

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016746.D
 Acq On : 05 Oct 2021 14:28
 Operator : CG/JU
 Sample : M3829-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20210917

Quant Time: Oct 05 16:00:19 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)

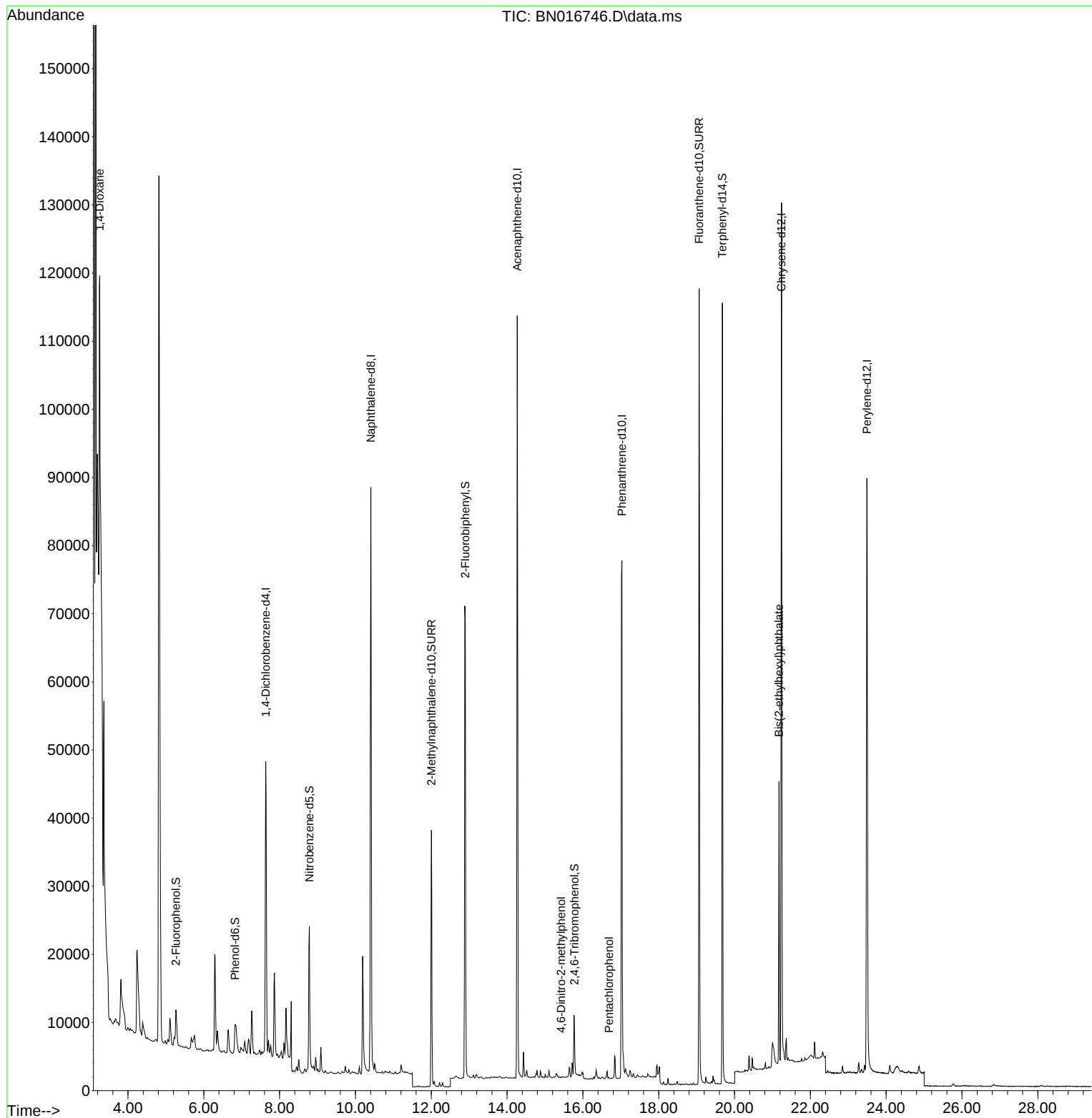
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	25033	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	115196	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	61808	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	120423	0.400	ng	0.00
29) Chrysene-d12	21.238	240	118052	0.400	ng	0.00
35) Perylene-d12	23.491	264	120086	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	6903	0.108	ng	0.00
5) Phenol-d6	6.822	99	4245	0.060	ng	0.00
8) Nitrobenzene-d5	8.785	82	20870	0.258	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	50953	0.297	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	8845	0.365	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	71127	0.288	ng	0.00
27) Fluoranthene-d10	19.068	212	133558	0.405	ng	0.00
31) Terphenyl-d14	19.679	244	114025	0.432	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	45881	3.927	ng	# 68
20) 4,6-Dinitro-2-methylph...	15.423	198	8	0.267	ng	# 1
24) Pentachlorophenol	16.689	266	126	0.342	ng	91
34) Bis(2-ethylhexyl)phtha...	21.174	149	34636	0.156	ng	99

