

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018286.D
 Acq On : 30 Dec 2021 07:25
 Operator : CG/JU
 Sample : M5212-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 30 16:04:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

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

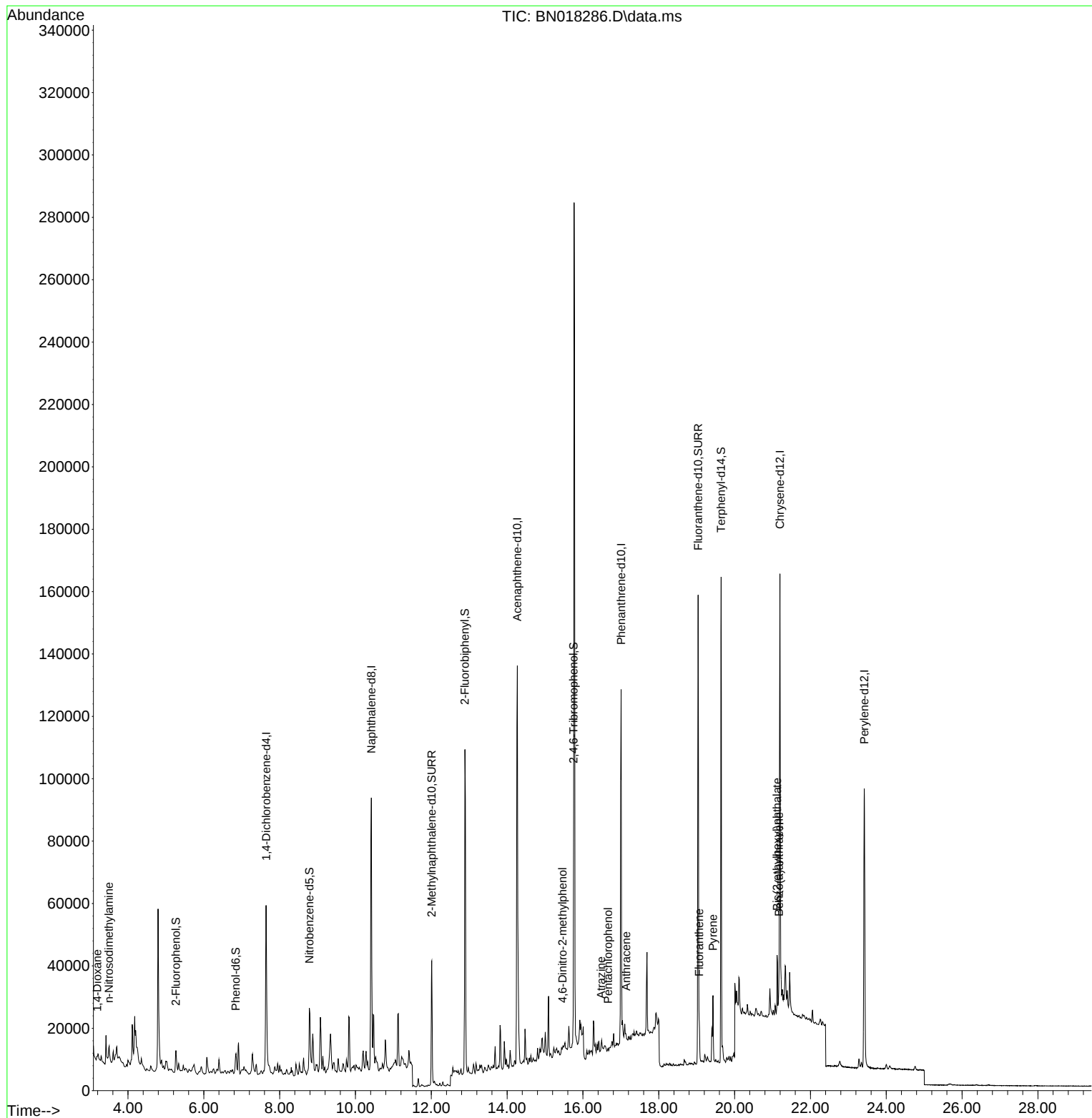
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	32098	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	126565	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	82431	0.400	ng	0.00
19) Phenanthrene-d10	17.006	188	162439	0.400	ng	# 0.00
29) Chrysene-d12	21.196	240	141391	0.400	ng	0.00
35) Perylene-d12	23.420	264	122763	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	8576	0.133	ng	0.02
5) Phenol-d6	6.840	99	4364	0.070	ng	0.00
8) Nitrobenzene-d5	8.785	82	23463	0.387	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	59590	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	16035	0.669	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	101499	0.325	ng	-0.01
27) Fluoranthene-d10	19.038	212	181216	0.351	ng	0.00
31) Terphenyl-d14	19.644	244	159410	0.444	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.189	88	548	0.030	ng	# 44
3) n-Nitrosodimethylamine	3.493	42	887	0.034	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.462	198	183	0.258	ng	# 1
23) Atrazine	16.482	200	843	0.145	ng	# 1
24) Pentachlorophenol	16.665	266	354	0.201	ng	# 84
26) Anthracene	17.139	178	2892	0.050	ng	# 61
28) Fluoranthene	19.068	202	10304	0.021	ng	96
30) Pyrene	19.430	202	19580	0.035	ng	96
32) Benzo(a)anthracene	21.174	228	1502	0.059	ng	# 9
34) Bis(2-ethylhexyl)phtha...	21.121	149	20616	0.117	ng	97

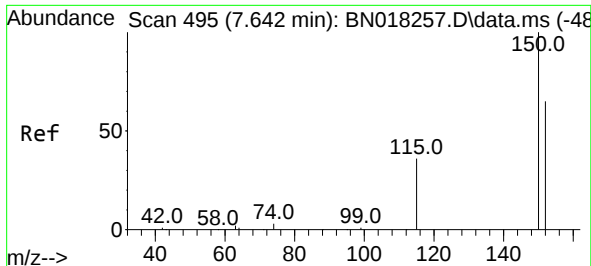
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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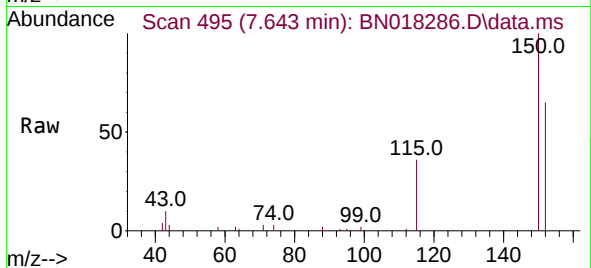
Quant Time: Dec 30 16:04:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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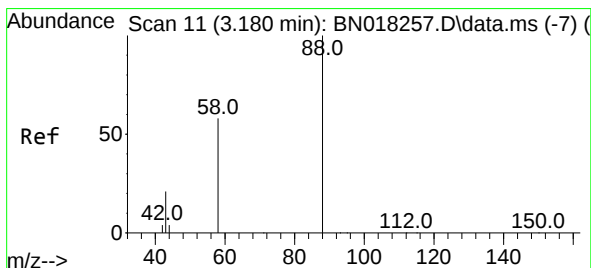
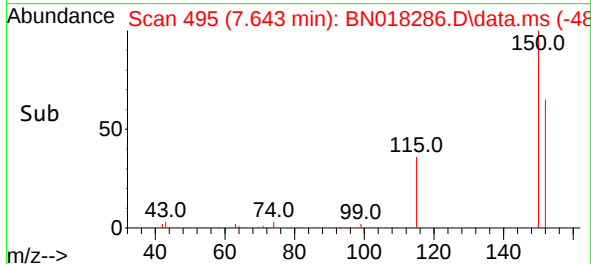
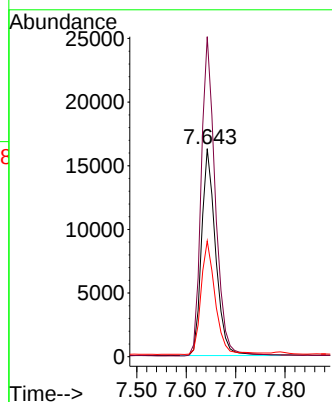


