

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016792.D
 Acq On : 06 Oct 2021 22:54
 Operator : CG/JU
 Sample : M3915-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20210921

Quant Time: Oct 07 00:59:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

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

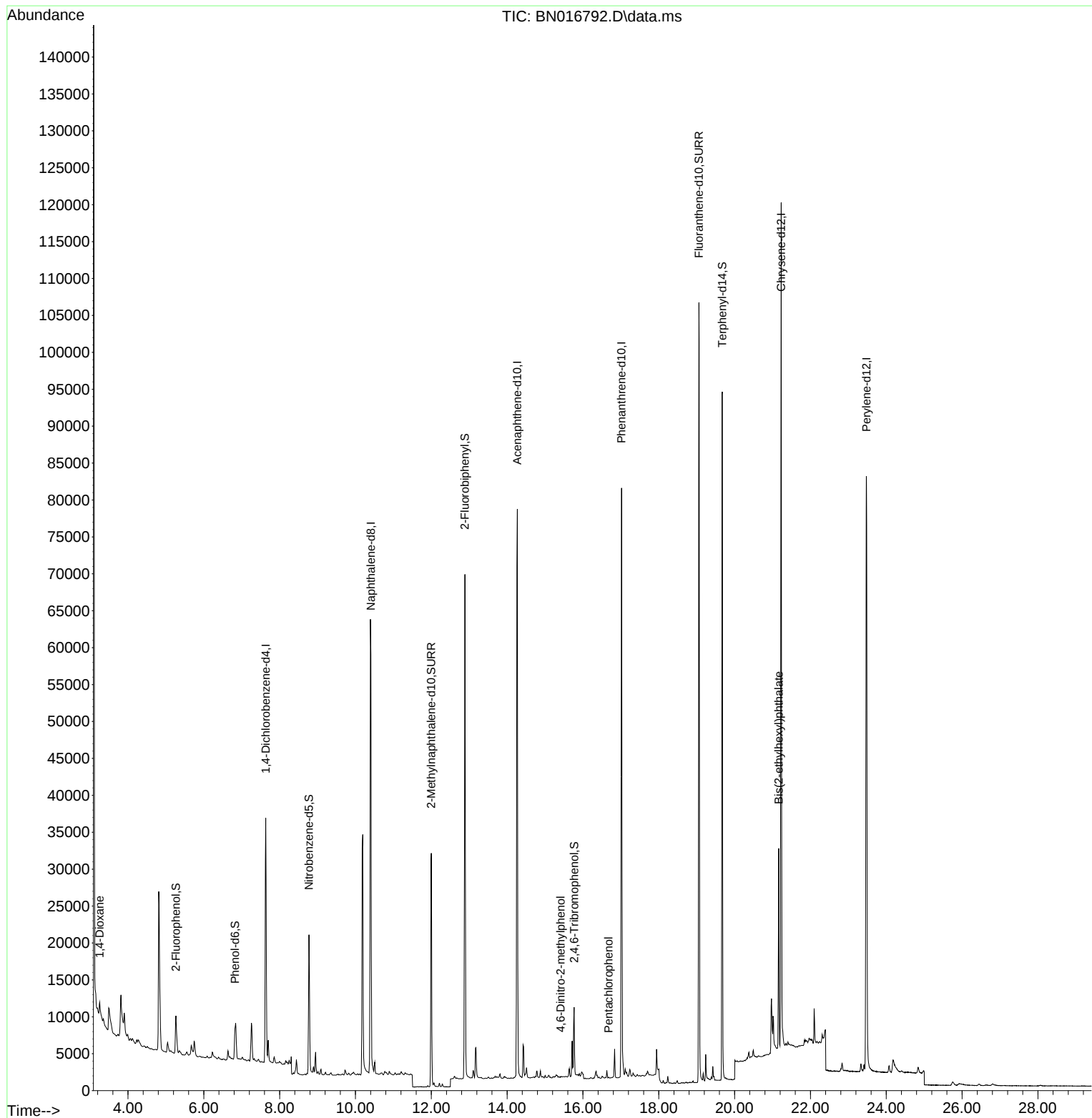
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	19809	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	92377	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	50853	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	102062	0.400	ng	0.00
29) Chrysene-d12	21.228	240	104734	0.400	ng	0.00
35) Perylene-d12	23.474	264	109712	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	6629	0.131	ng	0.02
5) Phenol-d6	6.822	99	4278	0.076	ng	0.00
8) Nitrobenzene-d5	8.772	82	17433	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	11.999	152	44324	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8654	0.412	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	58086	0.286	ng	0.00
27) Fluoranthene-d10	19.058	212	121455	0.435	ng	0.00
31) Terphenyl-d14	19.674	244	98427	0.420	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	1037	0.112	ng	# 67
20) 4,6-Dinitro-2-methylph...	15.411	198	4	0.266	ng	# 1
24) Pentachlorophenol	16.677	266	76	0.341	ng	93
34) Bis(2-ethylhexyl)phtha...	21.164	149	22484	0.114	ng	99

