

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016455.D
 Acq On : 25 Sep 2021 03:02
 Operator : CG/JU
 Sample : M3911-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 25 05:07:12 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)

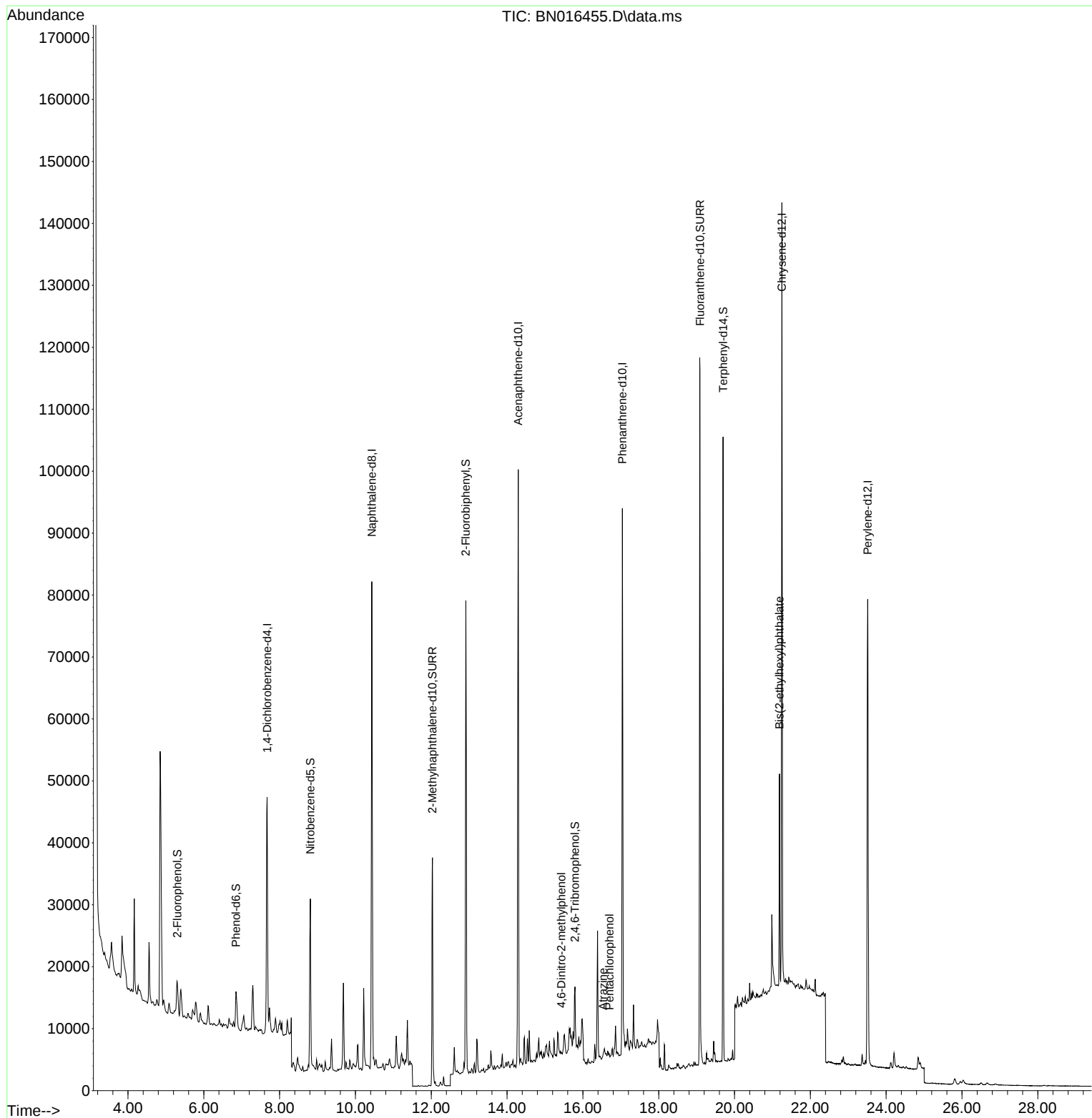
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	23225	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	101157	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	55615	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	113772	0.400	ng	0.00
29) Chrysene-d12	21.249	240	110456	0.400	ng	# 0.00
35) Perylene-d12	23.512	264	100907	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	7518	0.144	ng	0.02
5) Phenol-d6	6.849	99	5631	0.092	ng	0.00
8) Nitrobenzene-d5	8.810	82	21952	0.307	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	48956	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	7474	0.486	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	66812	0.286	ng	-0.01
27) Fluoranthene-d10	19.088	212	132288	0.424	ng	0.00
31) Terphenyl-d14	19.698	244	101437	0.395	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.436	198	29	0.150	ng	# 1
23) Atrazine	16.531	200	299	0.140	ng	# 1
24) Pentachlorophenol	16.701	266	252	0.252	ng	94
34) Bis(2-ethylhexyl)phtha...	21.185	149	28205	0.323	ng	98

