

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016750.D
 Acq On : 05 Oct 2021 18:48
 Operator : CG/JU
 Sample : M4040-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 06 00:58:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

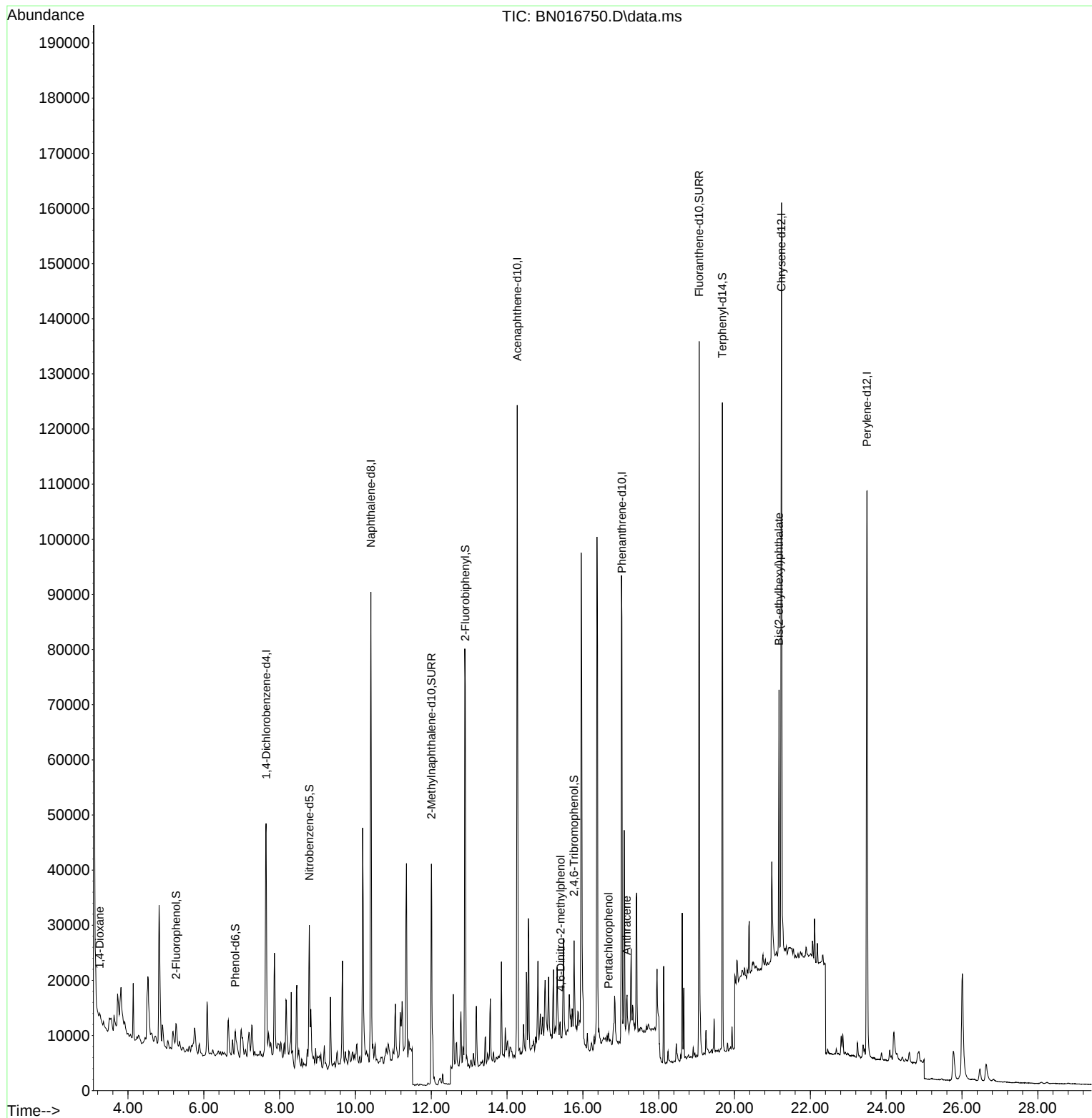
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	24652	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	112434	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	63415	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	123468	0.400	ng	0.00
29) Chrysene-d12	21.238	240	126914	0.400	ng	0.00
35) Perylene-d12	23.491	264	137716	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	7304	0.116	ng	0.02
5) Phenol-d6	6.831	99	4784	0.069	ng	0.00
8) Nitrobenzene-d5	8.784	82	22809	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	55692	0.333	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	13327	0.482	ng	-0.01
15) 2-Fluorobiphenyl	12.898	172	72964	0.288	ng	0.00
27) Fluoranthene-d10	19.068	212	138862	0.411	ng	0.00
31) Terphenyl-d14	19.678	244	114580	0.403	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	287	0.025	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.410	198	129	0.279	ng	# 1
24) Pentachlorophenol	16.676	266	799	0.358	ng	99
26) Anthracene	17.151	178	6802	0.021	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.174	149	43546	0.182	ng	100