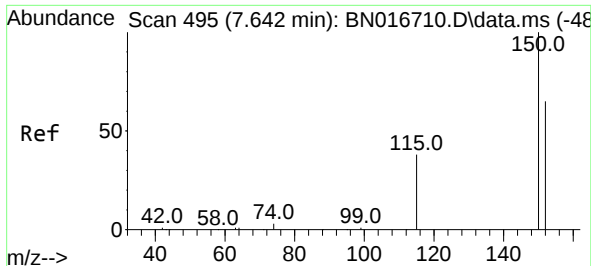
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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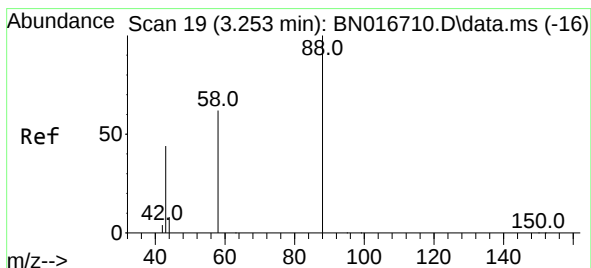
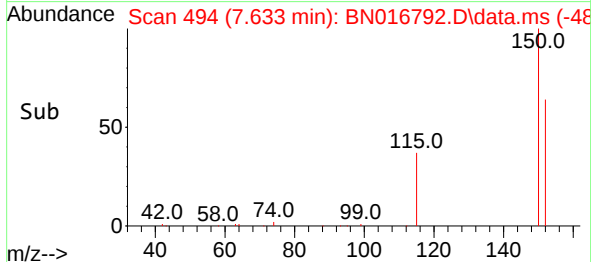
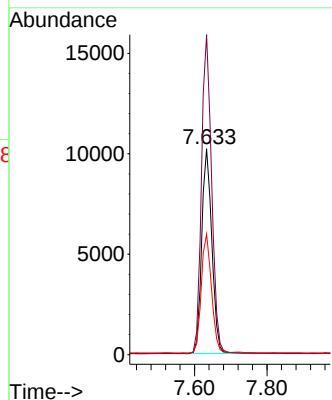
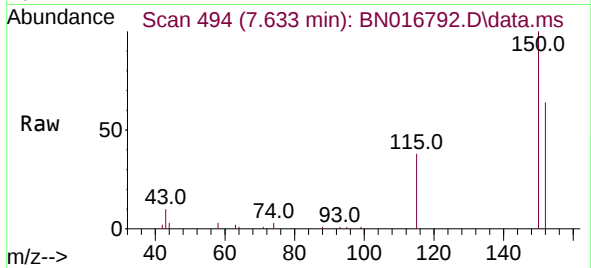




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

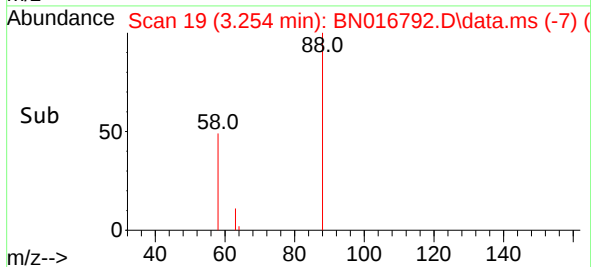
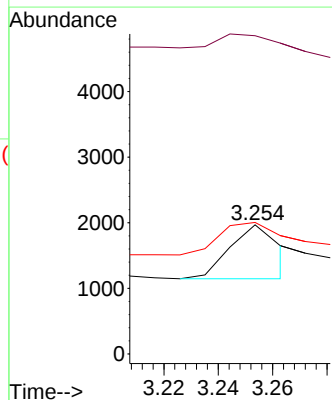
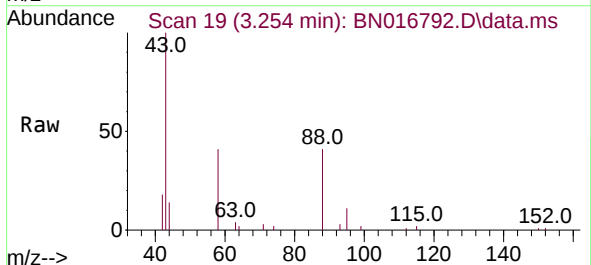
Instrument :
BNA_N
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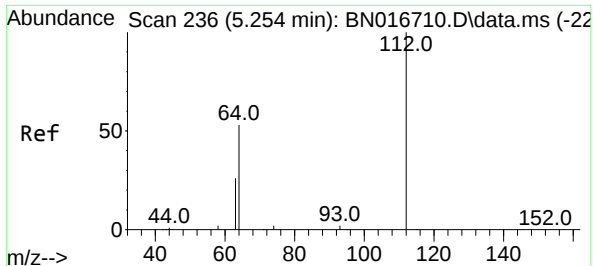
Tgt Ion:152 Resp: 19809
Ion Ratio Lower Upper
152 100
150 155.4 123.3 184.9
115 58.6 47.0 70.6



#2
1,4-Dioxane
Concen: 0.112 ng
RT: 3.254 min Scan# 19
Delta R.T. 0.010 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

Tgt Ion: 88 Resp: 1037
Ion Ratio Lower Upper
88 100
43 26.2 61.7 92.5#
58 70.7 62.2 93.2