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

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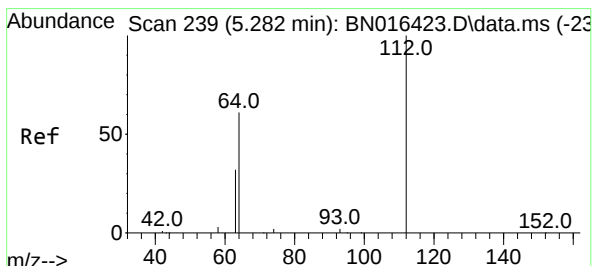
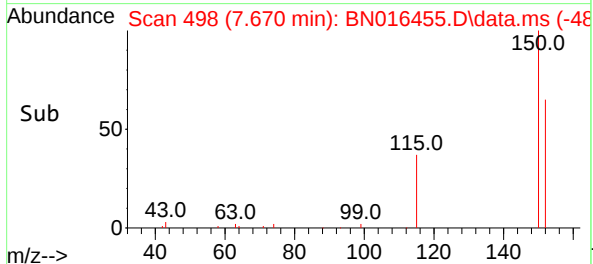
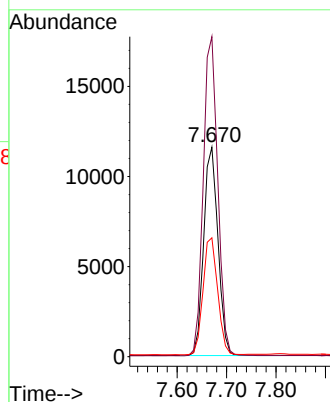
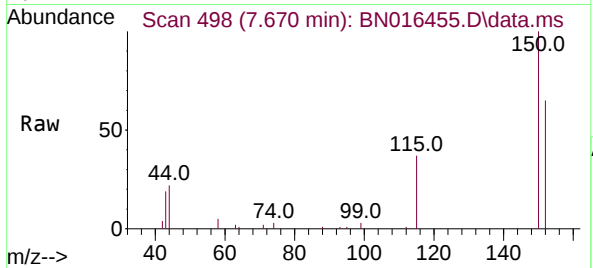




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

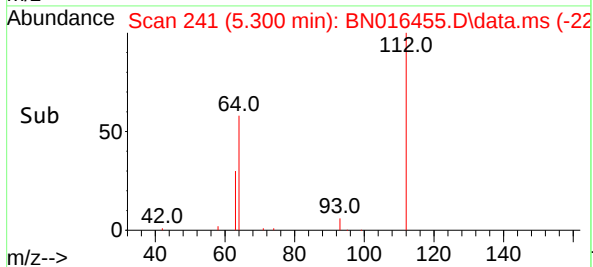
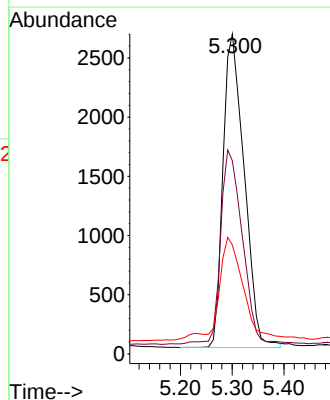
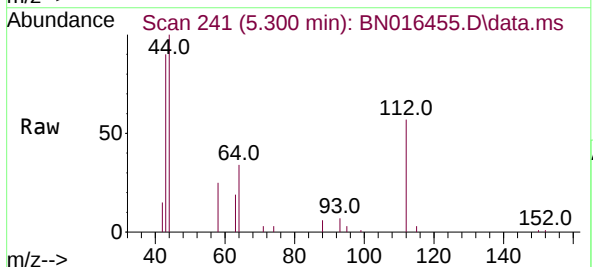
Instrument :
BNA_N
ClientSampleId :

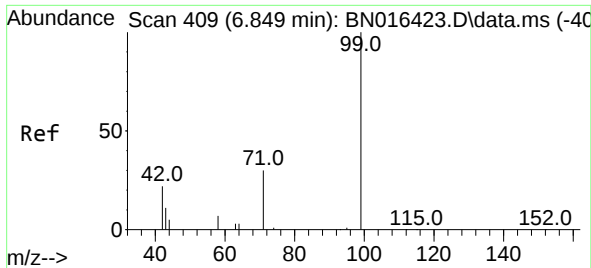
Tgt Ion:152 Resp: 23225
Ion Ratio Lower Upper
152 100
150 152.7 125.6 188.4
115 56.7 50.2 75.2



#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

Tgt Ion:112 Resp: 7518
Ion Ratio Lower Upper
112 100
64 62.8 47.3 70.9
63 32.8 23.4 35.0

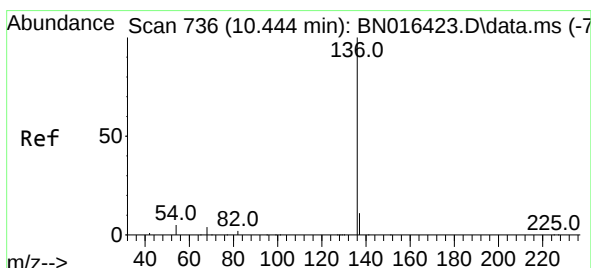
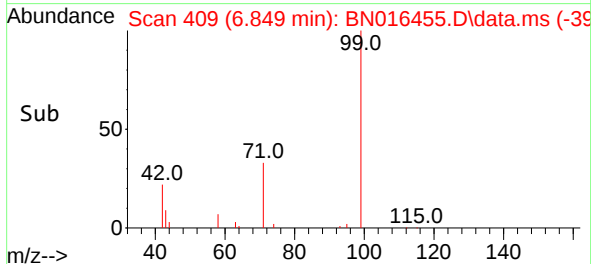
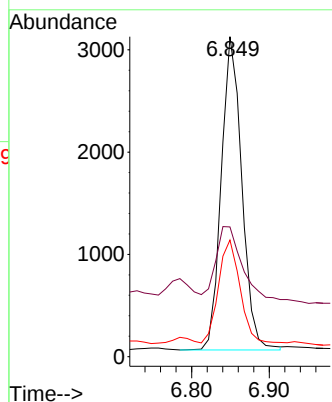
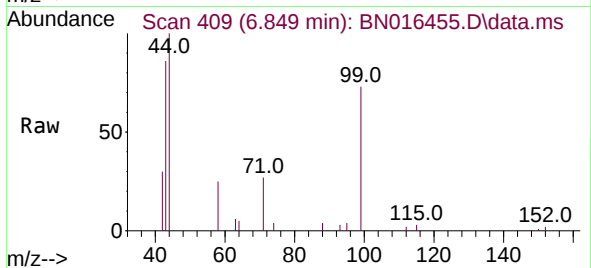