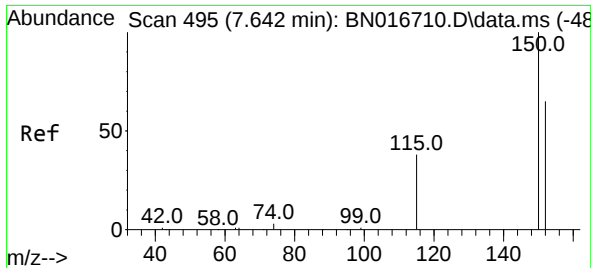
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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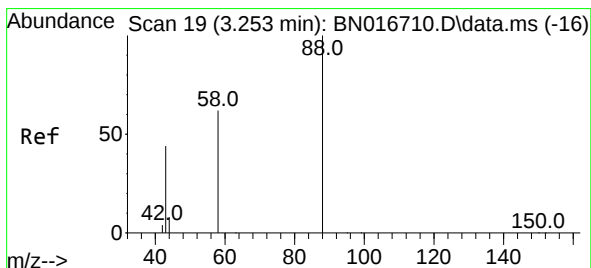
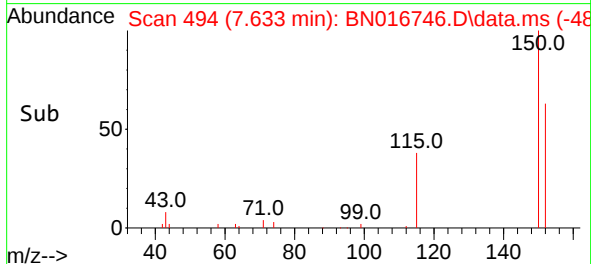
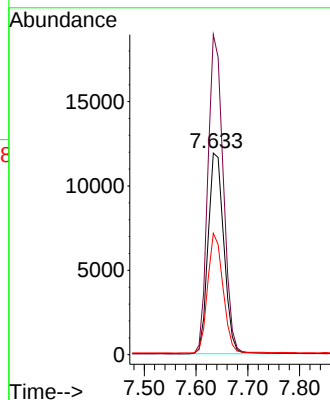
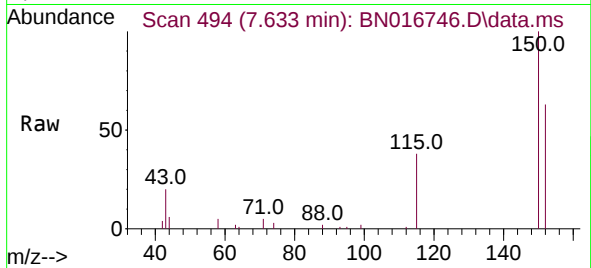




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 494
 Delta R.T. -0.009 min
 Lab File: BN016746.D
 Acq: 05 Oct 2021 14:28

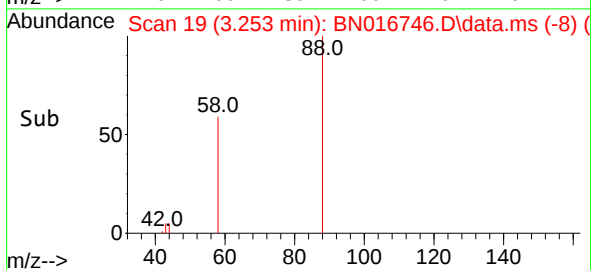
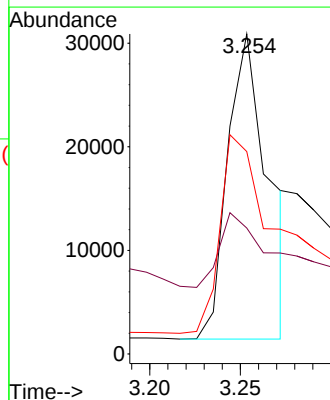
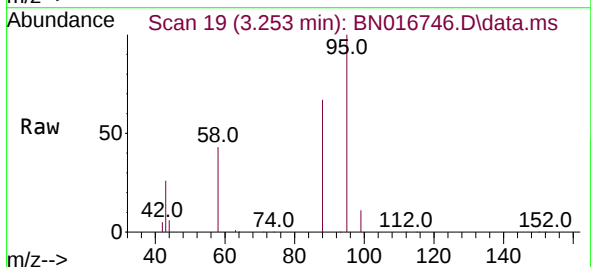
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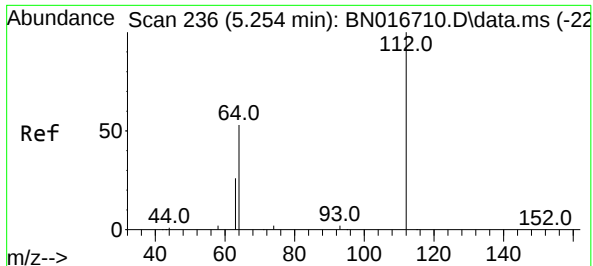
Tgt Ion: 152 Resp: 25033
 Ion Ratio Lower Upper
 152 100
 150 158.7 123.3 184.9
 115 60.3 47.0 70.6



#2
 1,4-Dioxane
 Concen: 3.927 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016746.D
 Acq: 05 Oct 2021 14:28

Tgt Ion: 88 Resp: 45881
 Ion Ratio Lower Upper
 88 100
 43 26.0 61.7 92.5#
 58 73.9 62.2 93.2

