

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016463.D
 Acq On : 25 Sep 2021 07:49
 Operator : CG/JU
 Sample : M3782-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 07:02:09 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)

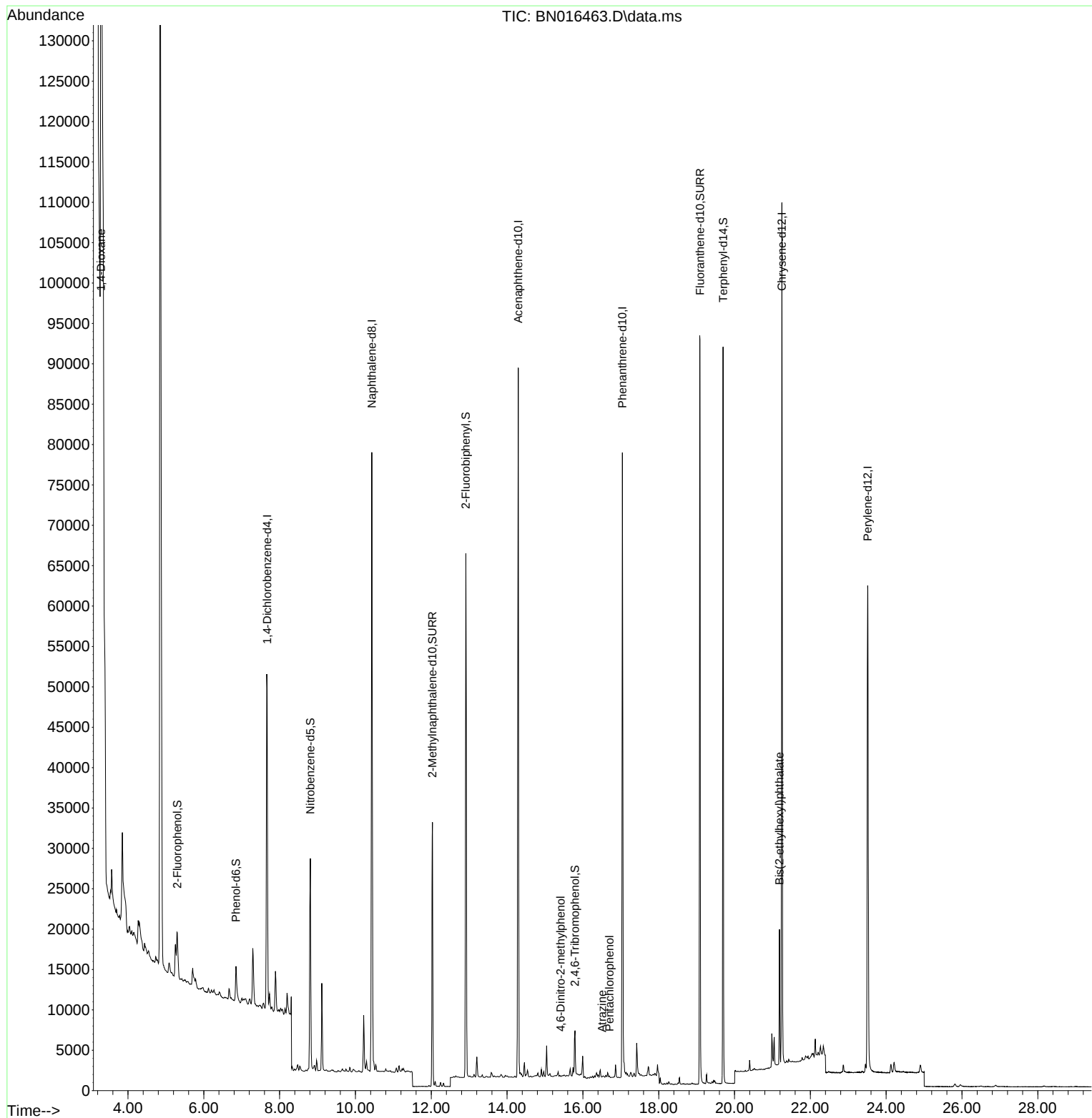
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22587	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	97879	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	49923	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	100892	0.400	ng	0.00
29) Chrysene-d12	21.249	240	96073	0.400	ng	# 0.00
35) Perylene-d12	23.512	264	82752	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6242	0.123	ng	0.02
5) Phenol-d6	6.849	99	4043	0.068	ng	0.00
8) Nitrobenzene-d5	8.810	82	20892	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	43663	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4265	0.354	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	57746	0.275	ng	-0.01
27) Fluoranthene-d10	19.088	212	107181	0.387	ng	0.00
31) Terphenyl-d14	19.698	244	88843	0.398	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	109003	11.261	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.411	198	9	0.148	ng	# 1
23) Atrazine	16.506	200	20	0.135	ng	# 16
24) Pentachlorophenol	16.701	266	66	0.247	ng	91
34) Bis(2-ethylhexyl)phtha...	21.185	149	14091	0.186	ng	97