#5
Phenol-d6
Concen: 0.092 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

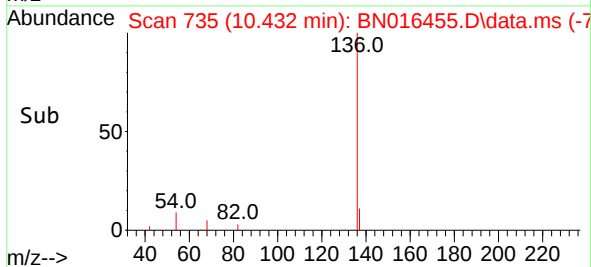
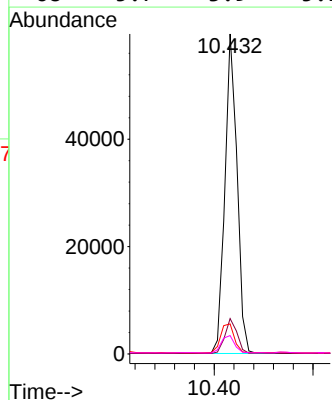
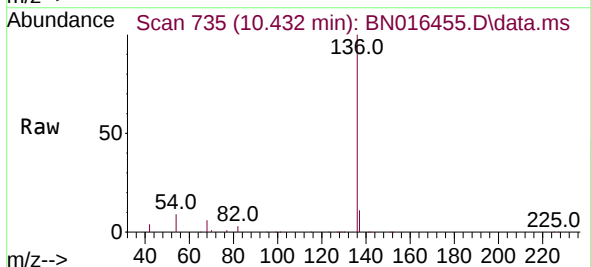
Instrument :
BNA_N
ClientSampled :

Tgt Ion: 99 Resp: 5631
Ion Ratio Lower Upper
99 100
42 28.7 14.0 21.0#
71 34.3 23.8 35.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

Tgt Ion:136 Resp: 101157
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.4 5.3 7.9#
68 5.7 3.9 5.9

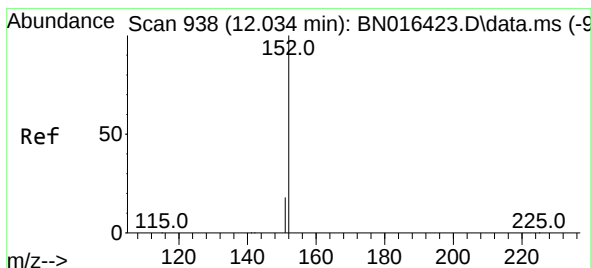
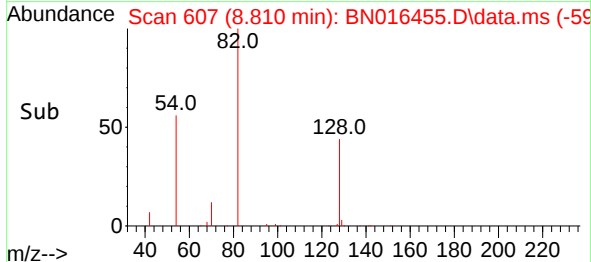
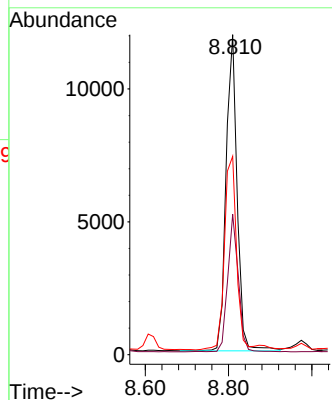
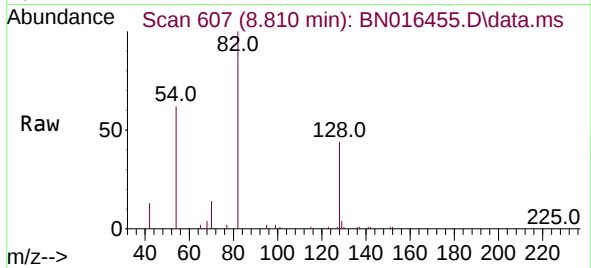