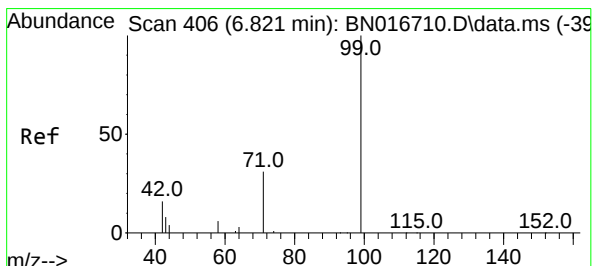
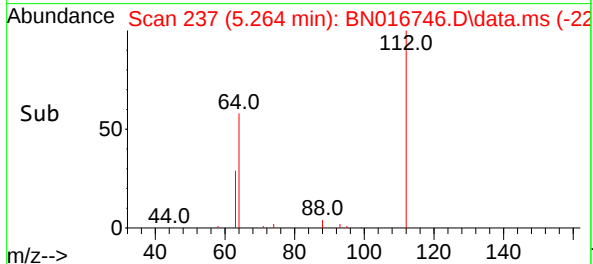
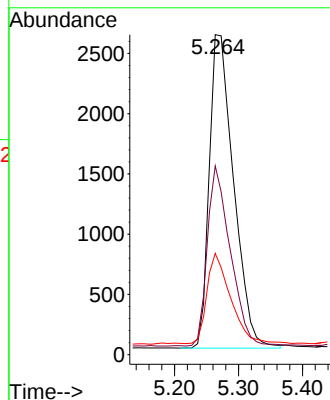
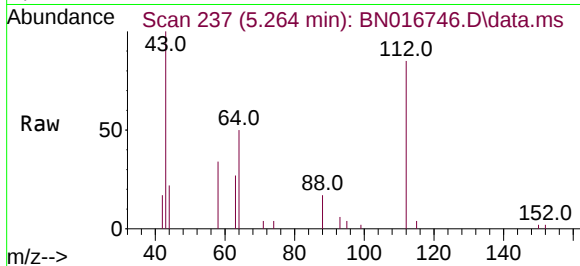




#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.010 min
Lab File: BN016746.D
Acq: 05 Oct 2021 14:28

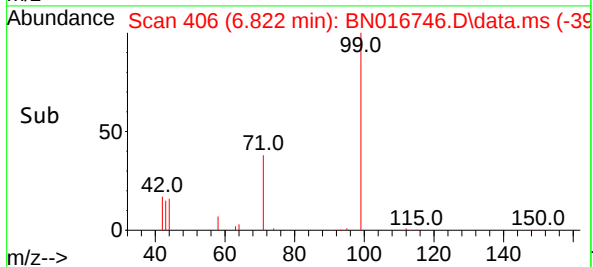
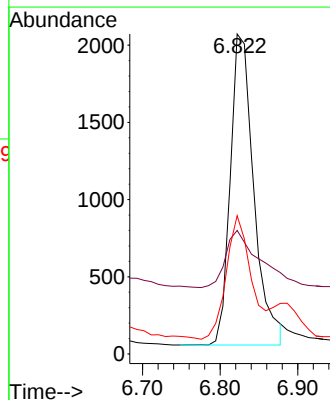
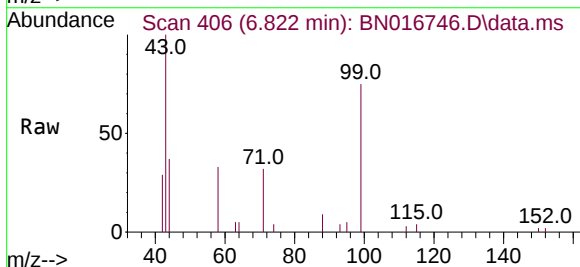
Instrument :
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ClientSampleId :
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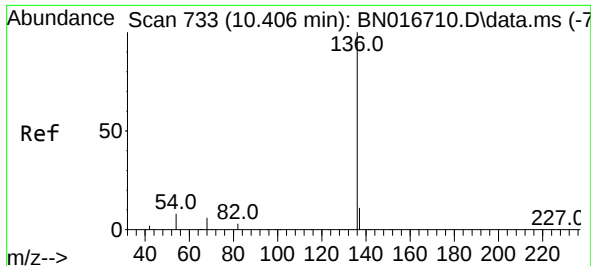
Tgt Ion:112 Resp: 6903
Ion Ratio Lower Upper
112 100
64 54.2 42.9 64.3
63 27.8 21.5 32.3



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016746.D
Acq: 05 Oct 2021 14:28

Tgt Ion: 99 Resp: 4245
Ion Ratio Lower Upper
99 100
42 25.4 13.4 20.2#
71 42.1 24.0 36.0#

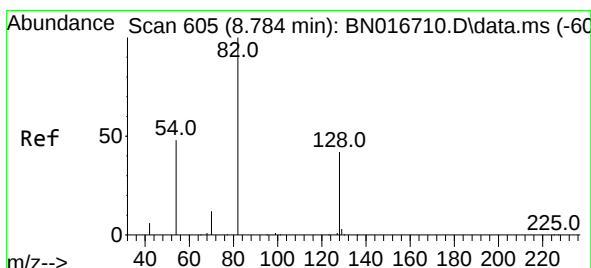
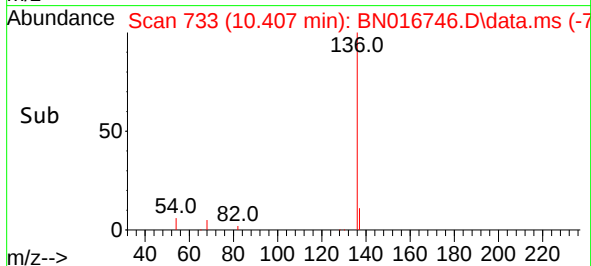
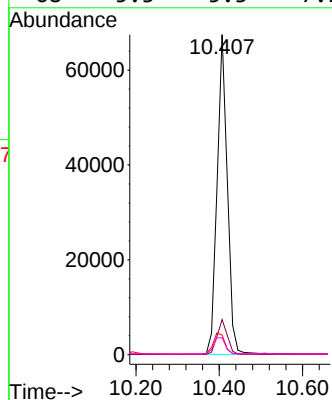
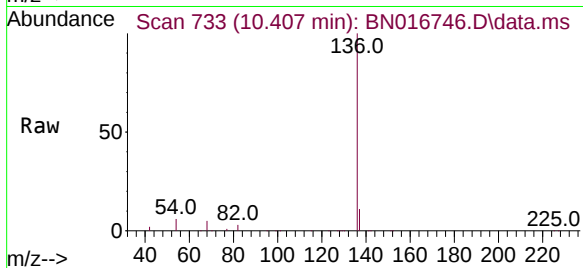




