

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016458.D
 Acq On : 25 Sep 2021 04:49
 Operator : CG/JU
 Sample : M3782-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 25 06:08:45 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)

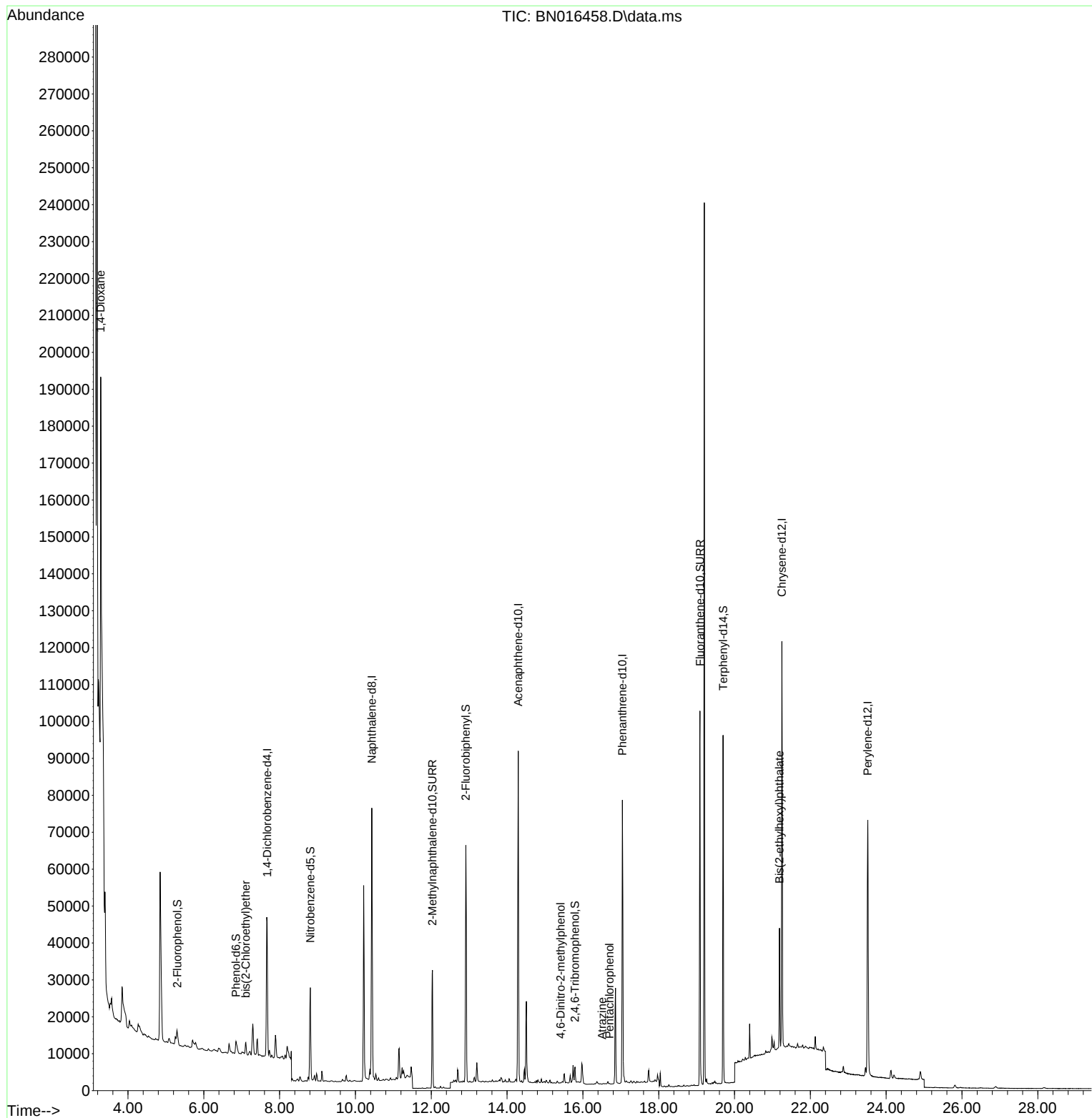
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	21300	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	94465	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	51686	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	104271	0.400	ng	0.00
29) Chrysene-d12	21.249	240	103742	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	92047	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	4603	0.096	ng	0.02
5) Phenol-d6	6.849	99	3065	0.054	ng	0.00
8) Nitrobenzene-d5	8.810	82	20330	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	43118	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3177	0.289	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	56690	0.261	ng	-0.01
27) Fluoranthene-d10	19.088	212	113365	0.396	ng	0.00
31) Terphenyl-d14	19.698	244	91922	0.381	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	82705	9.060	ng	# 90
6) bis(2-Chloroethyl)ether	7.108	93	2600	0.046	ng	92
20) 4,6-Dinitro-2-methylph...	15.411	198	39	0.151	ng	# 1
23) Atrazine	16.506	200	32	0.136	ng	# 3
24) Pentachlorophenol	16.701	266	61	0.246	ng	99
34) Bis(2-ethylhexyl)phtha...	21.185	149	28977	0.353	ng	98