#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

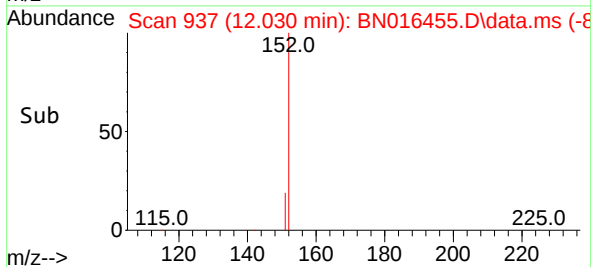
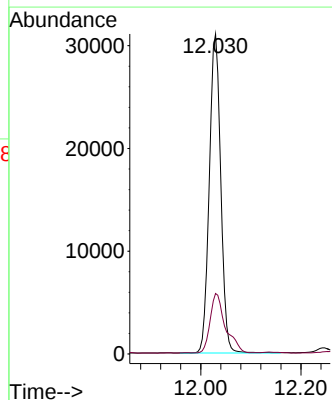
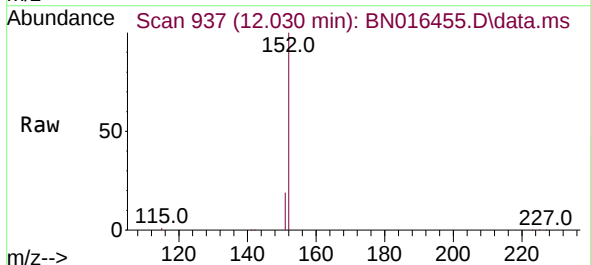
Instrument :
BNA_N
ClientSampleId :

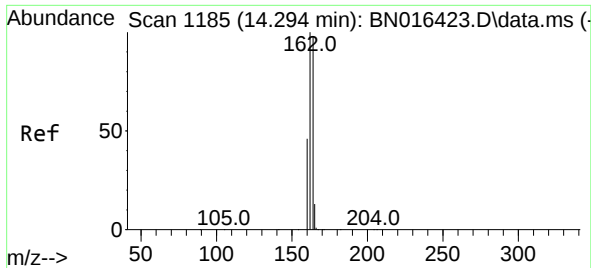
Tgt Ion: 82 Resp: 21952
Ion Ratio Lower Upper
82 100
128 43.9 31.7 47.5
54 62.0 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.030 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

Tgt Ion: 152 Resp: 48956
Ion Ratio Lower Upper
152 100
151 24.9 16.1 24.1#

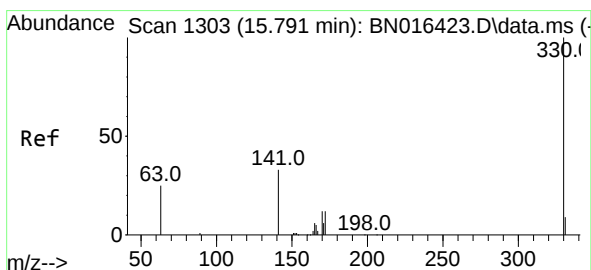
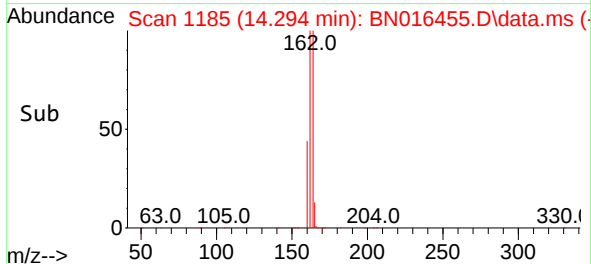
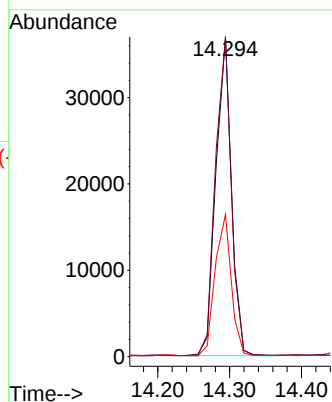
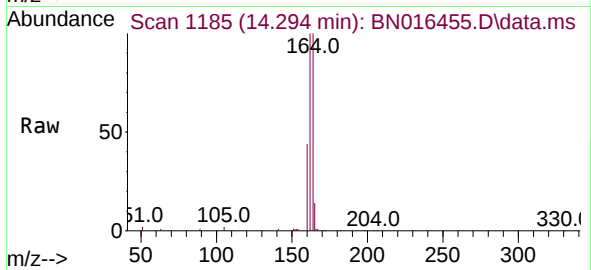




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

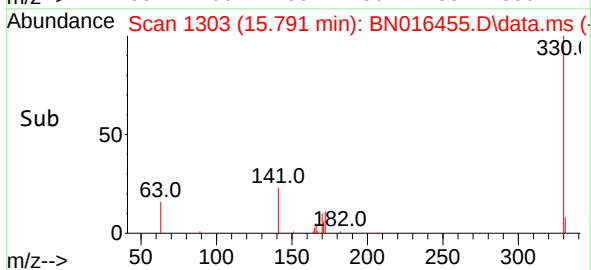
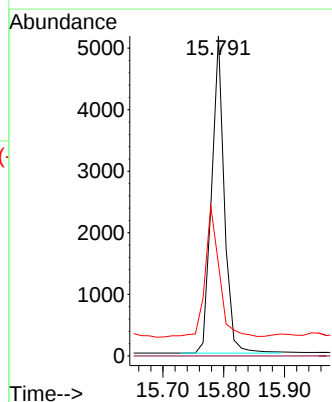
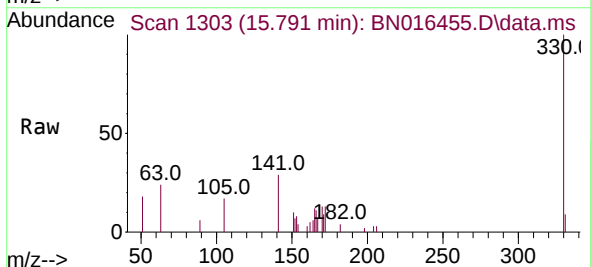
Instrument :
BNA_N
ClientSampleId :