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.643 min Scan# 495
 Delta R.T. 0.001 min
 Lab File: BN018286.D
 Acq: 30 Dec 2021 07:25

Instrument :
 BNA_N
 ClientSampleId :

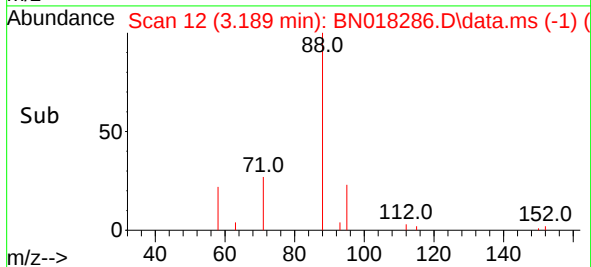
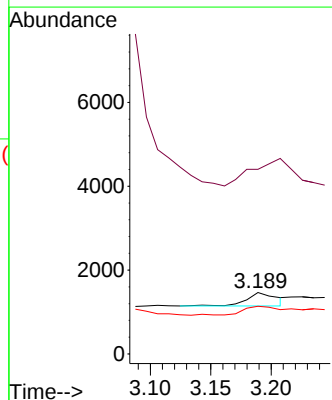
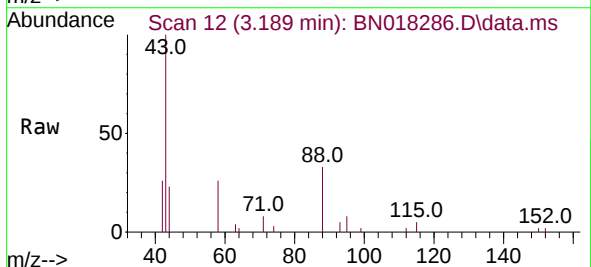


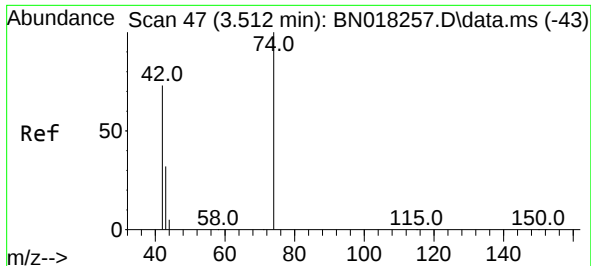
Tgt Ion:152 Resp: 32098
 Ion Ratio Lower Upper
 152 100
 150 153.9 121.7 182.5
 115 55.6 43.8 65.8



#2
 1,4-Dioxane
 Concen: 0.030 ng
 RT: 3.189 min Scan# 12
 Delta R.T. 0.009 min
 Lab File: BN018286.D
 Acq: 30 Dec 2021 07:25

Tgt Ion: 88 Resp: 548
 Ion Ratio Lower Upper
 88 100
 43 0.0 69.7 104.5#
 58 80.5 83.8 125.8#

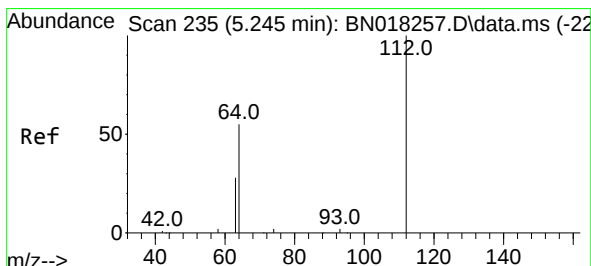
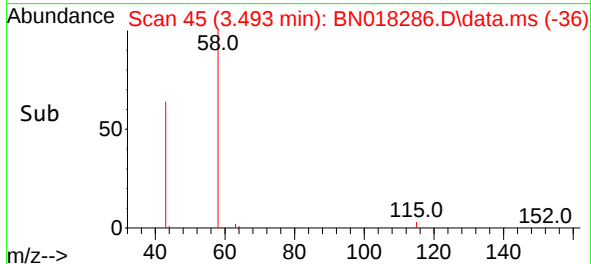
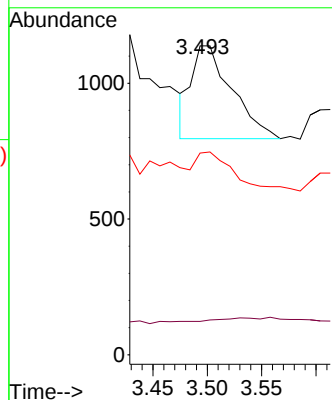
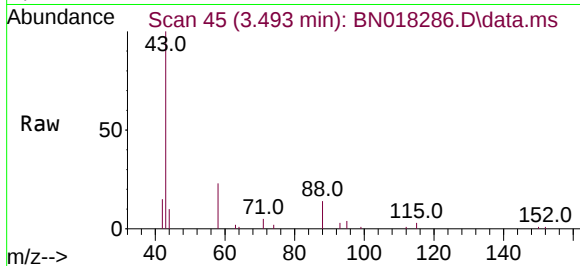




#3
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.493 min Scan# 41
Delta R.T. -0.018 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

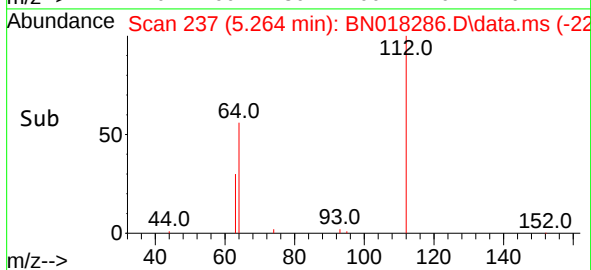
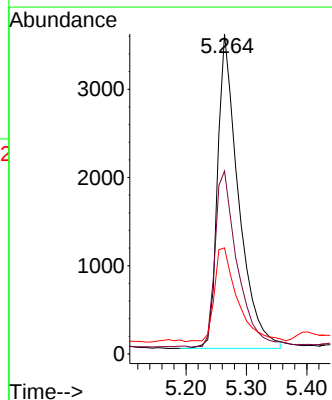
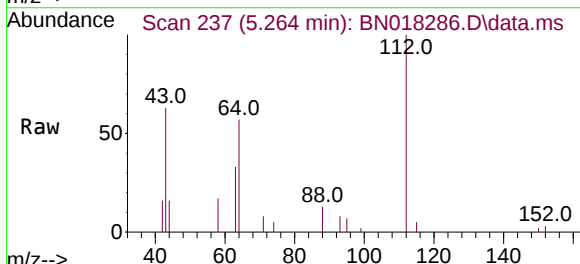
Instrument :
BNA_N
ClientSampleId :