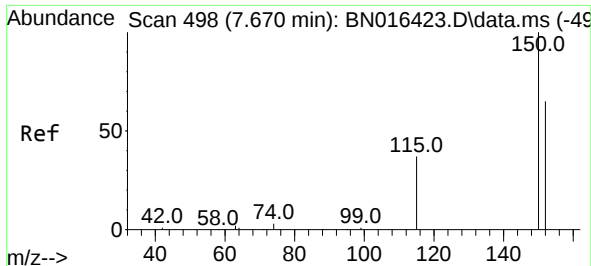
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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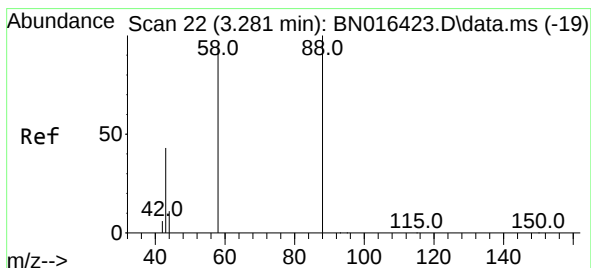
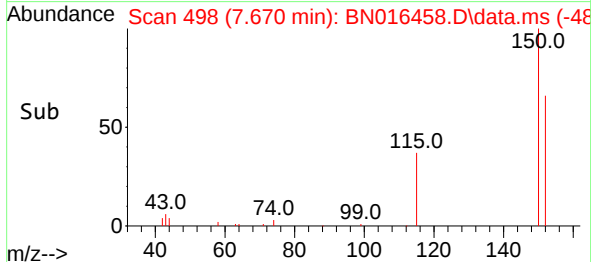
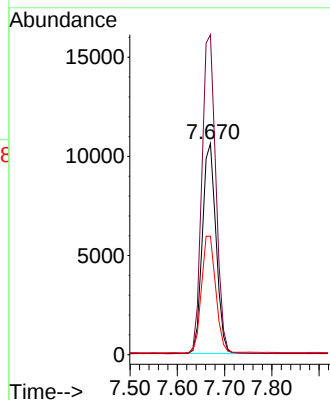
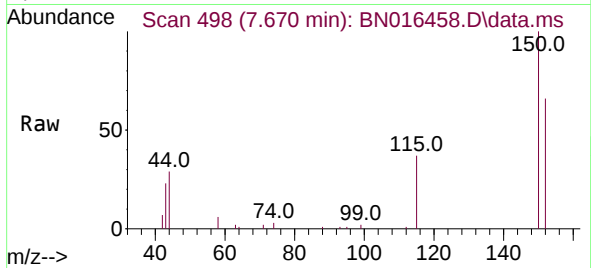




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016458.D
 Acq: 25 Sep 2021 04:49

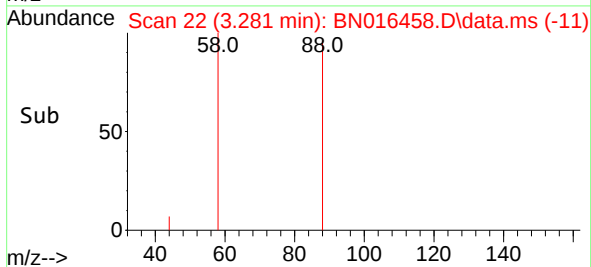
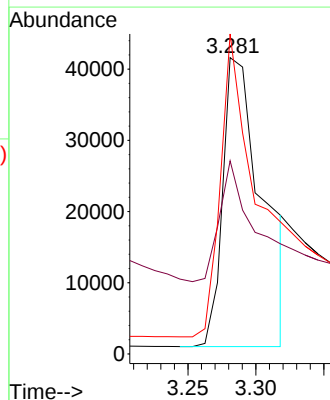
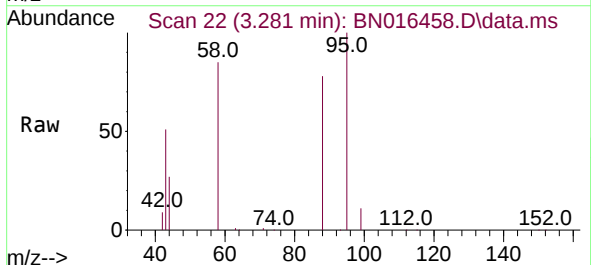
Instrument :
 BNA_N
 ClientSampleId :

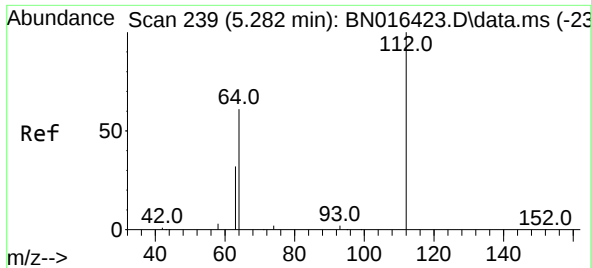
Tgt Ion:152 Resp: 21300
 Ion Ratio Lower Upper
 152 100
 150 151.5 125.6 188.4
 115 56.1 50.2 75.2



#2
 1,4-Dioxane
 Concen: 9.060 ng
 RT: 3.281 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN016458.D
 Acq: 25 Sep 2021 04:49

Tgt Ion: 88 Resp: 82705
 Ion Ratio Lower Upper
 88 100
 43 35.9 20.3 30.5#
 58 94.2 69.9 104.9

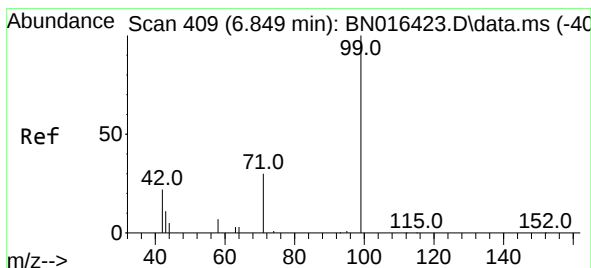
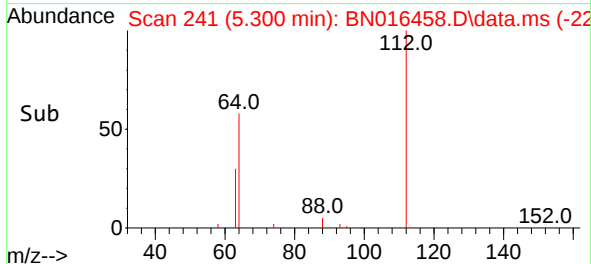
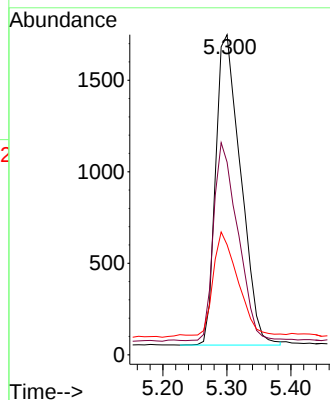
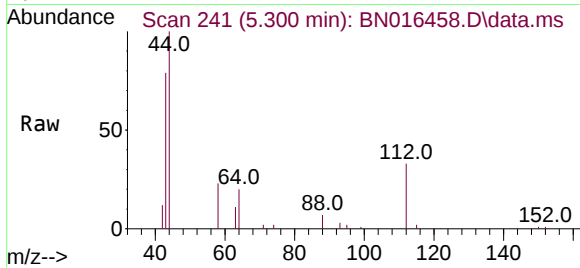




