

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016460.D
 Acq On : 25 Sep 2021 06:01
 Operator : CG/JU
 Sample : M3782-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 25 06:47:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

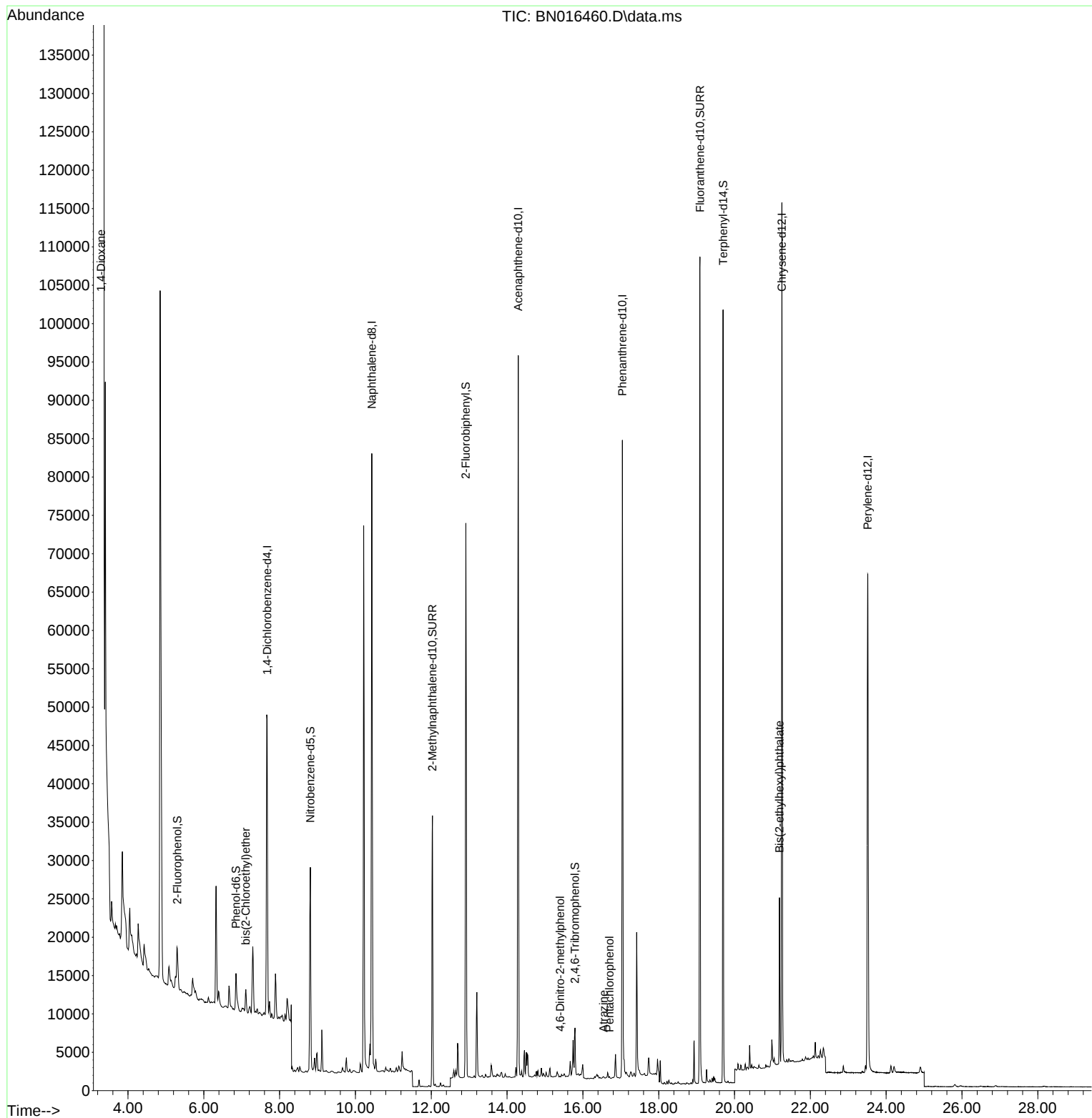
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	23124	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	103034	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	53278	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	107797	0.400	ng	0.00
29) Chrysene-d12	21.249	240	102028	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	87721	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.301	112	6645	0.128	ng	0.02
5) Phenol-d6	6.850	99	4507	0.074	ng	0.00
8) Nitrobenzene-d5	8.810	82	21148	0.290	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	45311	0.297	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4811	0.367	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	61597	0.275	ng	-0.01
27) Fluoranthene-d10	19.088	212	123643	0.418	ng	0.00
31) Terphenyl-d14	19.698	244	99268	0.419	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	63493	6.407	ng	# 89
6) bis(2-Chloroethyl)ether	7.108	93	2192	0.035	ng	93
20) 4,6-Dinitro-2-methylph...	15.398	198	13	0.148	ng	# 1
23) Atrazine	16.543	200	57	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	58	0.246	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.185	149	19072	0.236	ng	97

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

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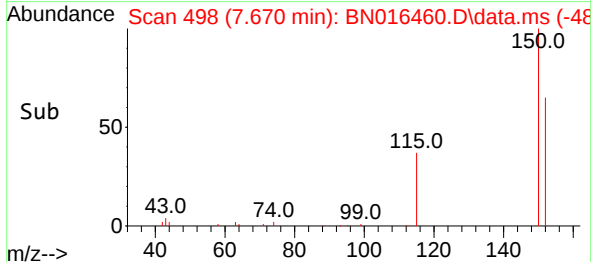
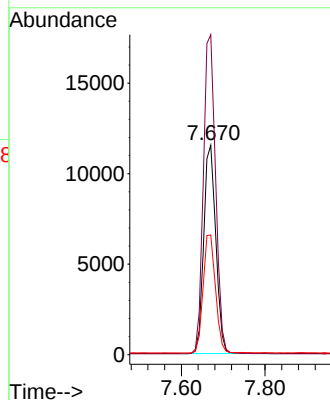
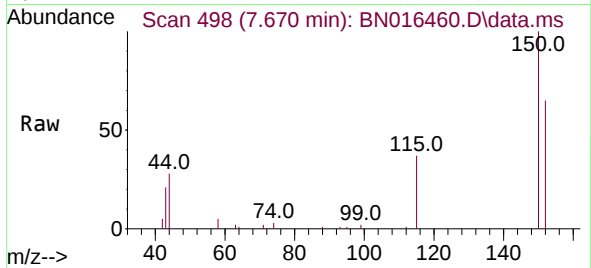