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

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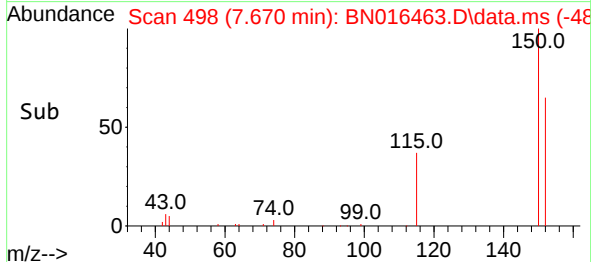
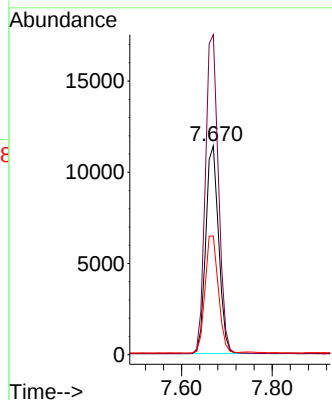
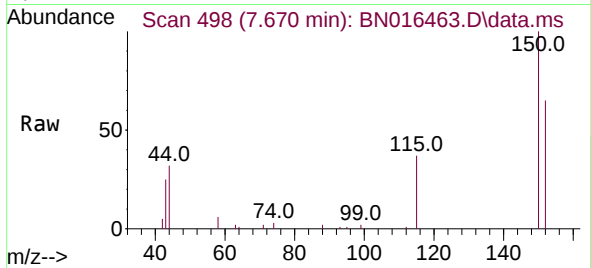




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016463.D
 Acq: 25 Sep 2021 07:49

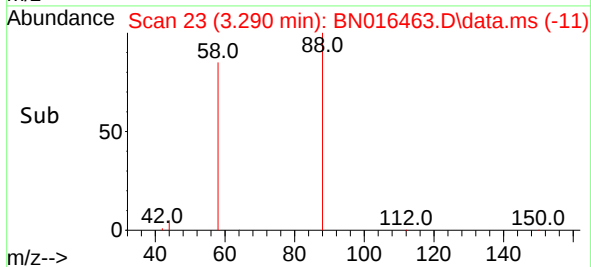
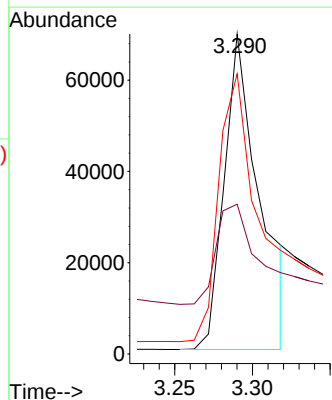
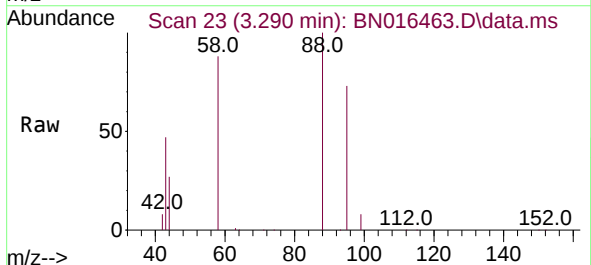
Instrument :
 BNA_N
 ClientSampleId :

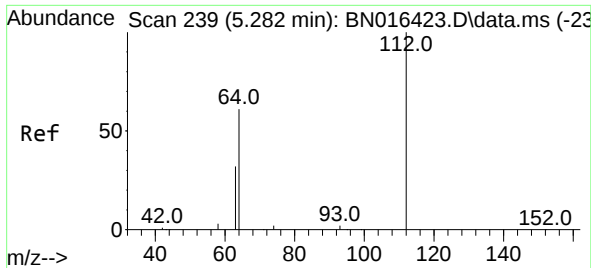
Tgt Ion:152 Resp: 22587
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.6 188.4
 115 56.8 50.2 75.2



#2
 1,4-Dioxane
 Concen: 11.261 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016463.D
 Acq: 25 Sep 2021 07:49

Tgt Ion: 88 Resp: 109003
 Ion Ratio Lower Upper
 88 100
 43 37.0 20.3 30.5#
 58 94.6 69.9 104.9

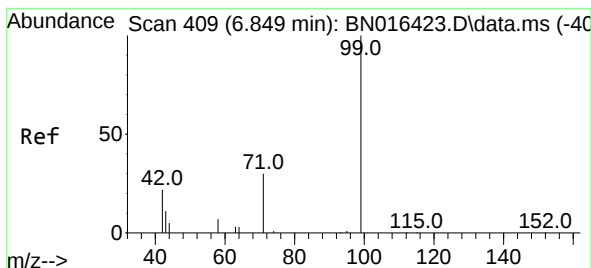
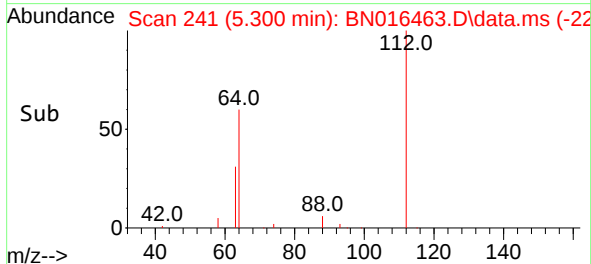
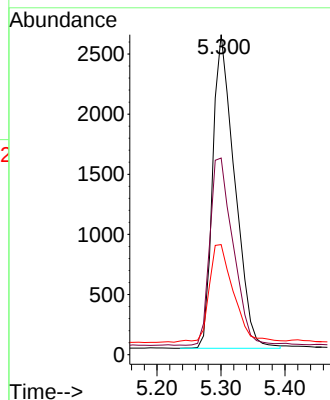
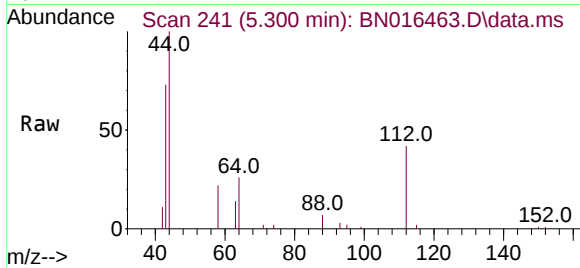




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016463.D
Acq: 25 Sep 2021 07:49