#4
2-Fluorophenol
Concen: 0.096 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

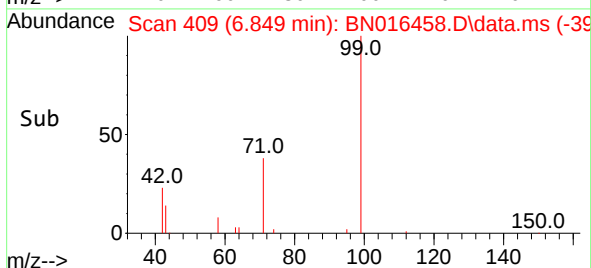
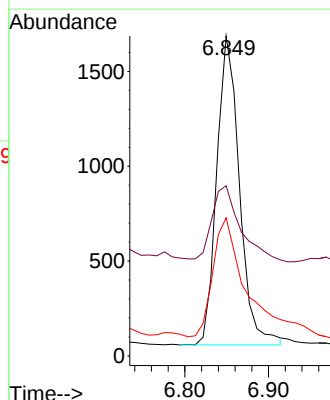
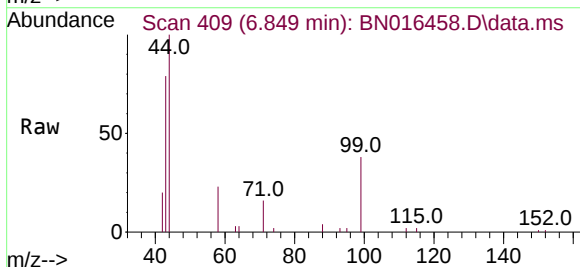
Instrument :
BNA_N
ClientSampleId :

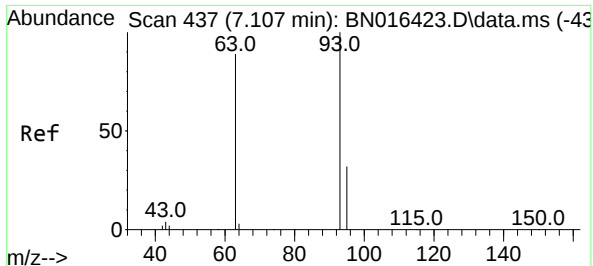
Tgt Ion:112 Resp: 4603
Ion Ratio Lower Upper
112 100
64 61.9 47.3 70.9
63 35.0 23.4 35.0



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion: 99 Resp: 3065
Ion Ratio Lower Upper
99 100
42 29.0 14.0 21.0#
71 53.6 23.8 35.6#

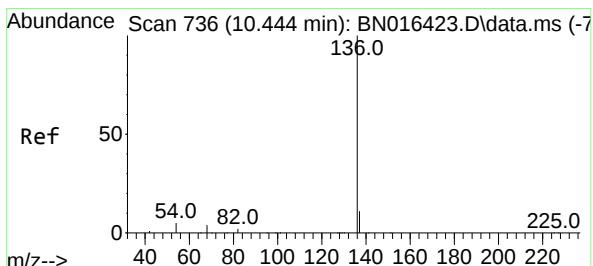
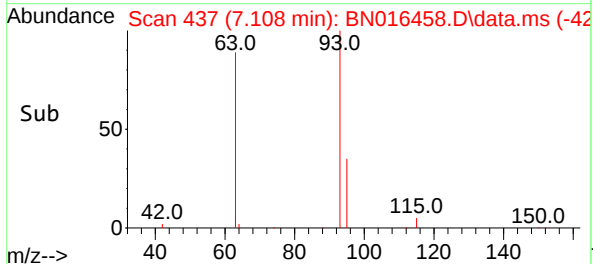
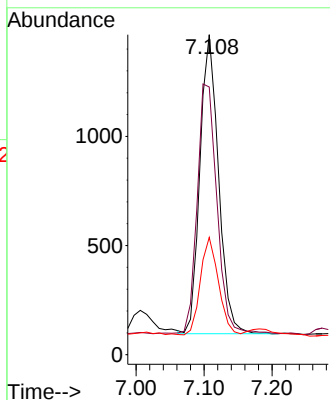
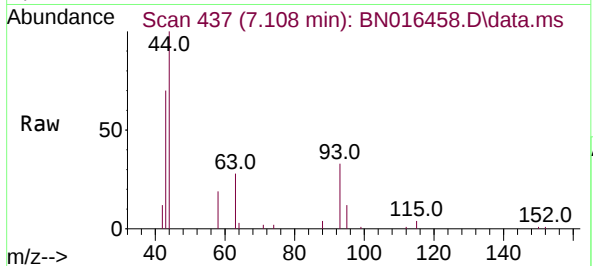




#6
bis(2-Chloroethyl)ether
Concen: 0.046 ng
RT: 7.108 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

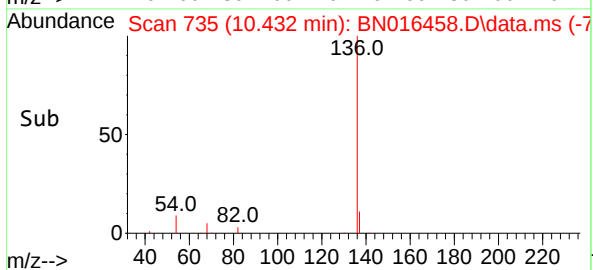
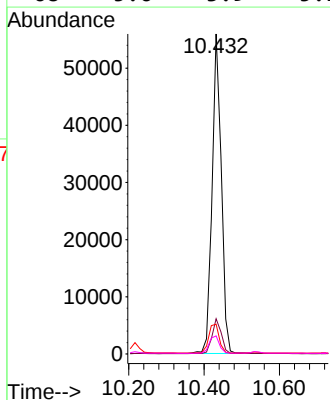
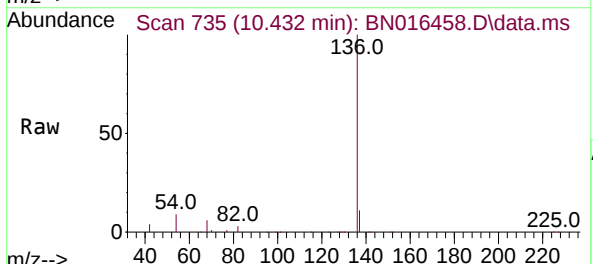
Instrument :
BNA_N
ClientSampleId :