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

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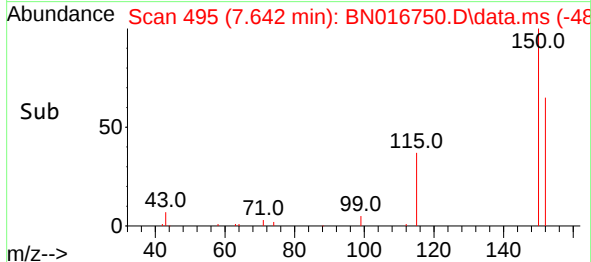
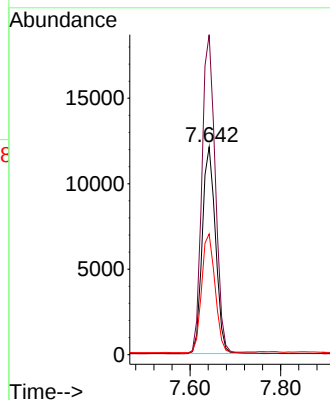
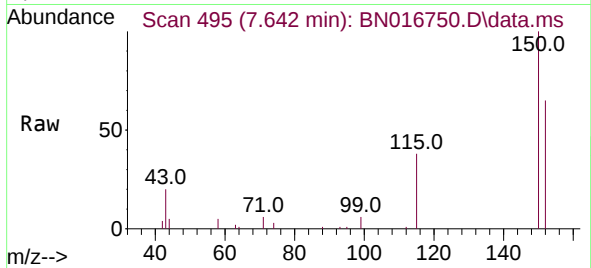




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016750.D
 Acq: 05 Oct 2021 18:48

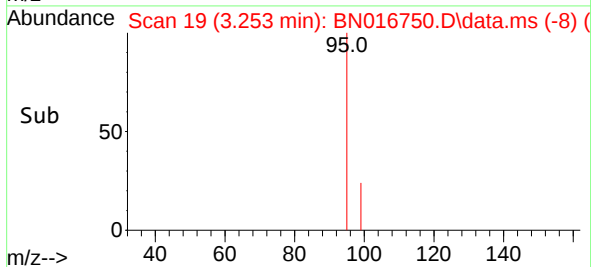
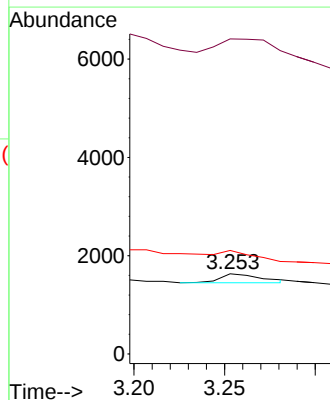
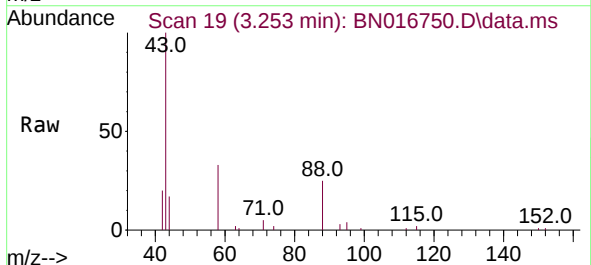
Instrument :
 BNA_N
 ClientSampled :

Tgt Ion:152 Resp: 24652
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.3 184.9
 115 58.1 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016750.D
 Acq: 05 Oct 2021 18:48

Tgt Ion: 88 Resp: 287
 Ion Ratio Lower Upper
 88 100
 43 180.1 61.7 92.5#
 58 0.0 62.2 93.2#

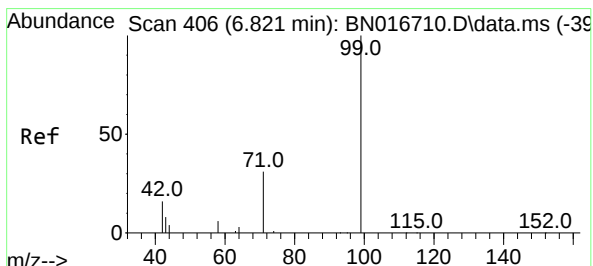
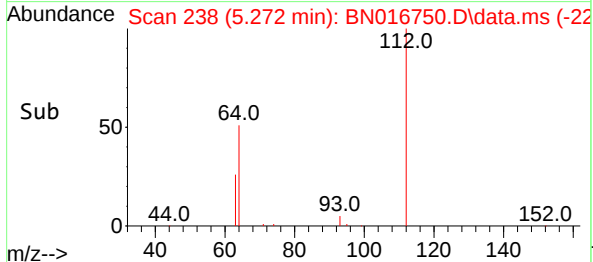
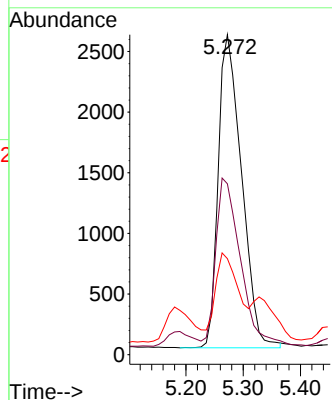
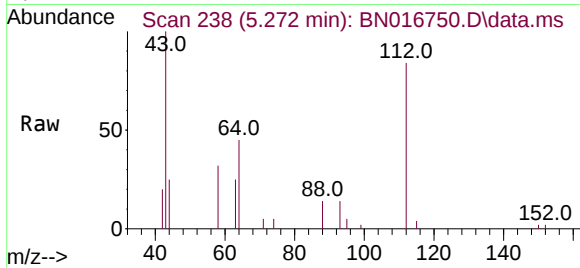




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.018 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