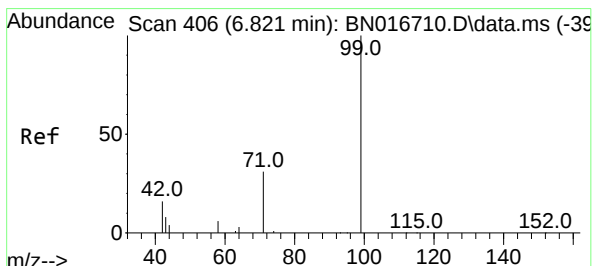
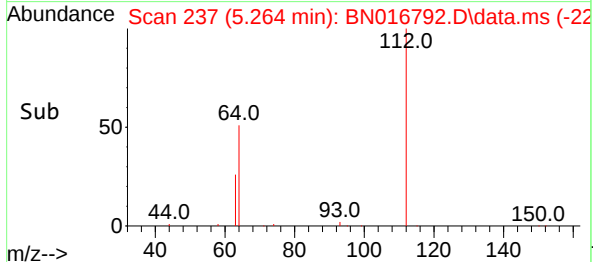
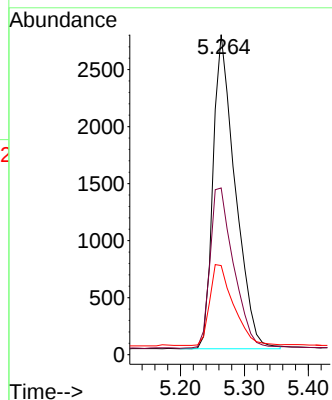
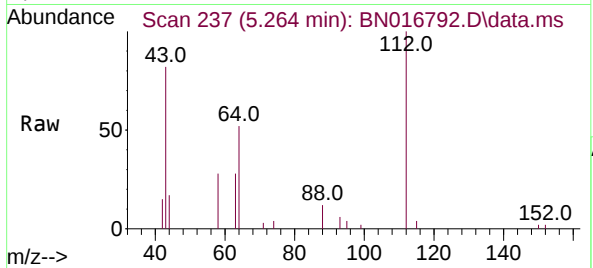




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

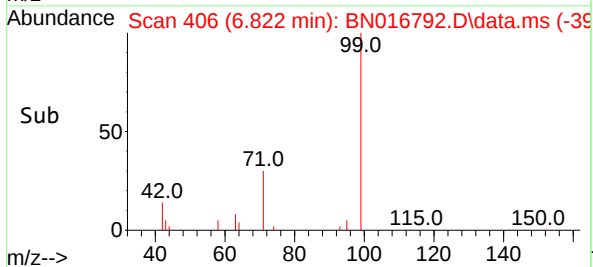
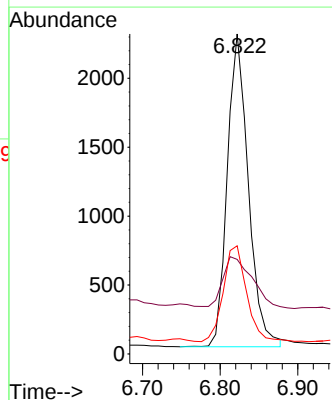
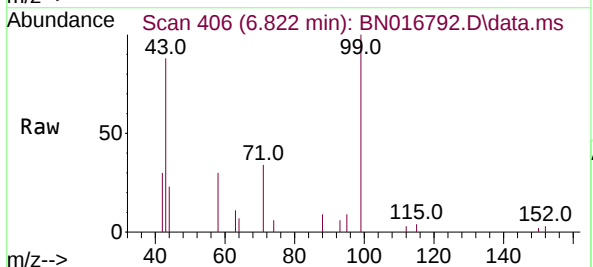
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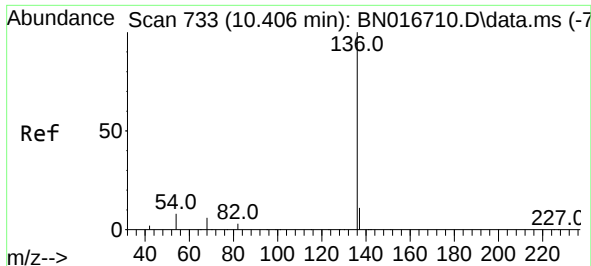
Tgt Ion:112 Resp: 6629
Ion Ratio Lower Upper
112 100
64 54.5 42.9 64.3
63 27.5 21.5 32.3



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.010 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

Tgt Ion: 99 Resp: 4278
Ion Ratio Lower Upper
99 100
42 21.5 13.4 20.2#
71 33.9 24.0 36.0

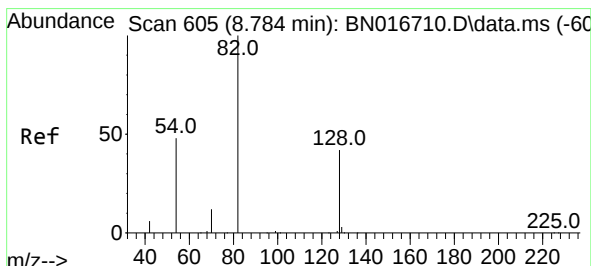
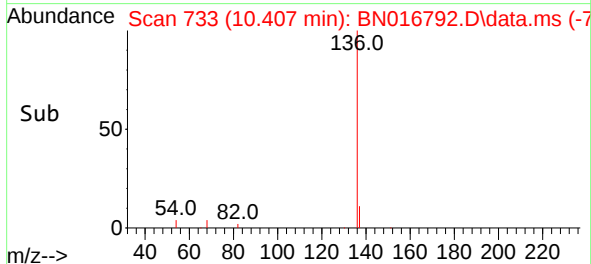
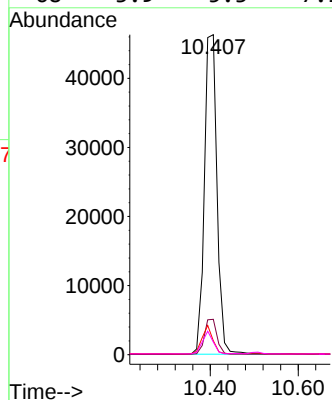
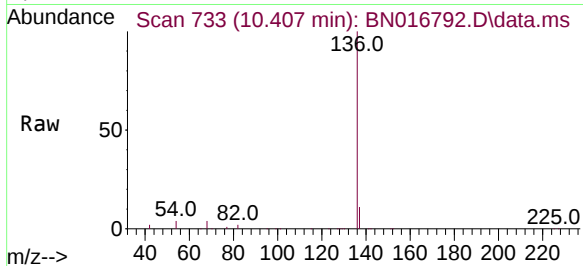