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016460.D
 Acq: 25 Sep 2021 06:01

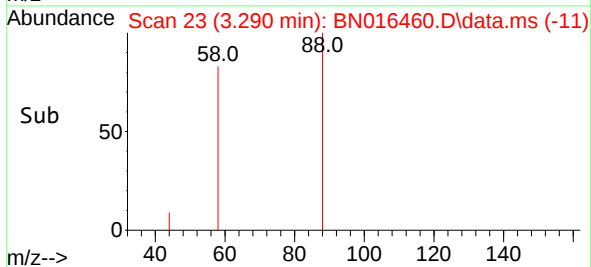
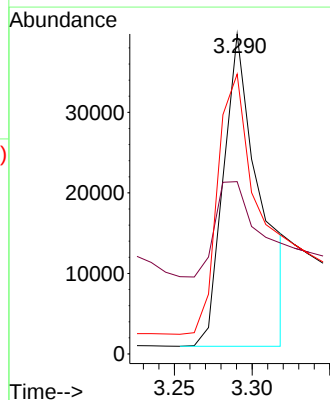
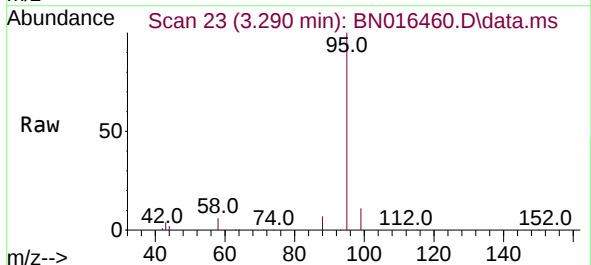
Instrument :
 BNA_N
 ClientSampled :

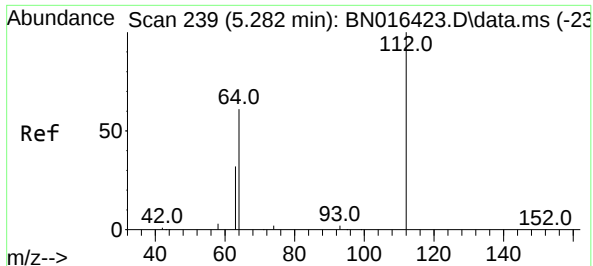
Tgt Ion:152 Resp: 23124
 Ion Ratio Lower Upper
 152 100
 150 152.8 125.6 188.4
 115 57.1 50.2 75.2



#2
 1,4-Dioxane
 Concen: 6.407 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.010 min
 Lab File: BN016460.D
 Acq: 25 Sep 2021 06:01

Tgt Ion: 88 Resp: 63493
 Ion Ratio Lower Upper
 88 100
 43 36.2 20.3 30.5#
 58 94.3 69.9 104.9

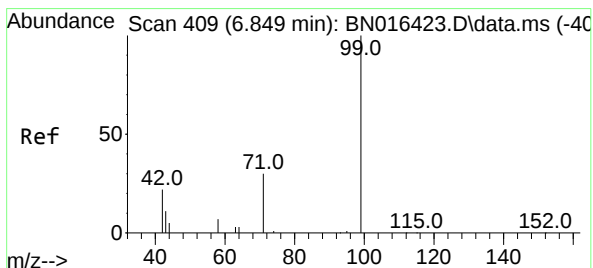
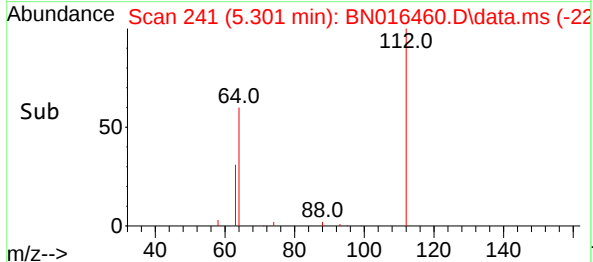
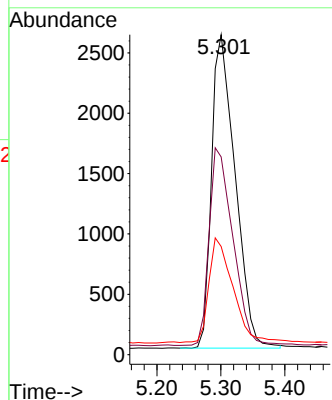
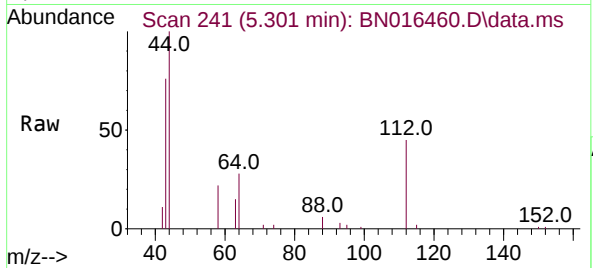




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.301 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