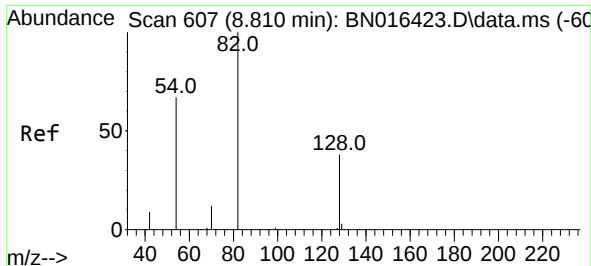
Tgt Ion:	93	Resp:	2600
Ion	Ratio	Lower	Upper
93	100		
63	88.5	63.4	95.0
95	31.8	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:	136	Resp:	94465
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.3	5.3	7.9#
68	5.6	3.9	5.9

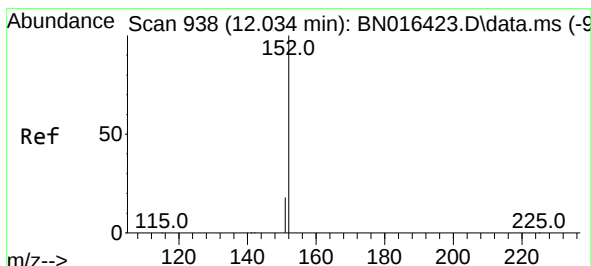
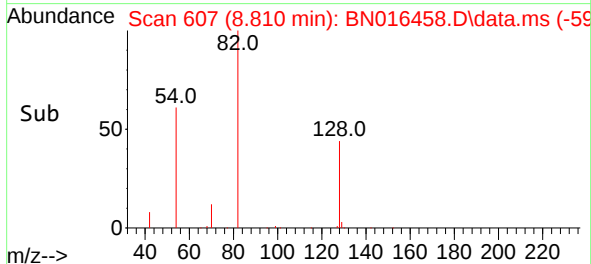
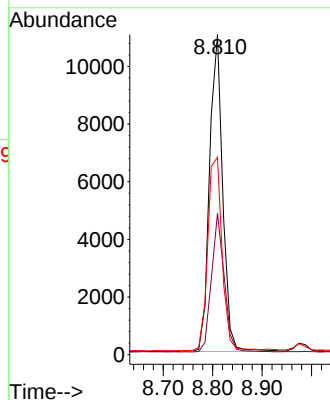
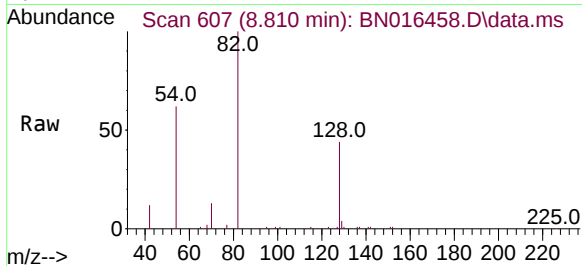




#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

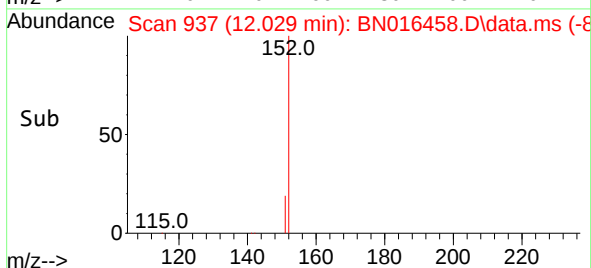
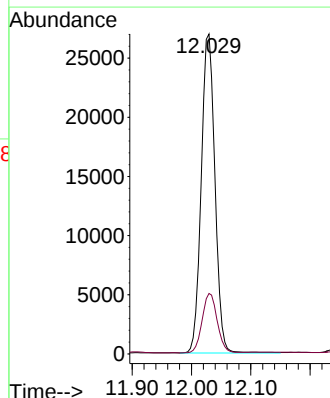
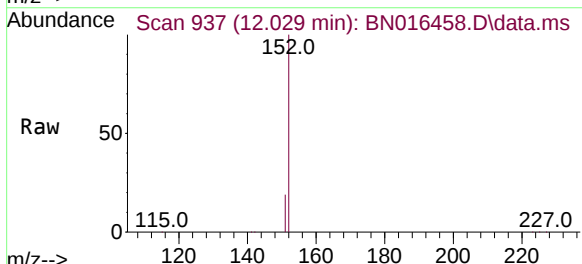
Instrument :
BNA_N
ClientSampleId :

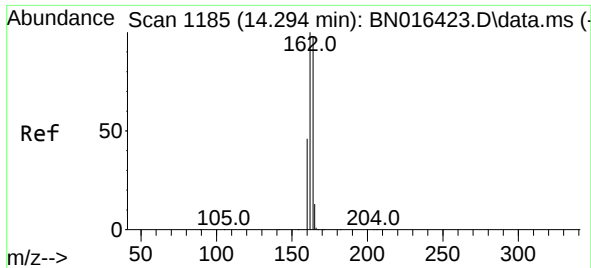
Tgt Ion:	82	Resp:	20330
Ion Ratio	Lower	Upper	
82	100		
128	44.2	31.7	47.5
54	61.7	46.4	69.6



#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:	152	Resp:	43118
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.1	24.1