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

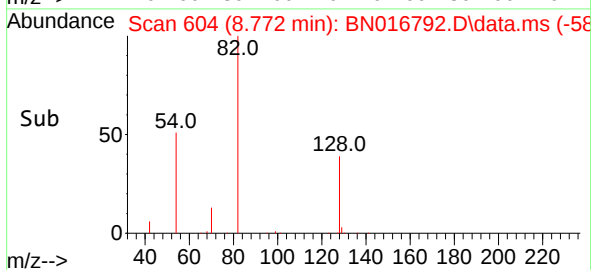
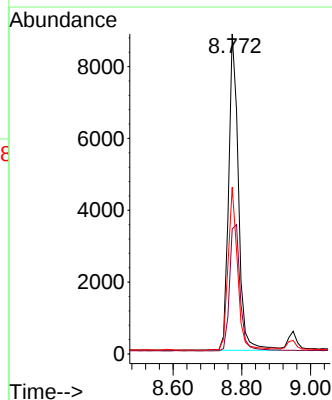
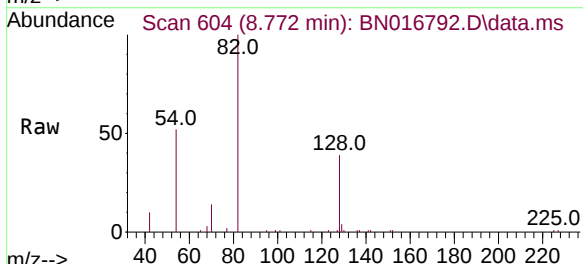
Instrument :
BNA_N
ClientSampleId :
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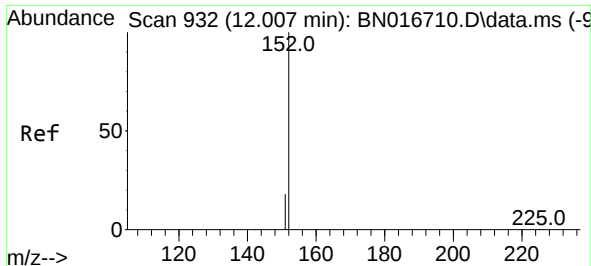
Tgt Ion:136	Resp:	92377
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	4.4	6.5 9.7#
68	3.9	5.3 7.9#



#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

Tgt Ion: 82	Resp:	17433
Ion Ratio	Lower	Upper
82	100	
128	39.0	33.8 50.6
54	52.1	38.5 57.7

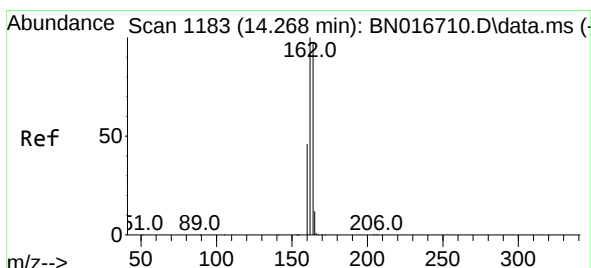
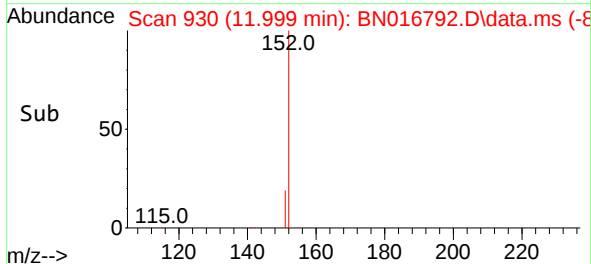
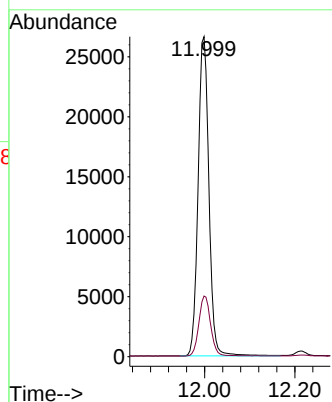
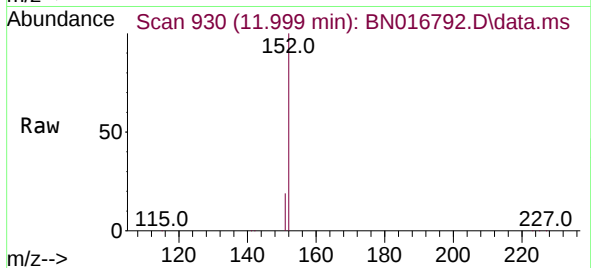




#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 11.999 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