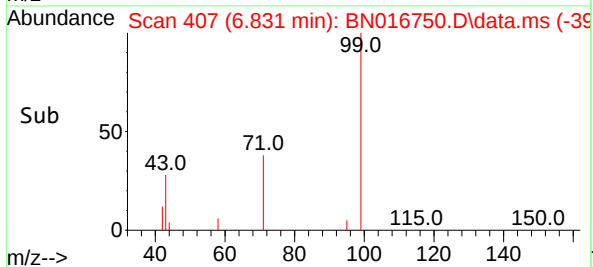
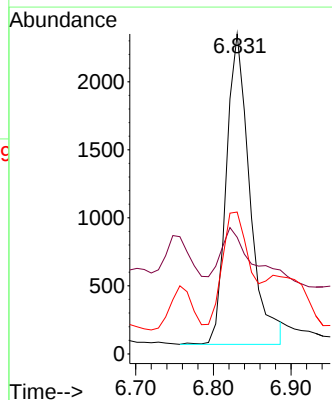
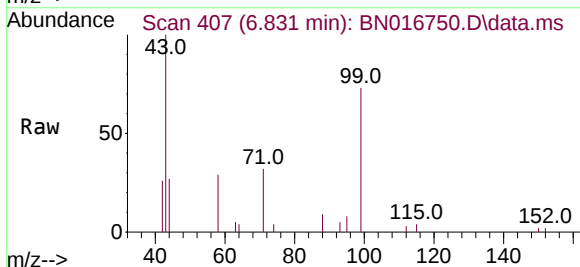
Instrument :
BNA_N
ClientSampleId :

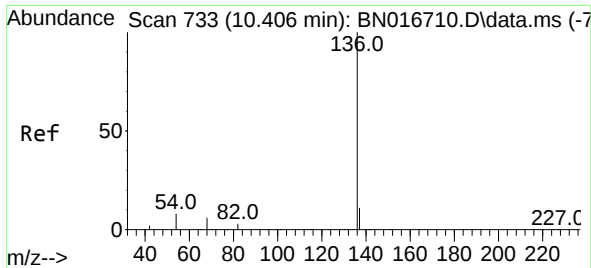
Tgt Ion:112 Resp: 7304
Ion Ratio Lower Upper
112 100
64 51.7 42.9 64.3
63 22.6 21.5 32.3



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

Tgt Ion: 99 Resp: 4784
Ion Ratio Lower Upper
99 100
42 17.1 13.4 20.2
71 41.7 24.0 36.0#

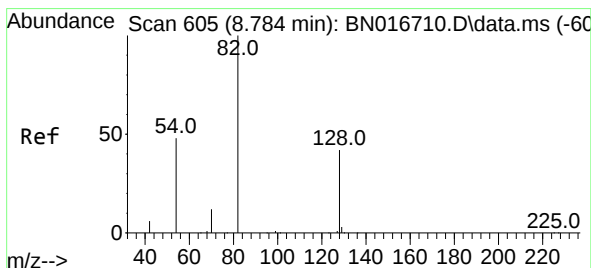
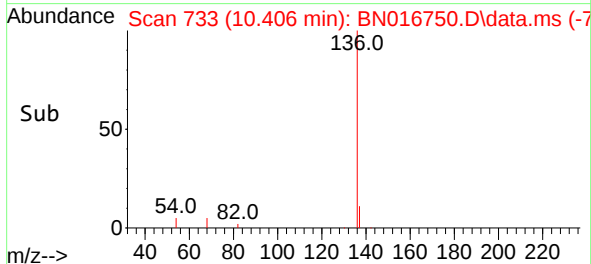
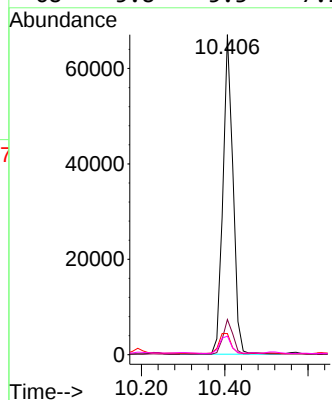
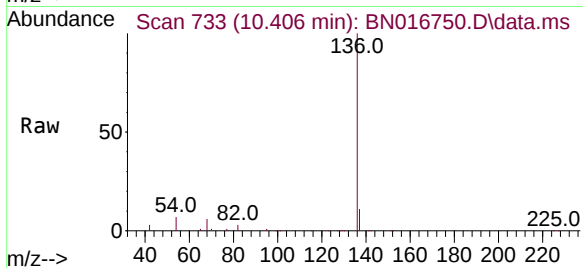




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

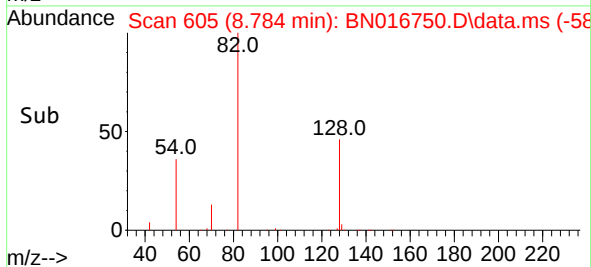
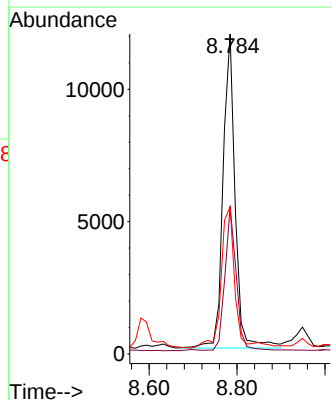
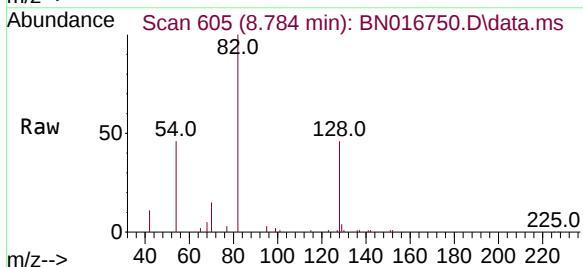
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136	Resp:	112434
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.6	6.5 9.7
68	5.8	5.3 7.9



