

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111821\
 Data File : BN017509.D
 Acq On : 18 Nov 2021 15:14
 Operator : CG/JU
 Sample : PB140422BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB140422BL

Quant Time: Nov 18 16:29:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 16 14:06:59 2021
 Response via : Initial Calibration

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

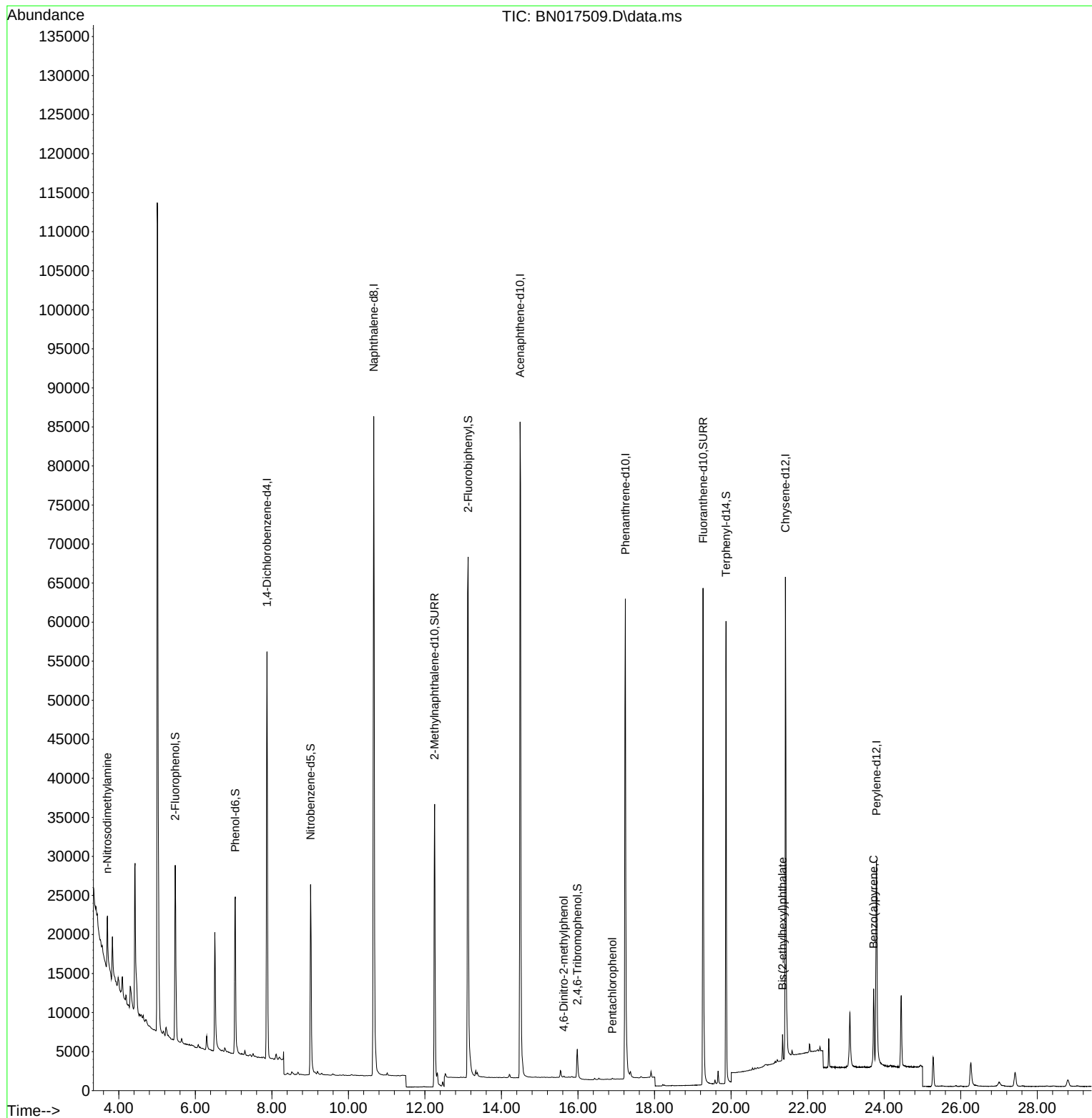
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	29321	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	125947	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	60230	0.400	ng	-0.01
19) Phenanthrene-d10	17.238	188	104323	0.400	ng	0.00
29) Chrysene-d12	21.420	240	65262	0.400	ng	# 0.00
35) Perylene-d12	23.797	264	43298	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.476	112	21898	0.314	ng	0.03
5) Phenol-d6	7.044	99	21636	0.288	ng	0.00
8) Nitrobenzene-d5	9.014	82	22108	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	57916	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	3500	0.229	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	75631	0.333	ng	0.00
27) Fluoranthene-d10	19.267	212	84884	0.272	ng	0.00
31) Terphenyl-d14	19.868	244	63747	0.398	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.697	42	1056	0.043	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.627	198	10	0.091	ng	# 1
24) Pentachlorophenol	16.897	266	110	0.095	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.345	149	3136	0.030	ng	98
39) Benzo(a)pyrene	23.722	252	2616	0.021	ng	# 1