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.001 min
Lab File: BN016746.D
Acq: 05 Oct 2021 14:28

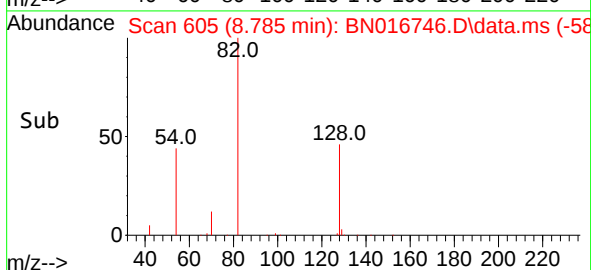
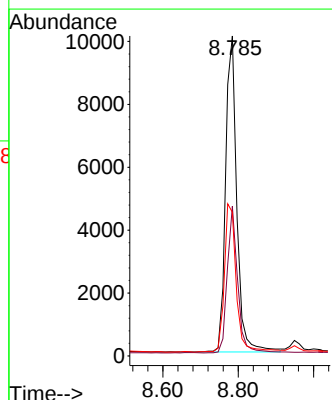
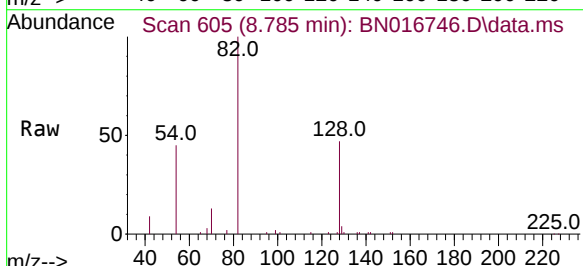
Instrument :
BNA_N
ClientSampleId :
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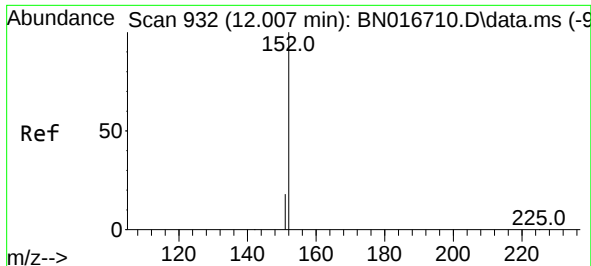
Tgt Ion:	136	Resp:	115196
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	6.2	6.5	9.7#
68	5.3	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.001 min
Lab File: BN016746.D
Acq: 05 Oct 2021 14:28

Tgt Ion:	82	Resp:	20870
Ion Ratio	Lower	Upper	
82	100		
128	46.8	33.8	50.6
54	44.9	38.5	57.7

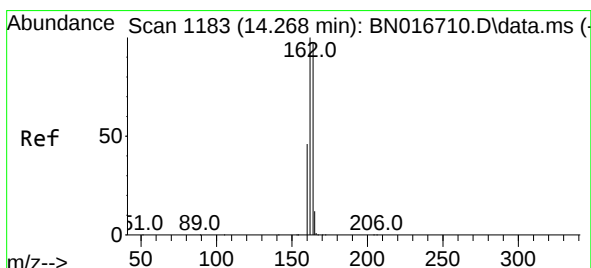
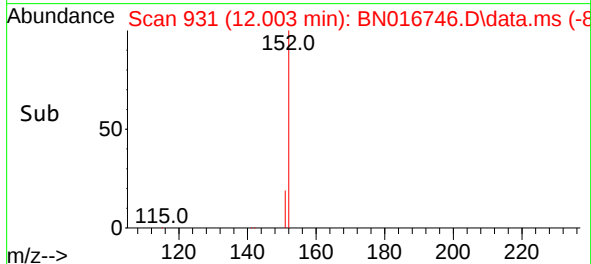
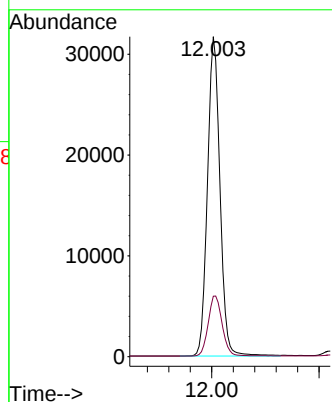
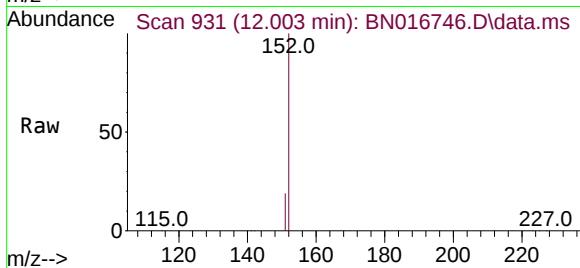




#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016746.D
Acq: 05 Oct 2021 14:28