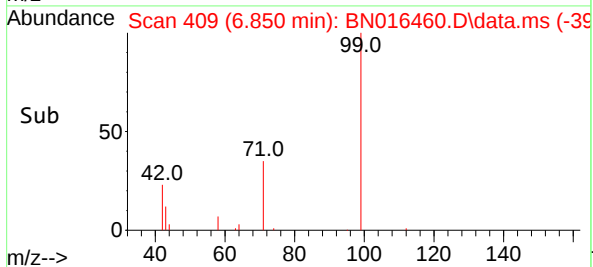
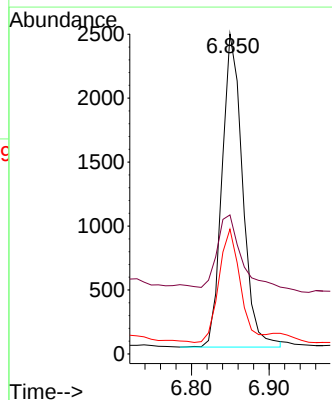
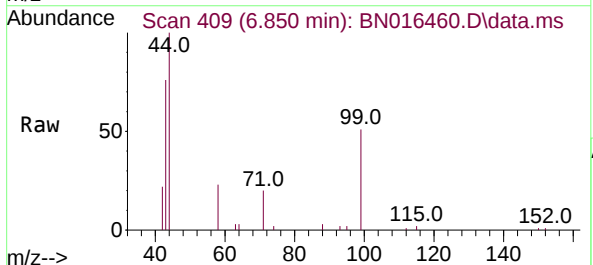
Instrument :
BNA_N
ClientSampled :

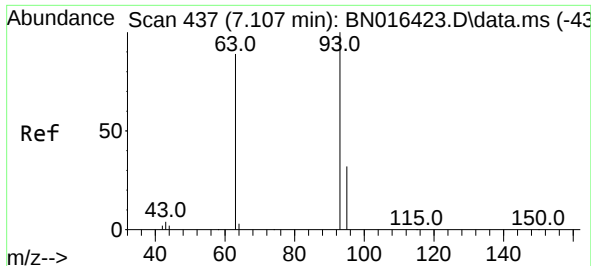
Tgt Ion: 112 Resp: 6645
Ion Ratio Lower Upper
112 100
64 63.5 47.3 70.9
63 34.0 23.4 35.0



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.850 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

Tgt Ion: 99 Resp: 4507
Ion Ratio Lower Upper
99 100
42 25.8 14.0 21.0#
71 38.2 23.8 35.6#

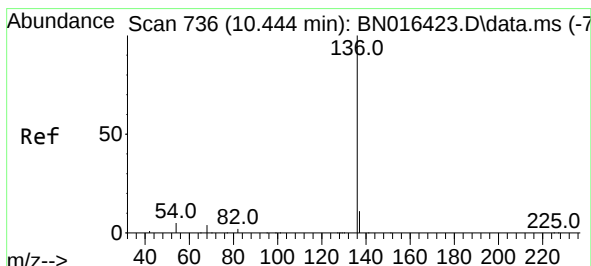
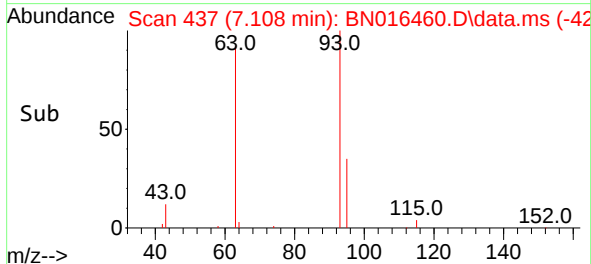
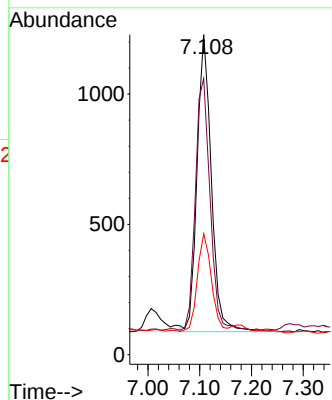
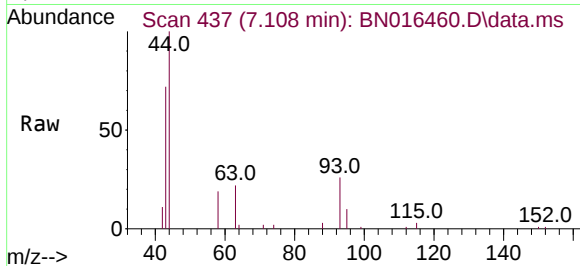




#6
bis(2-Chloroethyl)ether
Concen: 0.035 ng
RT: 7.108 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

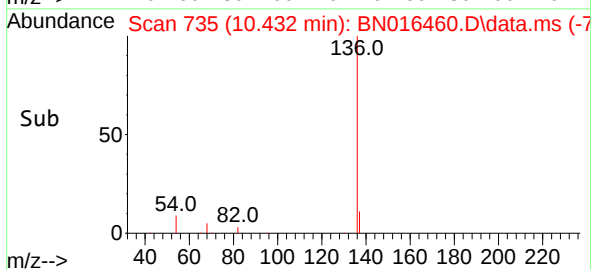
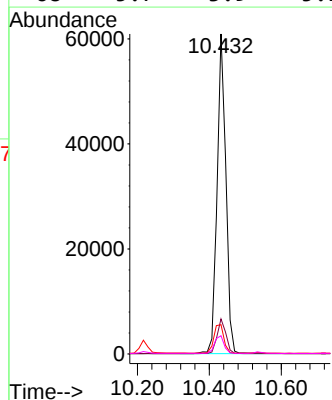
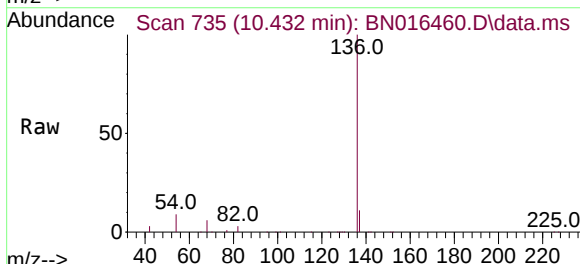
Instrument :
BNA_N
ClientSampleId :

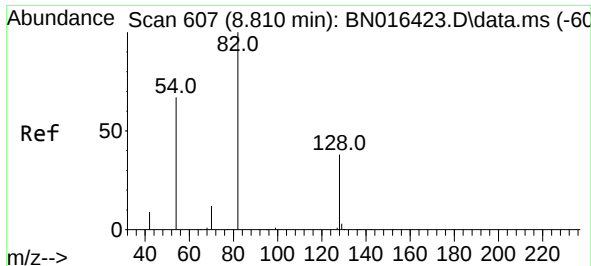
Tgt Ion:	93	Resp:	2192
Ion	Ratio	Lower	Upper
93	100		
63	87.2	63.4	95.0
95	32.5	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