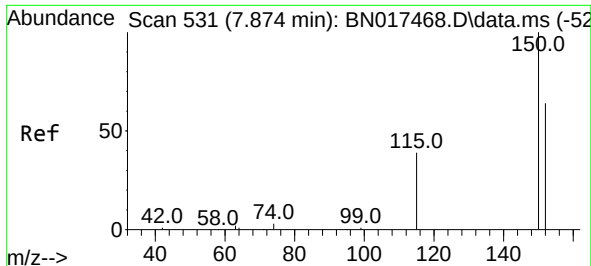
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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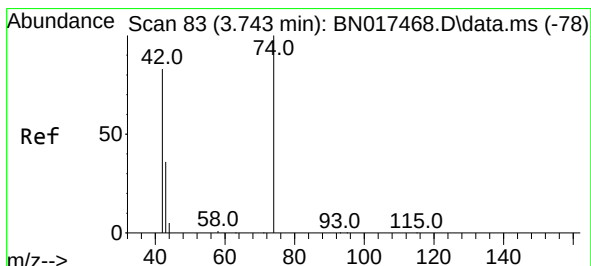
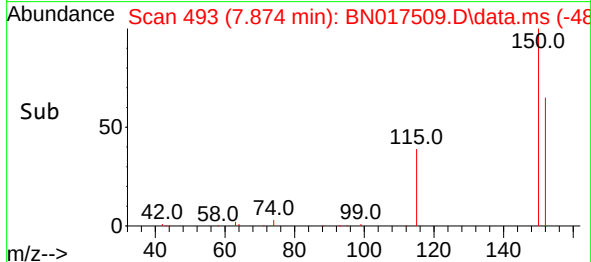
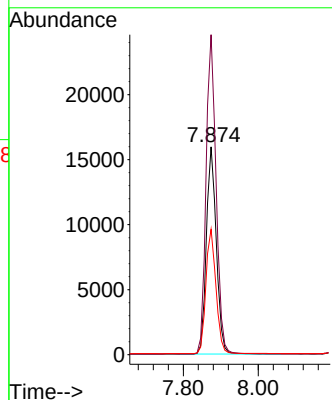
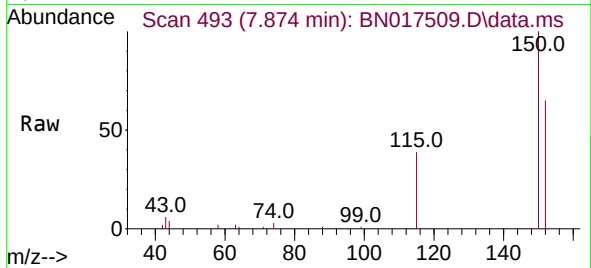




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.874 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

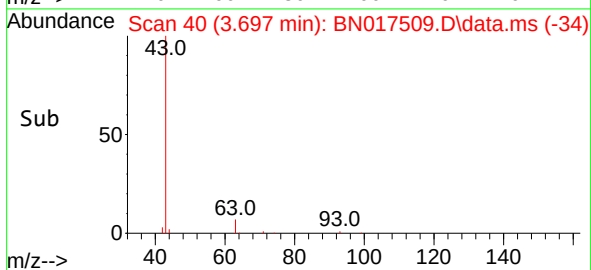
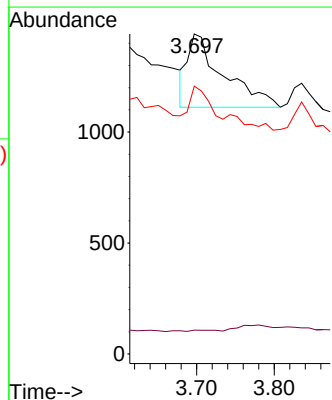
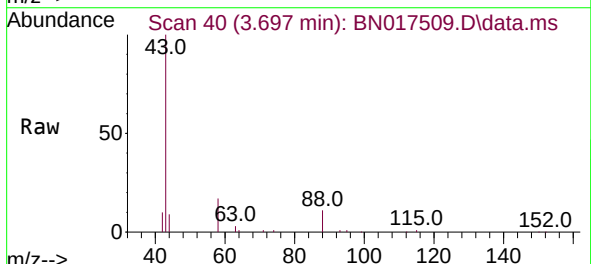
Instrument :
BNA_N
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PB140422BL

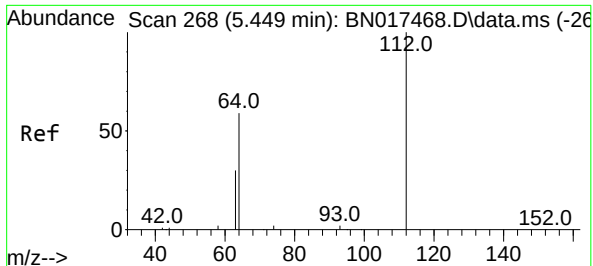
Tgt Ion:152 Resp: 29321
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.4
115 60.3 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.043 ng
RT: 3.697 min Scan# 40
Delta R.T. -0.046 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

Tgt Ion: 42 Resp: 1056
Ion Ratio Lower Upper
42 100
74 1.4 97.8 146.6#
44 48.5 5.5 8.3#

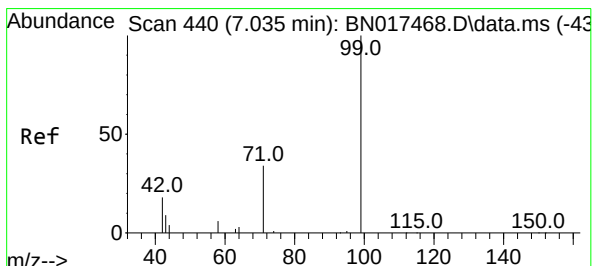
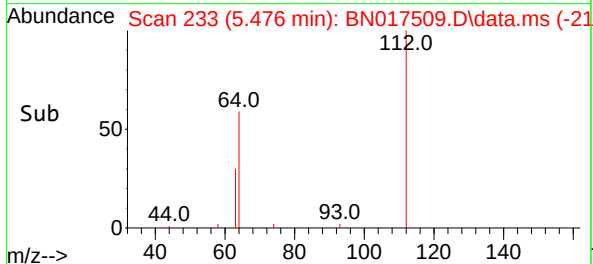
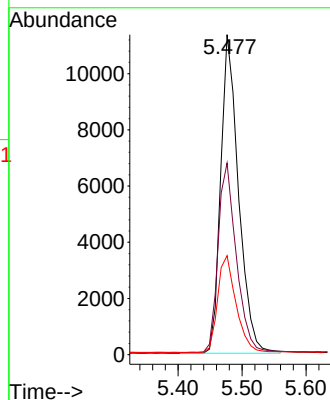
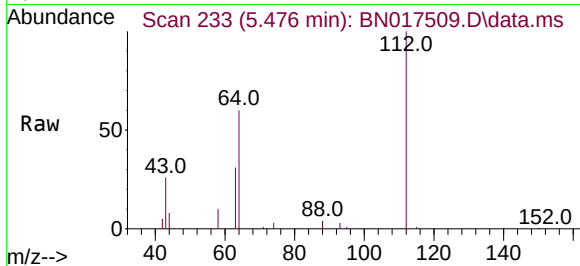




