

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012522\
 Data File : BN018465.D
 Acq On : 25 Jan 2022 18:37
 Operator : CG/JU
 Sample : PB142256BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB142256BL

Quant Time: Jan 26 04:07:43 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 24 18:25:49 2022
 Response via : Initial Calibration

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

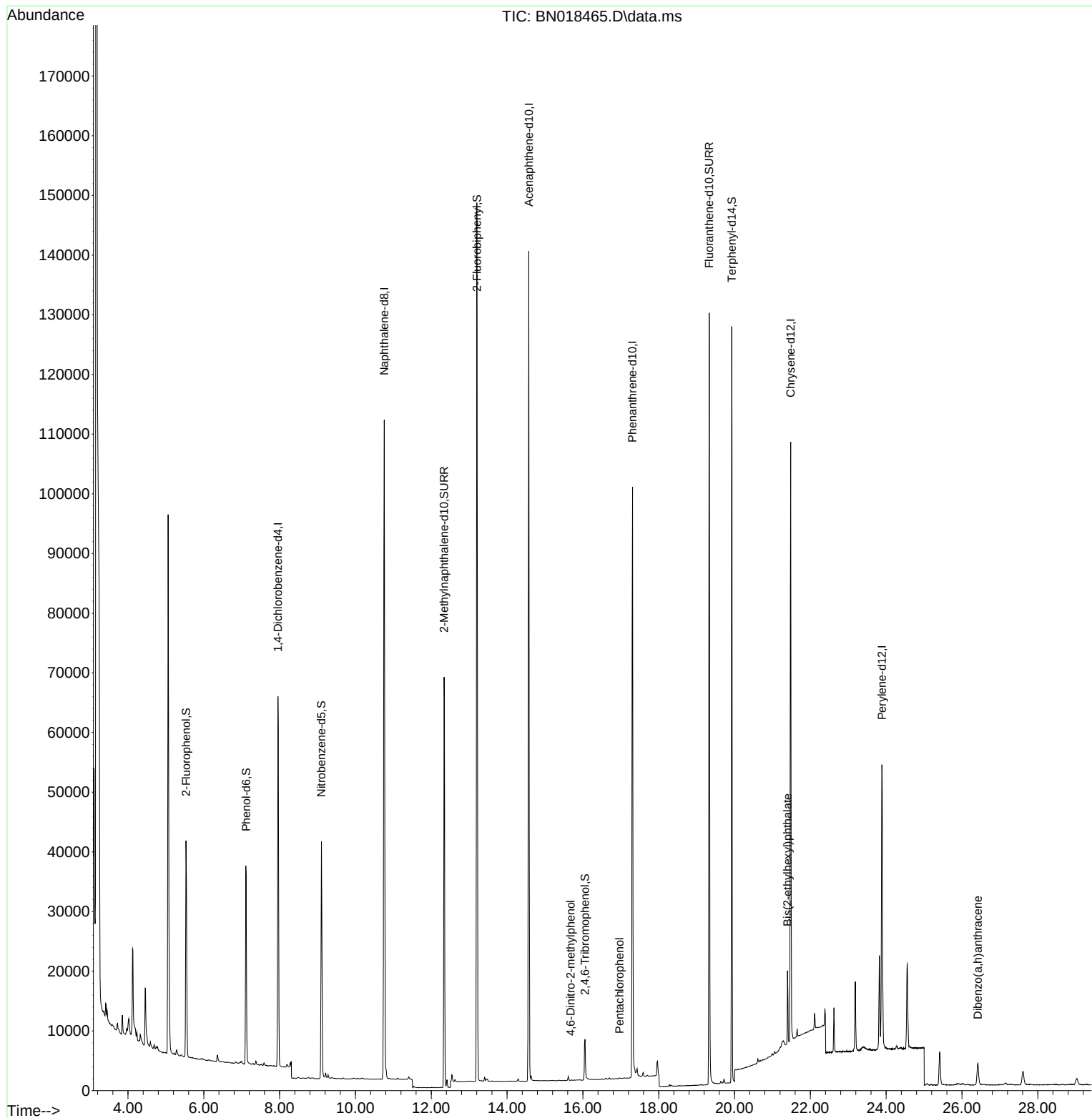
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	34246	0.400	ng	0.00
7) Naphthalene-d8	10.761	136	150745	0.400	ng	0.00
13) Acenaphthene-d10	14.573	164	78521	0.400	ng	0.00
19) Phenanthrene-d10	17.309	188	144834	0.400	ng	# 0.00
29) Chrysene-d12	21.482	240	96453	0.400	ng	-0.01
35) Perylene-d12	23.888	264	68017	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.531	112	32085	0.378	ng	0.02
5) Phenol-d6	7.116	99	34141	0.370	ng	0.00
8) Nitrobenzene-d5	9.101	82	33223	0.382	ng	-0.01
11) 2-Methylnaphthalene-d10	12.340	152	89452	0.354	ng	0.00
14) 2,4,6-Tribromophenol	16.056	330	4883	0.206	ng	0.00
15) 2-Fluorobiphenyl	13.203	172	125147	0.444	ng	-0.01
27) Fluoranthene-d10	19.331	212	149812	0.343	ng	-0.01
31) Terphenyl-d14	19.926	244	134835	0.450	ng	-0.01
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.677	198	6	0.071	ng	# 1
24) Pentachlorophenol	16.969	266	94	0.190	ng	97
34) Bis(2-ethylhexyl)phtha...	21.397	149	11273	0.047	ng	95
40) Dibenzo(a,h)anthracene	26.414	278	380	0.137	ng	# 1