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

Tgt Ion: 82	Resp:	22809
Ion Ratio	Lower	Upper
82	100	
128	46.1	33.8 50.6
54	46.1	38.5 57.7

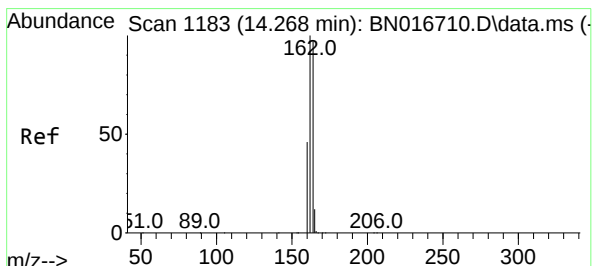
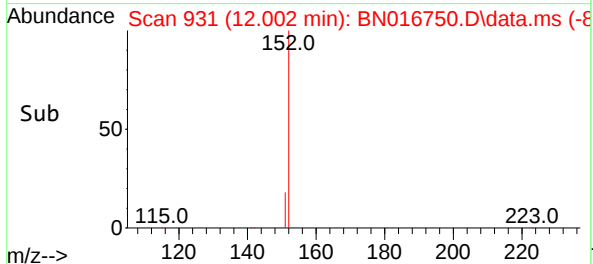
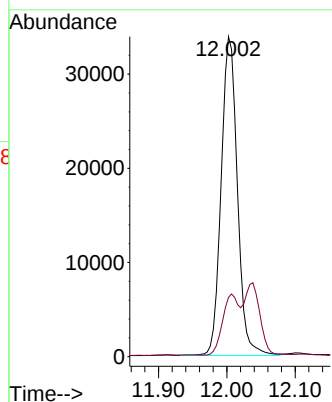
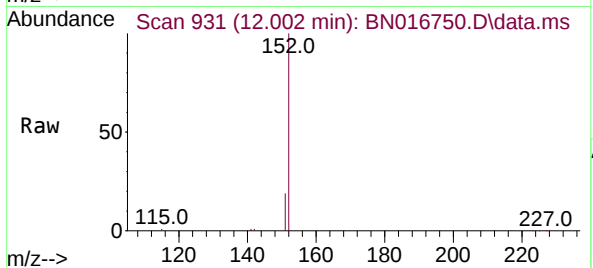




#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.002 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

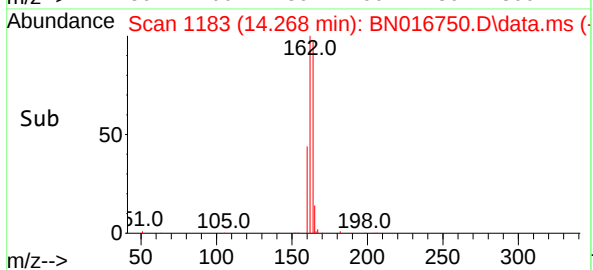
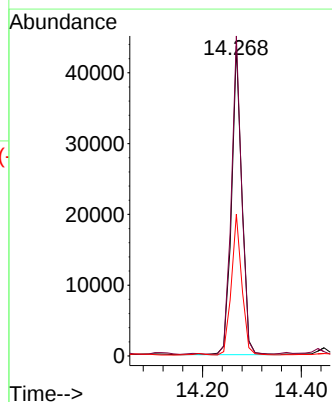
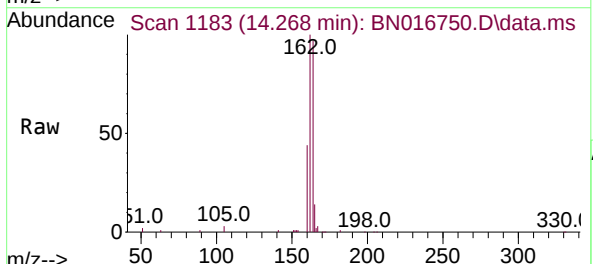
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 55692
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

Tgt Ion:164 Resp: 63415
Ion Ratio Lower Upper
164 100
162 103.3 82.6 124.0
160 45.8 38.2 57.2

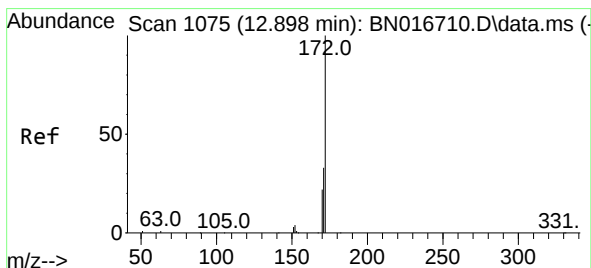
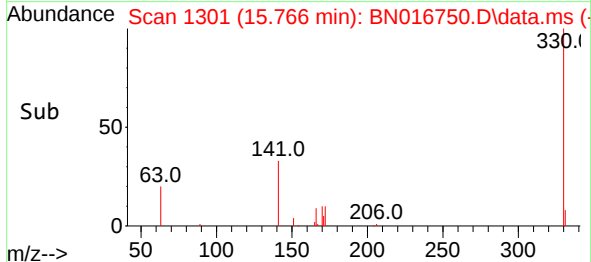
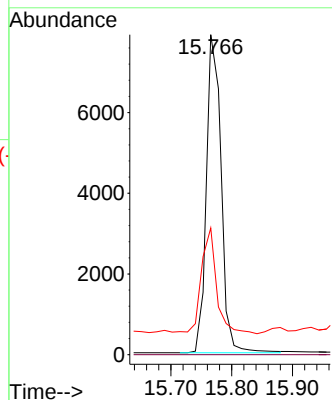
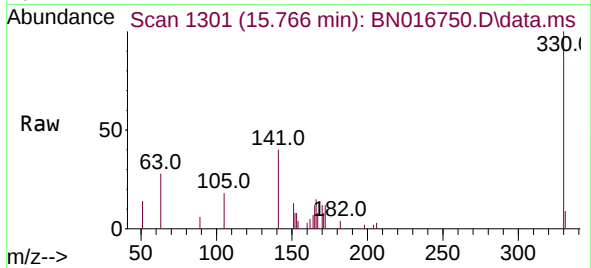