Tgt Ion:	136	Resp:	103034
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.2	5.3	7.9#
68	5.7	3.9	5.9

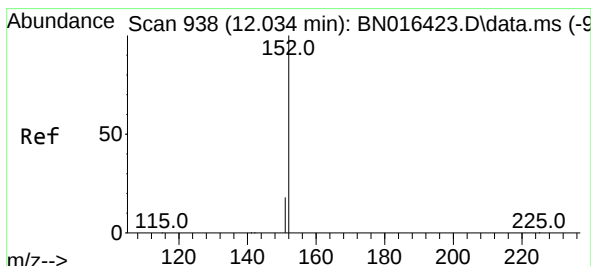
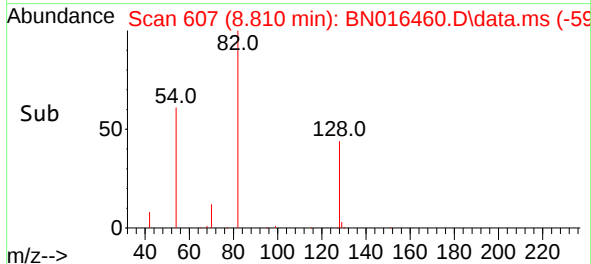
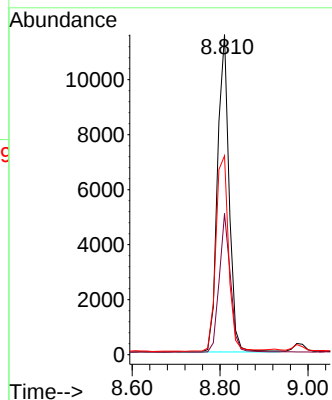
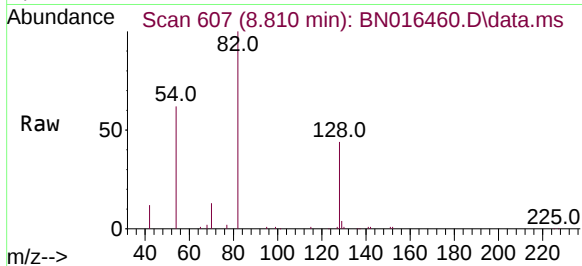




#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

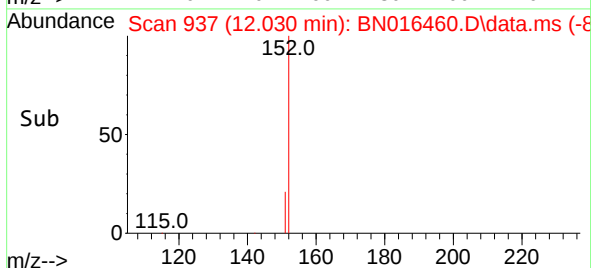
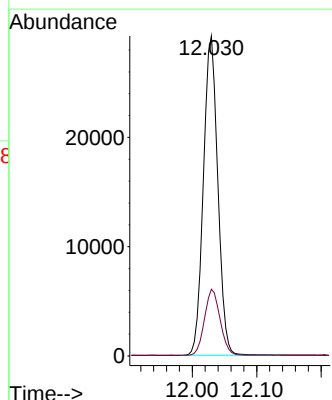
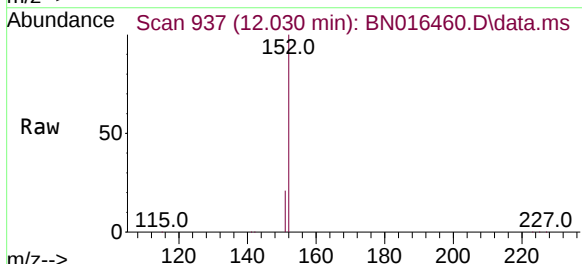
Instrument :
BNA_N
ClientSampleId :

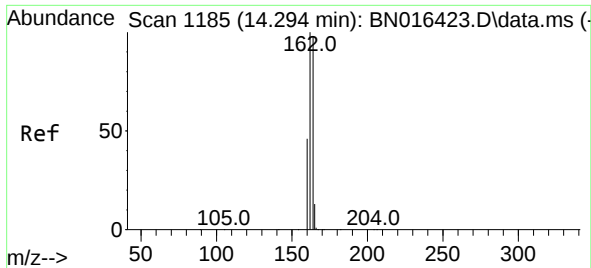
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.1	31.7	47.5
54	62.1	46.4	69.6



#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.030 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.1	24.1

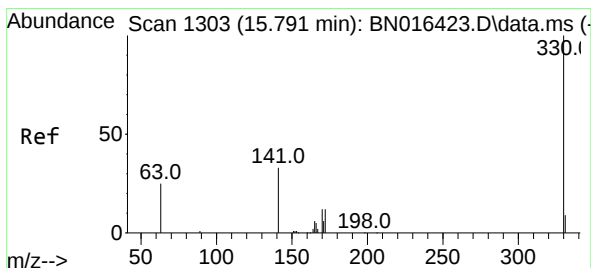
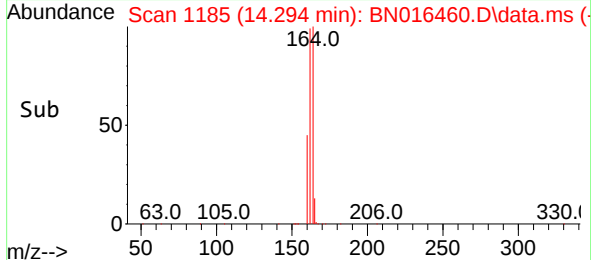
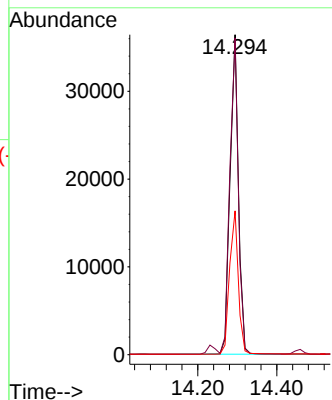
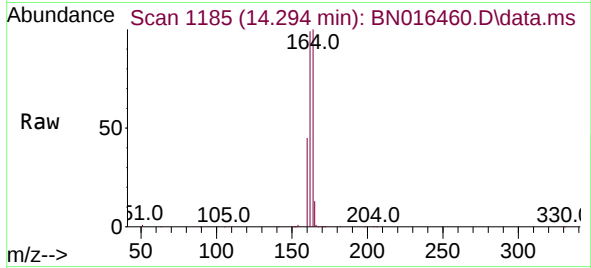