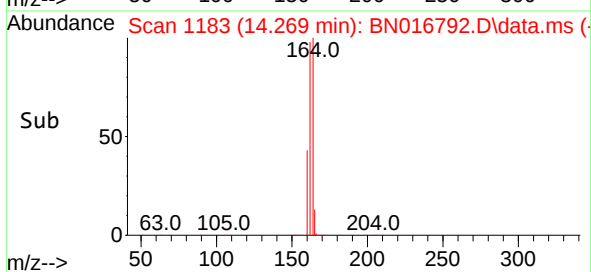
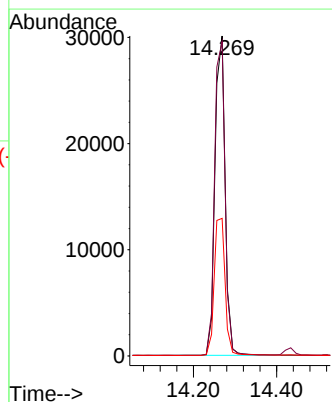
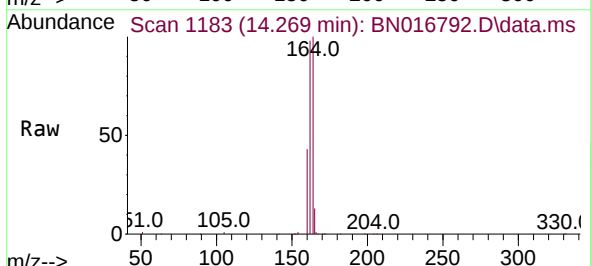
Instrument :
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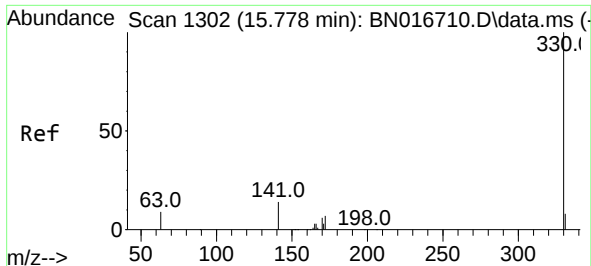
Tgt Ion:152 Resp: 44324
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

Tgt Ion:164 Resp: 50853
Ion Ratio Lower Upper
164 100
162 98.2 82.6 124.0
160 43.0 38.2 57.2

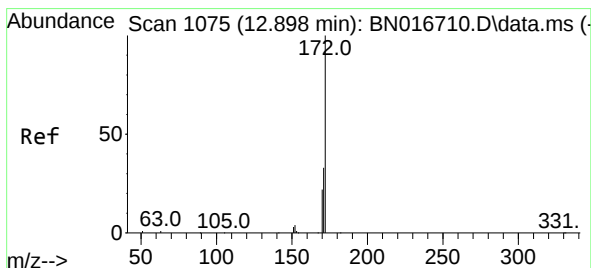
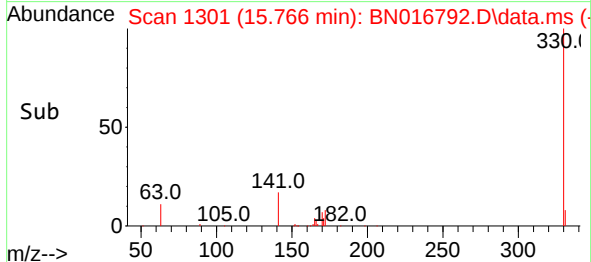
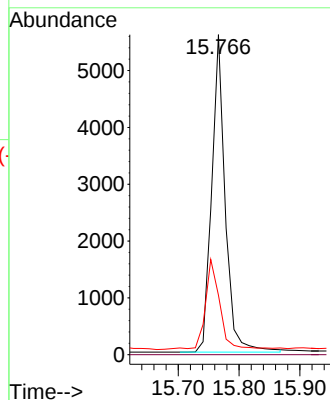
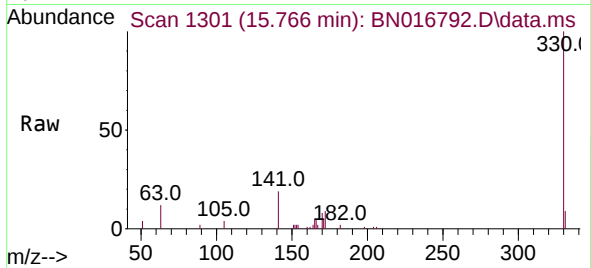




#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

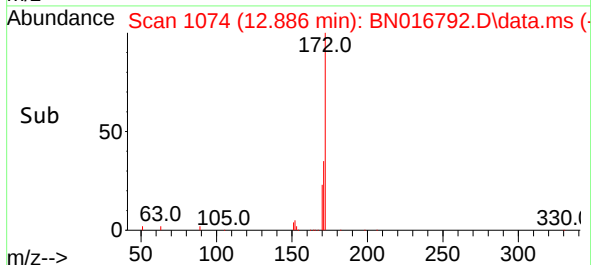
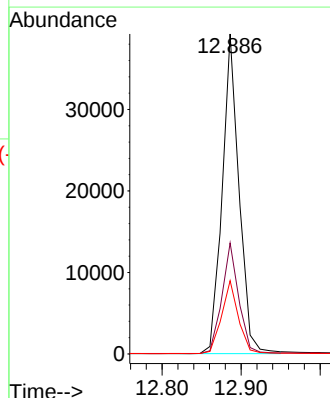
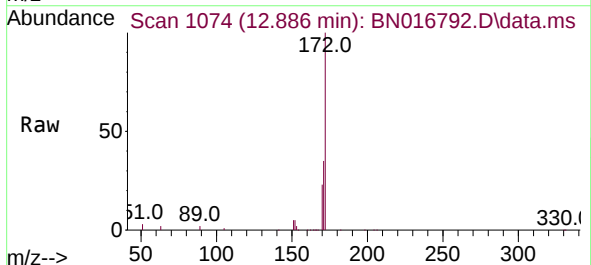
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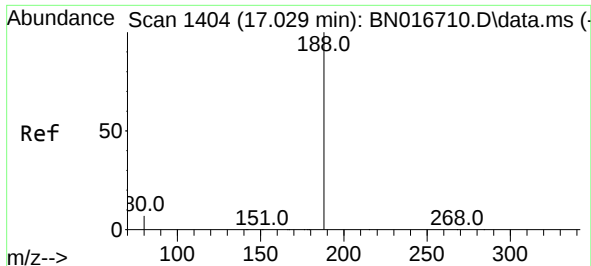
Tgt Ion:330 Resp: 8654
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.6 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