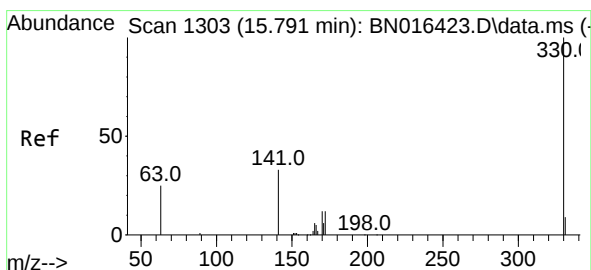
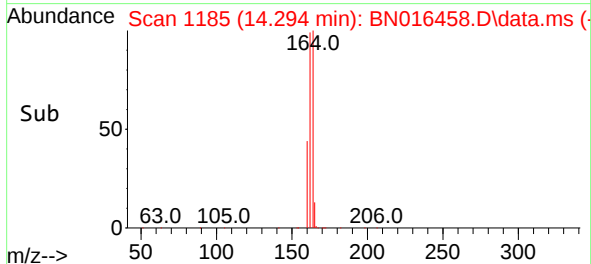
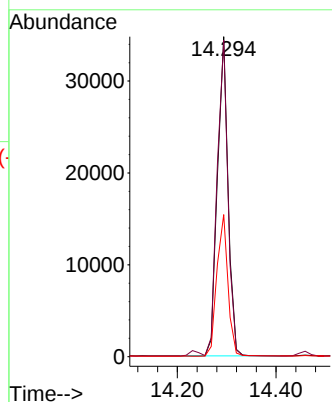
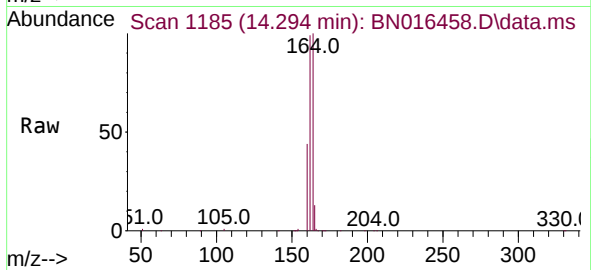




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

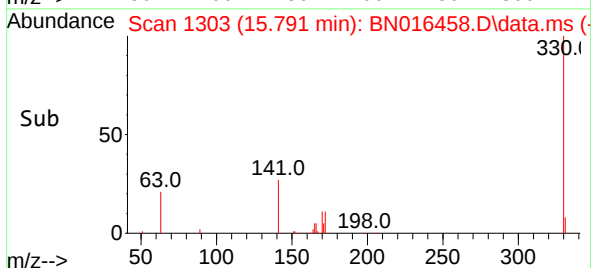
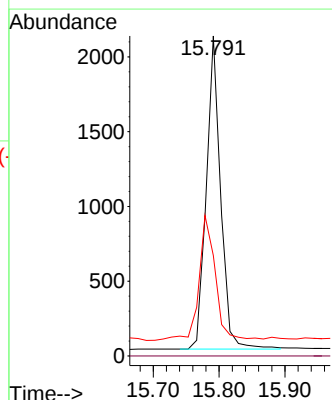
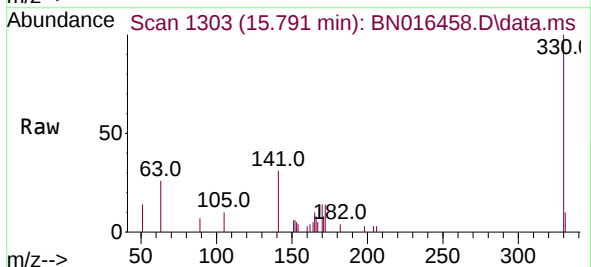
Instrument :
BNA_N
ClientSampleId :

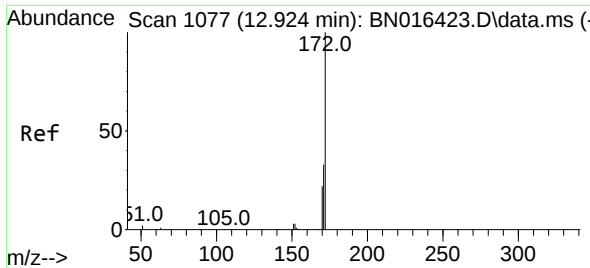
Tgt Ion:	164	Resp:	51686
Ion Ratio	Lower	Upper	
164	100		
162	98.9	79.0	118.4
160	44.4	34.1	51.1



#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:	330	Resp:	3177
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	42.7	25.0	37.4

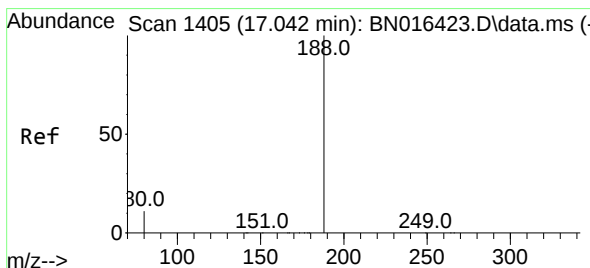
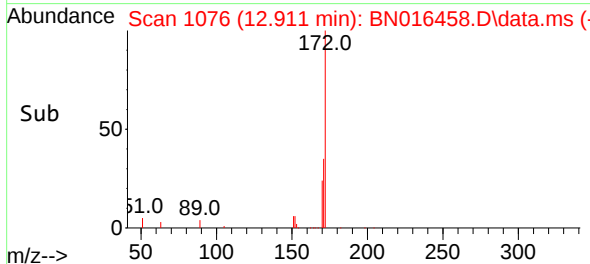
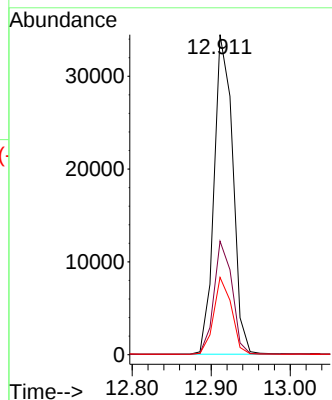
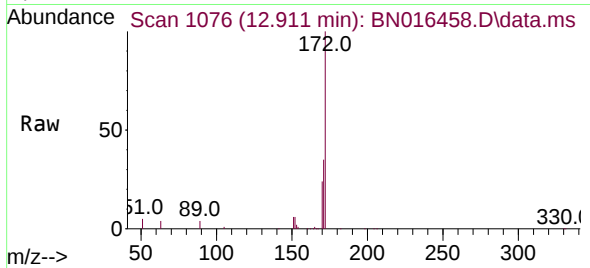