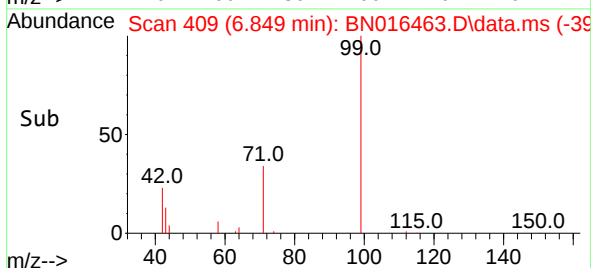
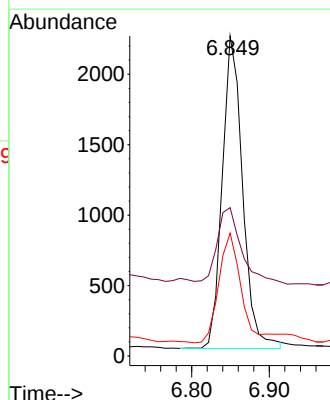
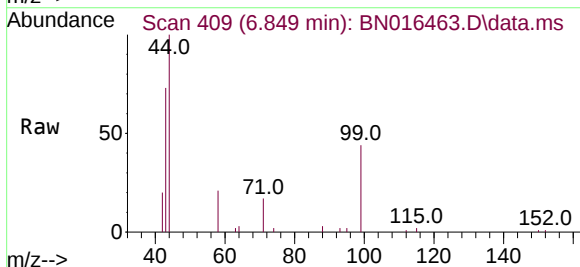
Instrument :
BNA_N
ClientSampleId :

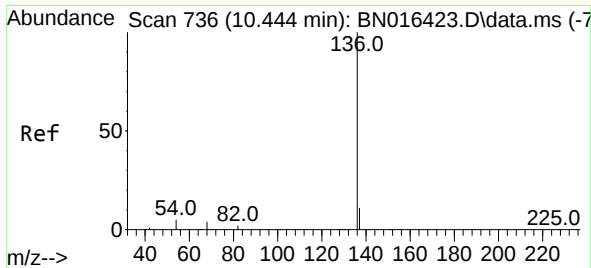
Tgt Ion: 112 Resp: 6242
Ion Ratio Lower Upper
112 100
64 63.0 47.3 70.9
63 34.6 23.4 35.0



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016463.D
Acq: 25 Sep 2021 07:49

Tgt Ion: 99 Resp: 4043
Ion Ratio Lower Upper
99 100
42 26.8 14.0 21.0#
71 39.0 23.8 35.6#

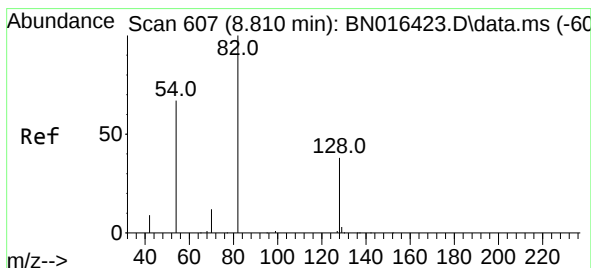
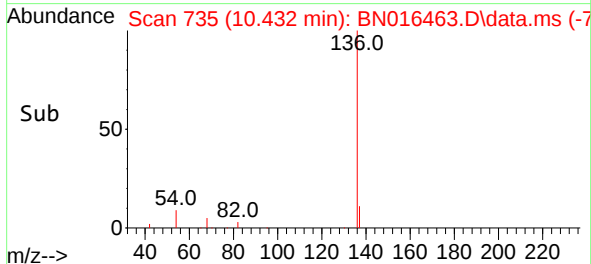
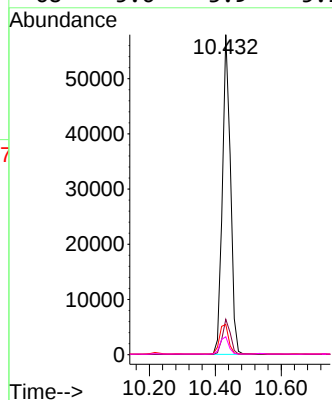
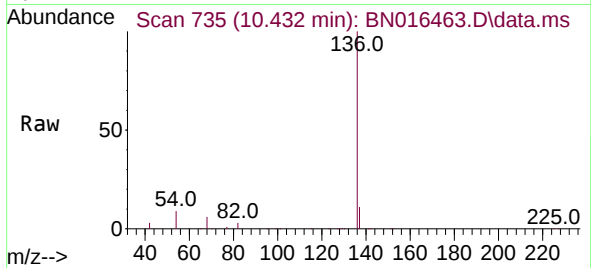




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016463.D
Acq: 25 Sep 2021 07:49

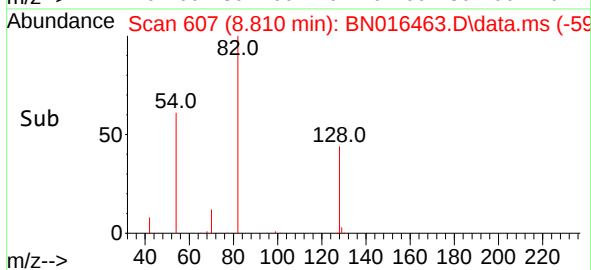
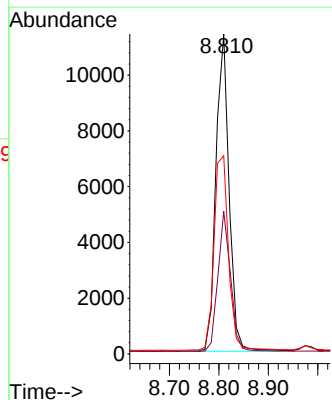
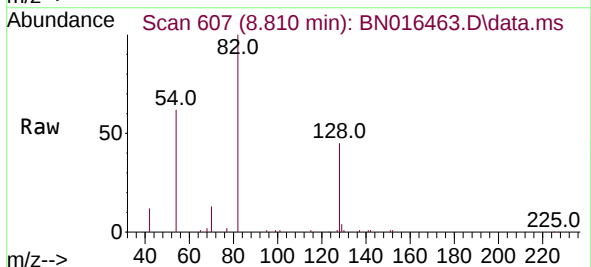
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	97879
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.4	5.3	7.9#
68	5.6	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016463.D
Acq: 25 Sep 2021 07:49

