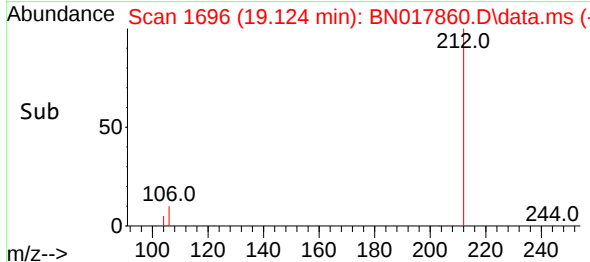
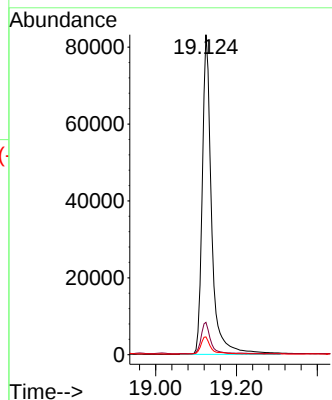
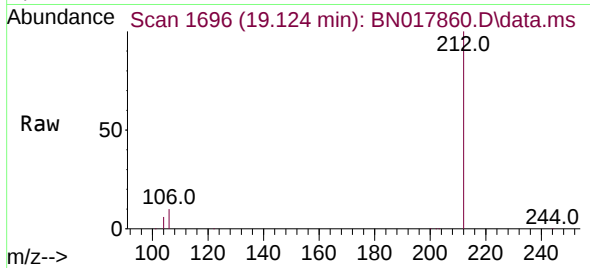




#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017860.D
Acq: 10 Dec 2021 08:19

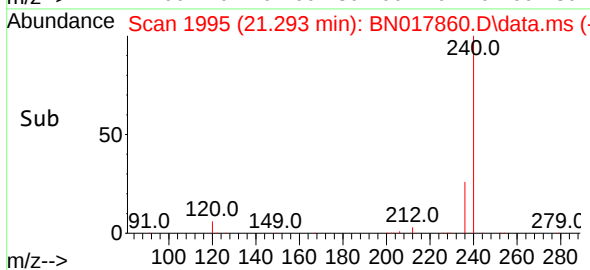
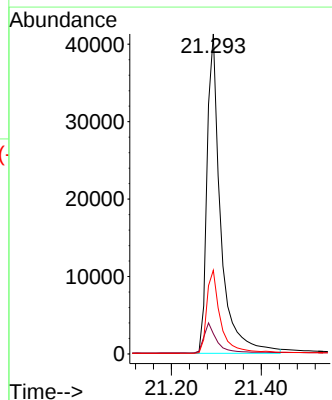
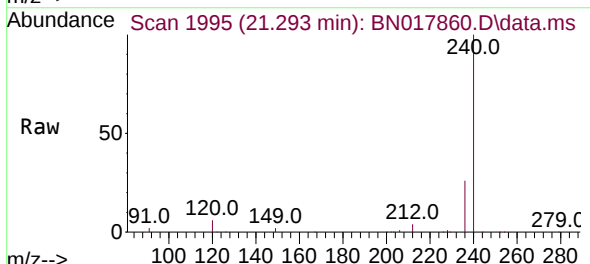
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20211201

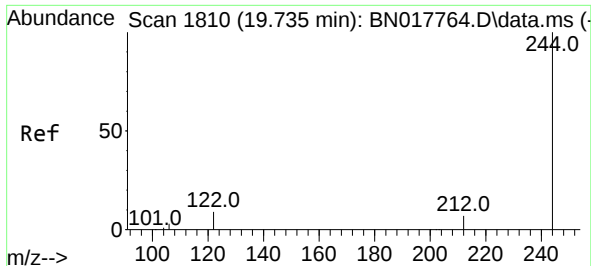
Tgt Ion:212 Resp: 133944
Ion Ratio Lower Upper
212 100
106 9.7 8.2 12.2
104 5.8 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017860.D
Acq: 10 Dec 2021 08:19

Tgt Ion:240 Resp: 86834
Ion Ratio Lower Upper
240 100
120 6.4 7.9 11.9#
236 26.2 21.4 32.2