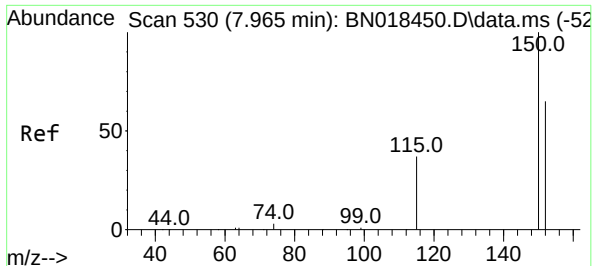
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

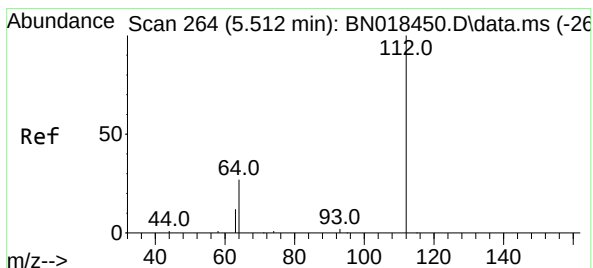
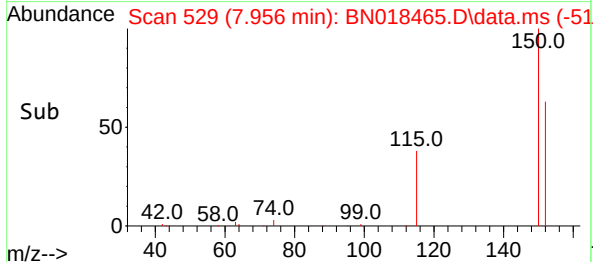
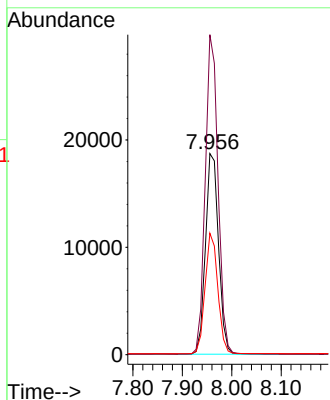
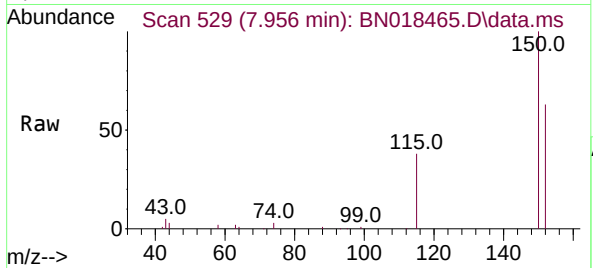




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.956 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

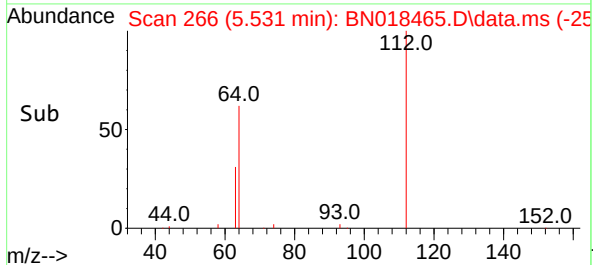
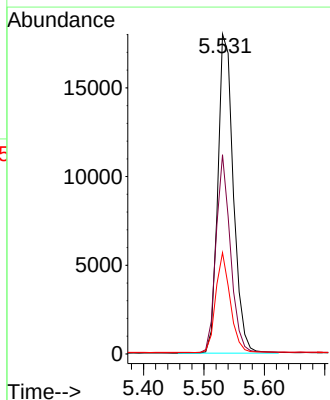
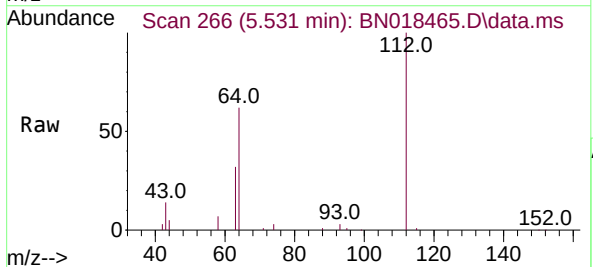
Instrument :
BNA_N
ClientSampleId :
PB142256BL

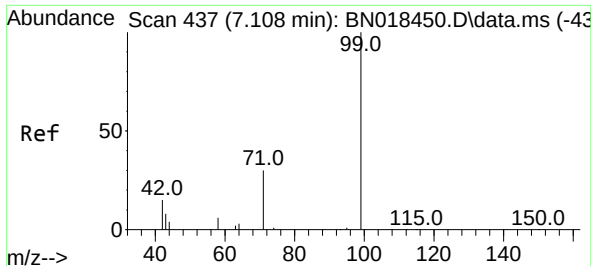
Tgt Ion:152 Resp: 34246
Ion Ratio Lower Upper
152 100
150 159.1 121.7 182.5
115 60.4 43.8 65.8



#4
2-Fluorophenol
Concen: 0.378 ng
RT: 5.531 min Scan# 266
Delta R.T. 0.018 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

Tgt Ion:112 Resp: 32085
Ion Ratio Lower Upper
112 100
64 57.6 48.0 72.0
63 29.2 25.3 37.9