#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

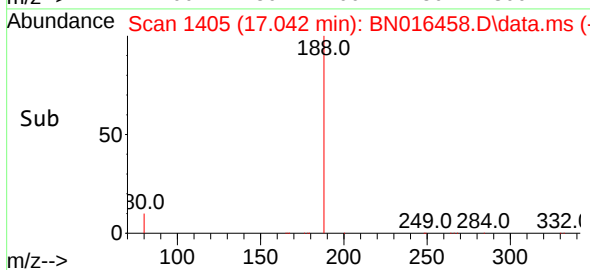
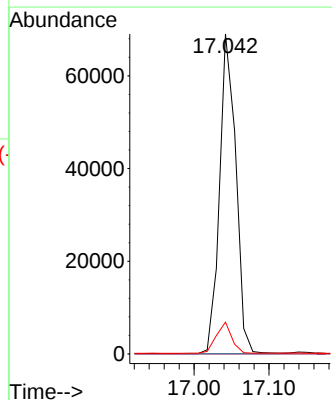
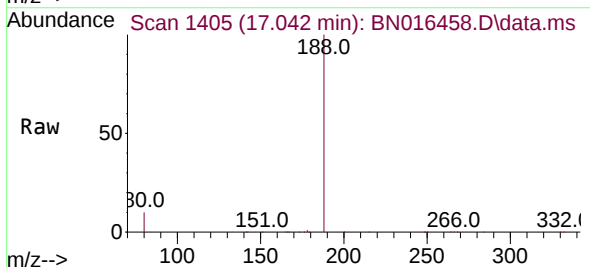
Instrument :
BNA_N
ClientSampleId :

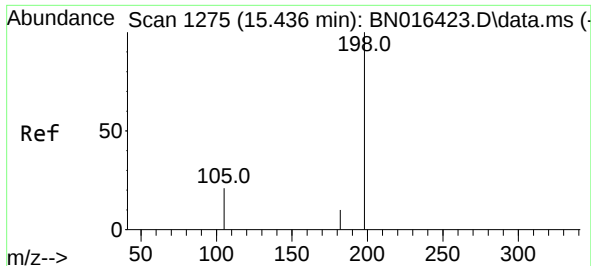
Tgt Ion:172 Resp: 56690
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.1 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:188 Resp: 104271
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 7.0 10.6

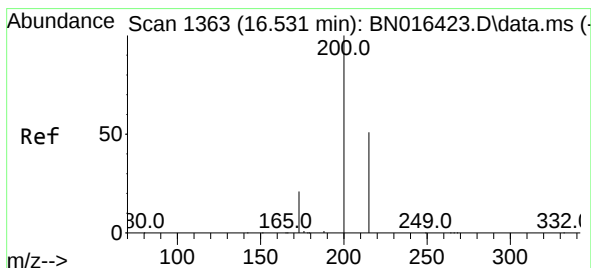
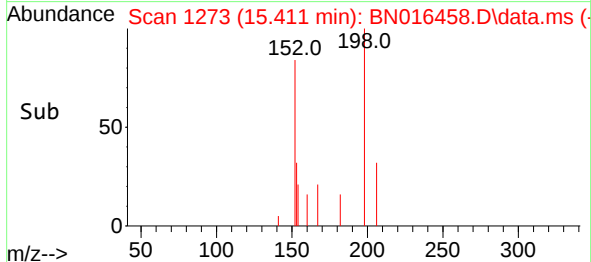
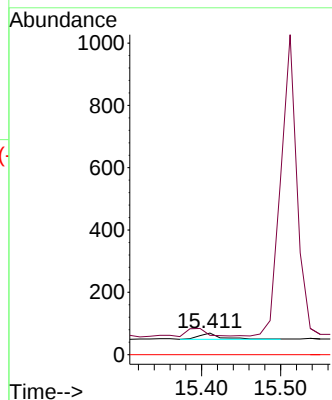
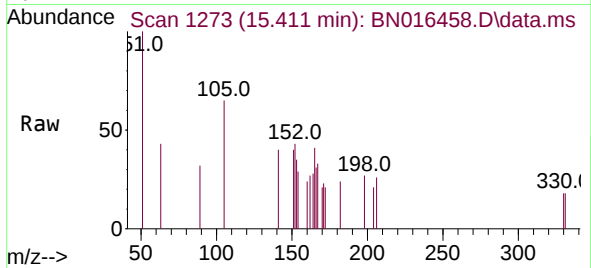




#20
4,6-Dinitro-2-methylphenol
Concen: 0.151 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.025 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

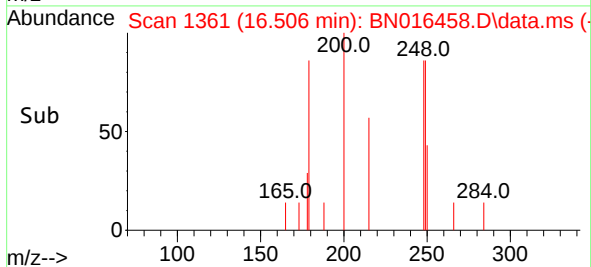
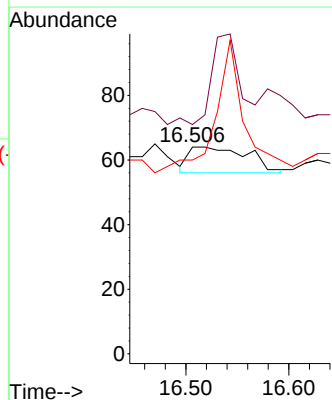
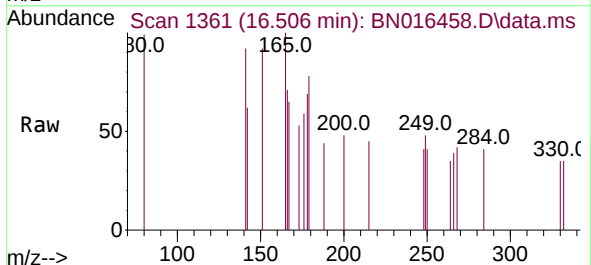
Instrument :
BNA_N
ClientSampleId :