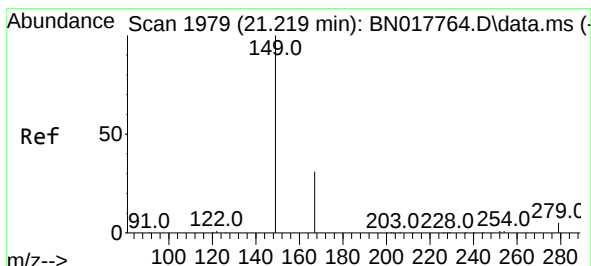
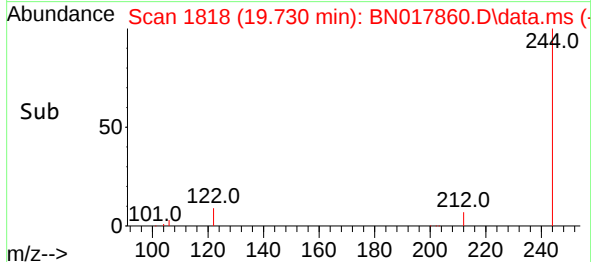
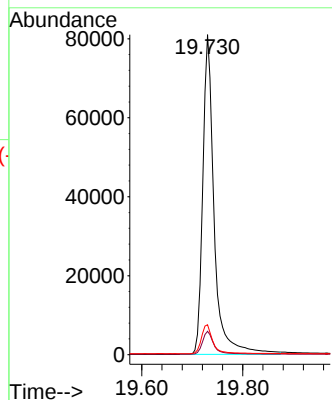
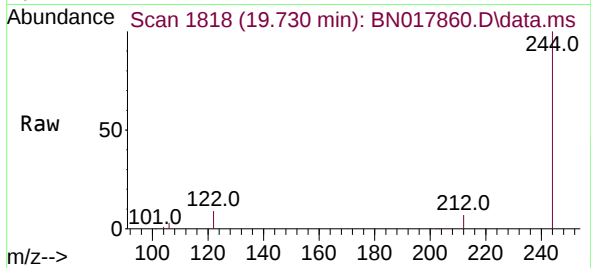




#31
 Terphenyl-d14
 Concen: 0.680 ng
 RT: 19.730 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BN017860.D
 Acq: 10 Dec 2021 08:19

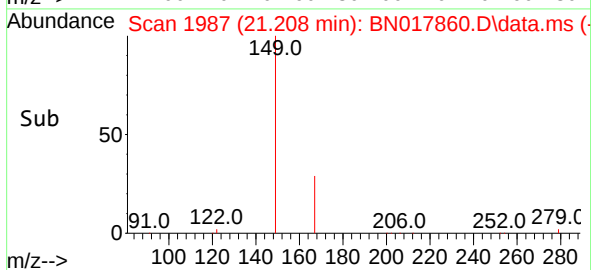
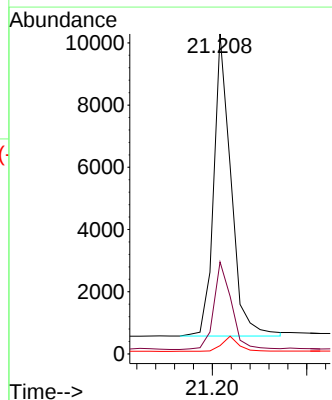
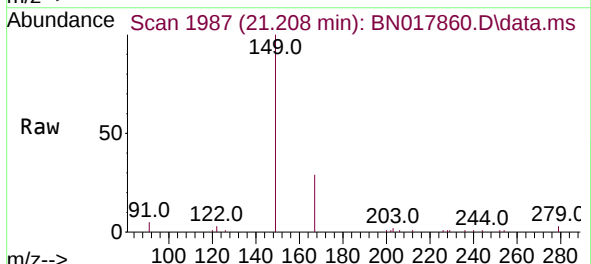
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20211201

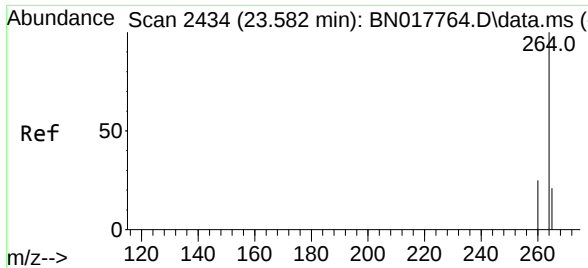
Tgt Ion:244 Resp: 126846
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.3 7.1 10.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.011 min
 Lab File: BN017860.D
 Acq: 10 Dec 2021 08:19

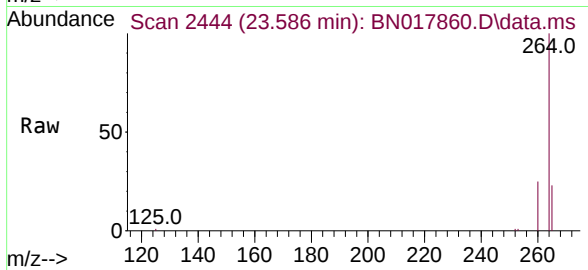
Tgt Ion:149 Resp: 12308
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.5 35.3
 279 5.0 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: BN017860.D
 Acq: 10 Dec 2021 08:19

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20211201



Tgt Ion:264 Resp: 59578

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	23.4	20.5	30.7