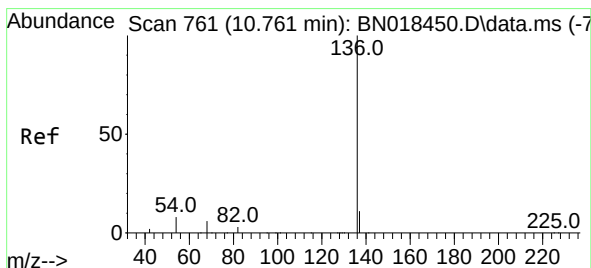
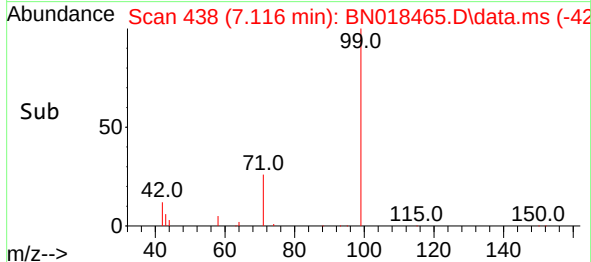
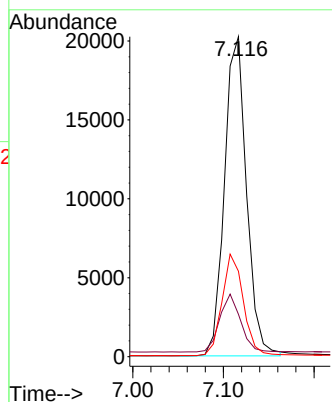
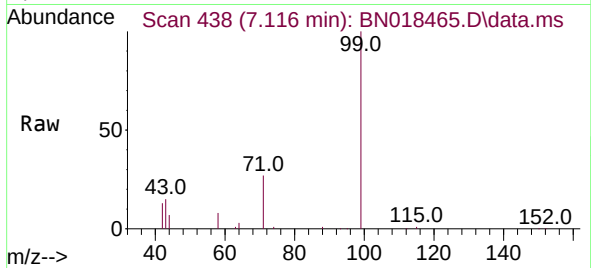




#5
Phenol-d6
Concen: 0.370 ng
RT: 7.116 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

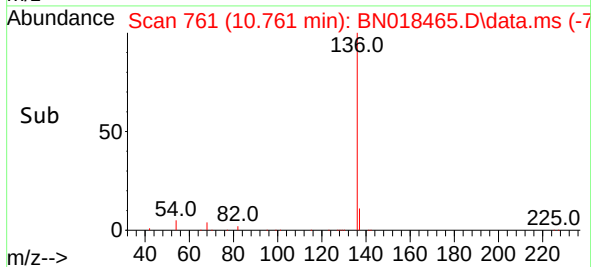
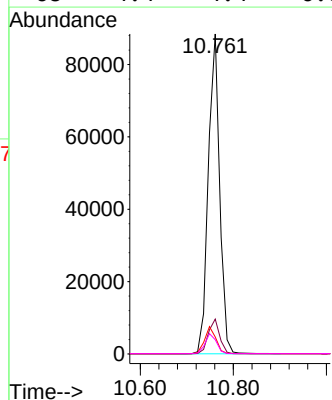
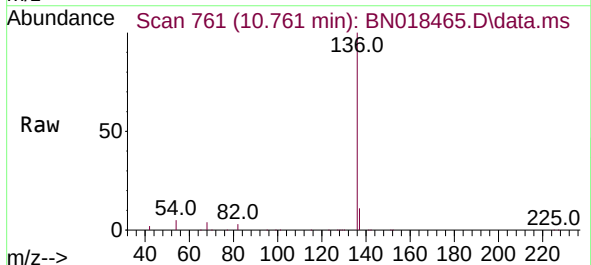
Instrument :
BNA_N
ClientSampleId :
PB142256BL

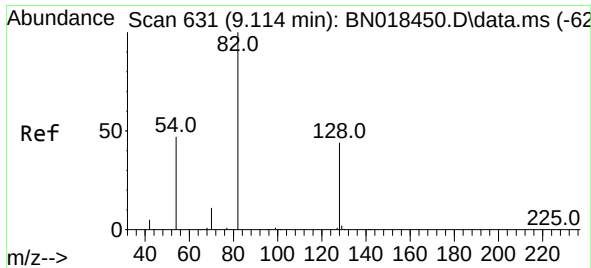
Tgt Ion: 99 Resp: 34141
Ion Ratio Lower Upper
99 100
42 17.3 16.3 24.5
71 30.8 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.761 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

Tgt Ion: 136 Resp: 150745
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.3 5.0 7.6
68 4.4 4.4 6.6

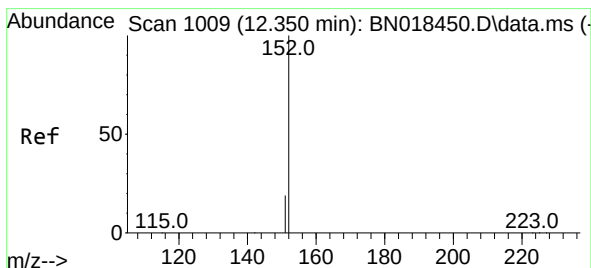
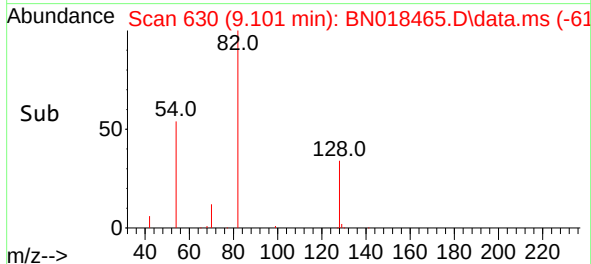
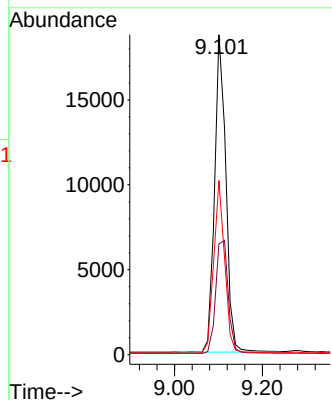
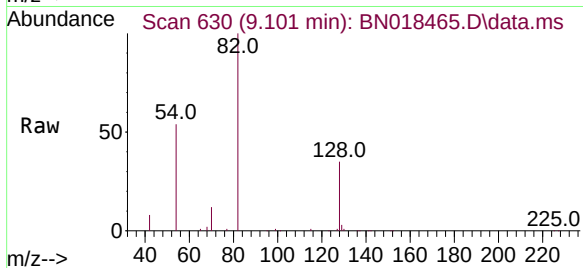