Tgt Ion:	82	Resp:	20892
Ion Ratio	Lower	Upper	
82	100		
128	44.7	31.7	47.5
54	61.9	46.4	69.6

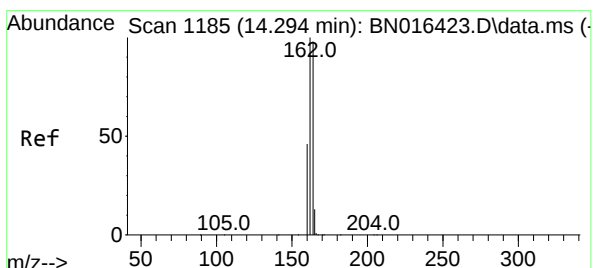
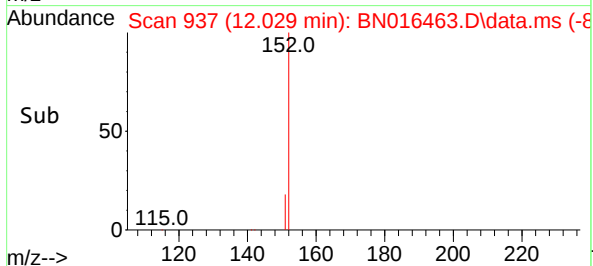
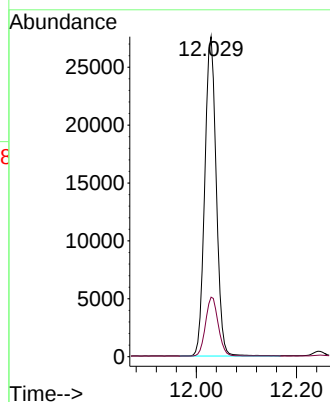
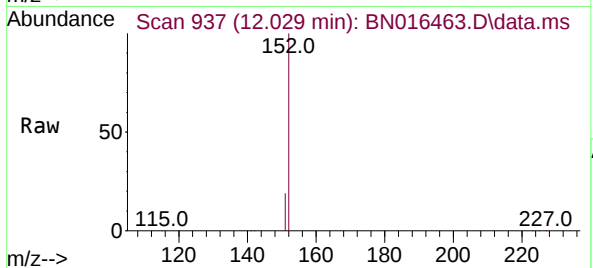




#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016463.D
Acq: 25 Sep 2021 07:49

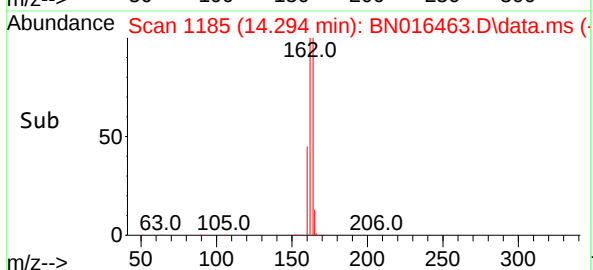
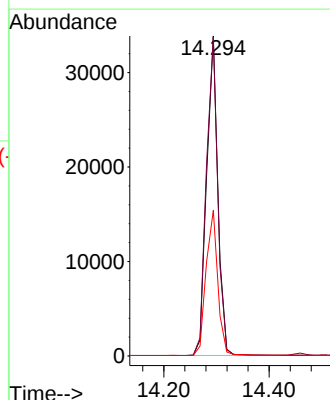
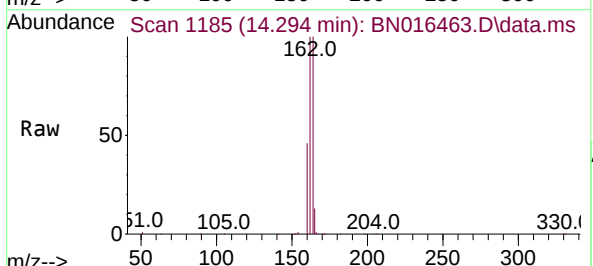
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 43663
Ion Ratio Lower Upper
152 100
151 20.4 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: BN016463.D
Acq: 25 Sep 2021 07:49

Tgt Ion:164 Resp: 49923
Ion Ratio Lower Upper
164 100
162 99.6 79.0 118.4
160 45.5 34.1 51.1