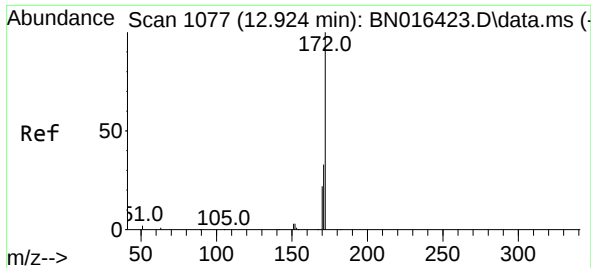
Tgt Ion:164 Resp: 55615
Ion Ratio Lower Upper
164 100
162 99.8 79.0 118.4
160 44.4 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.486 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

Tgt Ion:330 Resp: 7474
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.6 25.0 37.4#

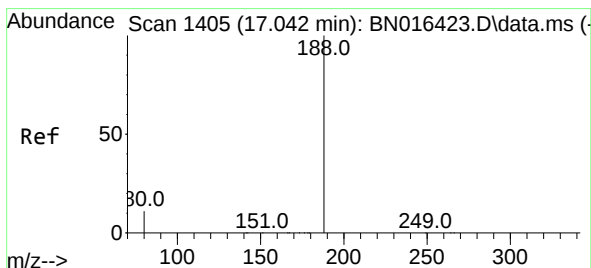
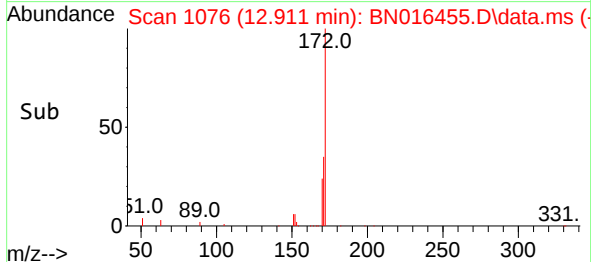
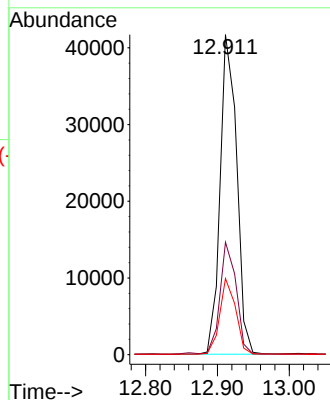
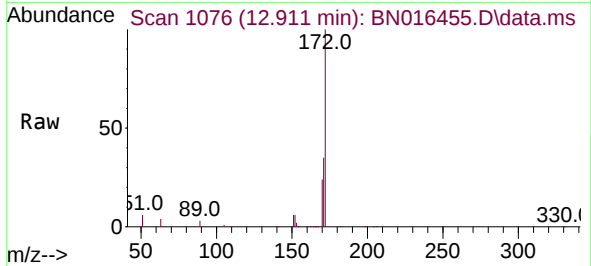




#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

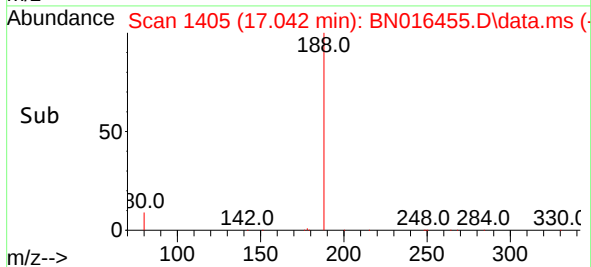
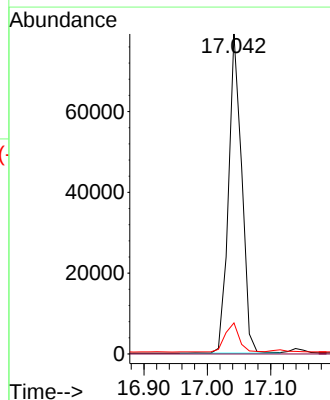
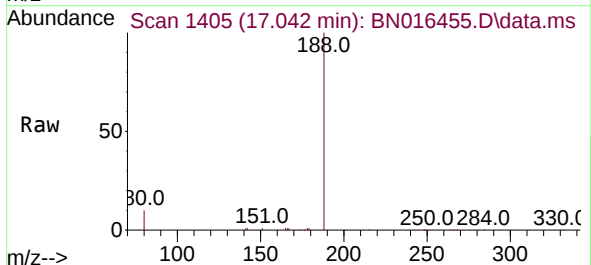
Instrument :
BNA_N
ClientSampleId :

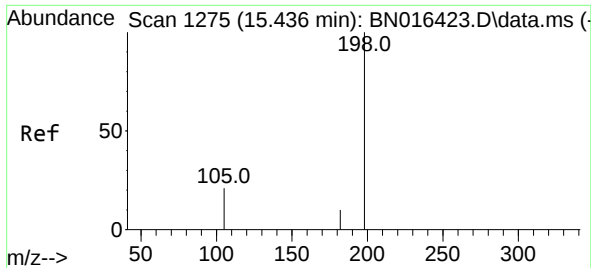
Tgt Ion:172 Resp: 66812
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.8 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

Tgt Ion:188 Resp: 113772
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.0 10.6