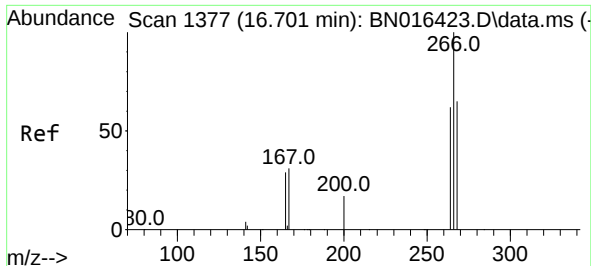
Tgt Ion:198 Resp: 39
Ion Ratio Lower Upper
198 100
182 89.9 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.506 min Scan# 1361
Delta R.T. -0.025 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:200 Resp: 32
Ion Ratio Lower Upper
200 100
173 110.9 18.7 28.1#
215 93.8 41.6 62.4#

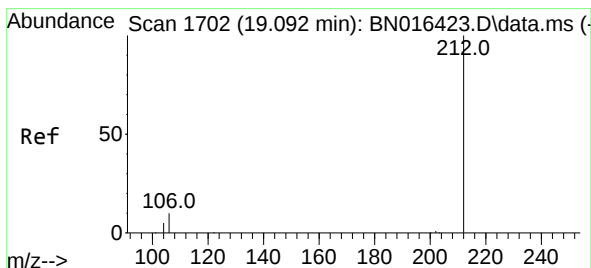
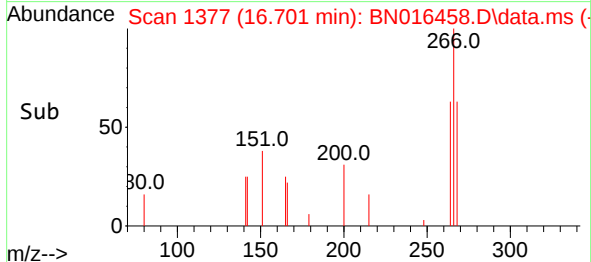
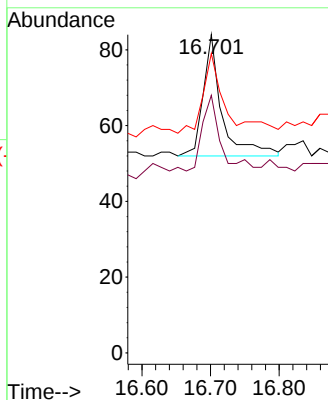
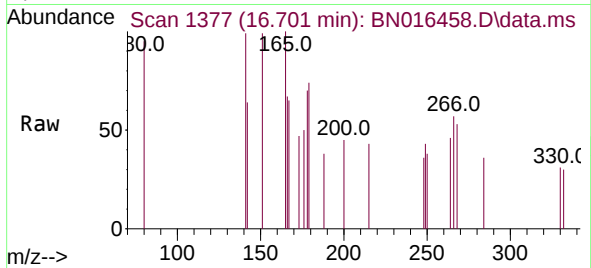




#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

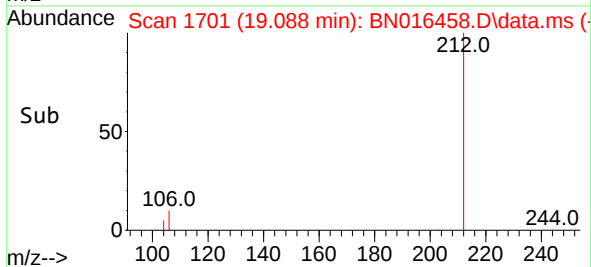
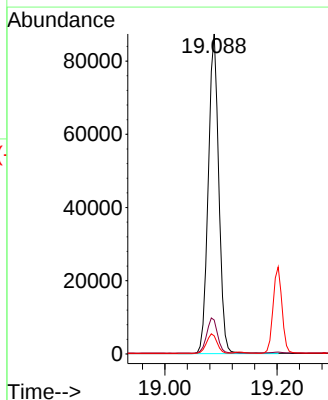
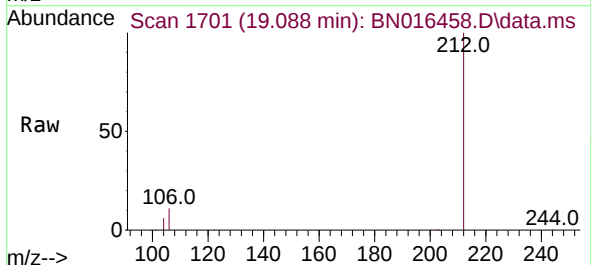
Instrument :
BNA_N
ClientSampleId :

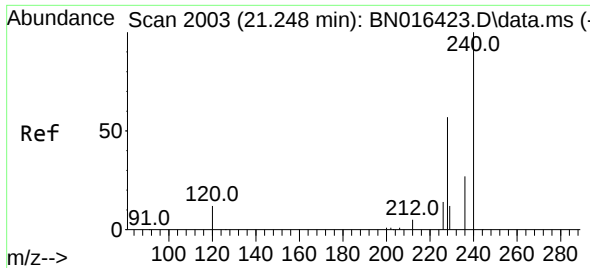
Tgt Ion:	266	Resp:	61
Ion Ratio	Lower	Upper	
266	100		
264	62.3	50.6	75.8
268	65.6	52.6	79.0



#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:	212	Resp:	113365
Ion Ratio	Lower	Upper	
212	100		
106	11.2	9.8	14.6
104	6.1	5.4	8.2