#14
2,4,6-Tribromophenol
Concen: 0.482 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

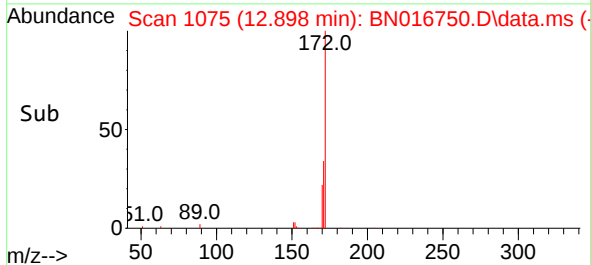
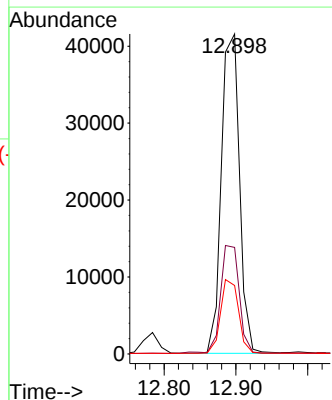
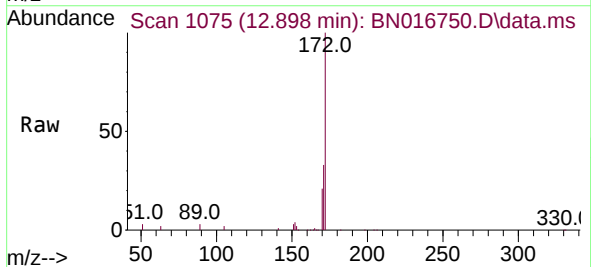
Instrument :
BNA_N
ClientSampleId :

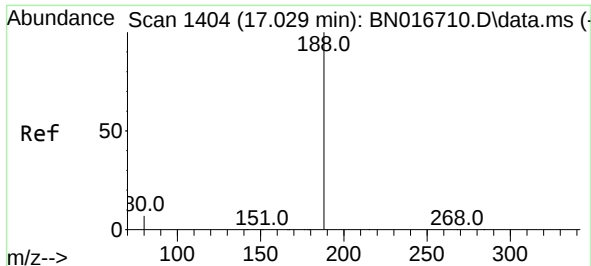
Tgt Ion:330 Resp: 13327
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.5 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

Tgt Ion:172 Resp: 72964
Ion Ratio Lower Upper
172 100
171 33.3 26.9 40.3
170 21.4 17.4 26.0

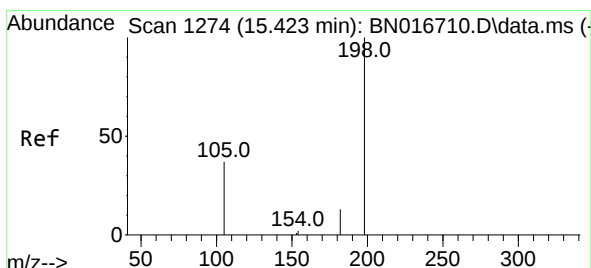
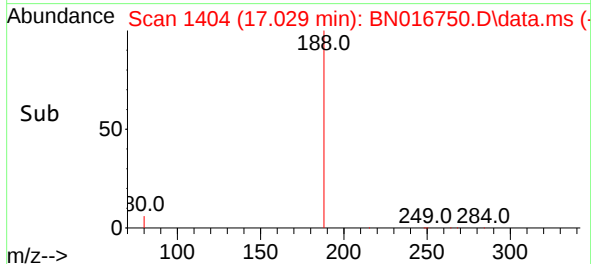
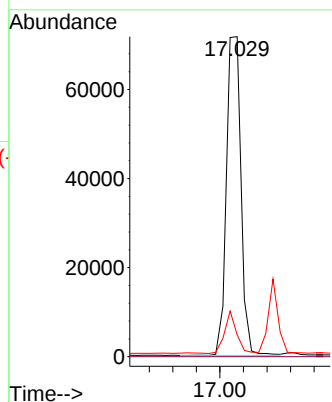
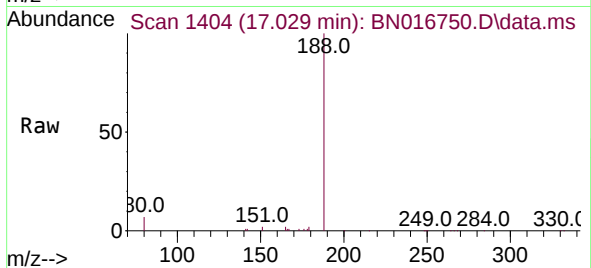