#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 9.101 min Scan# 61
Delta R.T. -0.013 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

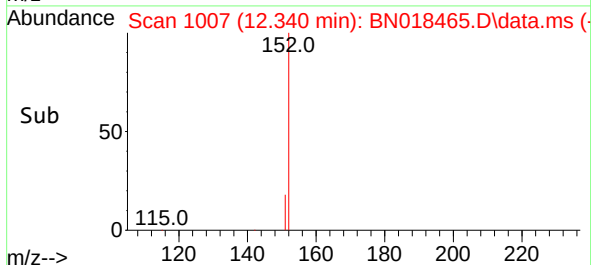
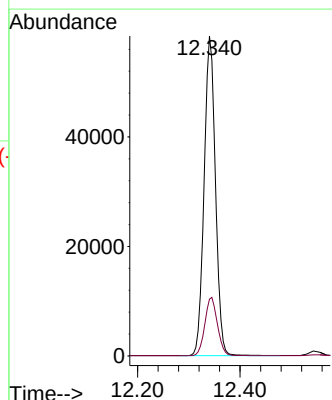
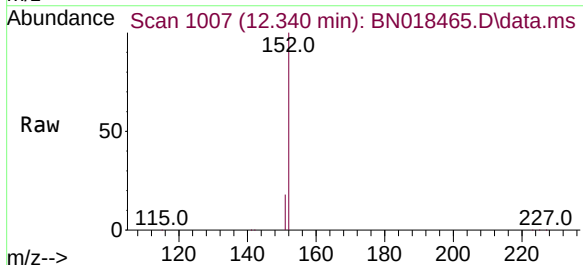
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ClientSampleId :
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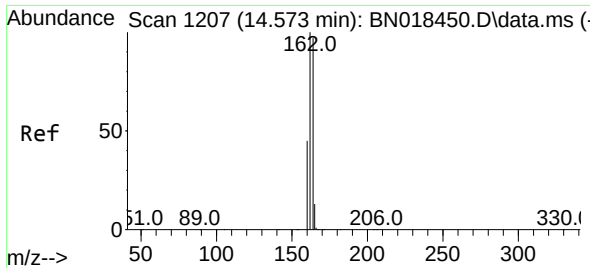
Tgt Ion: 82 Resp: 33223
Ion Ratio Lower Upper
82 100
128 34.6 33.7 50.5
54 54.4 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.340 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

Tgt Ion: 152 Resp: 89452
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

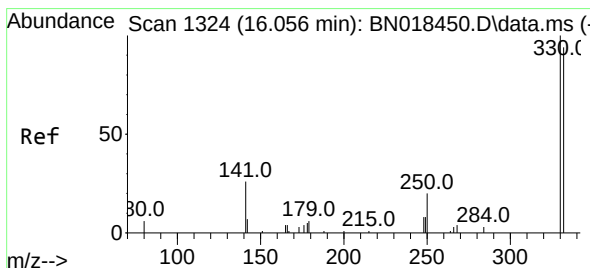
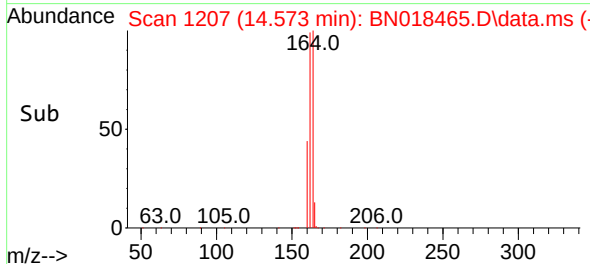
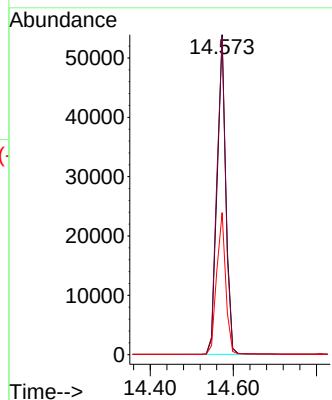
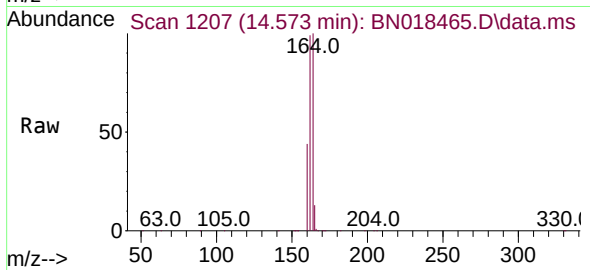