#4
2-Fluorophenol
Concen: 0.314 ng
RT: 5.476 min Scan# 21
Delta R.T. 0.027 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

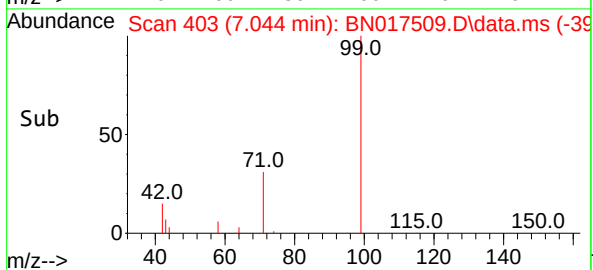
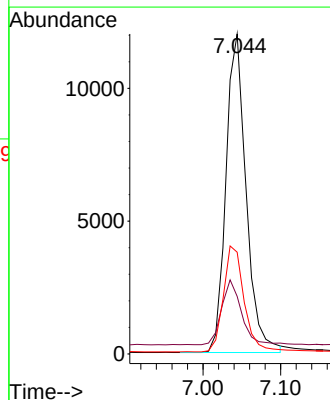
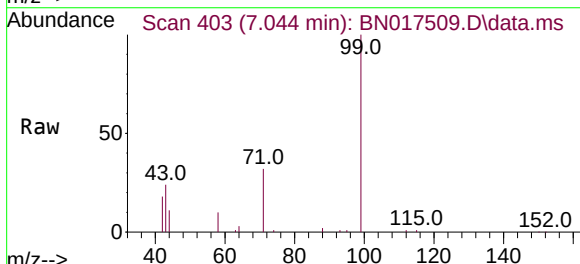
Instrument :
BNA_N
ClientSampleId :
PB140422BL

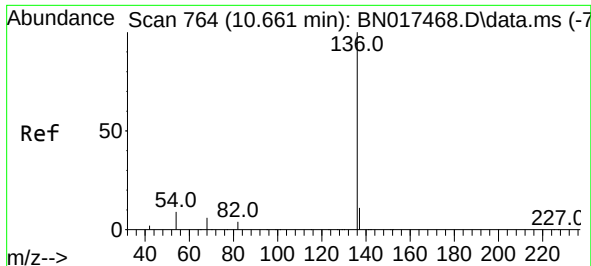
Tgt Ion:112 Resp: 21898
Ion Ratio Lower Upper
112 100
64 60.8 47.6 71.4
63 31.5 24.6 37.0



#5
Phenol-d6
Concen: 0.288 ng
RT: 7.044 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

Tgt Ion: 99 Resp: 21636
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 34.2 24.8 37.2

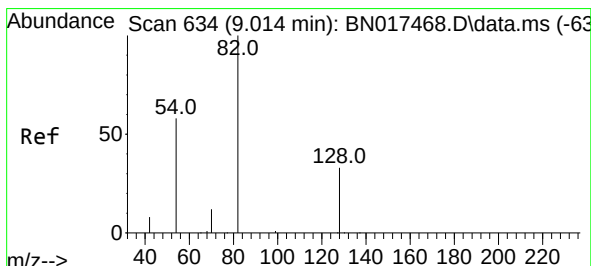
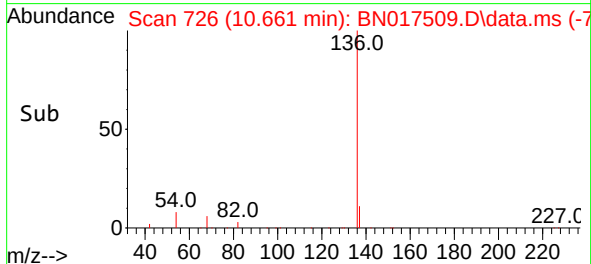
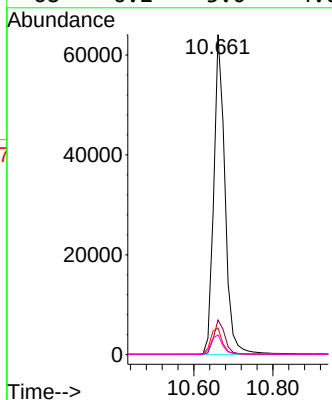
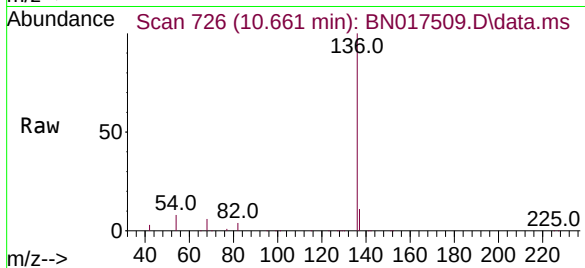




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

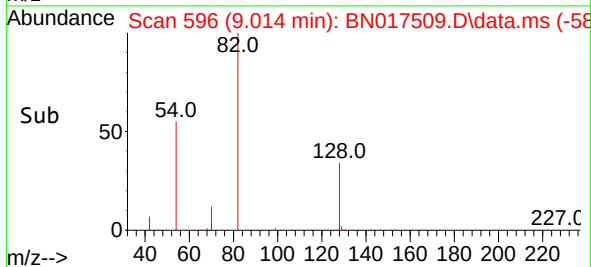
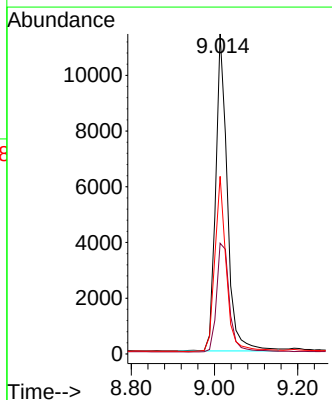
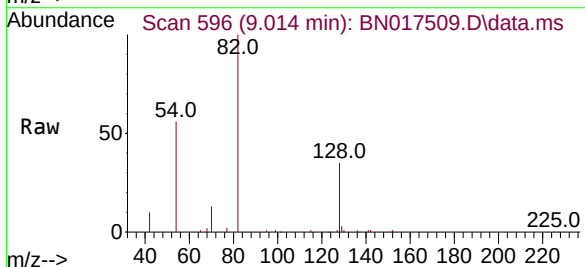
Instrument :
BNA_N
ClientSampleId :
PB140422BL