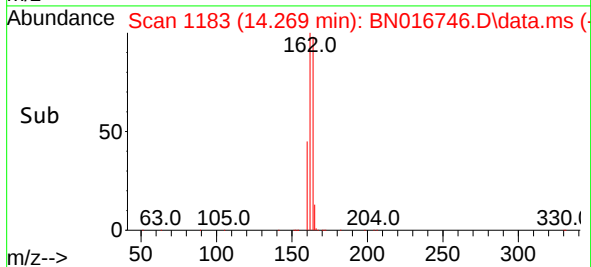
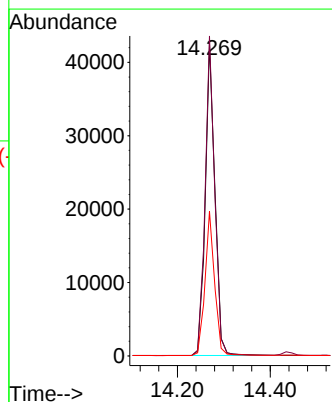
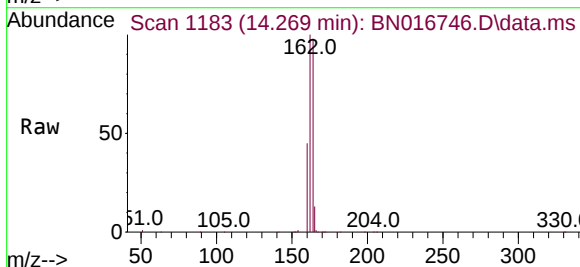
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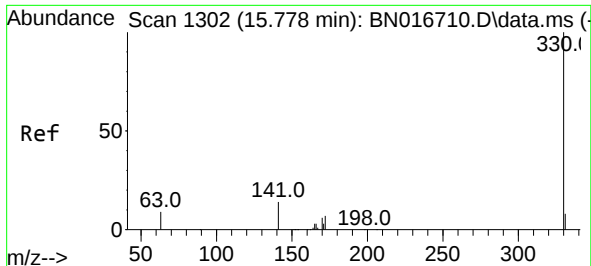
Tgt Ion:152 Resp: 50953
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BN016746.D
Acq: 05 Oct 2021 14:28

Tgt Ion:164 Resp: 61808
Ion Ratio Lower Upper
164 100
162 102.5 82.6 124.0
160 46.3 38.2 57.2

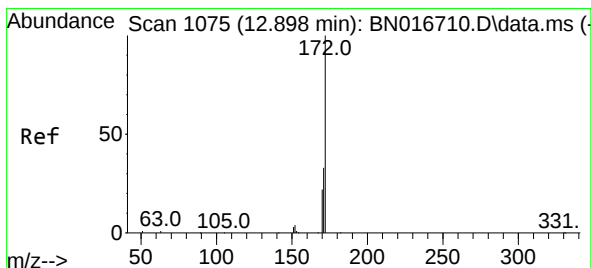
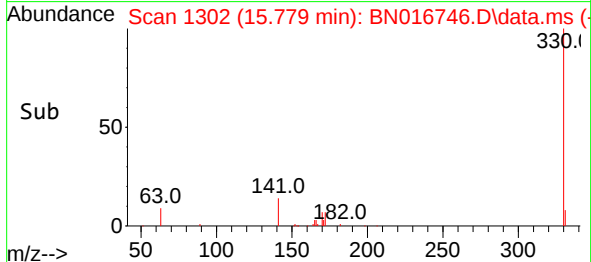
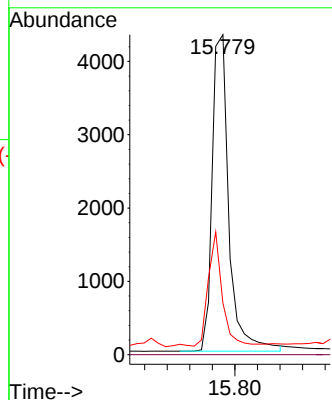
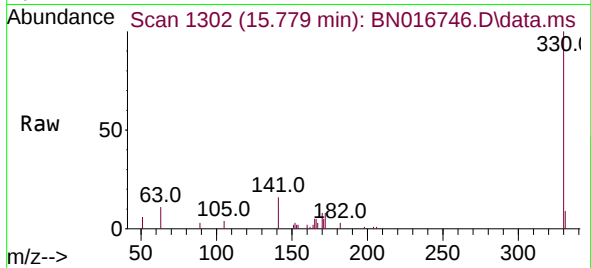




#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.001 min
Lab File: BN016746.D
Acq: 05 Oct 2021 14:28

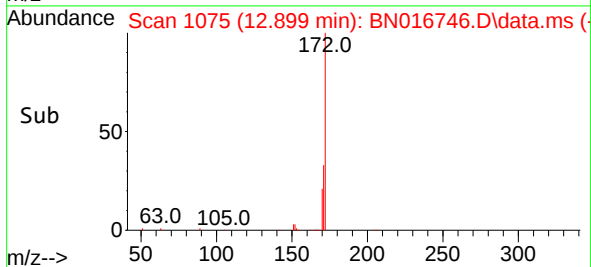
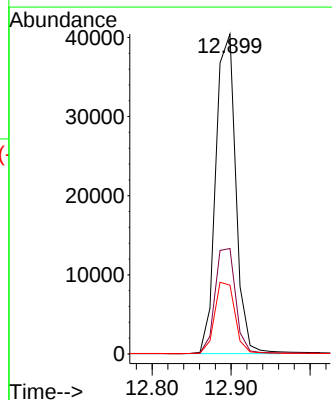
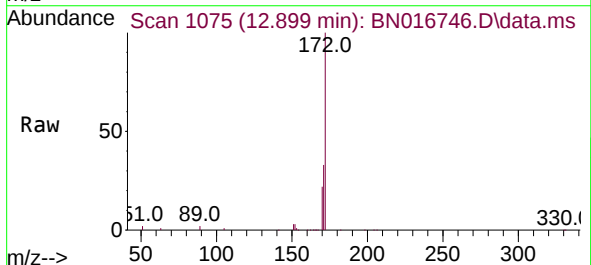
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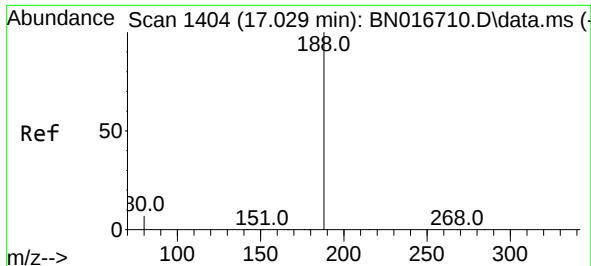
Tgt Ion:330 Resp: 8845
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.5 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.001 min
Lab File: BN016746.D
Acq: 05 Oct 2021 14:28