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

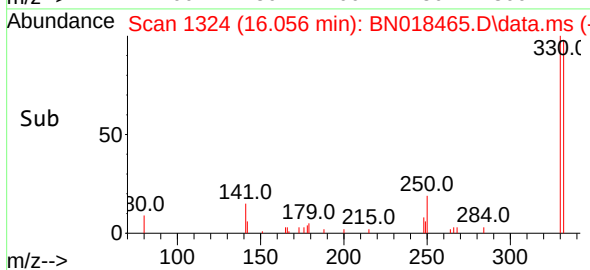
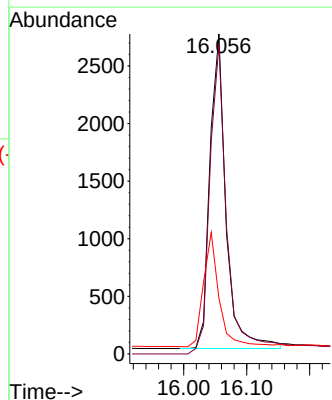
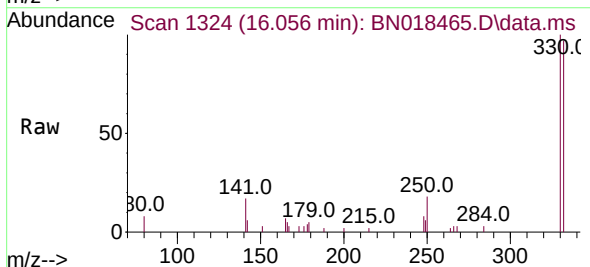
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ClientSampleId :
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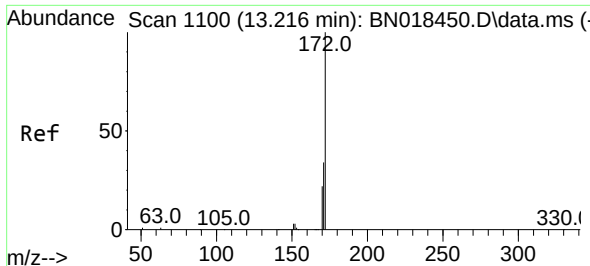
Tgt Ion:164 Resp: 78521
Ion Ratio Lower Upper
164 100
162 99.3 80.2 120.2
160 44.4 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.206 ng
RT: 16.056 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

Tgt Ion:330 Resp: 4883
Ion Ratio Lower Upper
330 100
332 105.3 0.0 0.0#
141 34.9 21.3 31.9#

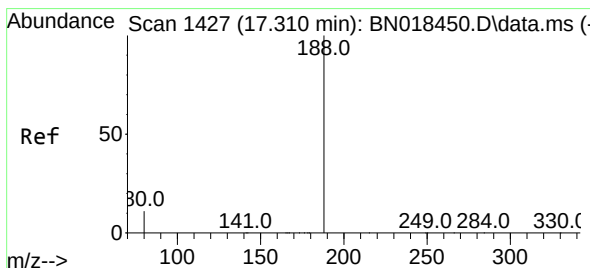
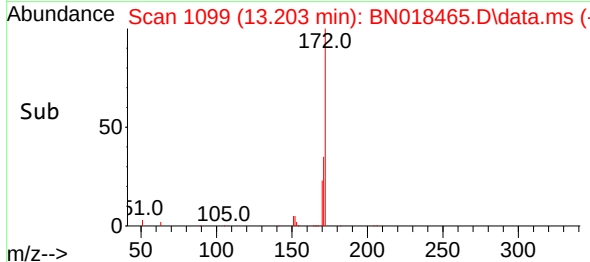
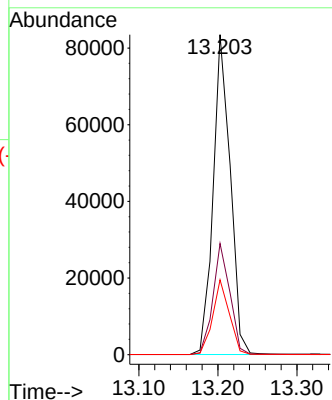
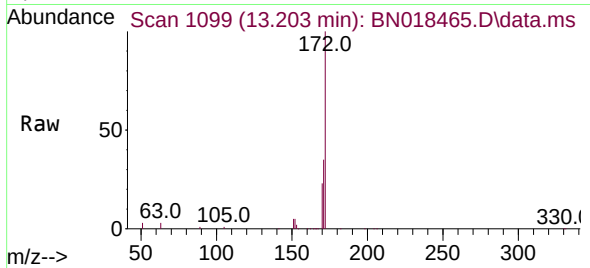




#15
2-Fluorobiphenyl
Concen: 0.444 ng
RT: 13.203 min Scan# 1099
Delta R.T. -0.013 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

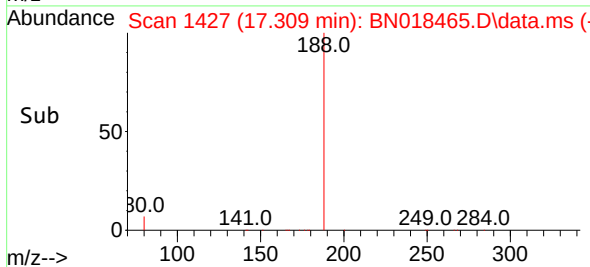
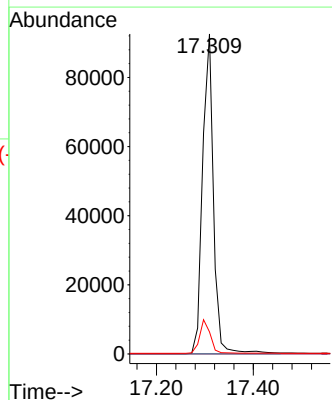
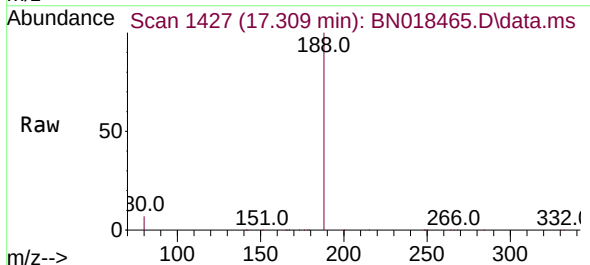
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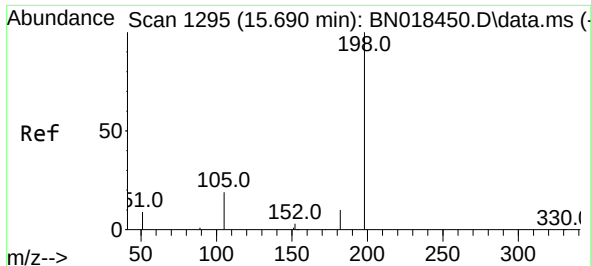
Tgt Ion:172 Resp: 125147
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.0
170 23.4 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.309 min Scan# 1427
Delta R.T. -0.001 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