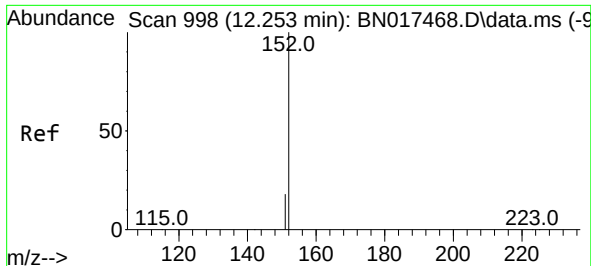
Tgt Ion:136 Resp: 125947
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.3 4.0 6.0#
68 6.2 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 9.014 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

Tgt Ion: 82 Resp: 22108
Ion Ratio Lower Upper
82 100
128 34.6 27.7 41.5
54 55.5 49.2 73.8

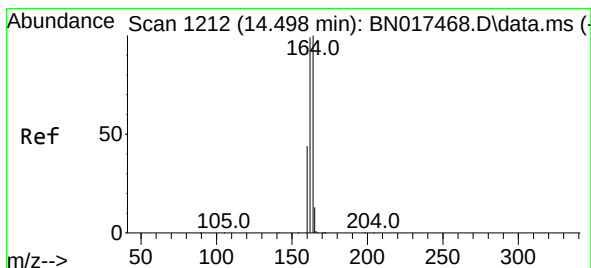
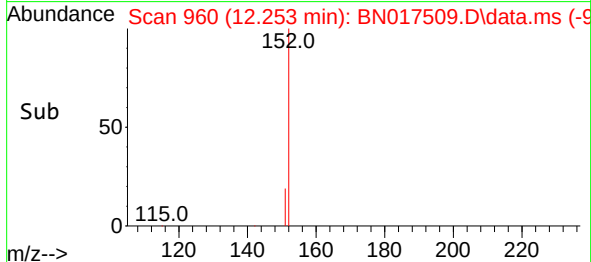
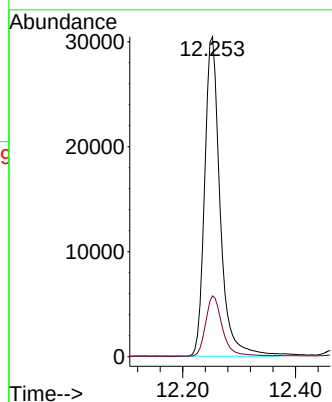
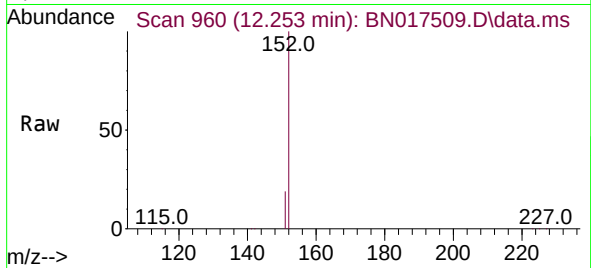




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.253 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

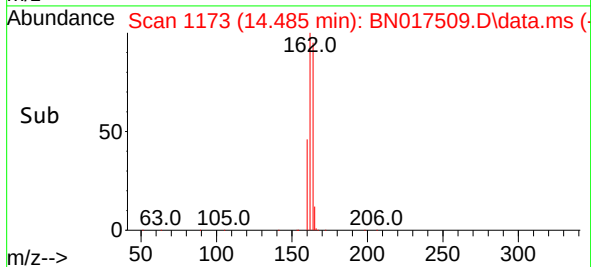
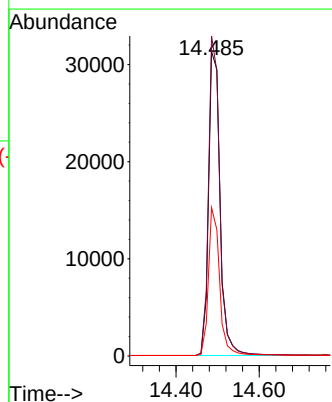
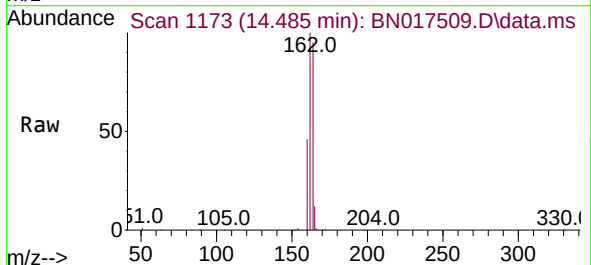
Instrument :
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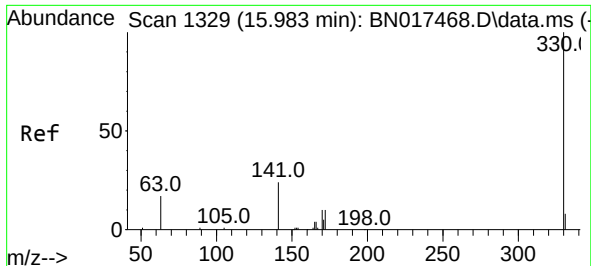
Tgt Ion:152 Resp: 57916
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

Tgt Ion:164 Resp: 60230
Ion Ratio Lower Upper
164 100
162 105.1 81.4 122.2
160 48.7 36.8 55.2