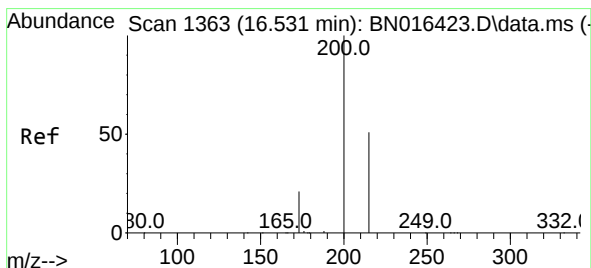
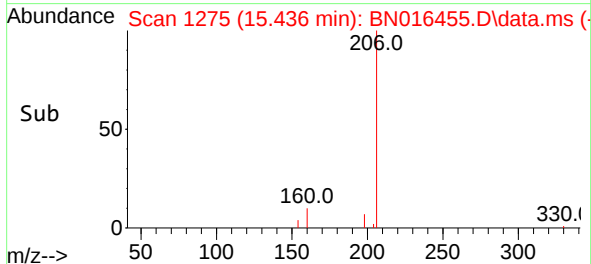
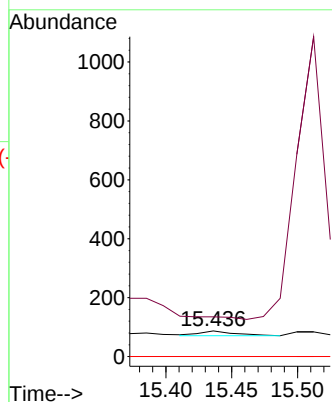
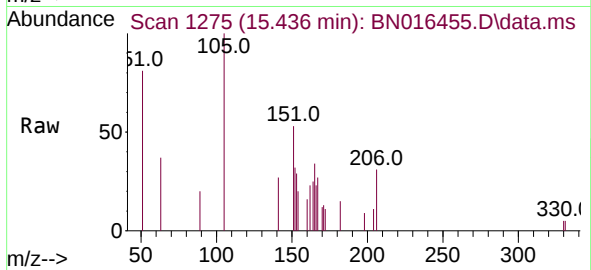




#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

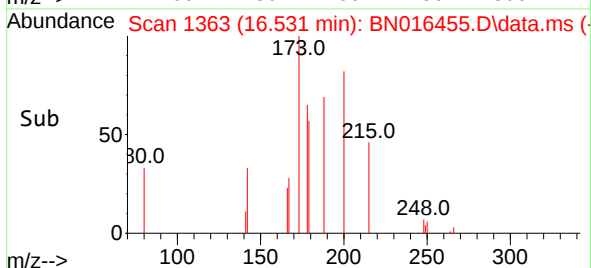
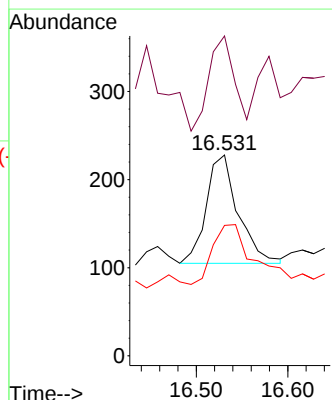
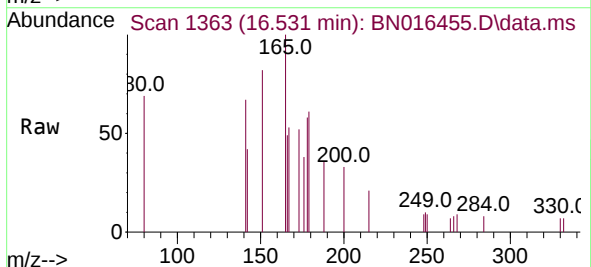
Instrument :
BNA_N
ClientSampled :

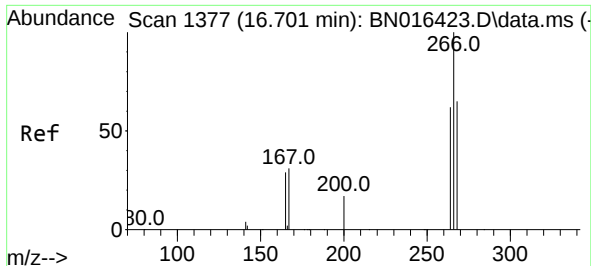
Tgt Ion:198 Resp: 29
Ion Ratio Lower Upper
198 100
182 155.2 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.140 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

Tgt Ion:200 Resp: 299
Ion Ratio Lower Upper
200 100
173 159.2 18.7 28.1#
215 64.9 41.6 62.4#