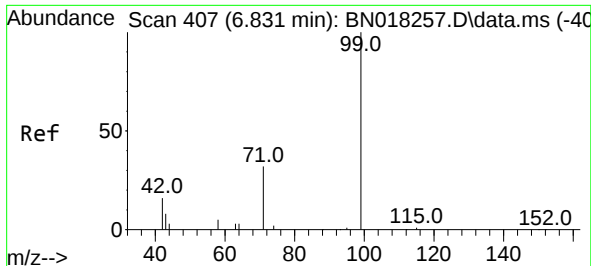
Tgt Ion: 42 Resp: 887
Ion Ratio Lower Upper
42 100
74 0.0 108.6 163.0#
44 38.3 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Tgt Ion: 112 Resp: 8576
Ion Ratio Lower Upper
112 100
64 59.0 48.0 72.0
63 31.4 25.3 37.9

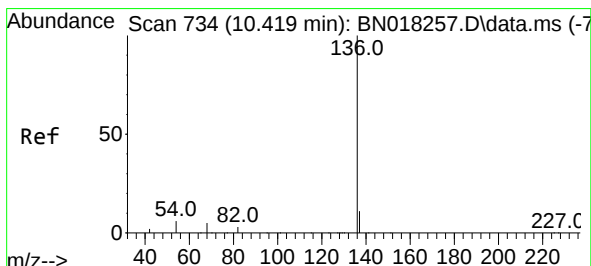
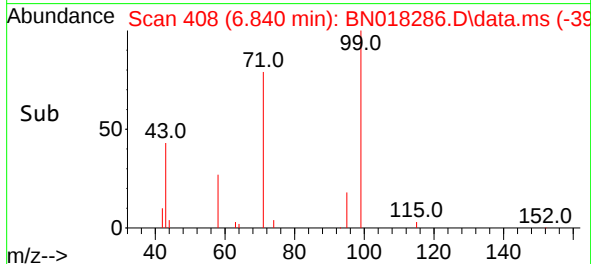
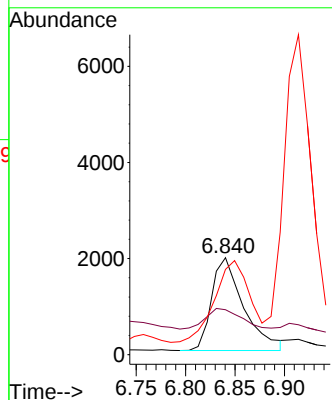
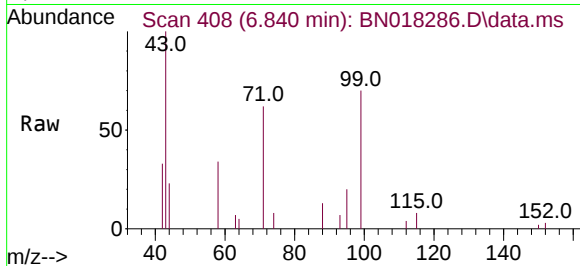




#5
Phenol-d6
Concen: 0.070 ng
RT: 6.840 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

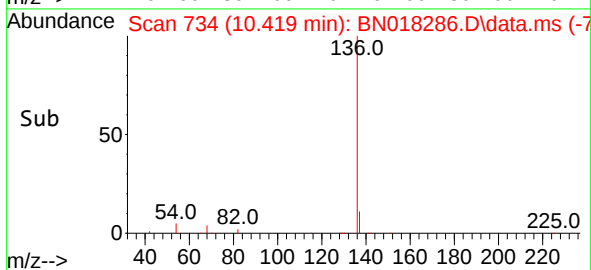
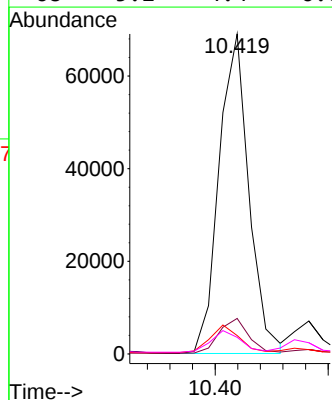
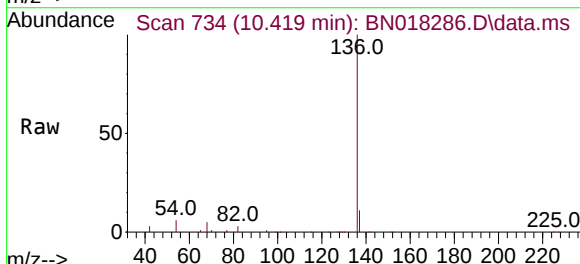
Instrument :
BNA_N
ClientSampleId :

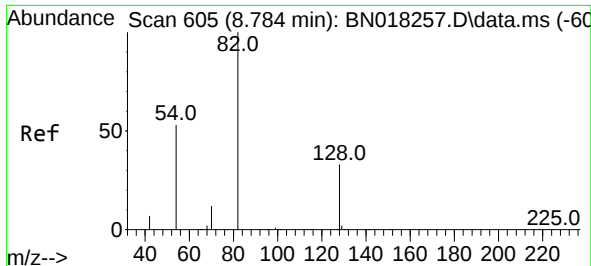
Tgt Ion: 99 Resp: 4364
Ion Ratio Lower Upper
99 100
42 23.9 16.3 24.5
71 96.7 26.8 40.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

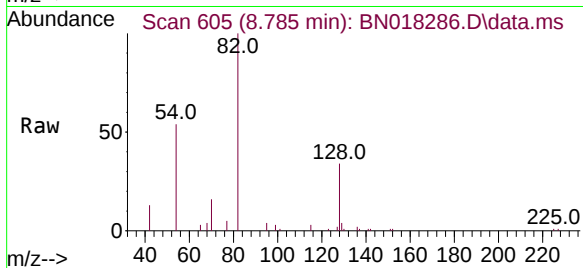
Tgt Ion: 136 Resp: 126565
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.8 5.0 7.6
68 5.2 4.4 6.6



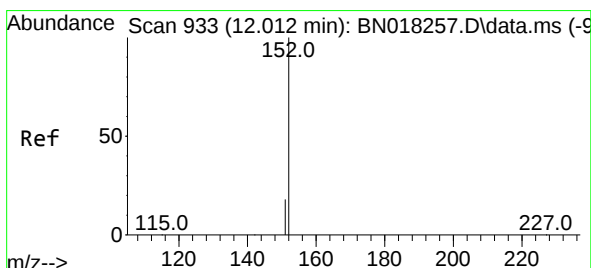
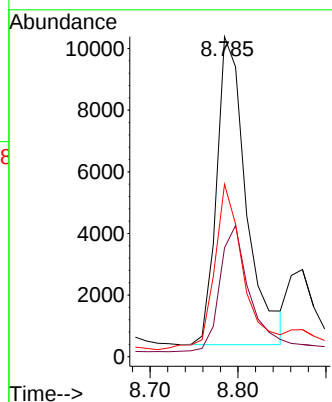
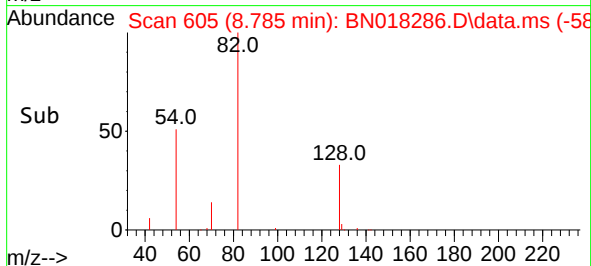


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.001 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Instrument :
BNA_N
ClientSampleId :