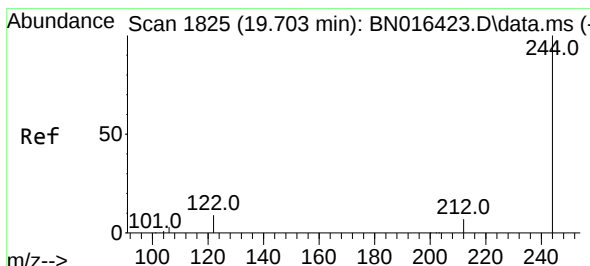
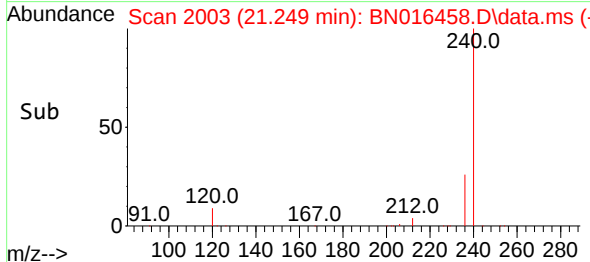
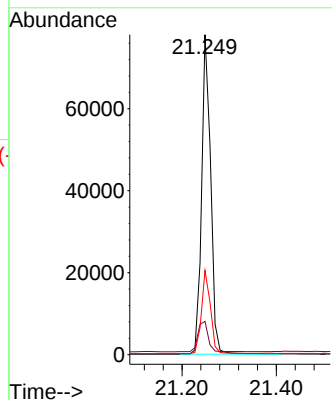
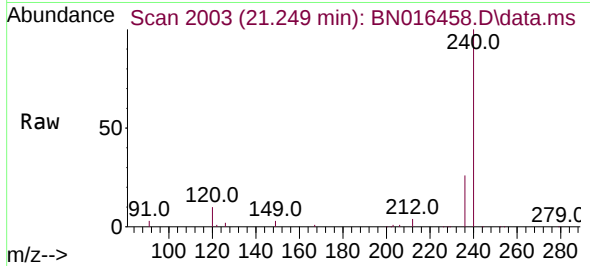




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

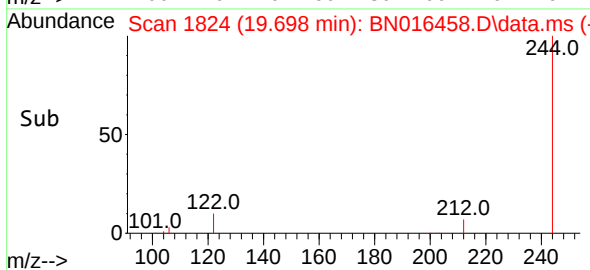
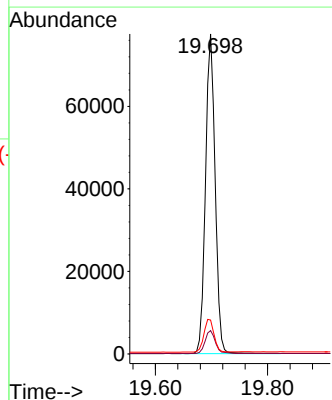
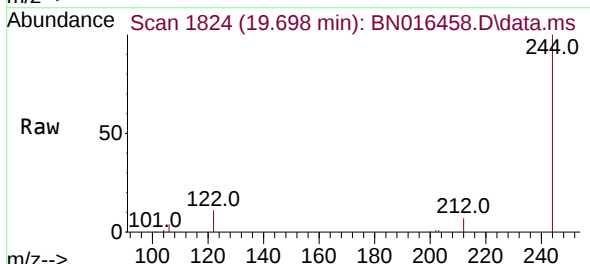
Instrument :
BNA_N
ClientSampleId :

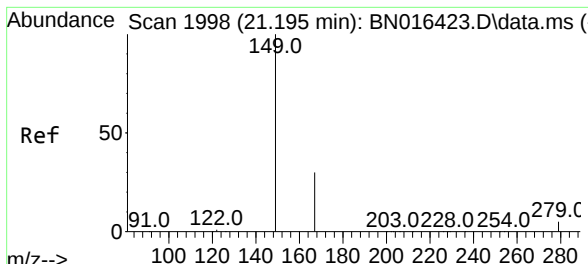
Tgt Ion:240 Resp: 103742
Ion Ratio Lower Upper
240 100
120 10.4 5.3 7.9#
236 26.3 19.8 29.8



#31
Terphenyl-d14
Concen: 0.381 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016458.D
Acq: 25 Sep 2021 04:49

Tgt Ion:244 Resp: 91922
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 10.6 9.0 13.4

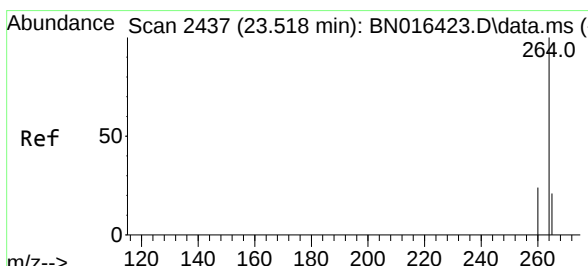
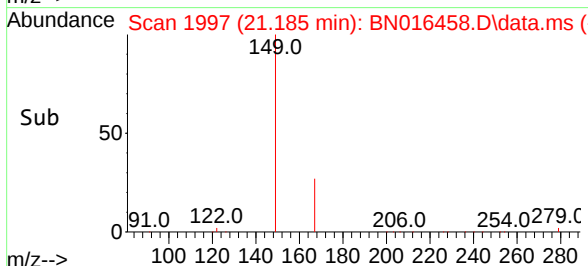
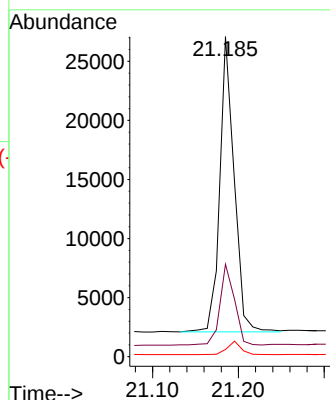
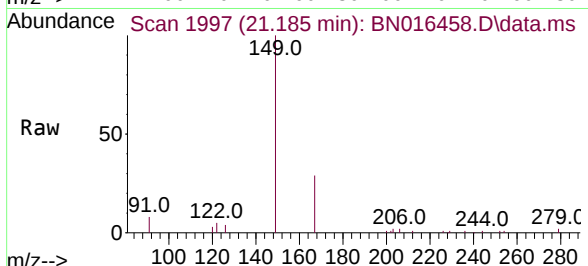




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.353 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016458.D
 Acq: 25 Sep 2021 04:49

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149	Resp:	28977
Ion Ratio	Lower	Upper
149	100	
167	27.9	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: BN016458.D
 Acq: 25 Sep 2021 04:49

Tgt Ion:264	Resp:	92047
Ion Ratio	Lower	Upper
264	100	
260	24.6	18.9 28.3
265	23.6	23.7 35.5#