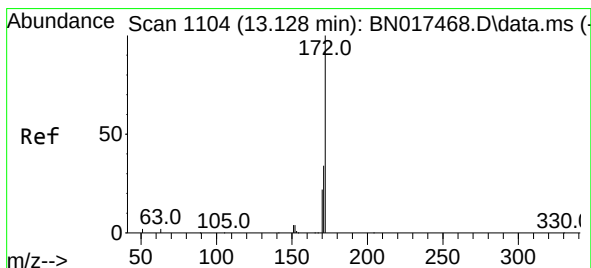
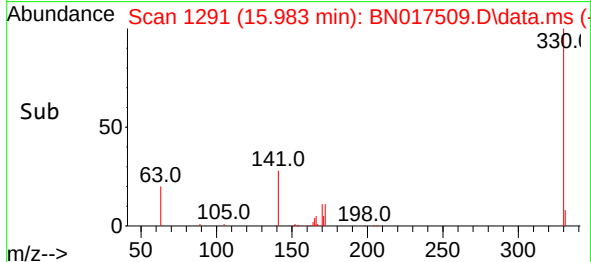
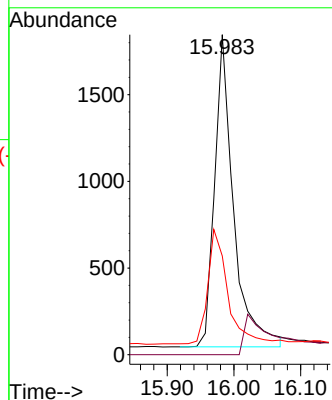
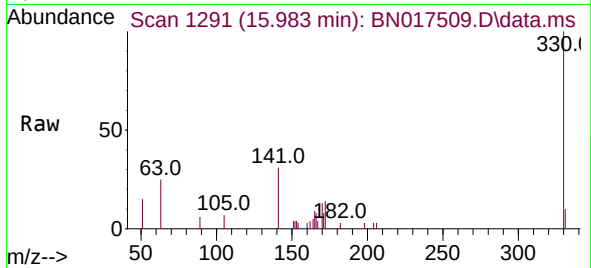




#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 15.983 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

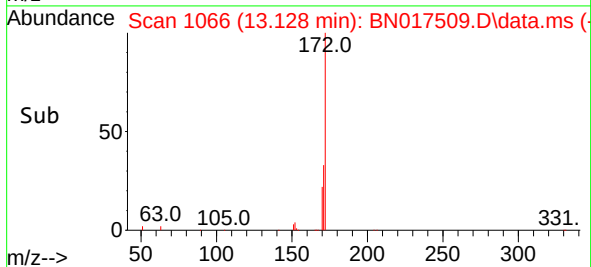
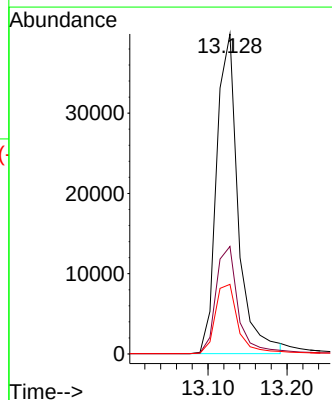
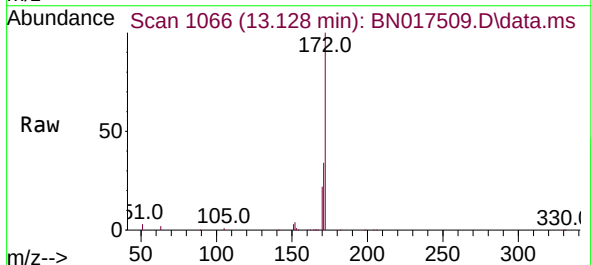
Instrument :
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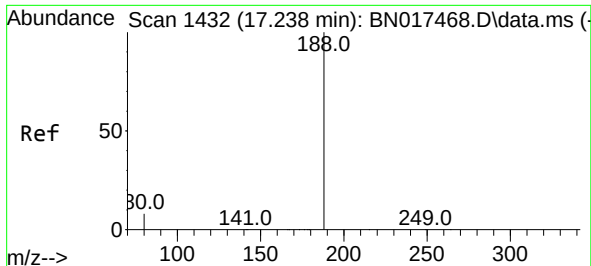
Tgt Ion:330 Resp: 3500
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.3 28.9 43.3



#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.128 min Scan# 1066
Delta R.T. -0.000 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

Tgt Ion:172 Resp: 75631
Ion Ratio Lower Upper
172 100
171 33.6 28.7 43.1
170 21.8 19.4 29.2

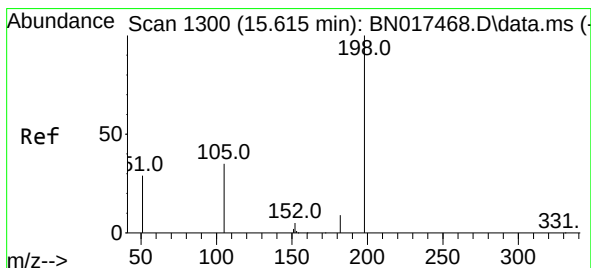
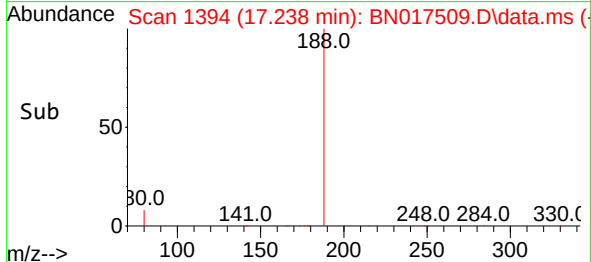
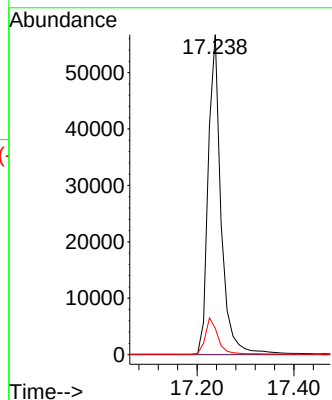
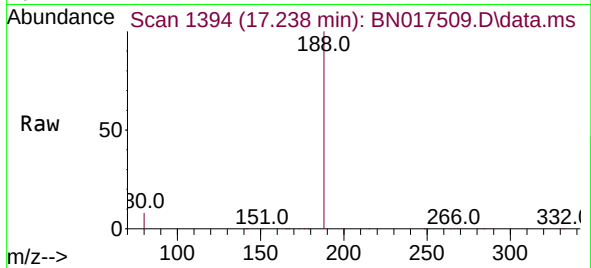