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

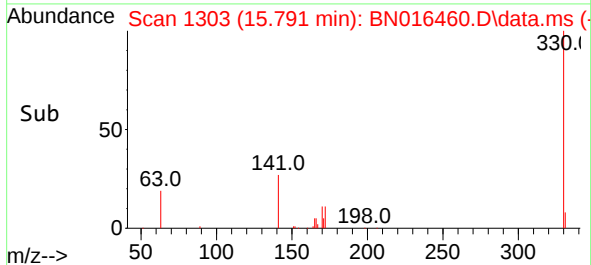
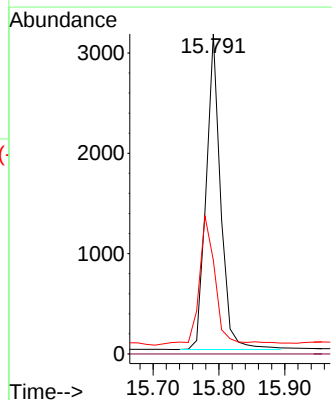
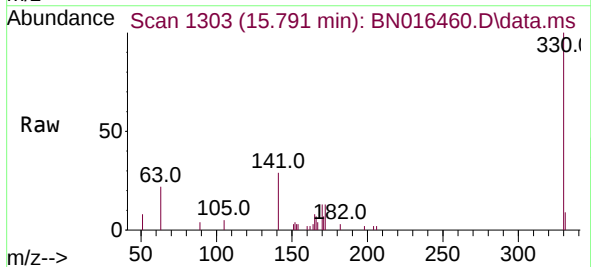
Instrument :
BNA_N
ClientSampled :

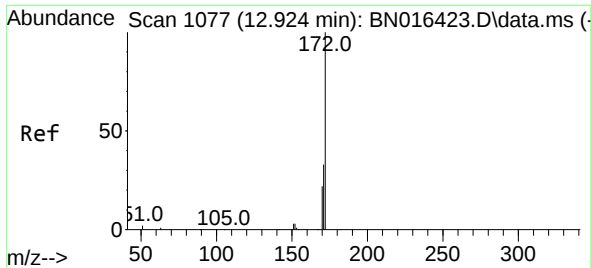
Tgt Ion:164 Resp: 53278
Ion Ratio Lower Upper
164 100
162 99.0 79.0 118.4
160 45.0 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

Tgt Ion:330 Resp: 4811
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.9 25.0 37.4#

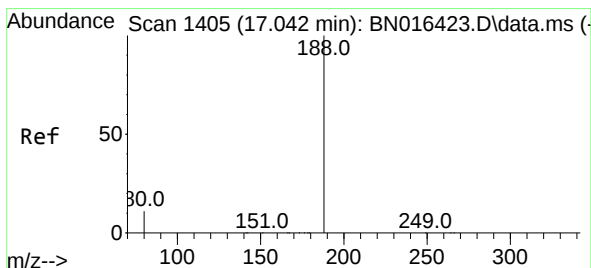
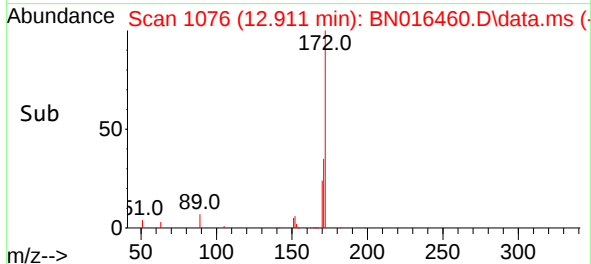
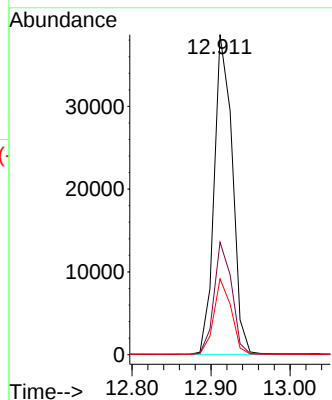
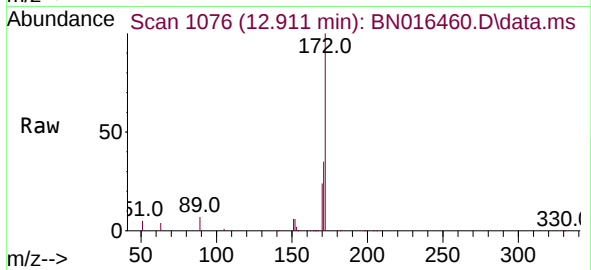




#15
2-Fluorobiphenyl
Concen: 0.275 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