Tgt Ion:172 Resp: 71127
Ion Ratio Lower Upper
172 100
171 33.0 26.9 40.3
170 21.5 17.4 26.0

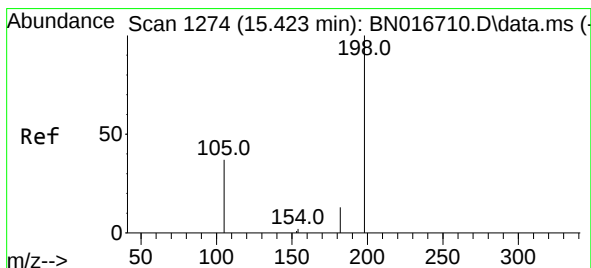
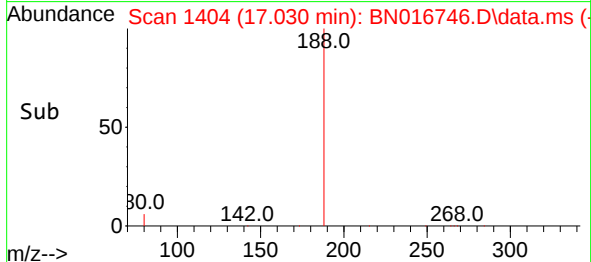
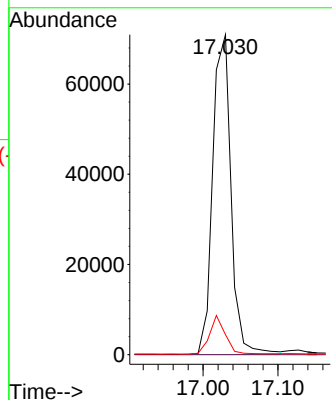
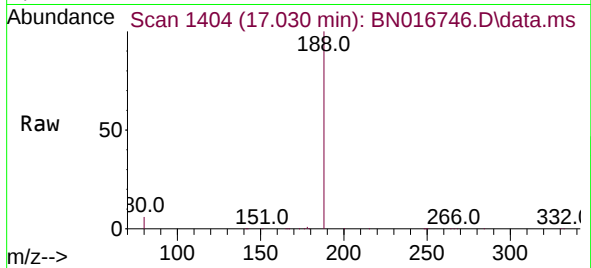




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016746.D
Acq: 05 Oct 2021 14:28

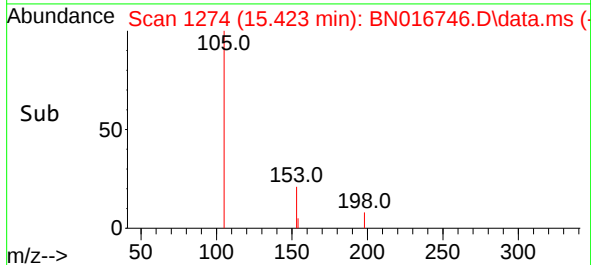
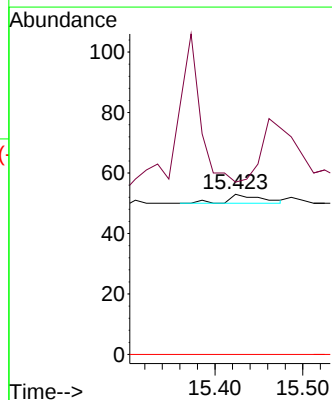
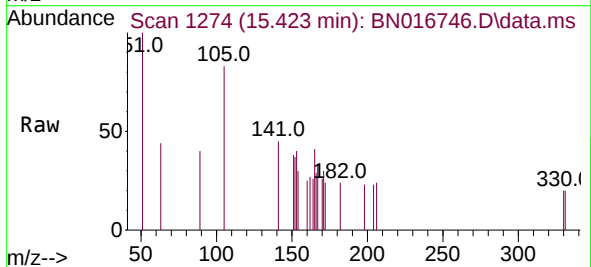
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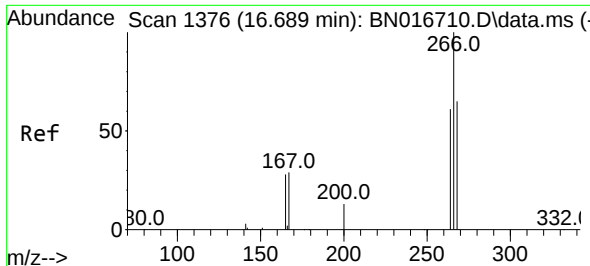
Tgt Ion:188 Resp: 120423
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 5.8 8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN016746.D
Acq: 05 Oct 2021 14:28

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 107.5 26.2 39.2#
77 0.0 0.0 0.0