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

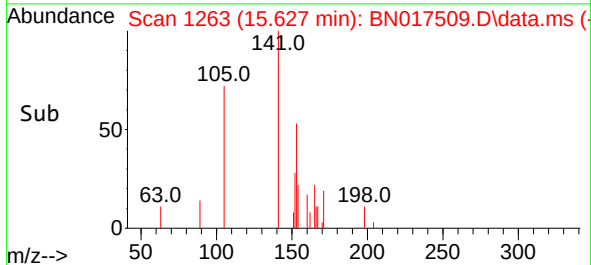
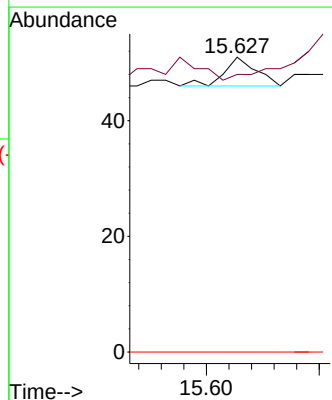
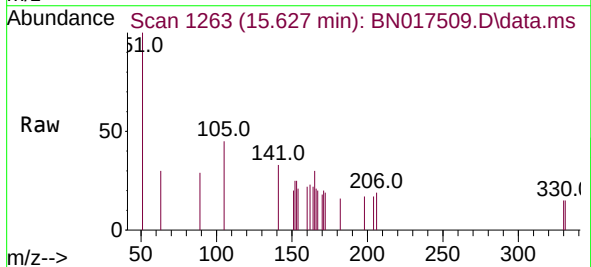
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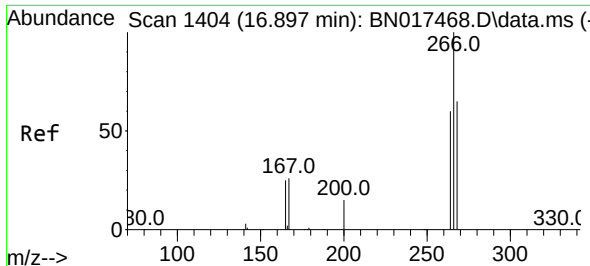
Tgt Ion:188 Resp: 104323
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.091 ng
RT: 15.627 min Scan# 1263
Delta R.T. 0.012 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
182 94.1 11.4 17.2#
77 0.0 0.0 0.0

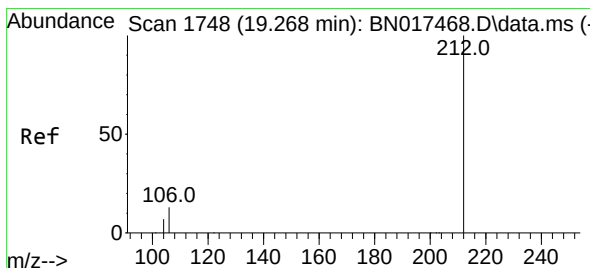
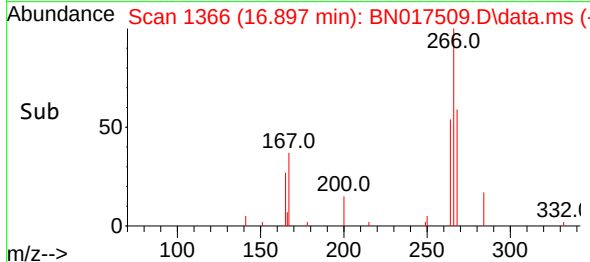
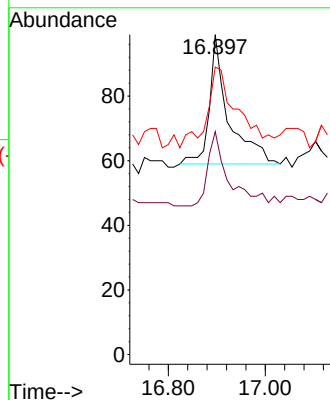
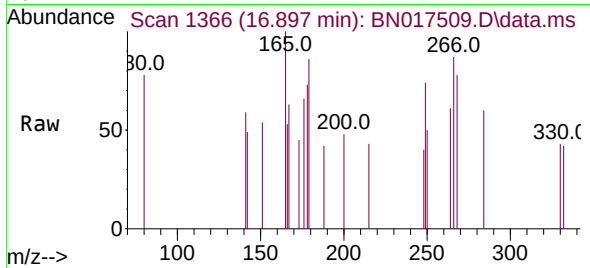




#24
 Pentachlorophenol
 Concen: 0.095 ng
 RT: 16.897 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017509.D
 Acq: 18 Nov 2021 15:14