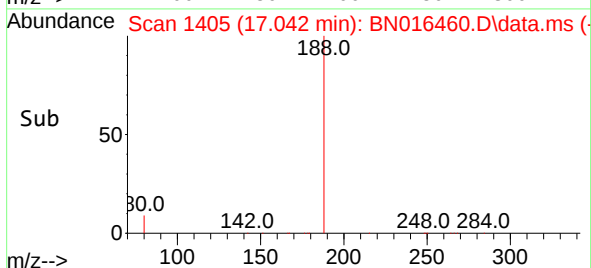
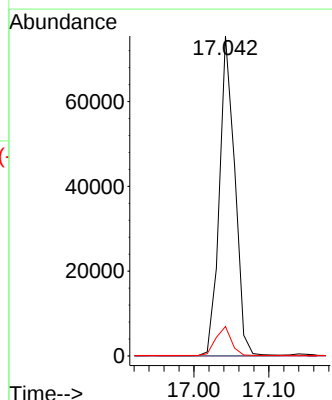
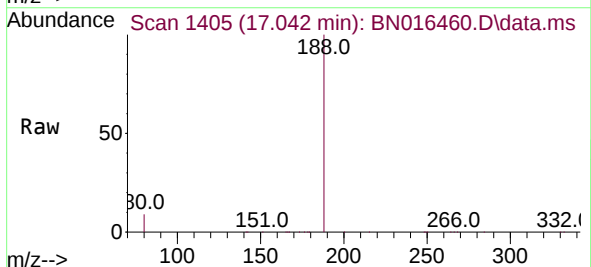
Instrument :
BNA_N
ClientSampleId :

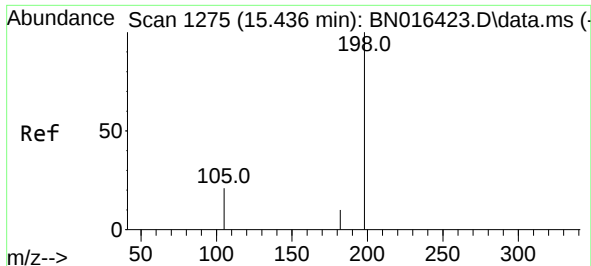
Tgt Ion:172 Resp: 61597
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.7 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

Tgt Ion:188 Resp: 107797
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.0 10.6

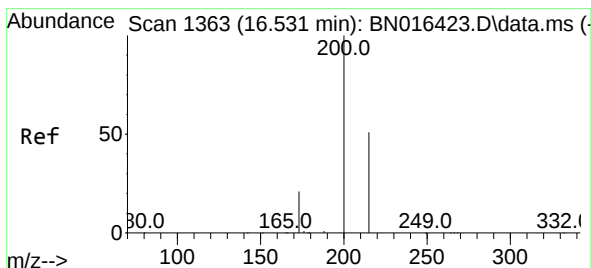
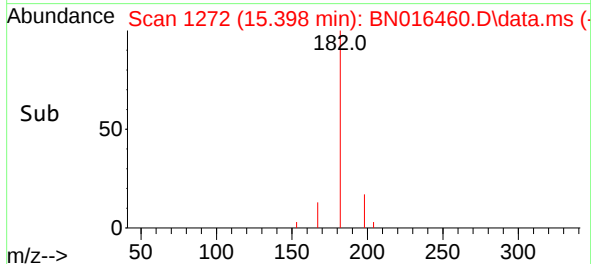
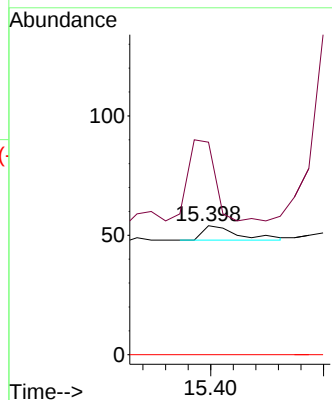
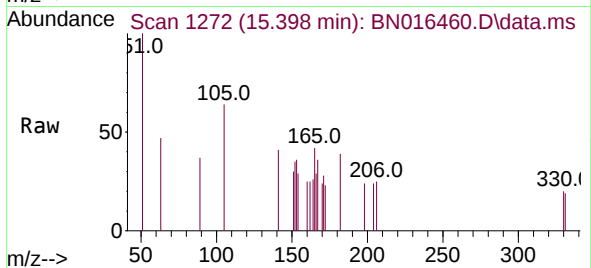




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.038 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

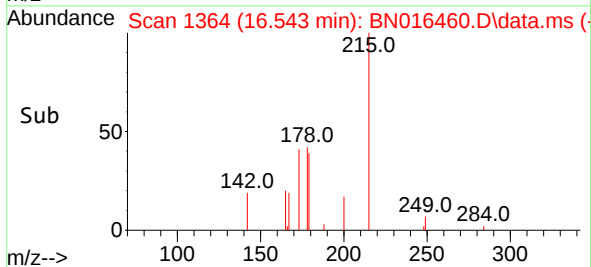
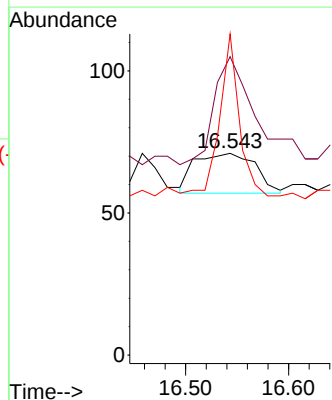
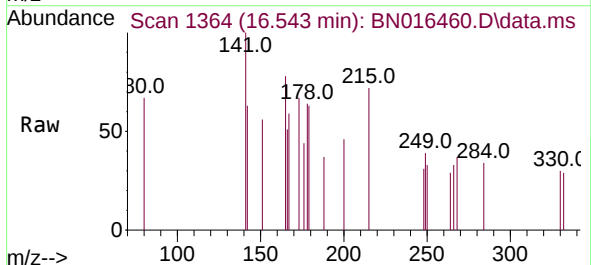
Instrument :
BNA_N
ClientSampled :

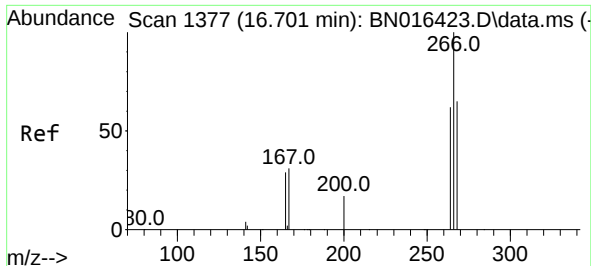
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
182 164.8 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