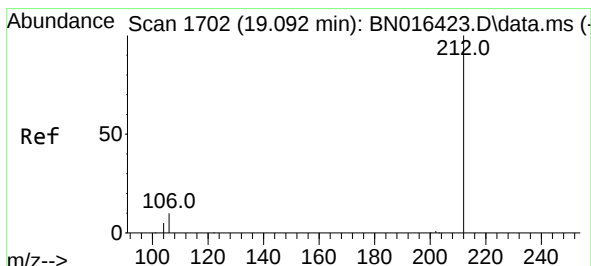
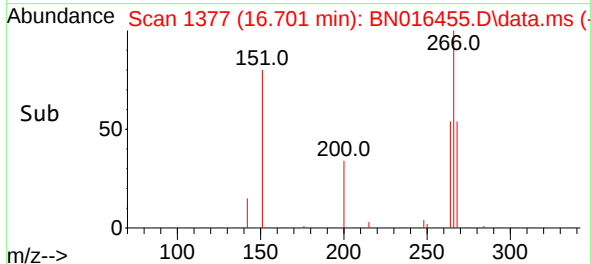
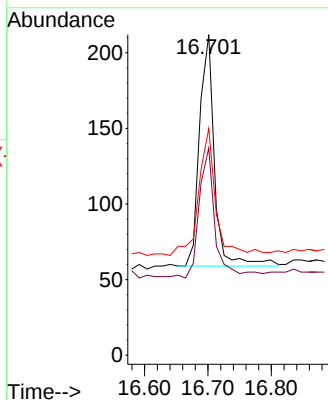
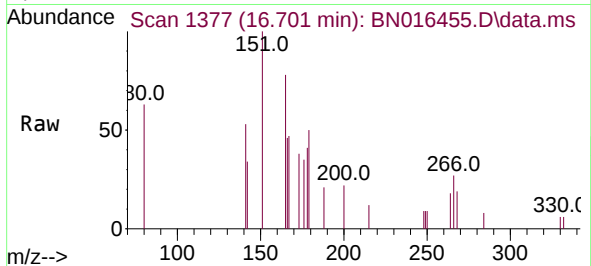




#24
Pentachlorophenol
Concen: 0.252 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

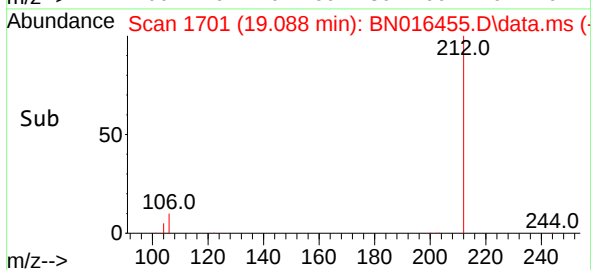
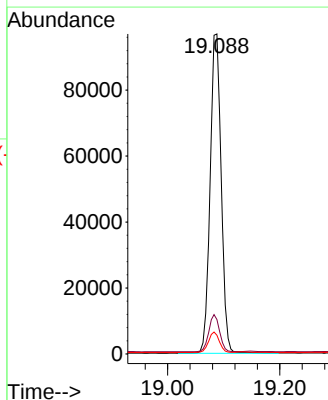
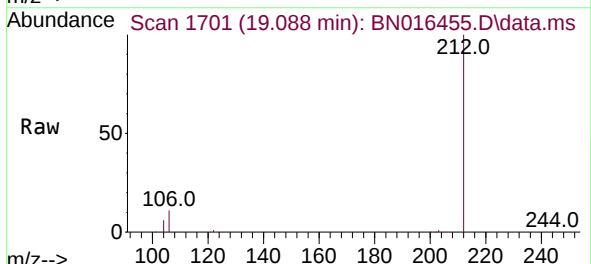
Instrument :
BNA_N
ClientSampleId :

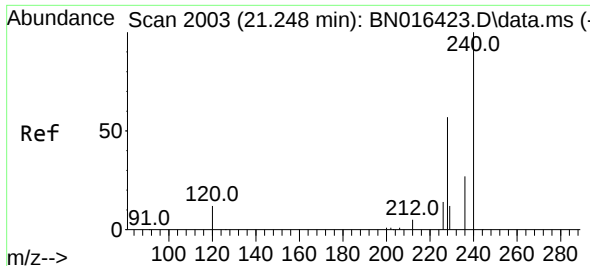
Tgt Ion:	266	Resp:	252
Ion Ratio	Lower	Upper	
266	100		
264	56.3	50.6	75.8
268	62.7	52.6	79.0



#27
Fluoranthene-d10
Concen: 0.424 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

Tgt Ion:	212	Resp:	132288
Ion Ratio	Lower	Upper	
212	100		
106	11.3	9.8	14.6
104	6.3	5.4	8.2

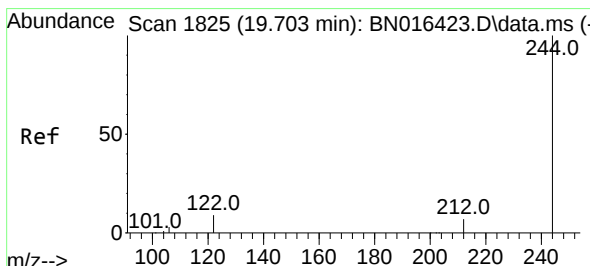
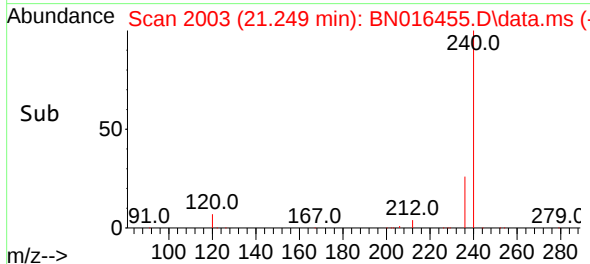
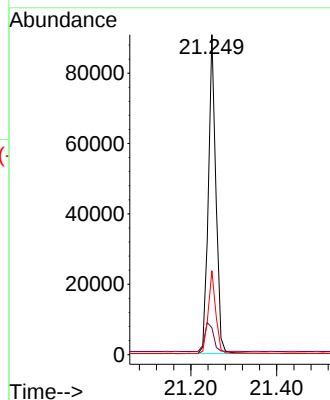
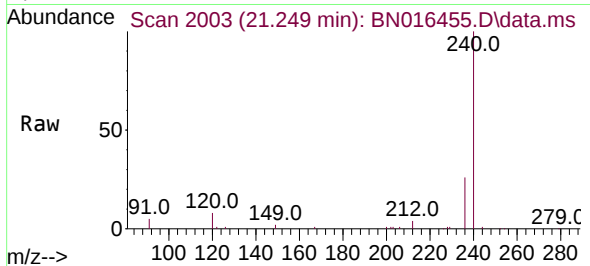