Tgt Ion:188 Resp: 144834
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 7.0 10.4

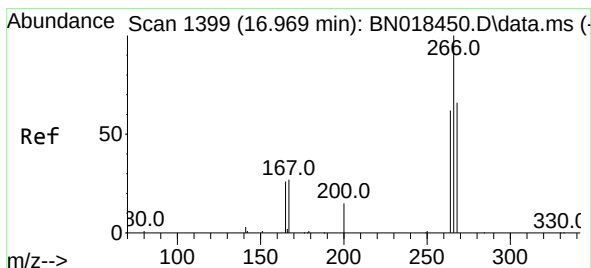
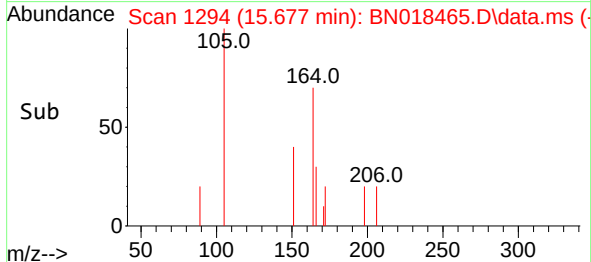
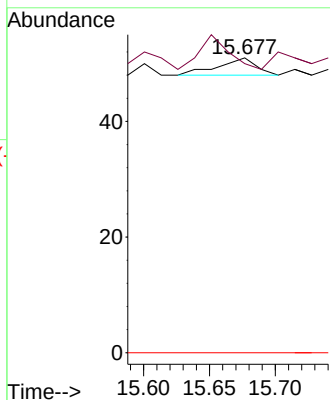
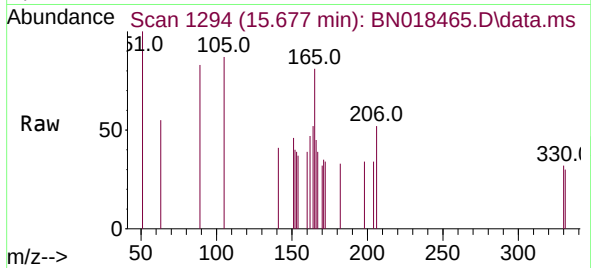




#20
4,6-Dinitro-2-methylphenol
Concen: 0.071 ng
RT: 15.677 min Scan# 1294
Delta R.T. -0.013 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

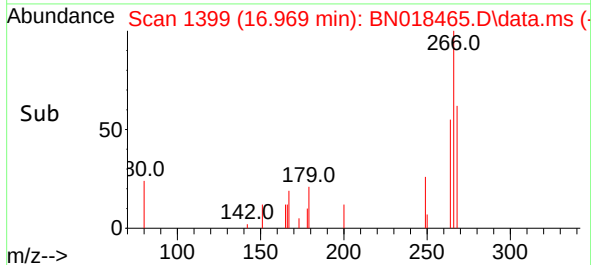
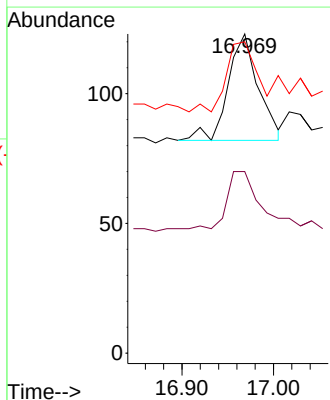
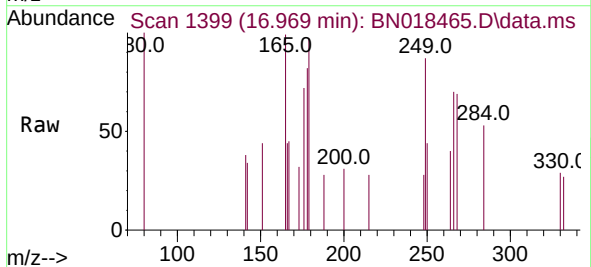
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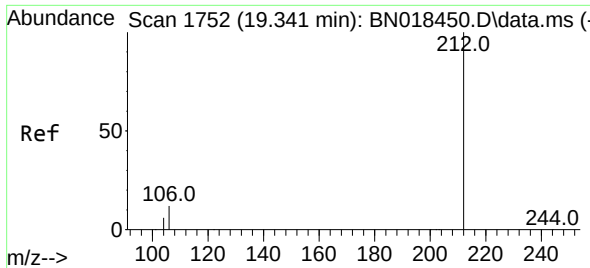
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 98.0 15.5 23.3#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.190 ng
RT: 16.969 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

Tgt Ion:266 Resp: 94
Ion Ratio Lower Upper
266 100
264 61.7 49.5 74.3
268 67.0 50.6 76.0