Tgt Ion:200 Resp: 57
Ion Ratio Lower Upper
200 100
173 147.9 18.7 28.1#
215 159.2 41.6 62.4#

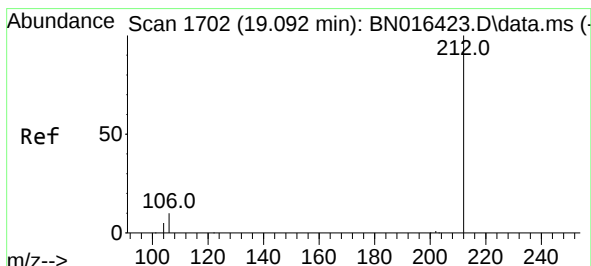
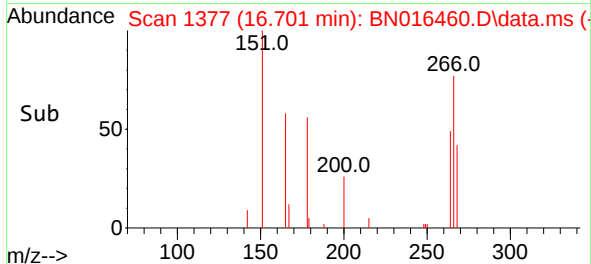
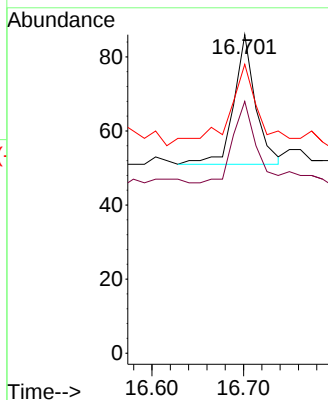
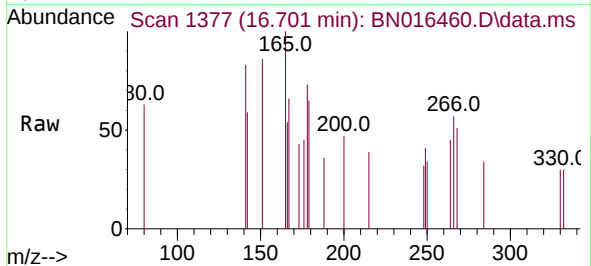




#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

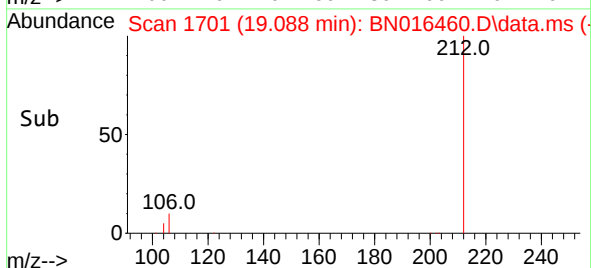
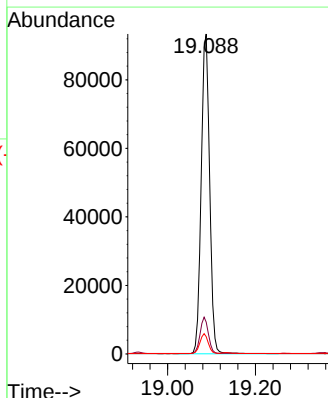
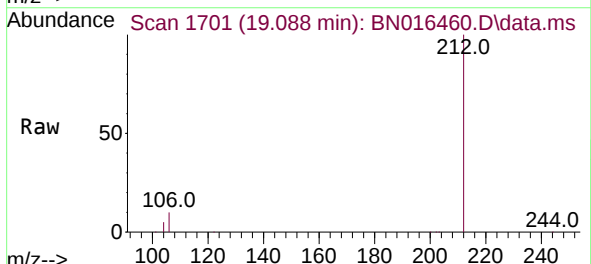
Instrument :
BNA_N
ClientSampleId :

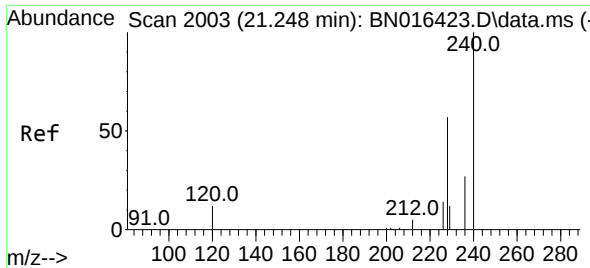
Tgt Ion:266 Resp: 58
Ion Ratio Lower Upper
266 100
264 77.6 50.6 75.8#
268 63.8 52.6 79.0



#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

Tgt Ion:212 Resp: 123643
Ion Ratio Lower Upper
212 100
106 11.1 9.8 14.6
104 6.1 5.4 8.2

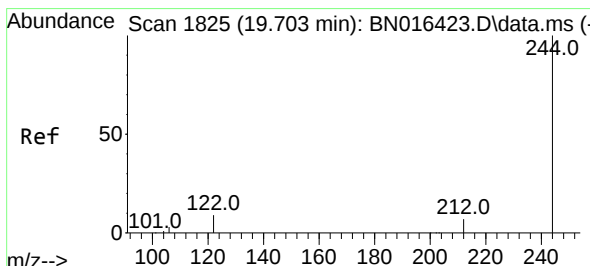
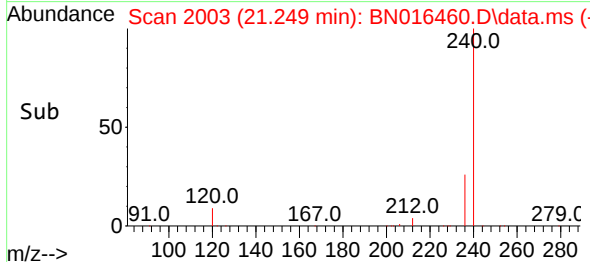
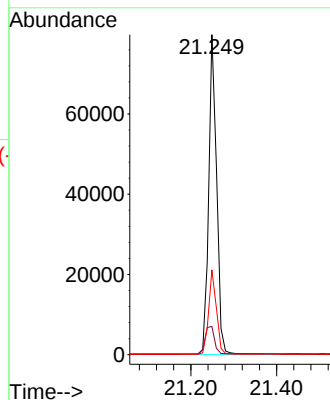
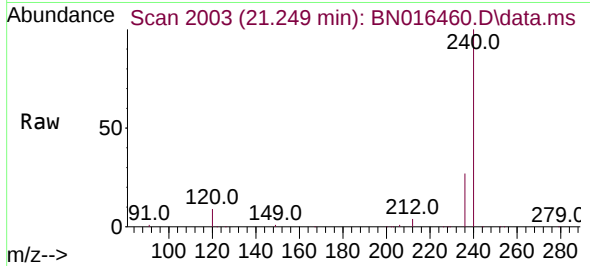