Tgt Ion:172 Resp: 58086
Ion Ratio Lower Upper
172 100
171 34.7 26.9 40.3
170 22.9 17.4 26.0

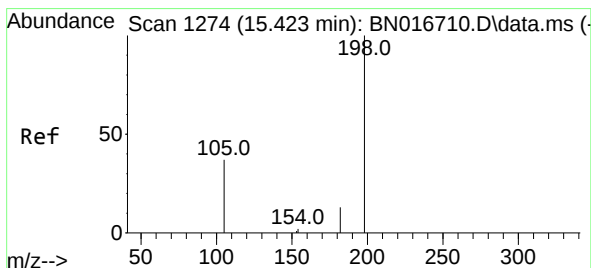
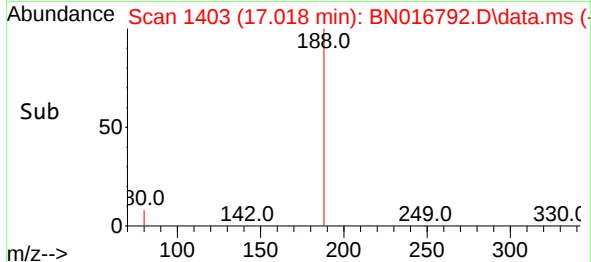
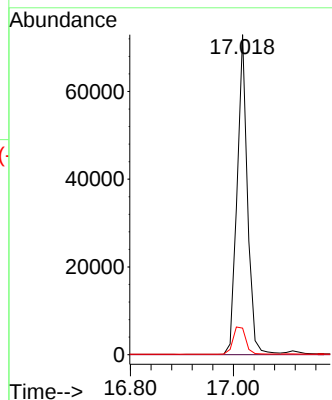
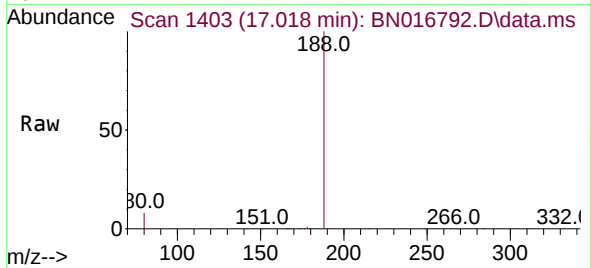




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

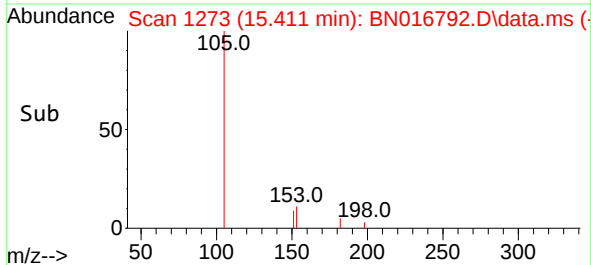
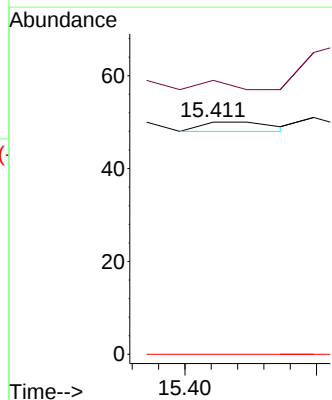
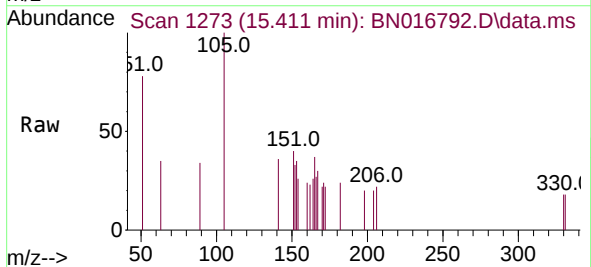
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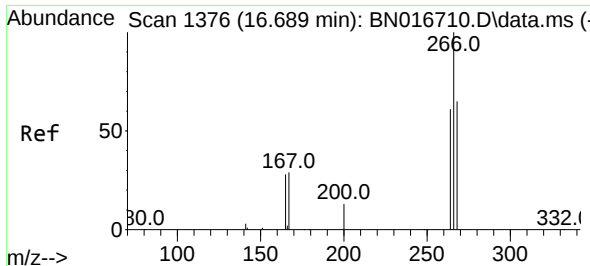
Tgt Ion:188 Resp: 102062
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 5.8 8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 118.0 26.2 39.2#
77 0.0 0.0 0.0