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

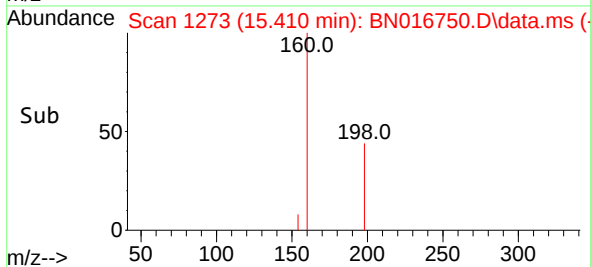
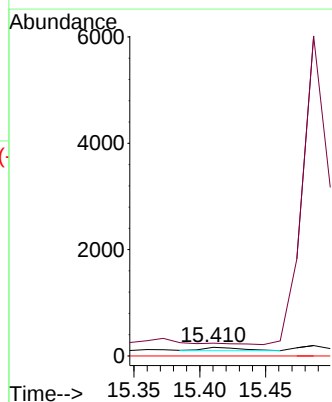
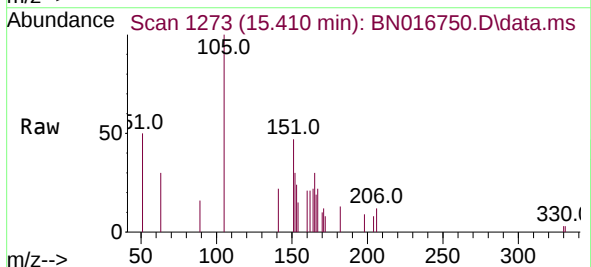
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BNA_N
ClientSampleId :

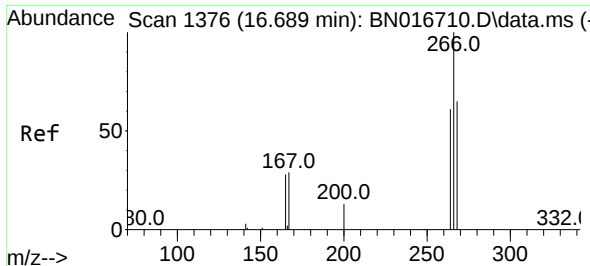
Tgt Ion:188 Resp: 123468
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 5.8 8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.279 ng
RT: 15.410 min Scan# 1273
Delta R.T. -0.013 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

Tgt Ion:198 Resp: 129
Ion Ratio Lower Upper
198 100
182 146.6 26.2 39.2#
77 0.0 0.0 0.0

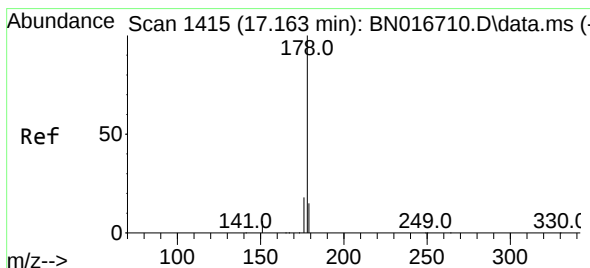
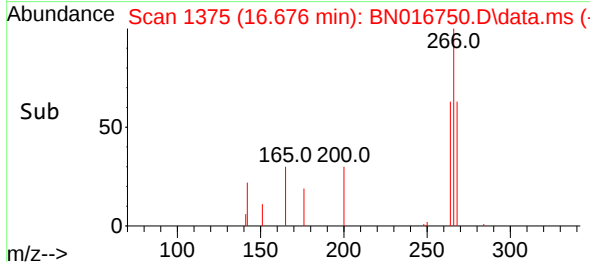
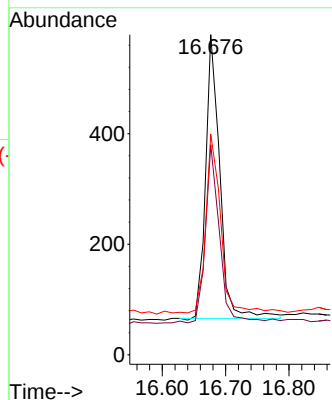
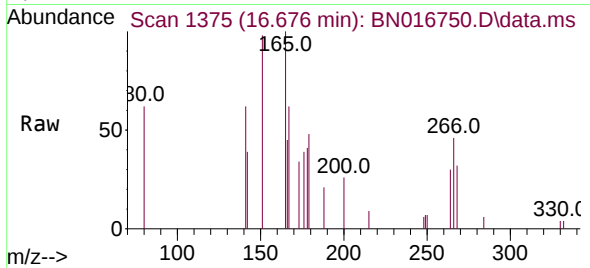




#24
 Pentachlorophenol
 Concen: 0.358 ng
 RT: 16.676 min Scan# 1375
 Delta R.T. -0.013 min
 Lab File: BN016750.D
 Acq: 05 Oct 2021 18:48

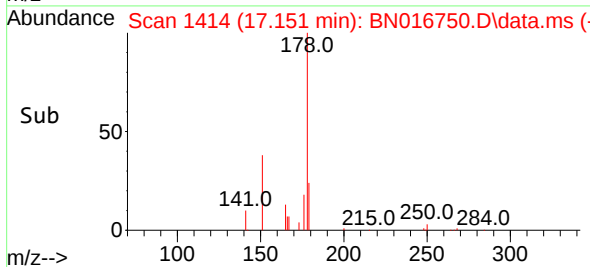
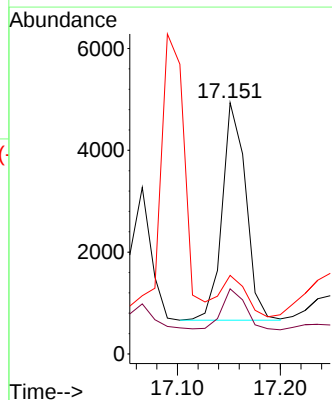
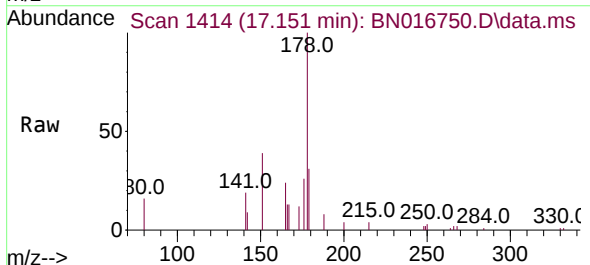
Instrument :
 BNA_N
 ClientSampleId :