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

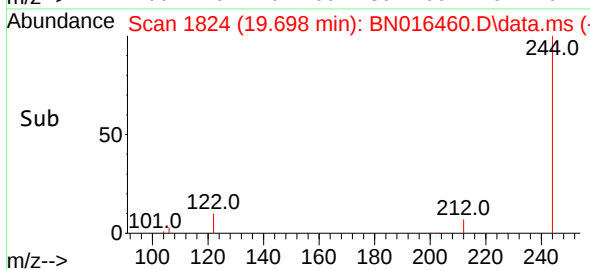
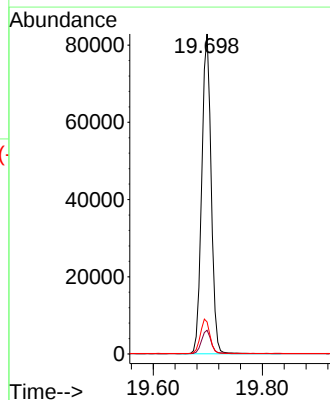
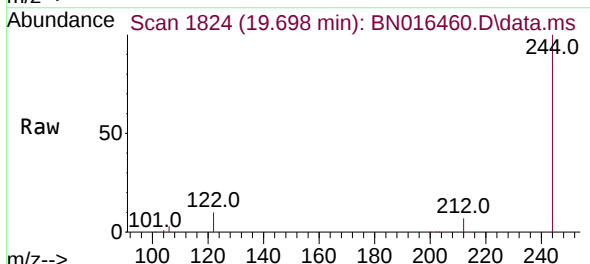
Instrument :
BNA_N
ClientSampleId :

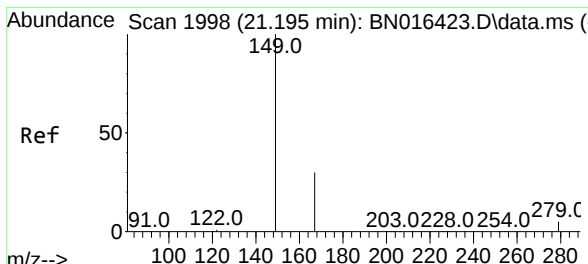
Tgt Ion:240 Resp: 102028
Ion Ratio Lower Upper
240 100
120 8.8 5.3 7.9#
236 26.5 19.8 29.8



#31
Terphenyl-d14
Concen: 0.419 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016460.D
Acq: 25 Sep 2021 06:01

Tgt Ion:244 Resp: 99268
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 10.0 9.0 13.4

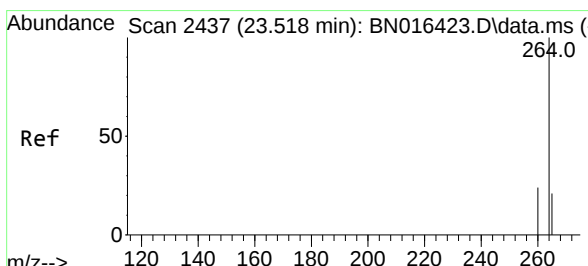
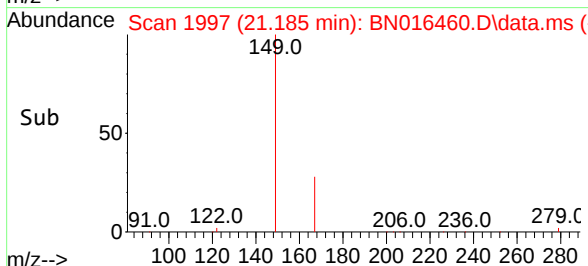
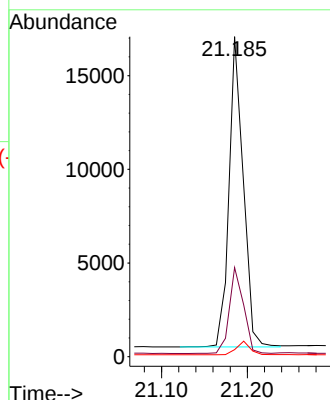
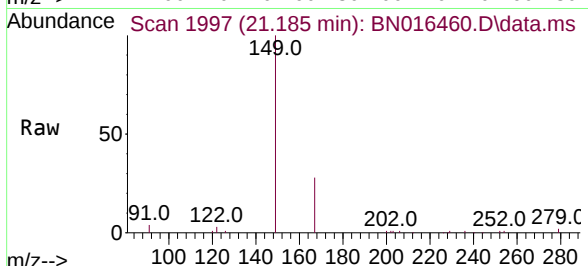




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.236 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016460.D
 Acq: 25 Sep 2021 06:01

Instrument :
 BNA_N
 ClientSampled :

Tgt Ion:	149	Resp:	19072
Ion Ratio	Lower	Upper	
149	100		
167	27.6	23.4	35.0
279	4.3	3.9	5.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.003 min
 Lab File: BN016460.D
 Acq: 25 Sep 2021 06:01

Tgt Ion:	264	Resp:	87721
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.9	28.3
265	23.7	23.7	35.5