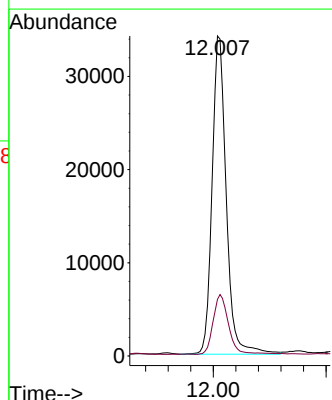
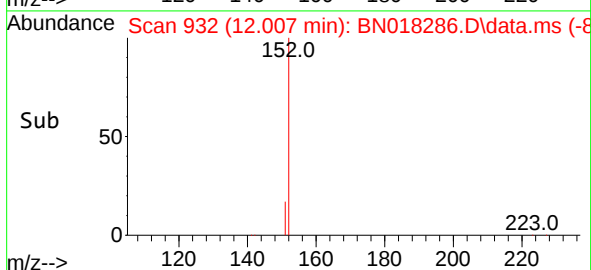
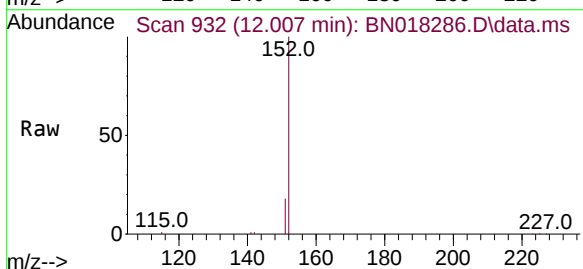


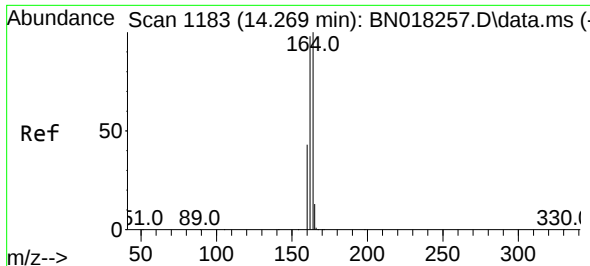
Tgt Ion: 82 Resp: 23463
Ion Ratio Lower Upper
82 100
128 34.0 33.7 50.5
54 53.9 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.004 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Tgt Ion: 152 Resp: 59590
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2

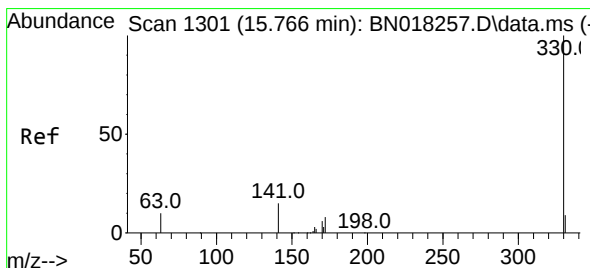
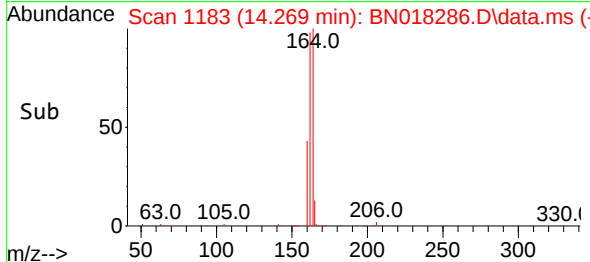
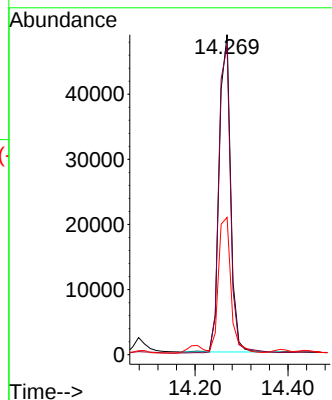
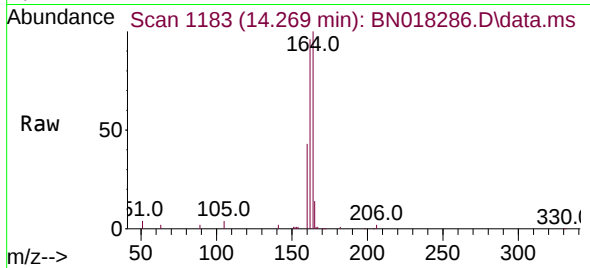




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

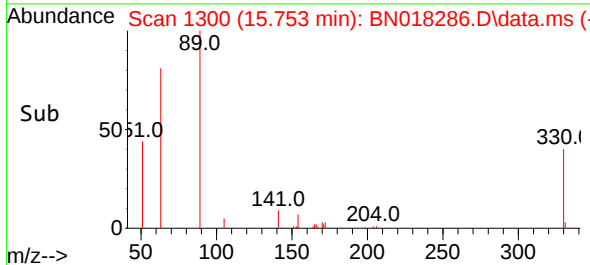
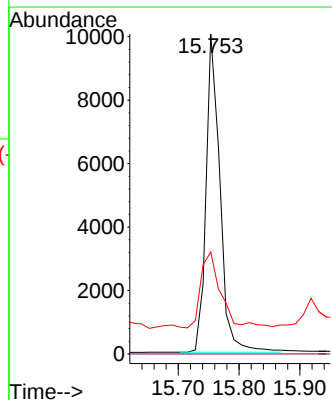
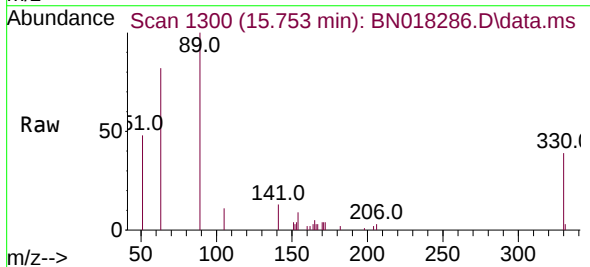
Instrument :
BNA_N
ClientSampleId :

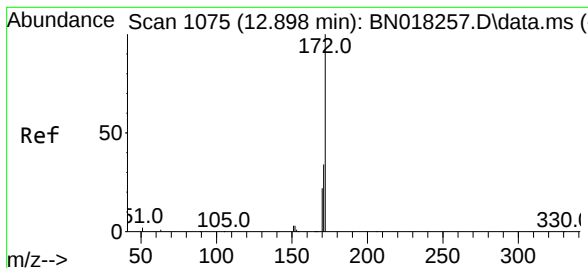
Tgt Ion:164 Resp: 82431
Ion Ratio Lower Upper
164 100
162 96.5 80.2 120.2
160 42.9 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.669 ng
RT: 15.753 min Scan# 1300
Delta R.T. -0.013 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

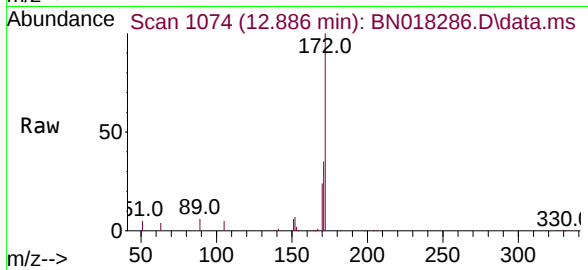
Tgt Ion:330 Resp: 16035
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.6 21.3 31.9#