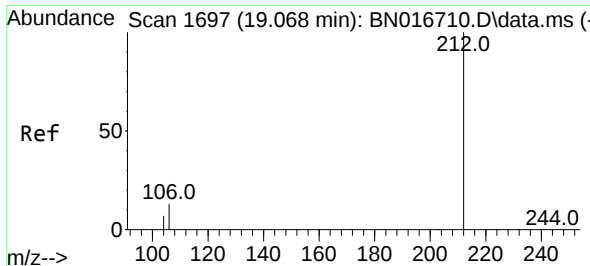
Tgt Ion:	266	Resp:	799
Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.3	73.9
268	65.8	51.8	77.8



#26
 Anthracene
 Concen: 0.021 ng
 RT: 17.151 min Scan# 1414
 Delta R.T. -0.012 min
 Lab File: BN016750.D
 Acq: 05 Oct 2021 18:48

Tgt Ion:	178	Resp:	6802
Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.5	21.7
179	20.9	12.2	18.4

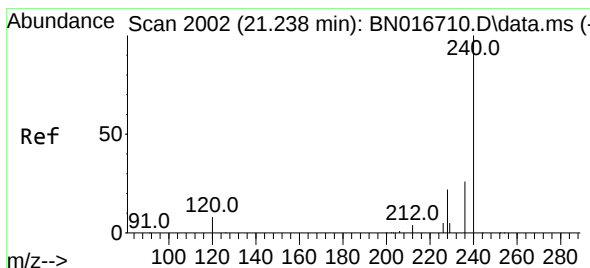
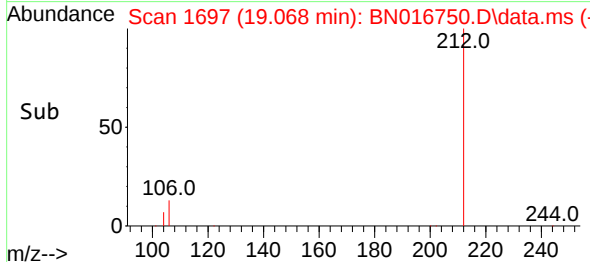
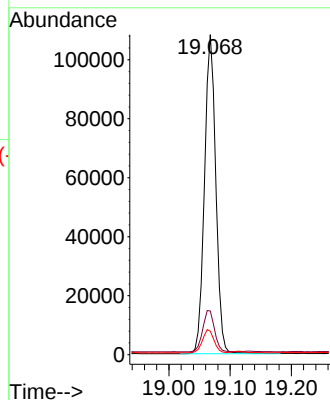
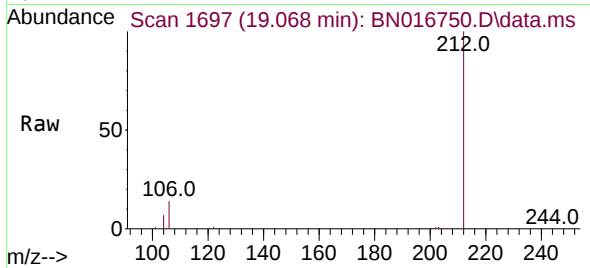




#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

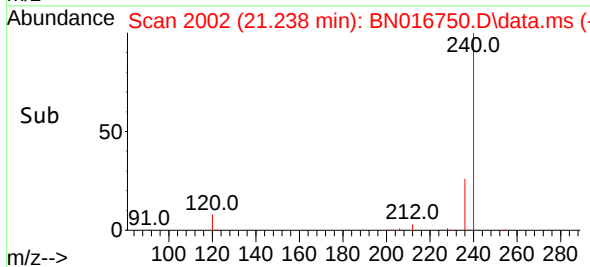
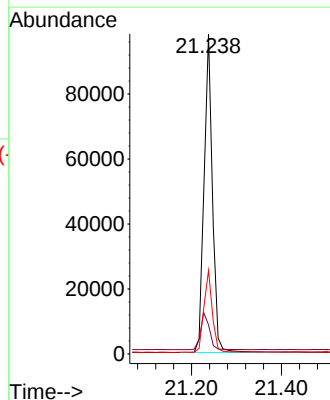
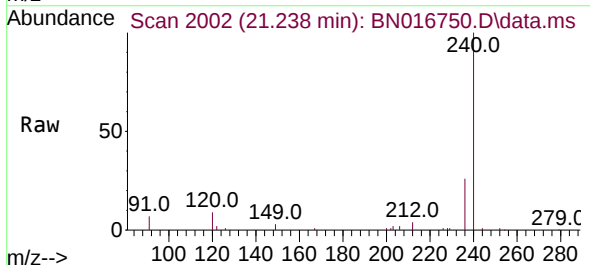
Instrument :
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ClientSampled :

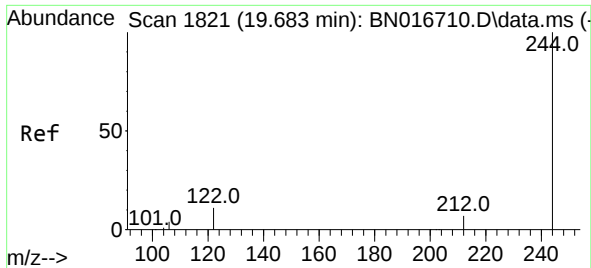
Tgt Ion:212 Resp: 138862
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.2 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