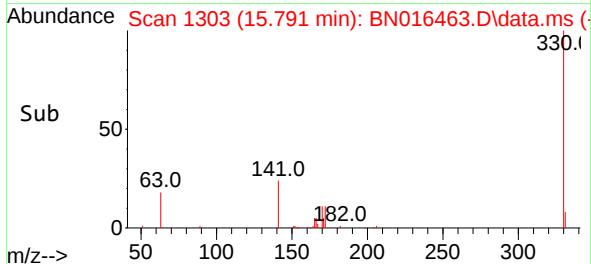
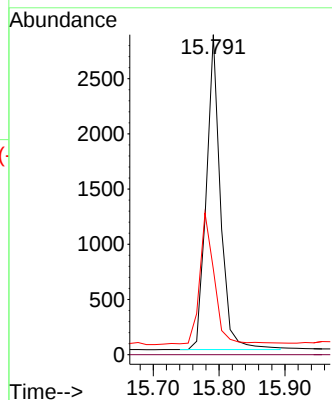
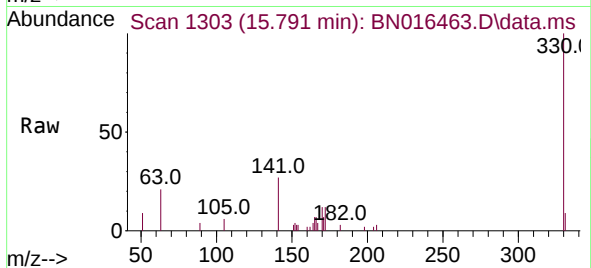




#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016463.D
Acq: 25 Sep 2021 07:49

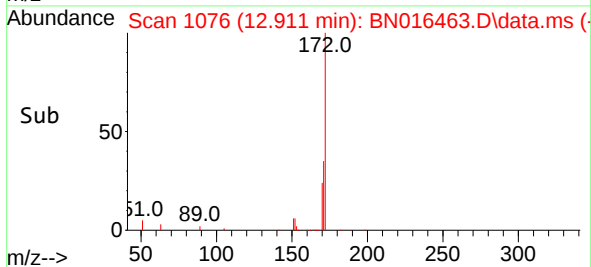
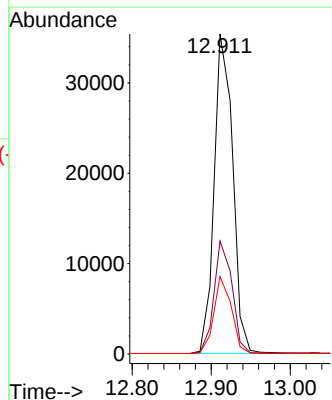
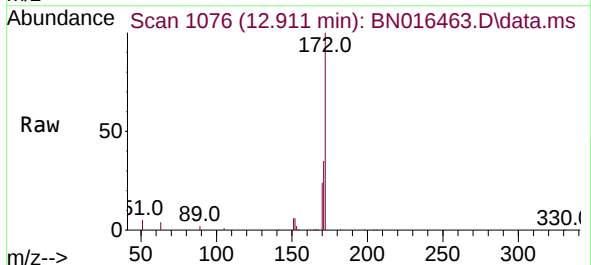
Instrument :
BNA_N
ClientSampled :

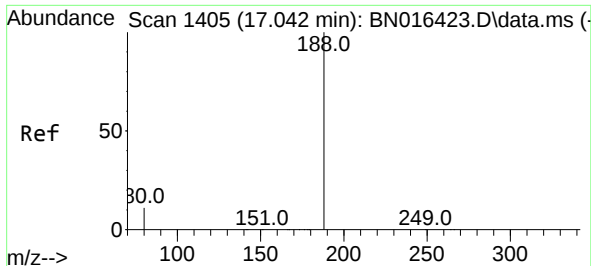
Tgt Ion:330 Resp: 4265
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.3 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.275 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016463.D
Acq: 25 Sep 2021 07:49

Tgt Ion:172 Resp: 57746
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 24.2 18.2 27.2

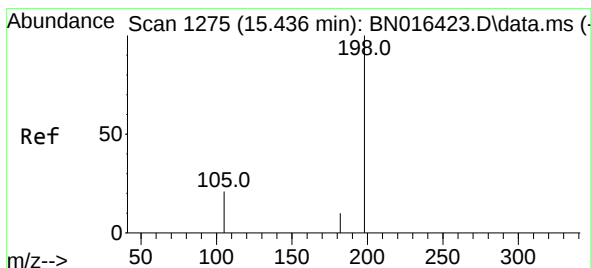
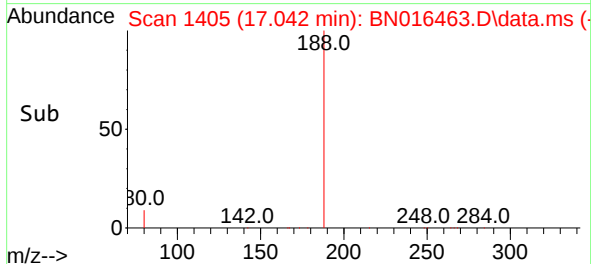
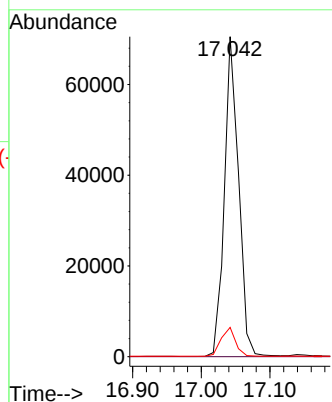
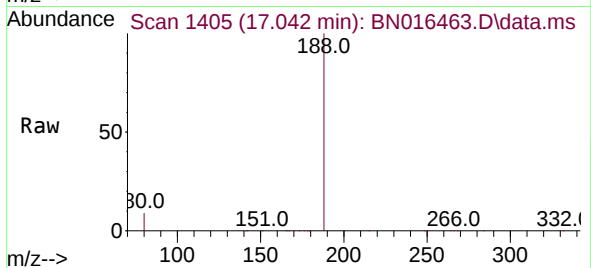




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016463.D
Acq: 25 Sep 2021 07:49