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

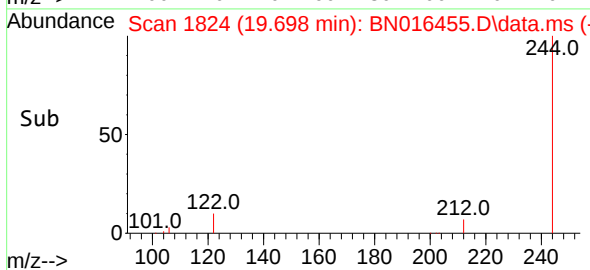
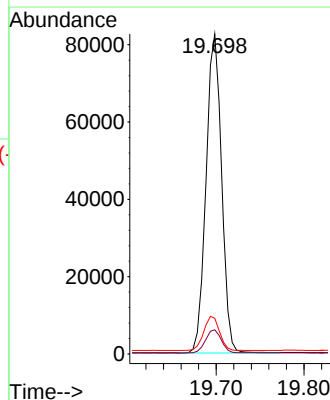
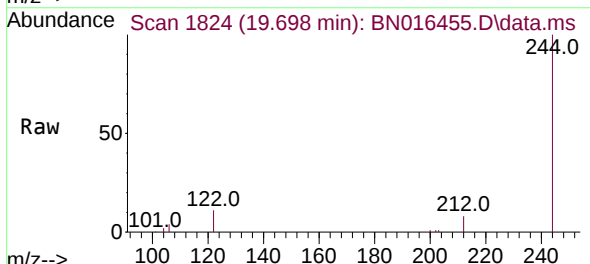
Instrument :
BNA_N
ClientSampleId :

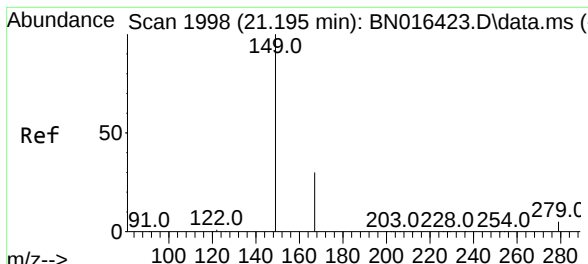
Tgt Ion:240 Resp: 110456
Ion Ratio Lower Upper
240 100
120 8.4 5.3 7.9#
236 26.3 19.8 29.8



#31
Terphenyl-d14
Concen: 0.395 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016455.D
Acq: 25 Sep 2021 03:02

Tgt Ion:244 Resp: 101437
Ion Ratio Lower Upper
244 100
212 7.6 5.5 8.3
122 11.2 9.0 13.4

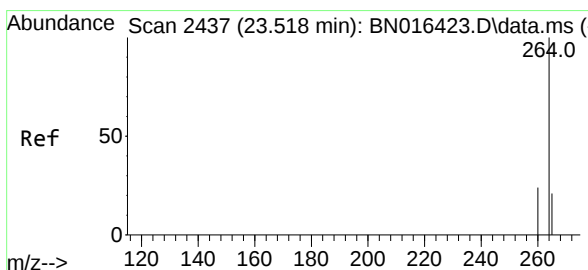
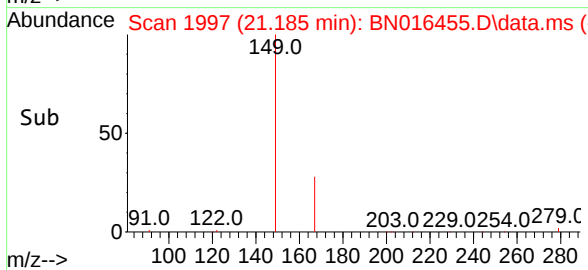
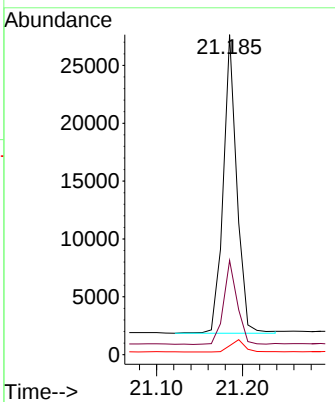
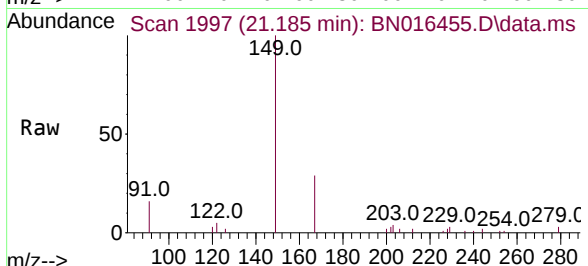




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.323 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016455.D
 Acq: 25 Sep 2021 03:02

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	149	Resp:	28205
Ion Ratio	Lower	Upper	
149	100		
167	28.1	23.4	35.0
279	4.6	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: BN016455.D
 Acq: 25 Sep 2021 03:02

Tgt Ion:	264	Resp:	100907
Ion Ratio	Lower	Upper	
264	100		
260	24.8	18.9	28.3
265	24.0	23.7	35.5