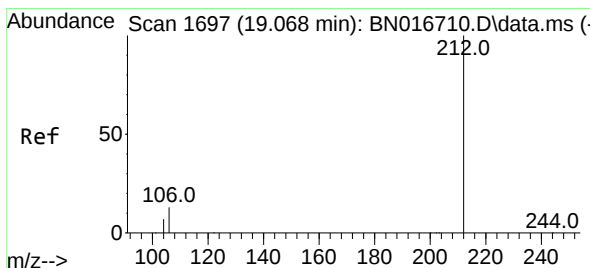
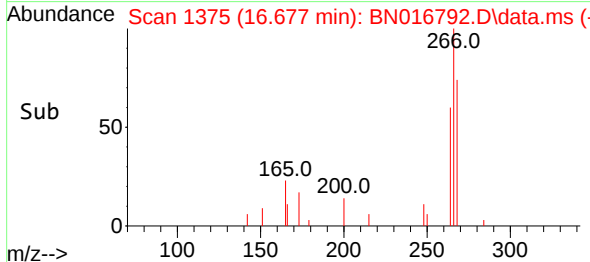
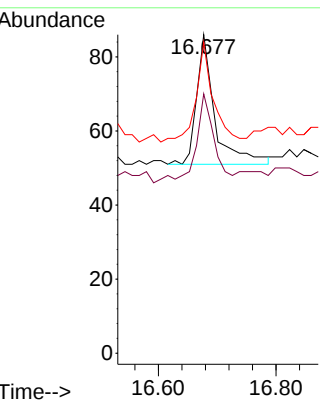
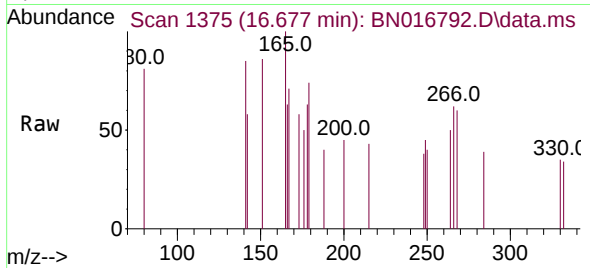




#24
Pentachlorophenol
Concen: 0.341 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

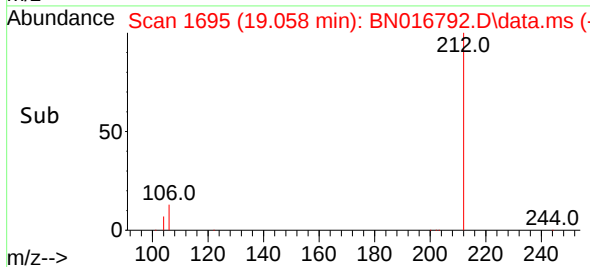
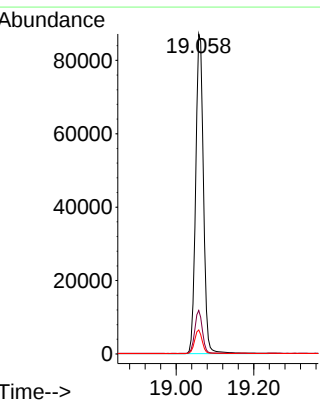
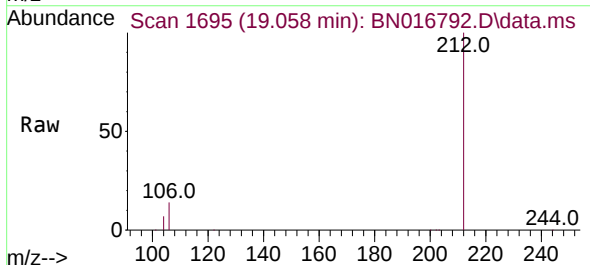
Instrument :
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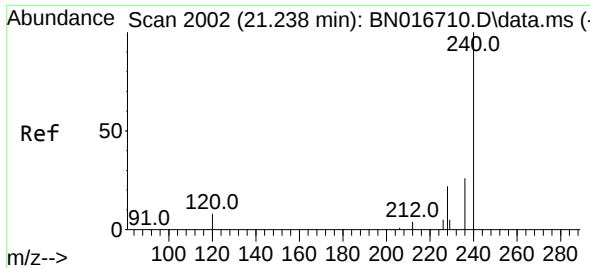
Tgt Ion:266	Resp:	76
Ion Ratio	Lower	Upper
266	100	
264	57.9	49.3 73.9
268	72.4	51.8 77.8



#27
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

Tgt Ion:212	Resp:	121455
Ion Ratio	Lower	Upper
212	100	
106	13.4	10.6 16.0
104	7.3	5.8 8.8

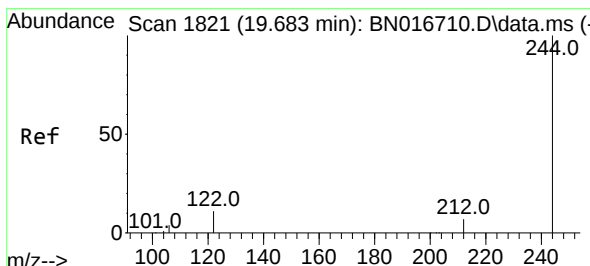
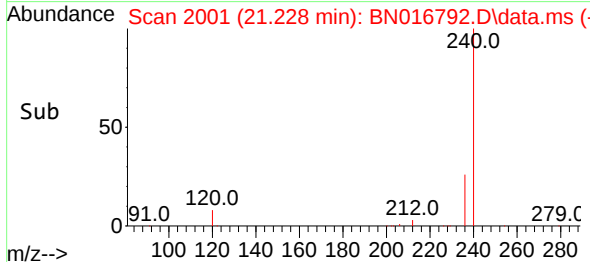
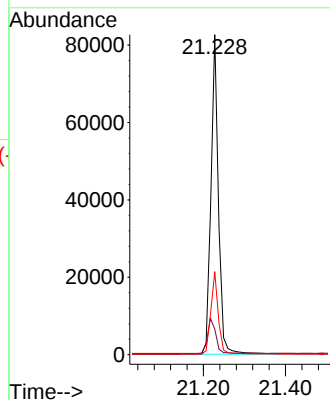
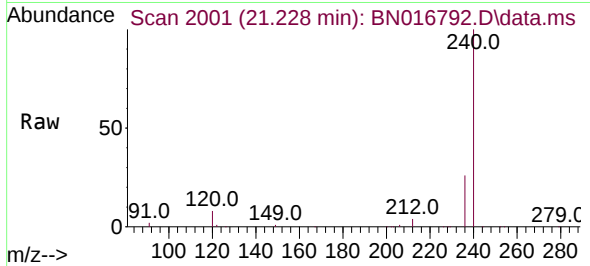