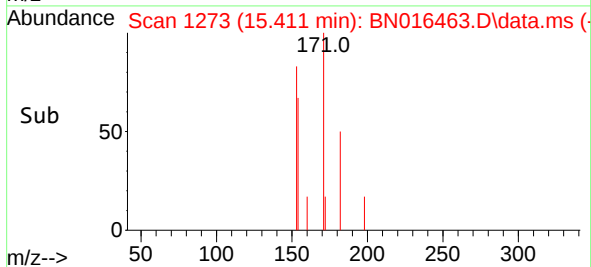
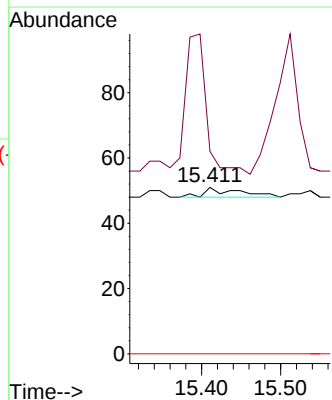
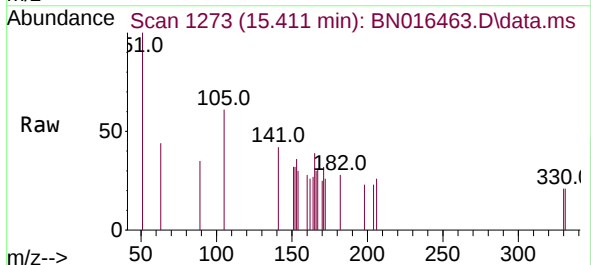
Instrument :
BNA_N
ClientSampleId :

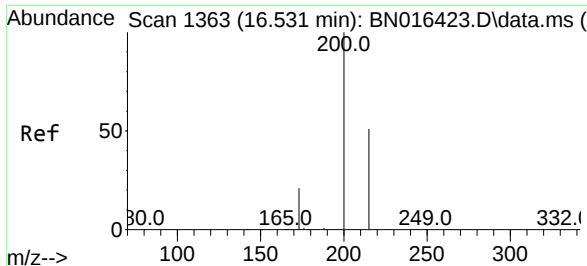
Tgt Ion:188 Resp: 100892
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.025 min
Lab File: BN016463.D
Acq: 25 Sep 2021 07:49

Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
182 121.6 26.6 39.8#
77 0.0 0.0 0.0

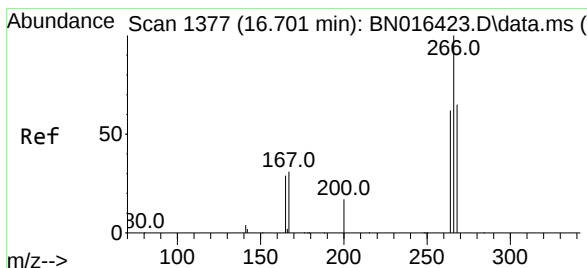
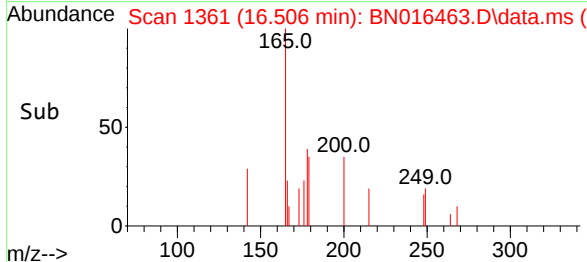
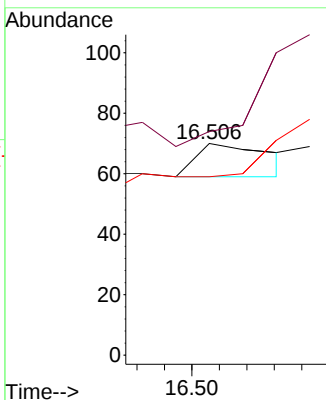
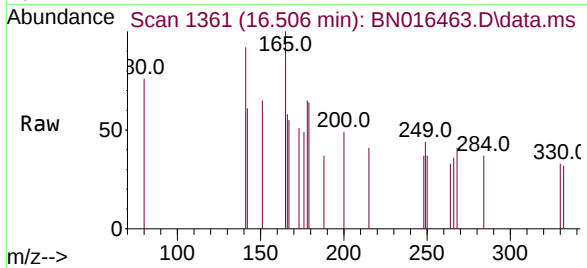




#23
Atrazine
Concen: 0.135 ng
RT: 16.506 min Scan# 1361
Delta R.T. -0.025 min
Lab File: BN016463.D
Acq: 25 Sep 2021 07:49

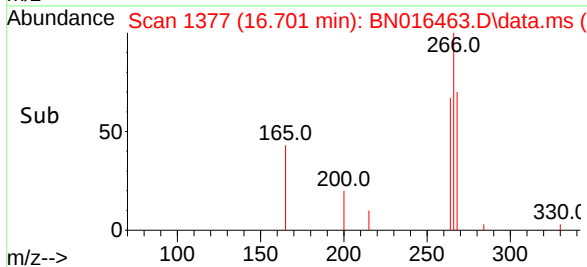
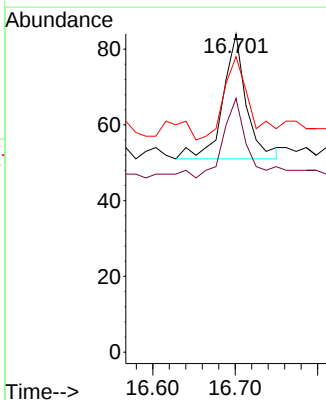
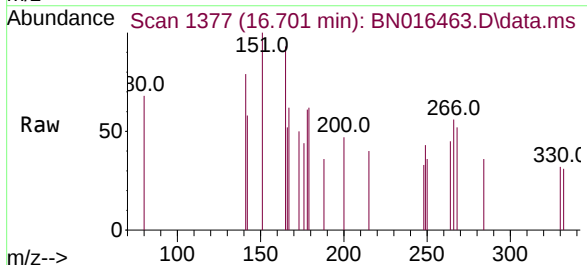
Instrument :
BNA_N
ClientSampleId :