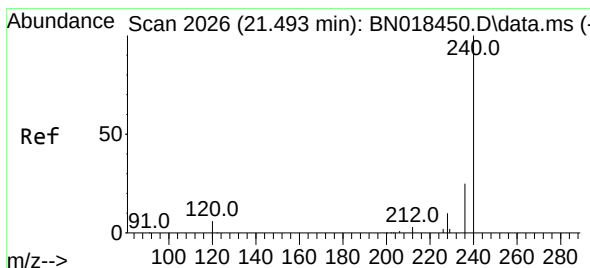
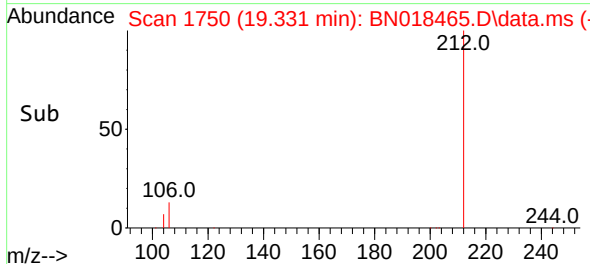
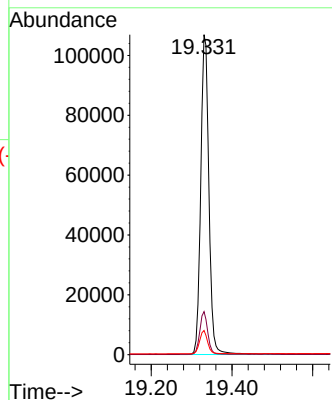
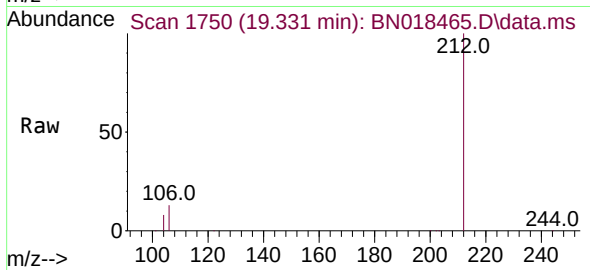




#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.331 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

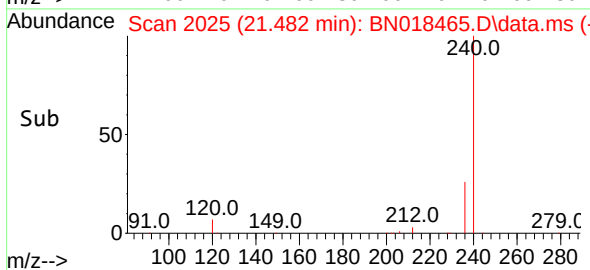
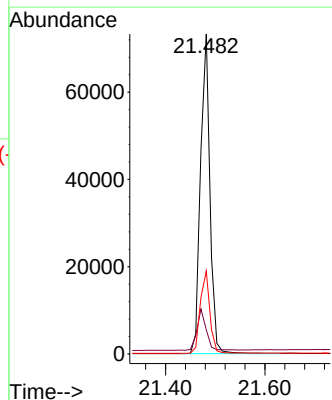
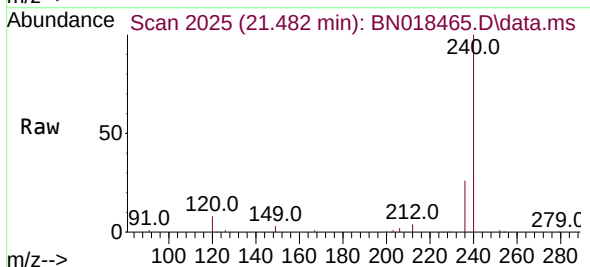
Instrument :
BNA_N
ClientSampleId :
PB142256BL

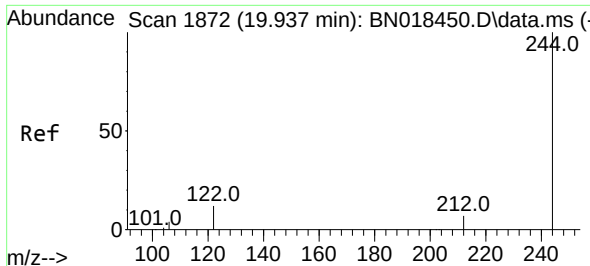
Tgt Ion:212 Resp: 149812
Ion Ratio Lower Upper
212 100
106 13.1 8.4 12.6#
104 7.1 4.5 6.7#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.482 min Scan# 2025
Delta R.T. -0.011 min
Lab File: BN018465.D
Acq: 25 Jan 2022 18:37

Tgt Ion:240 Resp: 96453
Ion Ratio Lower Upper
240 100
120 7.6 6.0 9.0
236 25.9 21.4 32.2

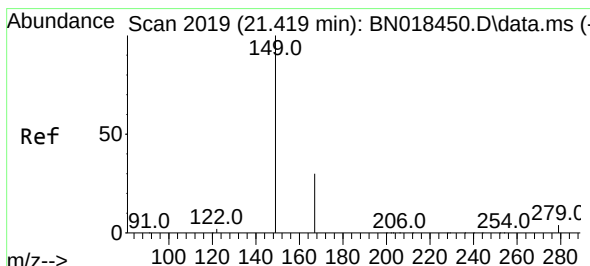
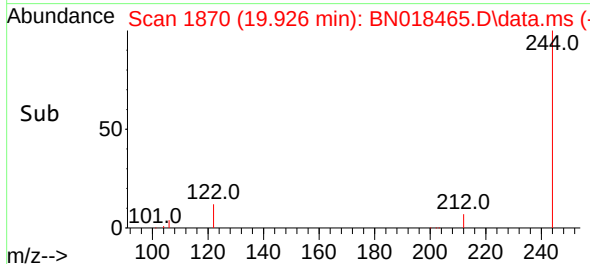
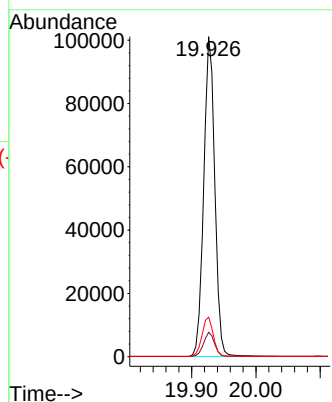
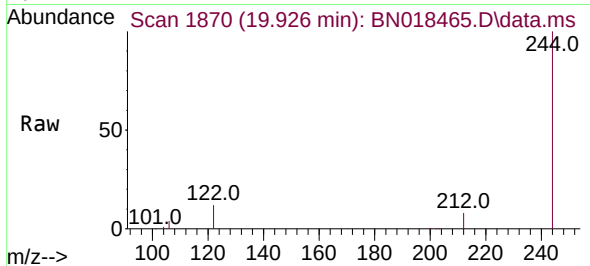