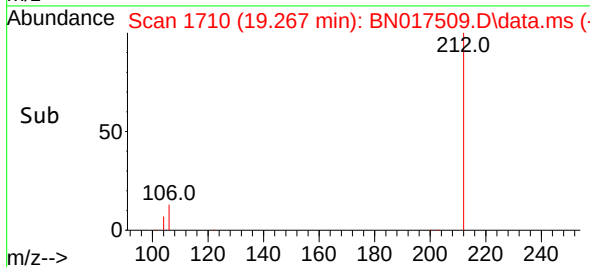
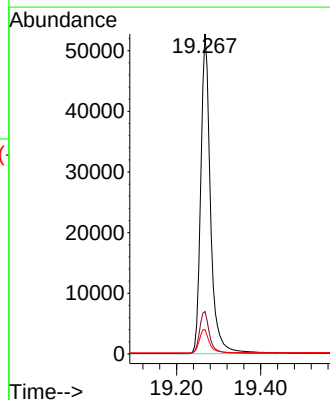
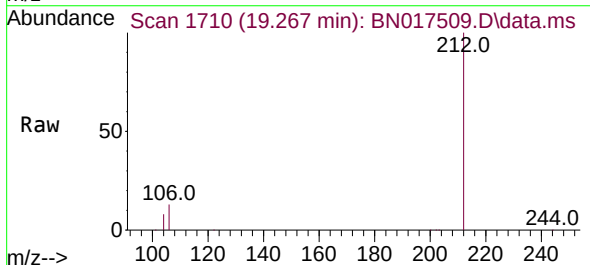
Instrument :
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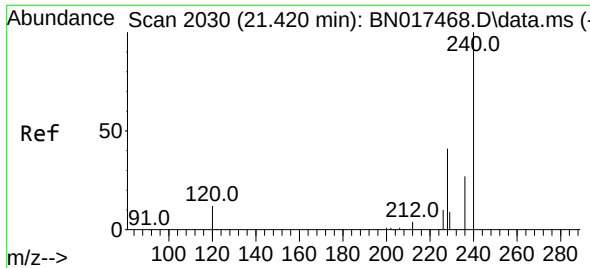
Tgt Ion:266 Resp: 110
 Ion Ratio Lower Upper
 266 100
 264 64.5 49.8 74.8
 268 100.0 51.3 76.9#



#27
 Fluoranthene-d10
 Concen: 0.272 ng
 RT: 19.267 min Scan# 1710
 Delta R.T. -0.000 min
 Lab File: BN017509.D
 Acq: 18 Nov 2021 15:14

Tgt Ion:212 Resp: 84884
 Ion Ratio Lower Upper
 212 100
 106 13.4 10.5 15.7
 104 7.5 5.8 8.6

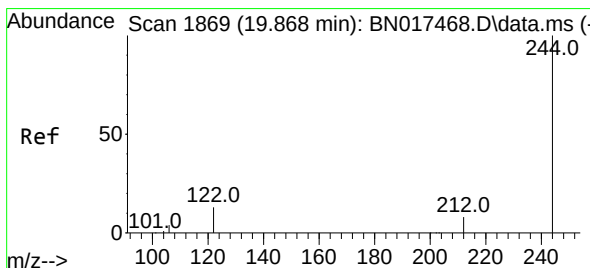
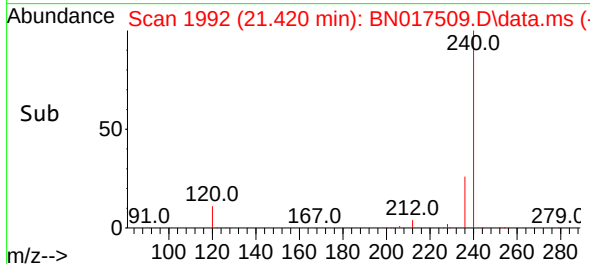
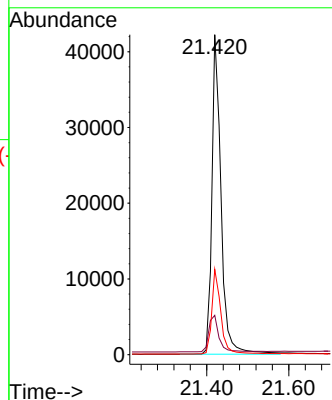
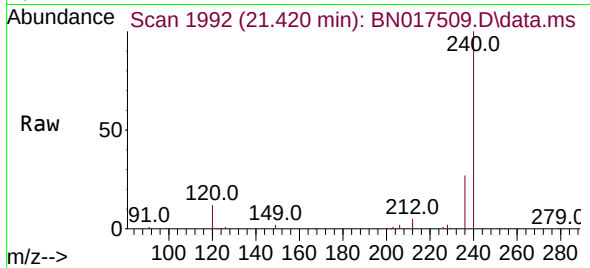




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

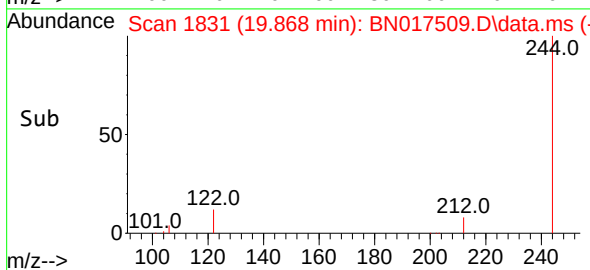
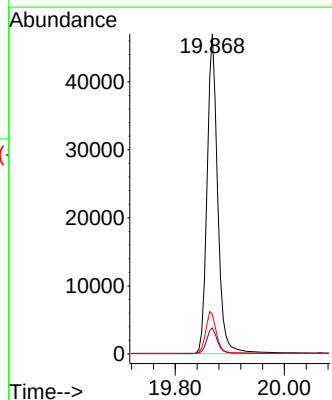
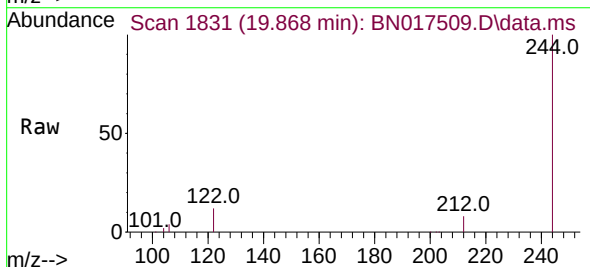
Instrument :
BNA_N
ClientSampleId :
PB140422BL

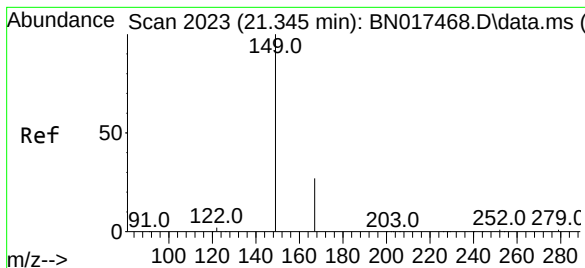
Tgt Ion:240 Resp: 65262
Ion Ratio Lower Upper
240 100
120 12.3 4.2 6.2#
236 26.7 20.0 30.0