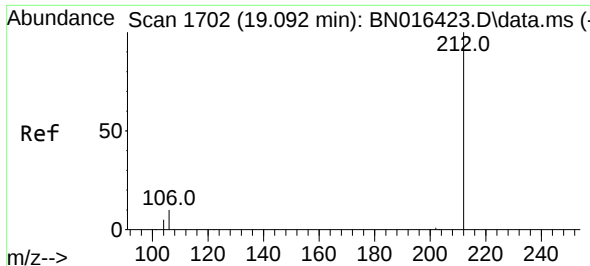
Tgt Ion:	200	Resp:	20
Ion	Ratio	Lower	Upper
200	100		
173	105.7	18.7	28.1#
215	84.3	41.6	62.4#



#24
Pentachlorophenol
Concen: 0.247 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016463.D
Acq: 25 Sep 2021 07:49

Tgt Ion:	266	Resp:	66
Ion	Ratio	Lower	Upper
266	100		
264	72.7	50.6	75.8
268	71.2	52.6	79.0

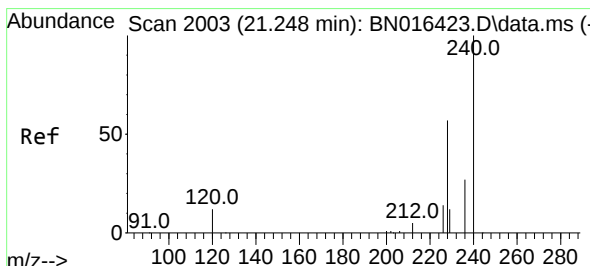
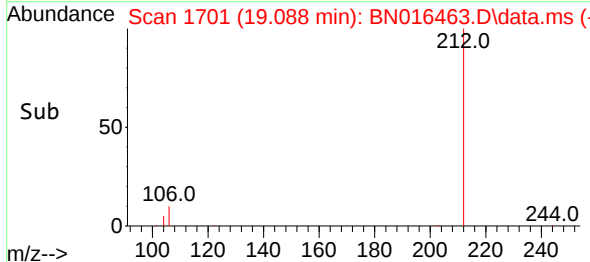
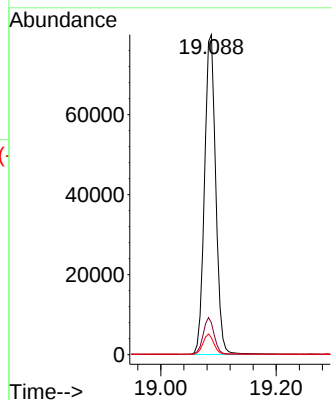
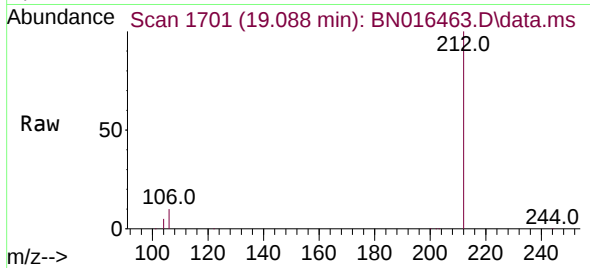




#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016463.D
Acq: 25 Sep 2021 07:49

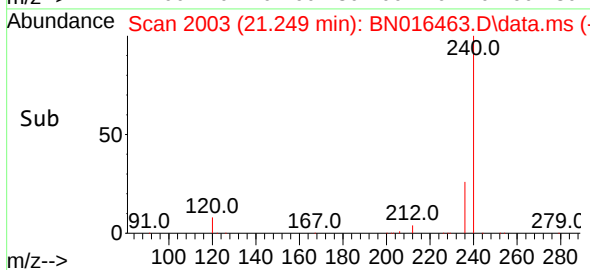
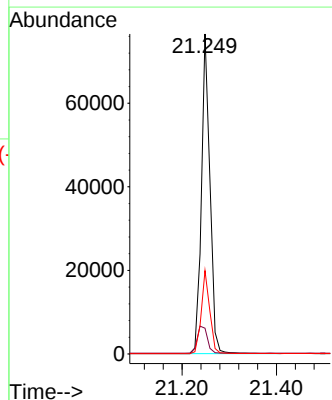
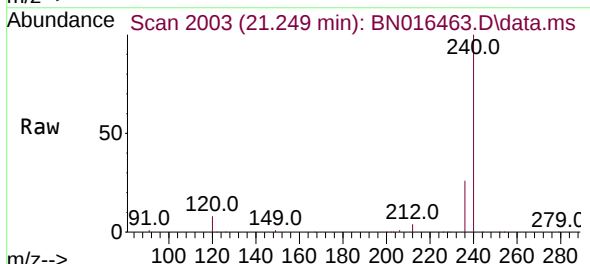
Instrument :
BNA_N
ClientSampleId :

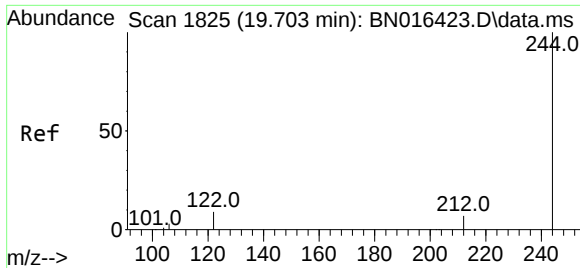
Tgt Ion:212 Resp: 107181
Ion Ratio Lower Upper
212 100
106 11.2 9.8 14.6
104 6.1 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016463.D
Acq: 25 Sep 2021 07:49