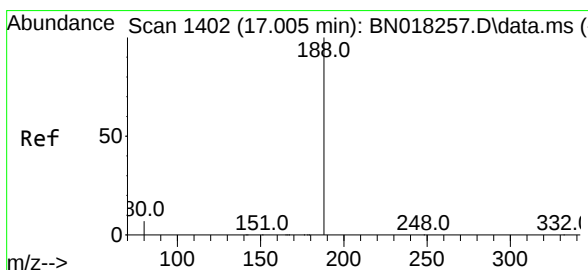
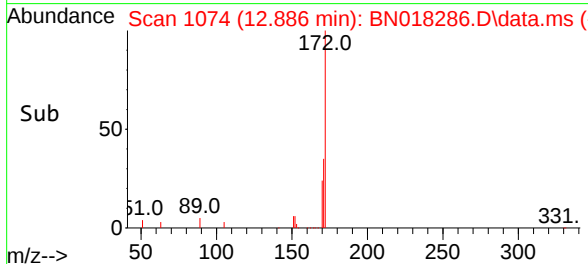
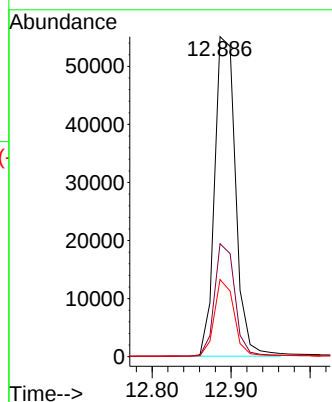


#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Instrument :
BNA_N
ClientSampleId :

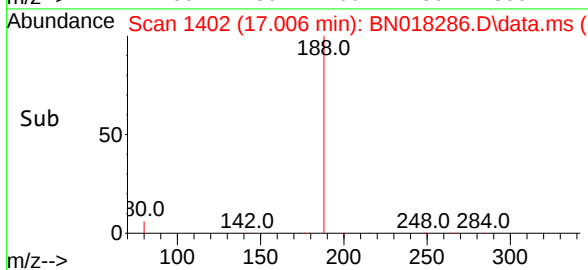
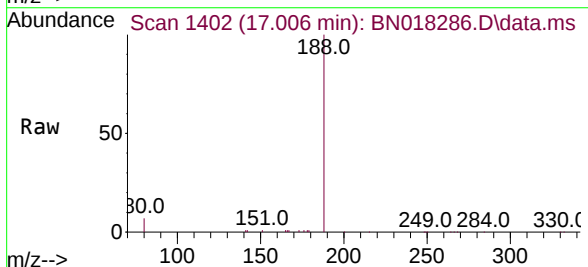
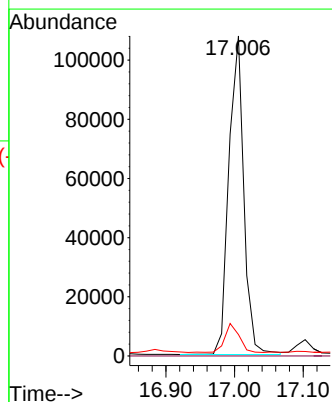


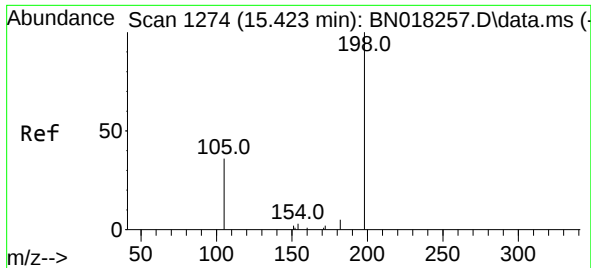
Tgt Ion:172 Resp: 101499
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.0
170 24.1 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.006 min Scan# 1402
Delta R.T. 0.001 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Tgt Ion:188 Resp: 162439
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 7.0 10.4

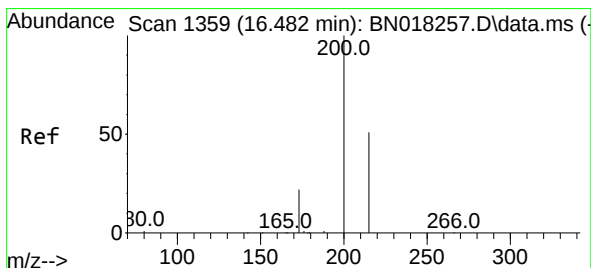
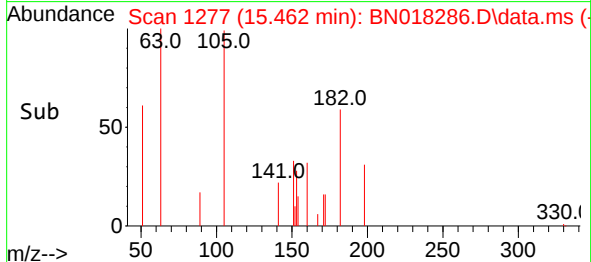
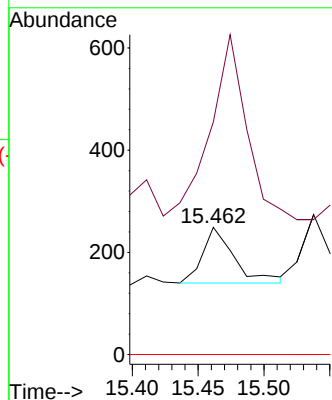
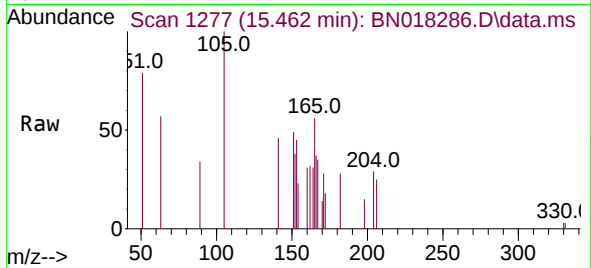




#20
4,6-Dinitro-2-methylphenol
Concen: 0.258 ng
RT: 15.462 min Scan# 11
Delta R.T. 0.039 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

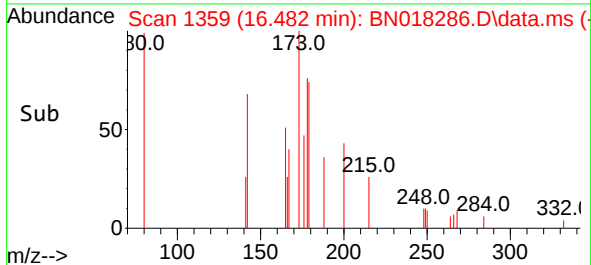
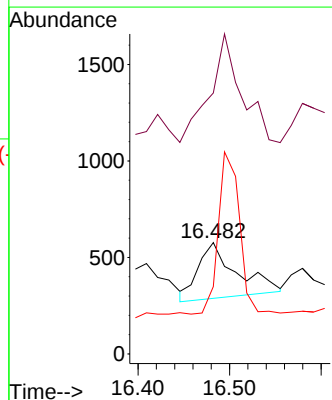
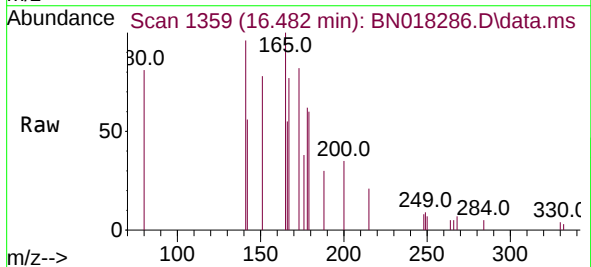
Instrument :
BNA_N
ClientSampleId :