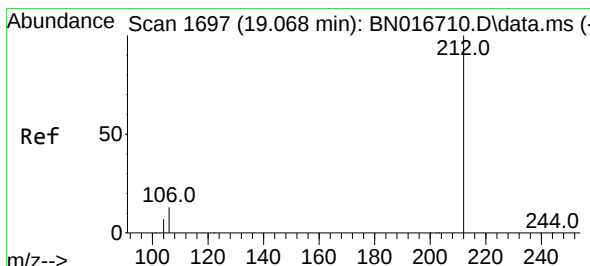
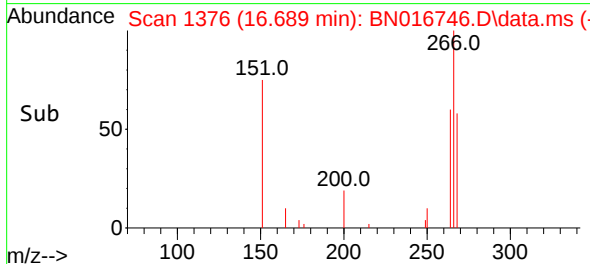
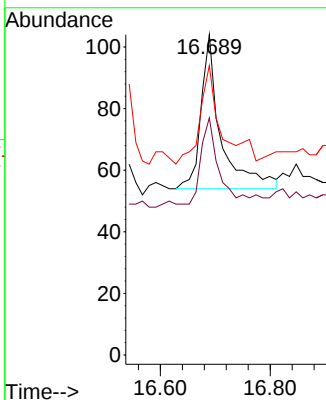
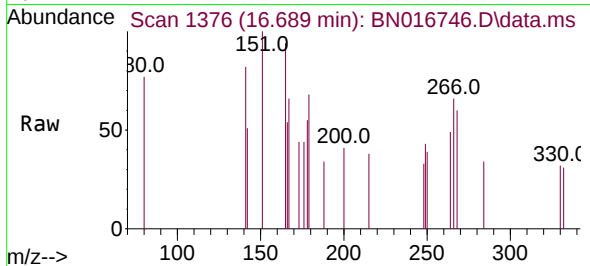




#24
 Pentachlorophenol
 Concen: 0.342 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. 0.000 min
 Lab File: BN016746.D
 Acq: 05 Oct 2021 14:28

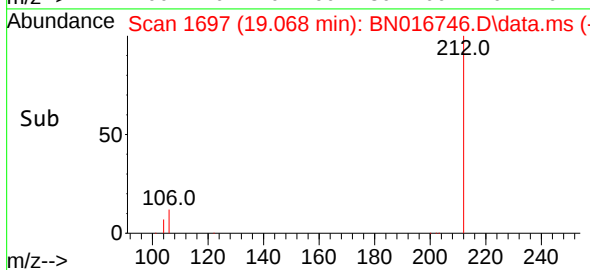
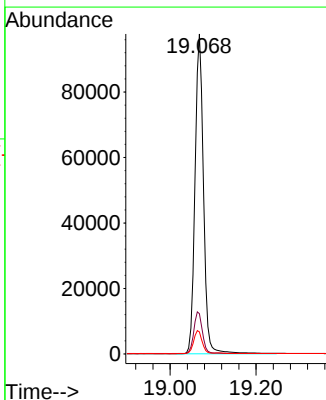
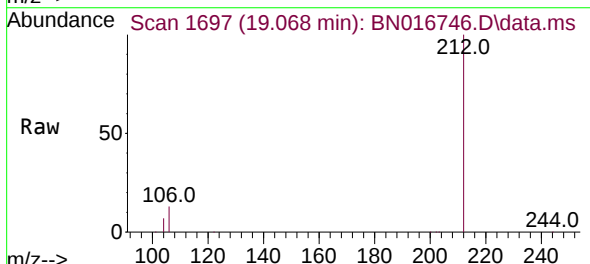
Instrument :
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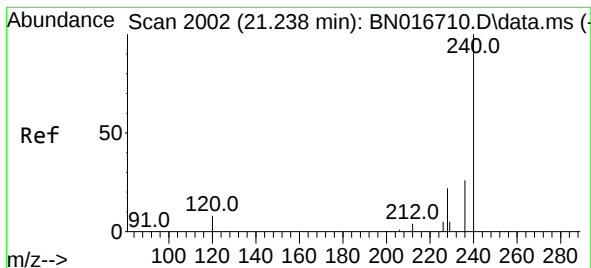
Tgt Ion:266	Resp:	126
Ion Ratio	Lower	Upper
266	100	
264	52.4	49.3 73.9
268	69.8	51.8 77.8



#27
 Fluoranthene-d10
 Concen: 0.405 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. 0.001 min
 Lab File: BN016746.D
 Acq: 05 Oct 2021 14:28

Tgt Ion:212	Resp:	133558
Ion Ratio	Lower	Upper
212	100	
106	13.3	10.6 16.0
104	7.1	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: BN016746.D

Acq: 05 Oct 2021 14:28

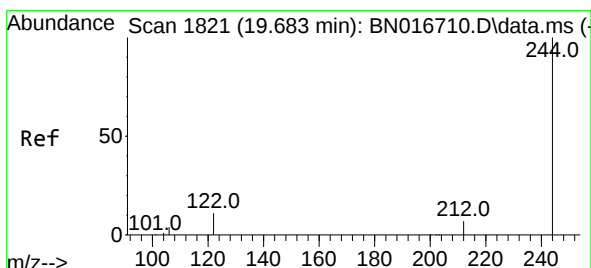
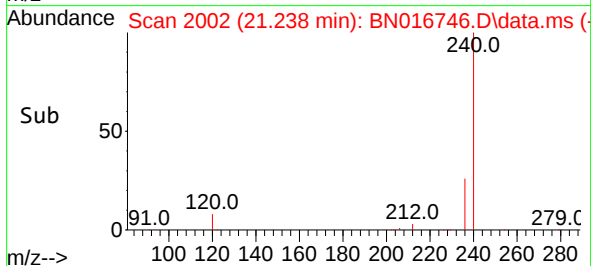
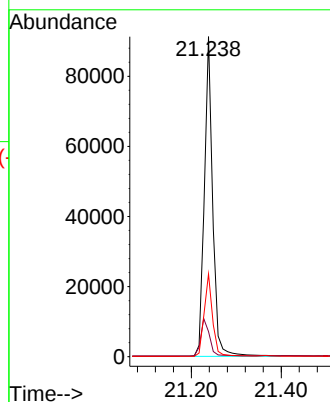
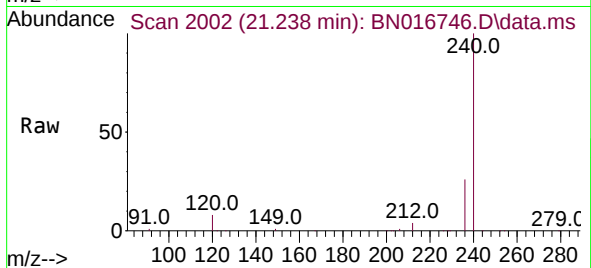
Tgt Ion:240 Resp: 118052