Tgt Ion:240 Resp: 96073
Ion Ratio Lower Upper
240 100
120 8.1 5.3 7.9#
236 26.0 19.8 29.8

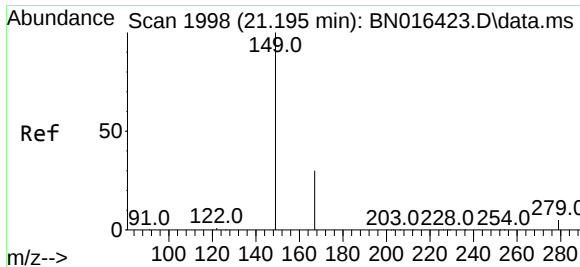
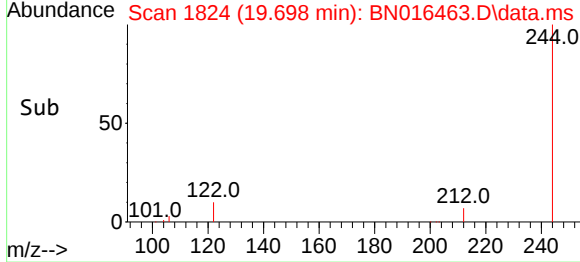
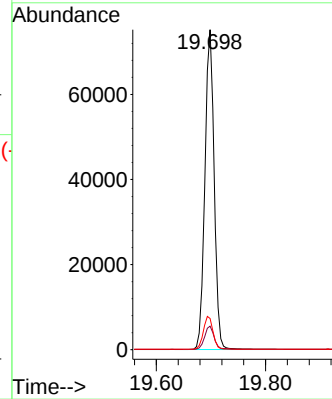
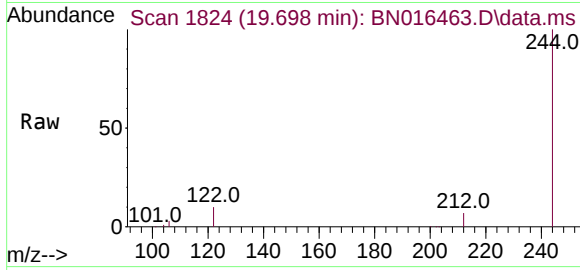




#31
 Terphenyl-d14
 Concen: 0.398 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016463.D
 Acq: 25 Sep 2021 07:49

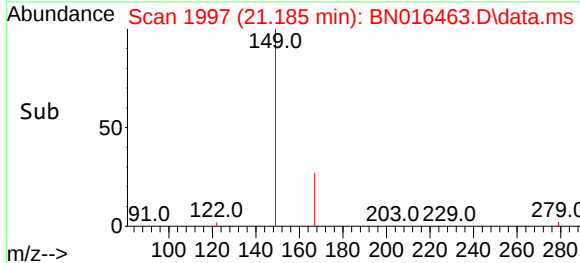
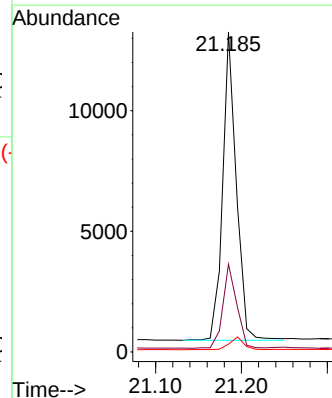
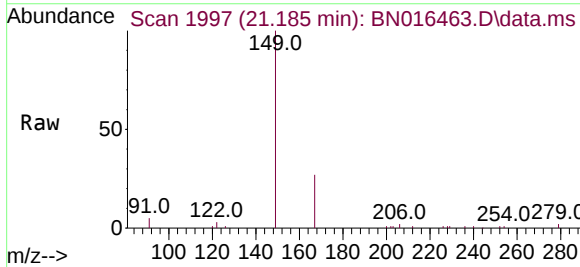
Instrument :
 BNA_N
 ClientSampleId :

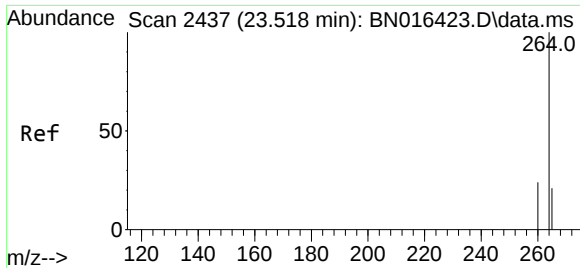
Tgt Ion:244	Resp:	88843
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.5 8.3
122	9.7	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.186 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016463.D
 Acq: 25 Sep 2021 07:49

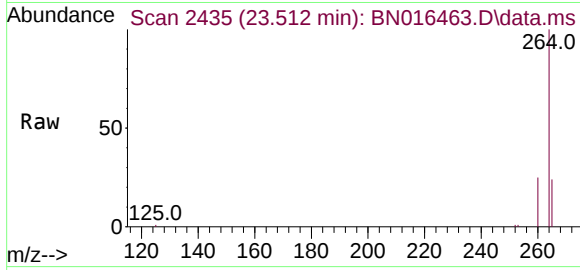
Tgt Ion:149	Resp:	14091
Ion Ratio	Lower	Upper
149	100	
167	27.4	23.4 35.0
279	4.3	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.512 min Scan# 2435
 Delta R.T. -0.007 min
 Lab File: BN016463.D
 Acq: 25 Sep 2021 07:49

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 82752

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.9	28.3
265	24.3	23.7	35.5