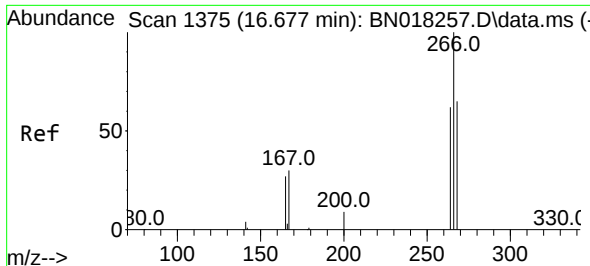
Tgt Ion:198 Resp: 183
Ion Ratio Lower Upper
198 100
182 182.7 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.145 ng
RT: 16.482 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

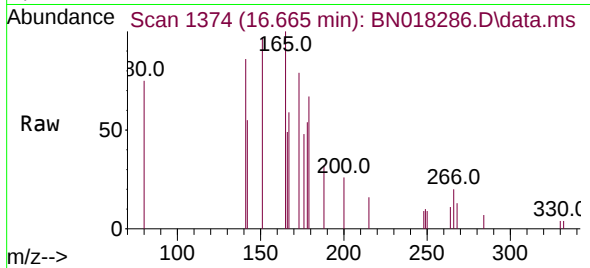
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Ion Ratio Lower Upper
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173 234.3 20.3 30.5#
215 60.5 40.4 60.6



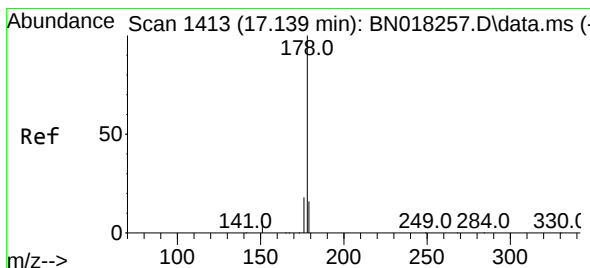
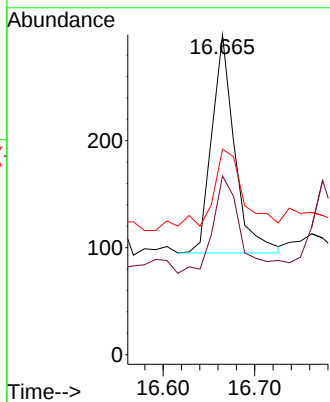
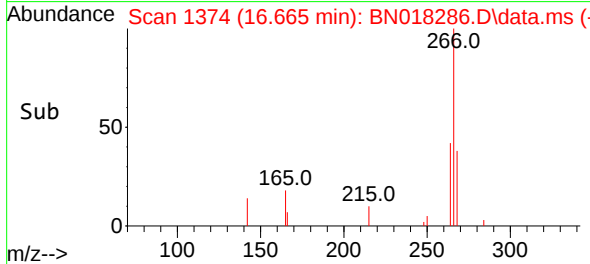


#24
 Pentachlorophenol
 Concen: 0.201 ng
 RT: 16.665 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN018286.D
 Acq: 30 Dec 2021 07:25

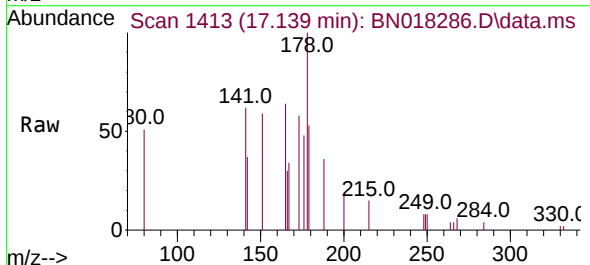
Instrument :
 BNA_N
 ClientSampleId :



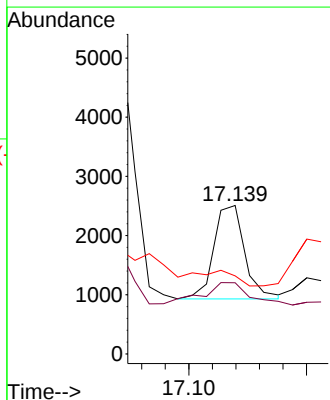
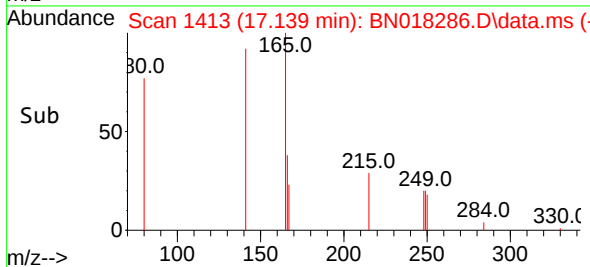
Tgt Ion:266 Resp: 354
 Ion Ratio Lower Upper
 266 100
 264 56.8 49.5 74.3
 268 44.1 50.6 76.0#

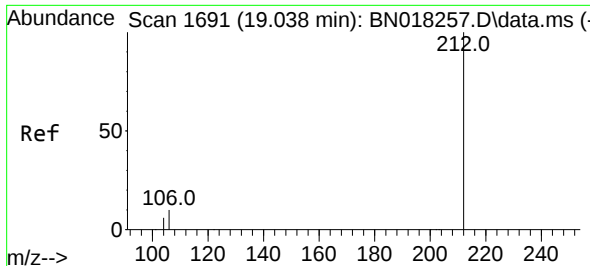


#26
 Anthracene
 Concen: 0.050 ng
 RT: 17.139 min Scan# 1413
 Delta R.T. 0.000 min
 Lab File: BN018286.D
 Acq: 30 Dec 2021 07:25



Tgt Ion:178 Resp: 2892
 Ion Ratio Lower Upper
 178 100
 176 36.7 14.8 22.2#
 179 0.0 12.2 18.4#

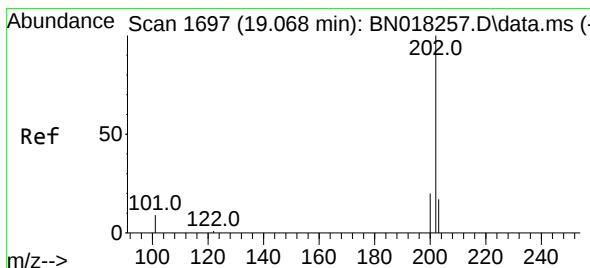
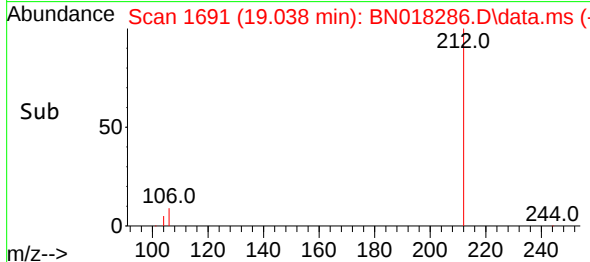
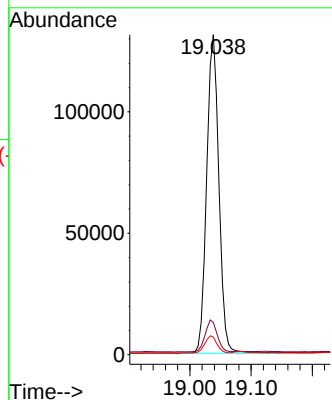
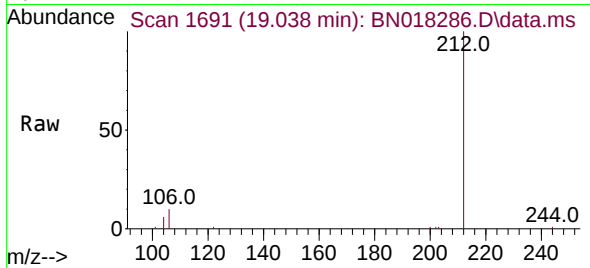