Ion Ratio Lower Upper

240 100

120 7.9 6.6 10.0

236 25.8 20.7 31.1



#31

Terphenyl-d14

Concen: 0.432 ng

RT: 19.679 min Scan# 1820

Delta R.T. -0.004 min

Lab File: BN016746.D

Acq: 05 Oct 2021 14:28

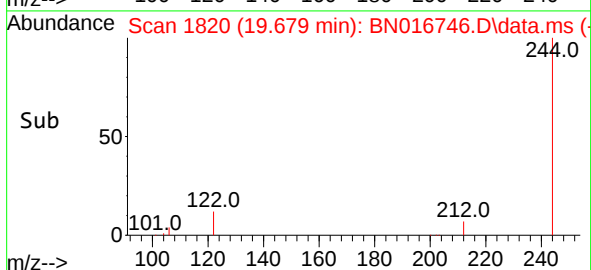
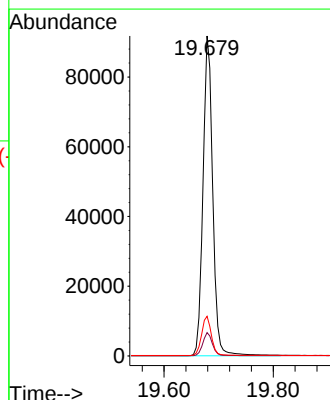
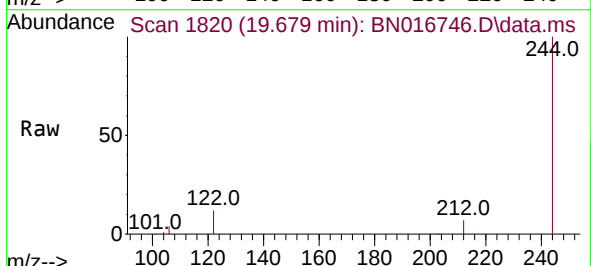
Tgt Ion:244 Resp: 114025

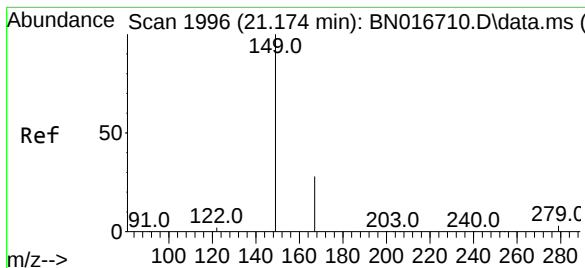
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 12.4 8.9 13.3

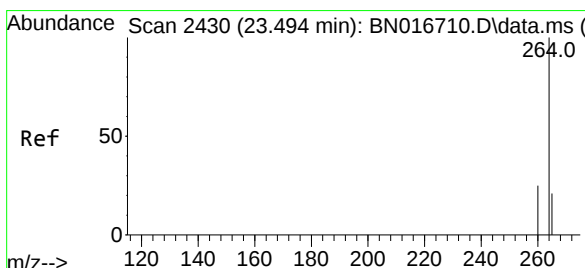
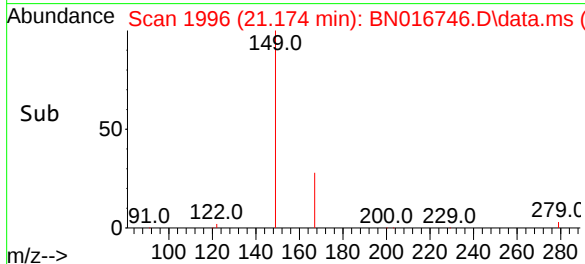
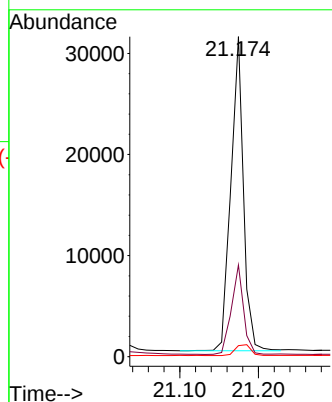
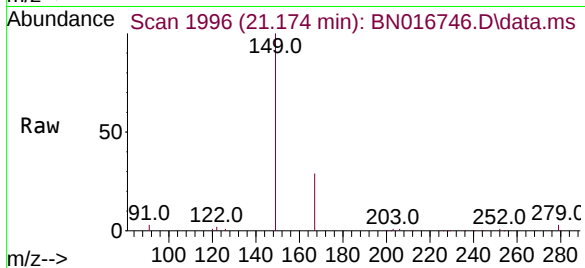




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.156 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016746.D
Acq: 05 Oct 2021 14:28

Instrument :
BNA_N
ClientSampleId :
RE105D2-20210917

Tgt Ion:149 Resp: 34636
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 4.3 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: BN016746.D
Acq: 05 Oct 2021 14:28

Tgt Ion:264 Resp: 120086
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 23.1 20.3 30.5