Tgt Ion:240 Resp: 126914
Ion Ratio Lower Upper
240 100
120 9.1 6.6 10.0
236 26.1 20.7 31.1

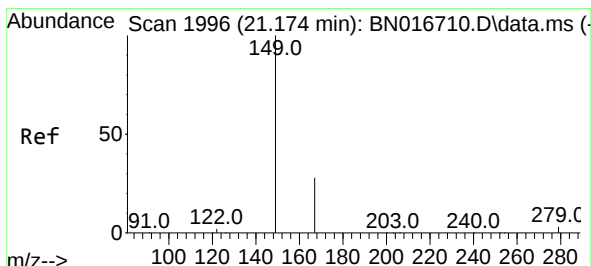
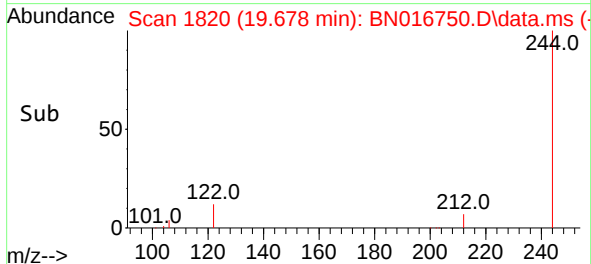
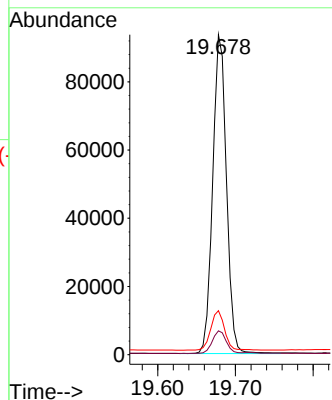
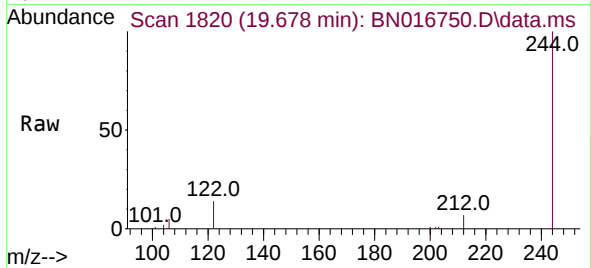




#31
Terphenyl-d14
Concen: 0.403 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

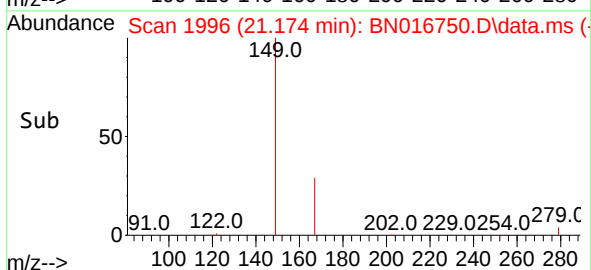
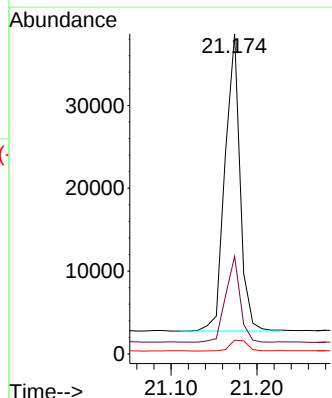
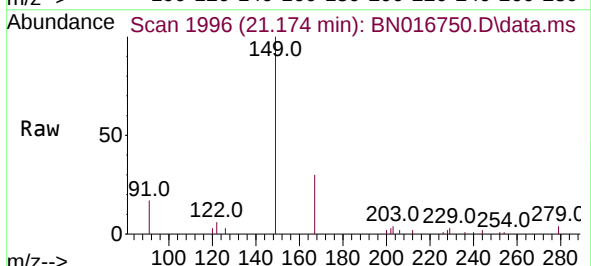
Instrument :
BNA_N
ClientSampleId :

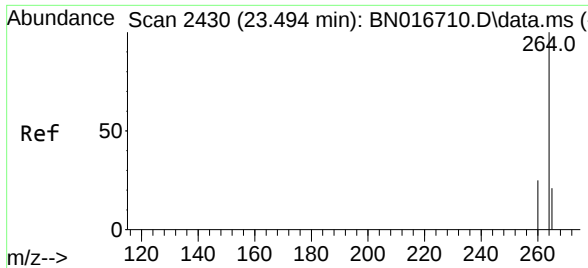
Tgt Ion:244 Resp: 114580
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 13.7 8.9 13.3#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.182 ng
RT: 21.174 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BN016750.D
Acq: 05 Oct 2021 18:48

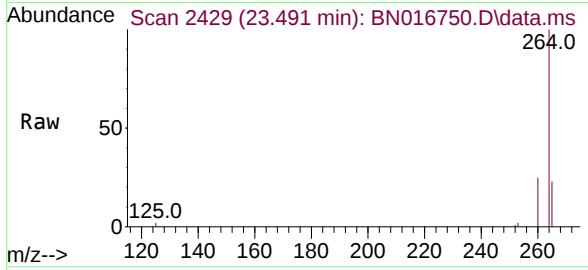
Tgt Ion:149 Resp: 43546
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.4
279 4.4 3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.491 min Scan# 2429
 Delta R.T. -0.003 min
 Lab File: BN016750.D
 Acq: 05 Oct 2021 18:48

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 137716

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	23.5	20.3	30.5