#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.038 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

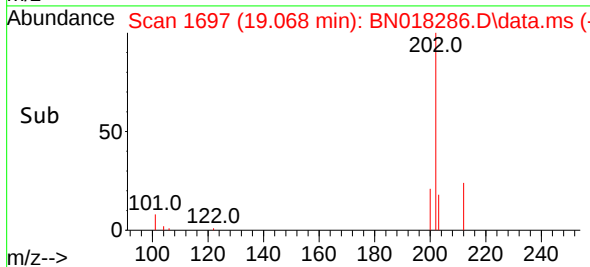
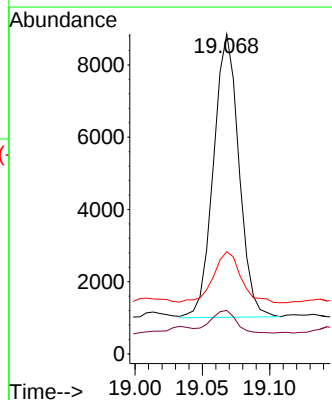
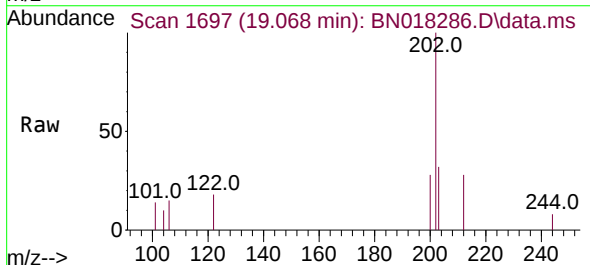
Instrument :
BNA_N
ClientSampleId :

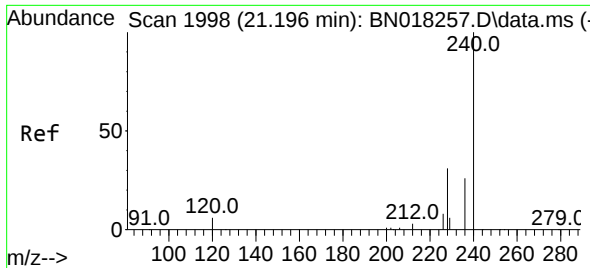
Tgt Ion:212 Resp: 181216
Ion Ratio Lower Upper
212 100
106 10.0 8.4 12.6
104 5.5 4.5 6.7



#28
Fluoranthene
Concen: 0.021 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

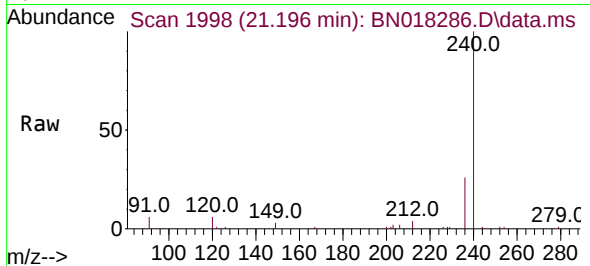
Tgt Ion:202 Resp: 10304
Ion Ratio Lower Upper
202 100
101 8.1 7.2 10.8
203 19.5 13.7 20.5



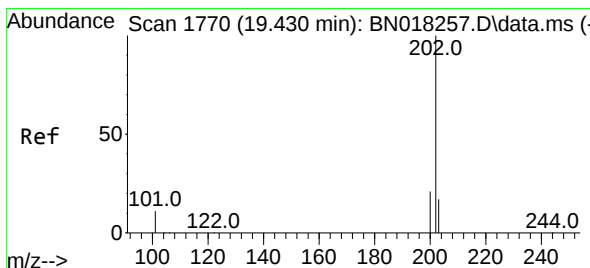
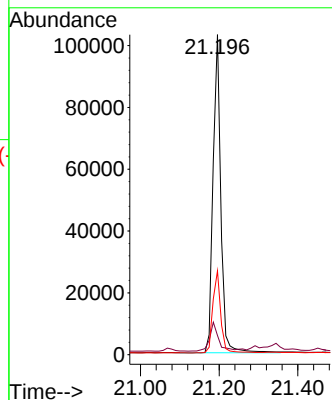
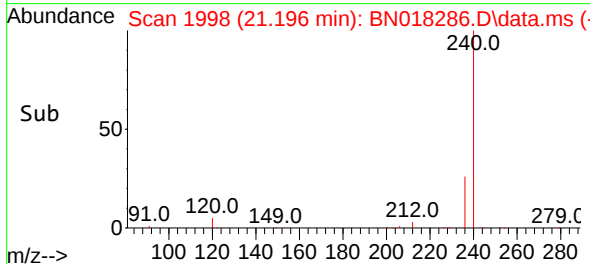


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

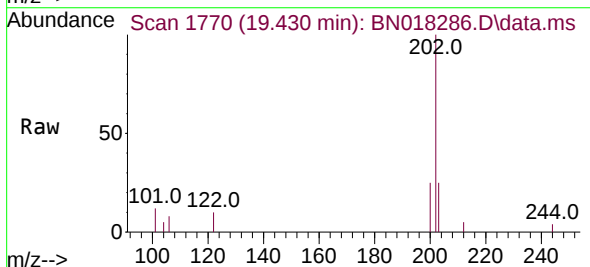
Instrument :
BNA_N
ClientSampleId :



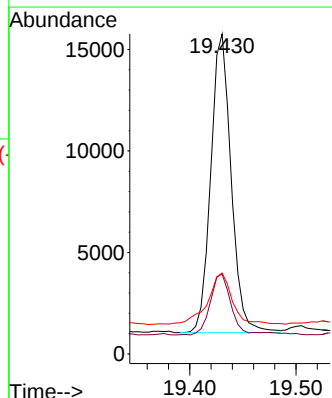
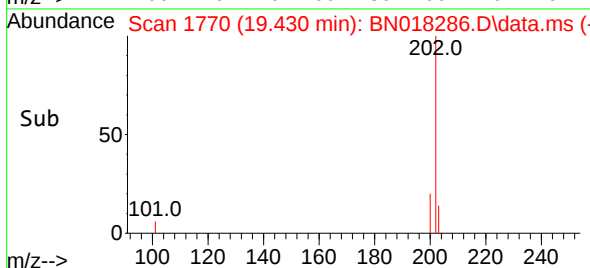
Tgt Ion:240 Resp: 141391
Ion Ratio Lower Upper
240 100
120 6.0 6.0 9.0
236 26.2 21.4 32.2

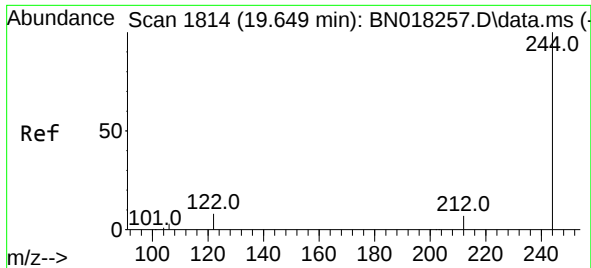


#30
Pyrene
Concen: 0.035 ng
RT: 19.430 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25