#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.868 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BN017509.D
Acq: 18 Nov 2021 15:14

Tgt Ion:244 Resp: 63747
Ion Ratio Lower Upper
244 100
212 8.2 5.7 8.5
122 12.4 8.6 13.0

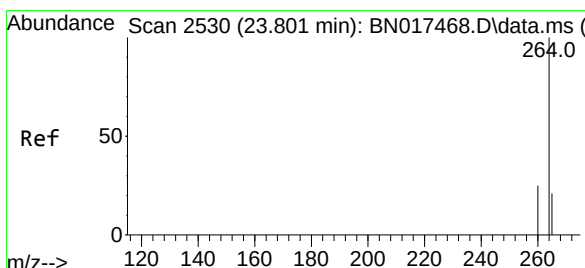
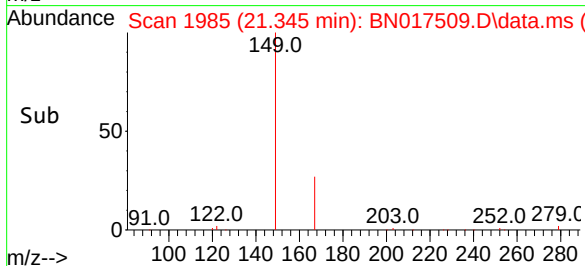
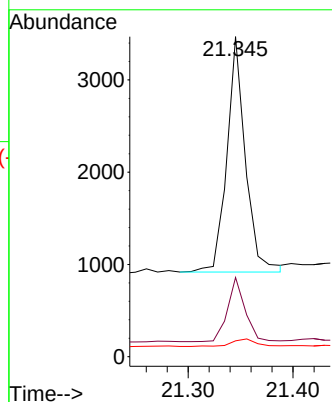
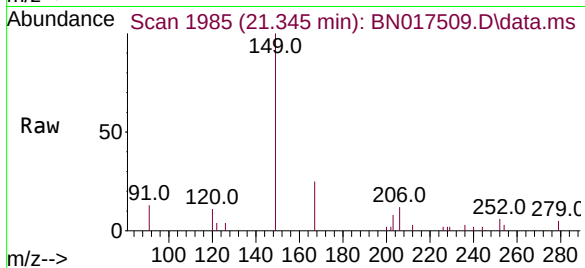




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.030 ng
 RT: 21.345 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: BN017509.D
 Acq: 18 Nov 2021 15:14

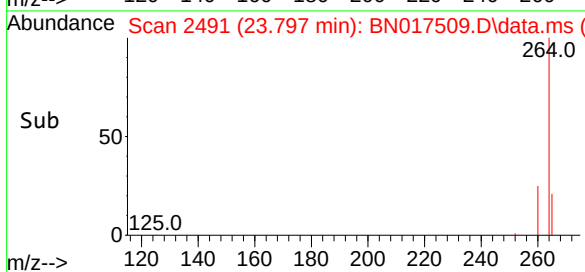
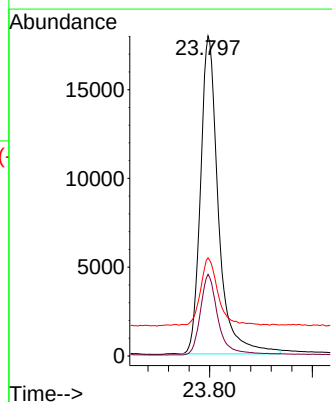
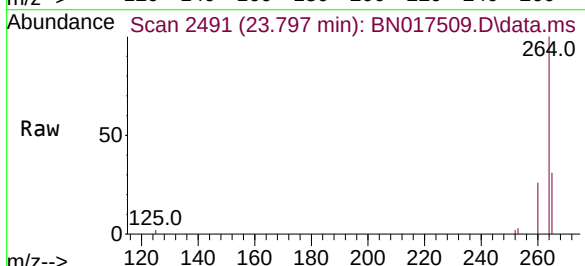
Instrument :
 BNA_N
 ClientSampleId :
 PB140422BL

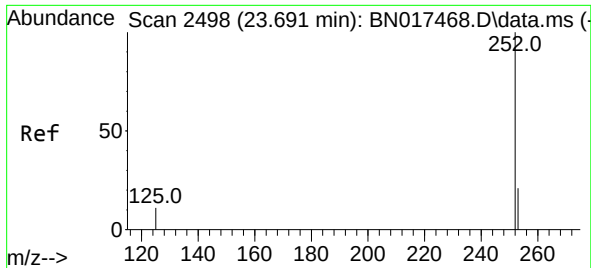
Tgt Ion:149 Resp: 3136
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.8 32.6
 279 4.2 3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.797 min Scan# 2491
 Delta R.T. -0.004 min
 Lab File: BN017509.D
 Acq: 18 Nov 2021 15:14

Tgt Ion:264 Resp: 43298
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.4 29.2
 265 30.7 18.6 28.0#





#39

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.722 min Scan# 24

Delta R.T. 0.031 min

Lab File: BN017509.D

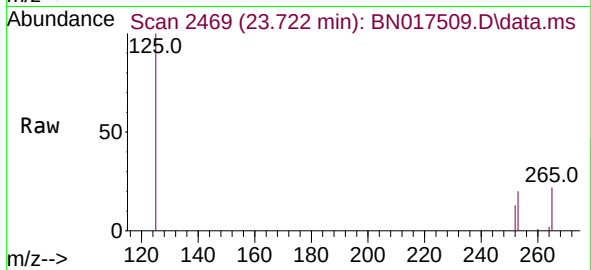
Acq: 18 Nov 2021 15:14

Instrument :

BNA_N

ClientSampleId :

PB140422BL



Tgt Ion:252 Resp: 2616

Ion Ratio Lower Upper

252 100

253 149.3 17.9 26.9#

125 754.0 9.2 13.8#