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

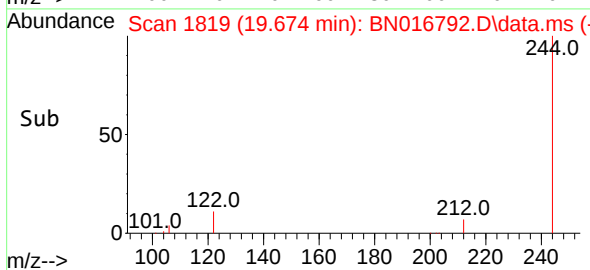
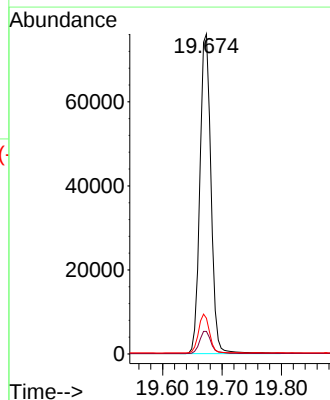
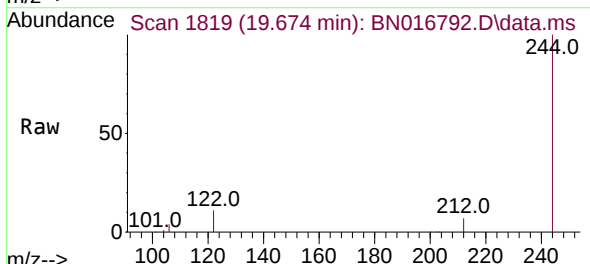
Instrument :
BNA_N
ClientSampleId :
MW178I-20210921

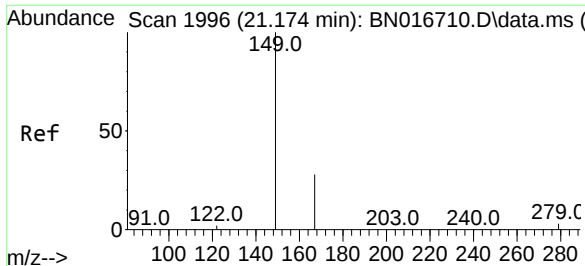
Tgt Ion:240 Resp: 104734
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 26.0 20.7 31.1



#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.674 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016792.D
Acq: 06 Oct 2021 22:54

Tgt Ion:244 Resp: 98427
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 11.1 8.9 13.3

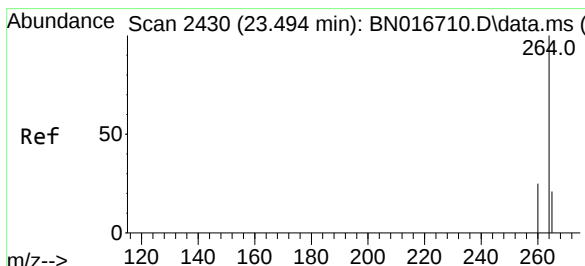
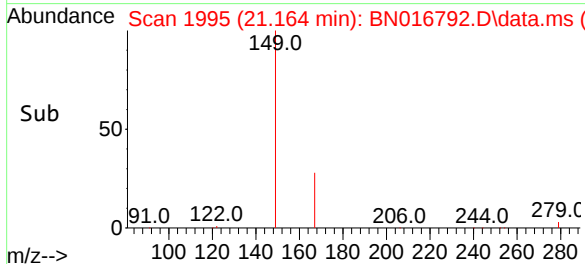
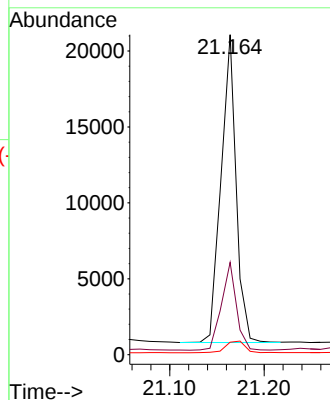
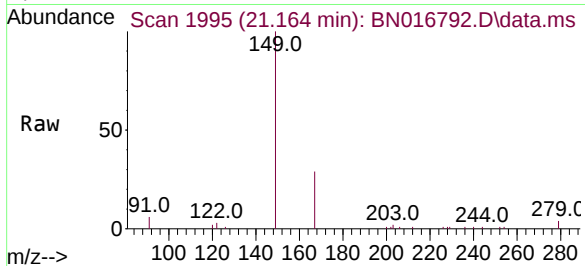




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.114 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. 0.000 min
 Lab File: BN016792.D
 Acq: 06 Oct 2021 22:54

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20210921

Tgt Ion:	149	Resp:	22484
Ion Ratio	Lower	Upper	
149	100		
167	28.2	22.2	33.4
279	4.9	3.4	5.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.474 min Scan# 2424
 Delta R.T. -0.007 min
 Lab File: BN016792.D
 Acq: 06 Oct 2021 22:54

Tgt Ion:	264	Resp:	109712
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.8	29.6
265	23.0	20.3	30.5