#31
 Terphenyl-d14
 Concen: 0.450 ng
 RT: 19.926 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: BN018465.D
 Acq: 25 Jan 2022 18:37

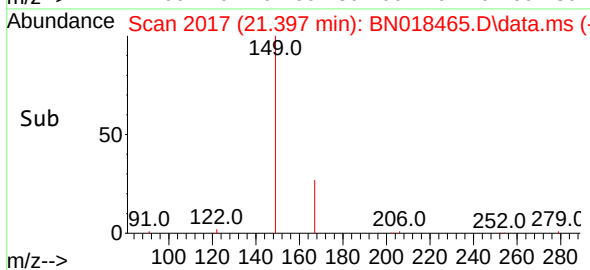
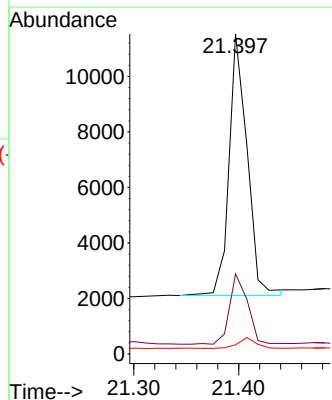
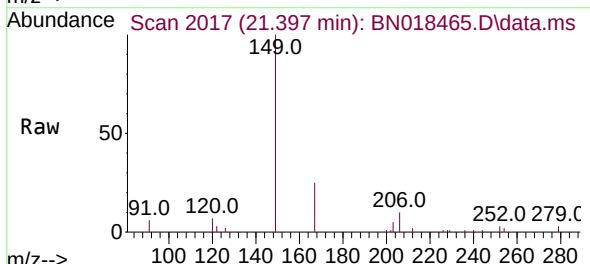
Instrument :
 BNA_N
 ClientSampleId :
 PB142256BL

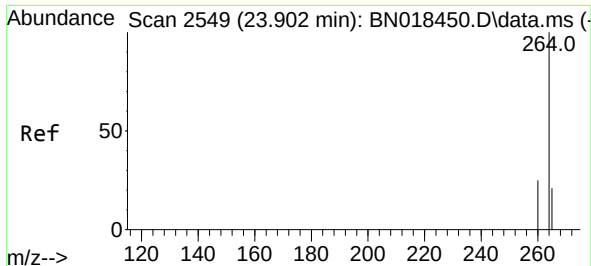
Tgt Ion:244 Resp: 134835
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 12.4 7.9 11.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 21.397 min Scan# 2017
 Delta R.T. -0.022 min
 Lab File: BN018465.D
 Acq: 25 Jan 2022 18:37

Tgt Ion:149 Resp: 11273
 Ion Ratio Lower Upper
 149 100
 167 26.9 23.7 35.5
 279 4.0 3.6 5.4

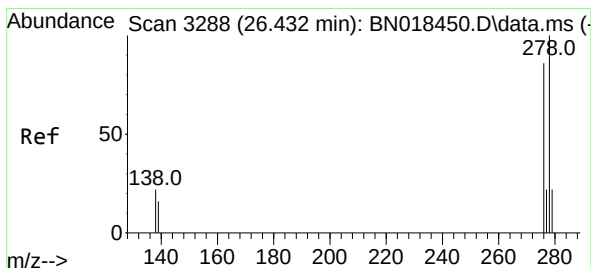
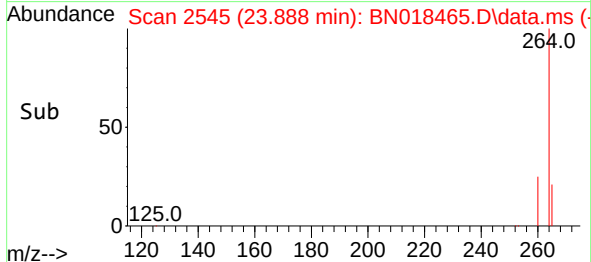
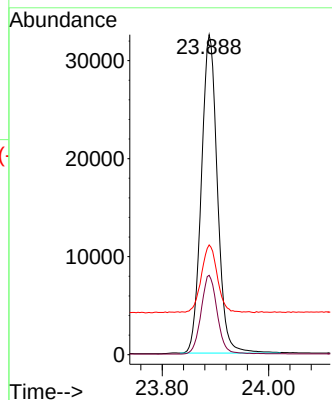
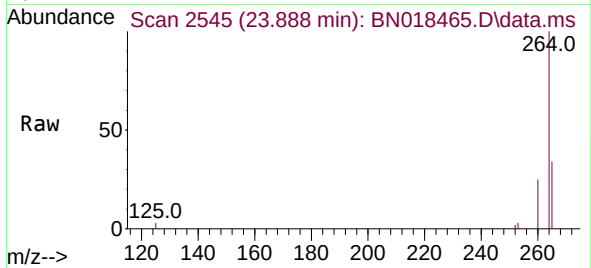




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.888 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BN018465.D
 Acq: 25 Jan 2022 18:37

Instrument :
 BNA_N
 ClientSampleId :
 PB142256BL

Tgt Ion:264 Resp: 68017
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.2 30.4
 265 34.3 18.2 27.2#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.137 ng
 RT: 26.414 min Scan# 3283
 Delta R.T. -0.018 min
 Lab File: BN018465.D
 Acq: 25 Jan 2022 18:37

Tgt Ion:278 Resp: 380
 Ion Ratio Lower Upper
 278 100
 139 1290.5 10.8 16.2#
 279 208.0 19.0 28.4#