Tgt Ion:202 Resp: 19580
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 21.0 14.1 21.1

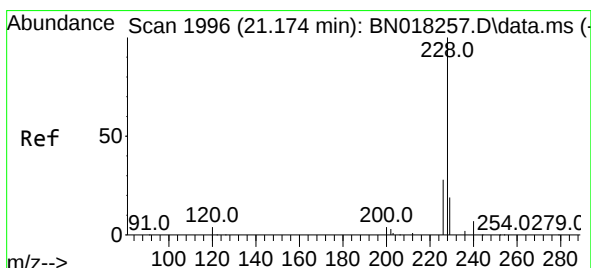
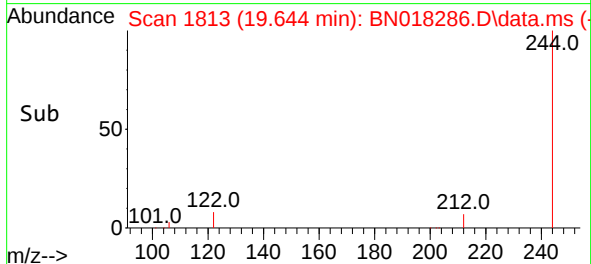
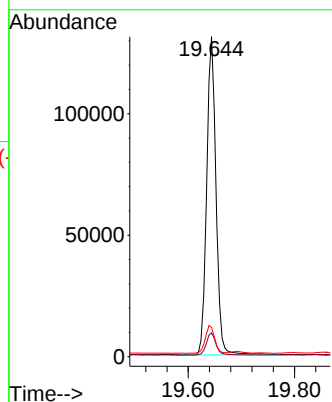
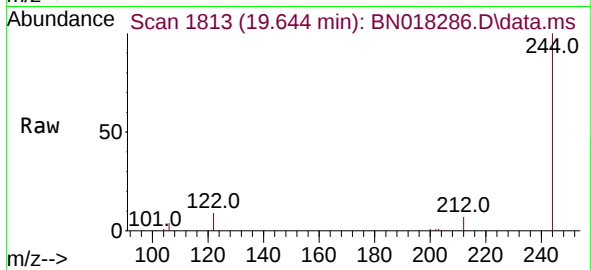




#31
 Terphenyl-d14
 Concen: 0.444 ng
 RT: 19.644 min Scan# 1814
 Delta R.T. -0.005 min
 Lab File: BN018286.D
 Acq: 30 Dec 2021 07:25

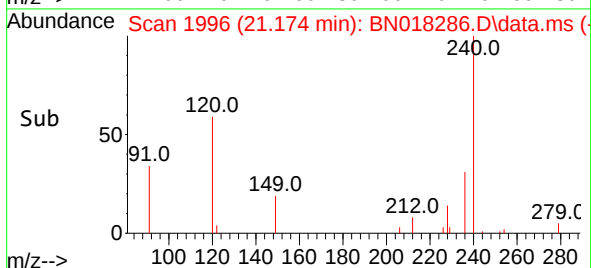
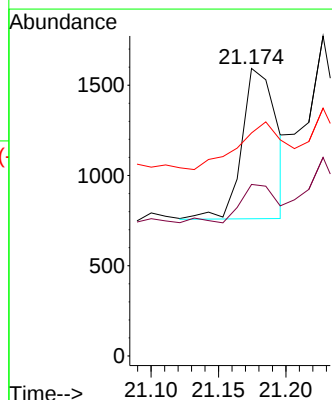
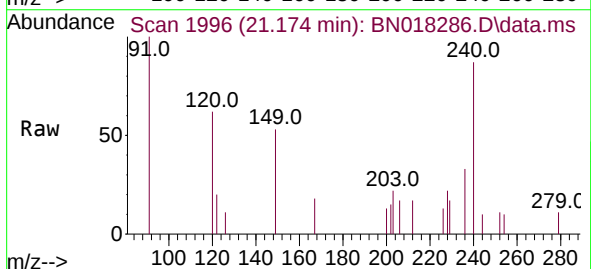
Instrument :
 BNA_N
 ClientSampleId :

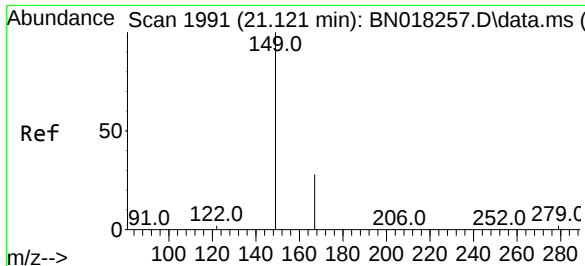
Tgt Ion:244 Resp: 159410
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.2 7.9 11.9



#32
 Benzo(a)anthracene
 Concen: 0.059 ng
 RT: 21.174 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: BN018286.D
 Acq: 30 Dec 2021 07:25

Tgt Ion:228 Resp: 1502
 Ion Ratio Lower Upper
 228 100
 226 59.6 21.3 31.9#
 229 77.6 15.9 23.9#

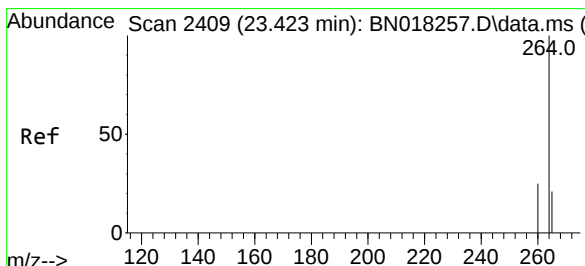
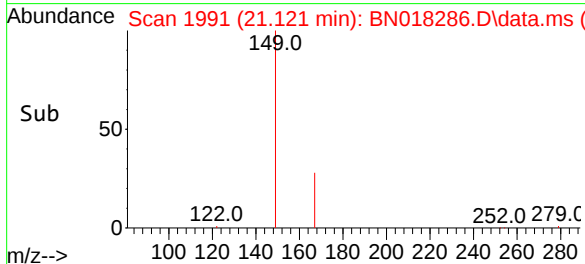
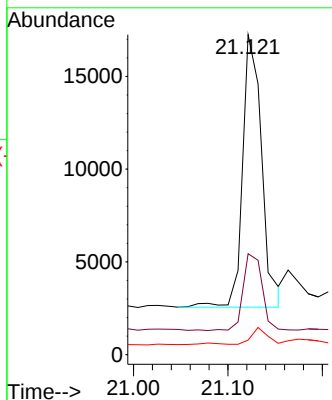
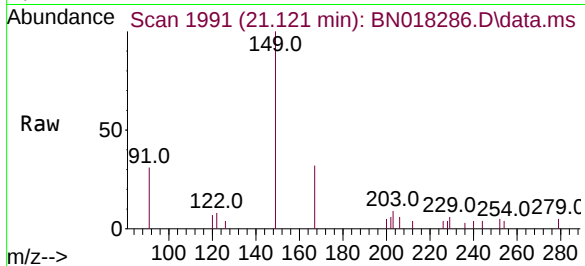




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.117 ng
RT: 21.121 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 20616
Ion Ratio Lower Upper
149 100
167 28.0 23.7 35.5
279 5.0 3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.420 min Scan# 2408
Delta R.T. -0.003 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Tgt Ion:264 Resp: 122763
Ion Ratio Lower Upper
264 100
260 24.7 20.2 30.4
265 26.2 18.2 27.2

