

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016788.D
 Acq On : 06 Oct 2021 20:29
 Operator : CG/JU
 Sample : M3915-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20210921

Quant Time: Oct 07 00:59:14 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)

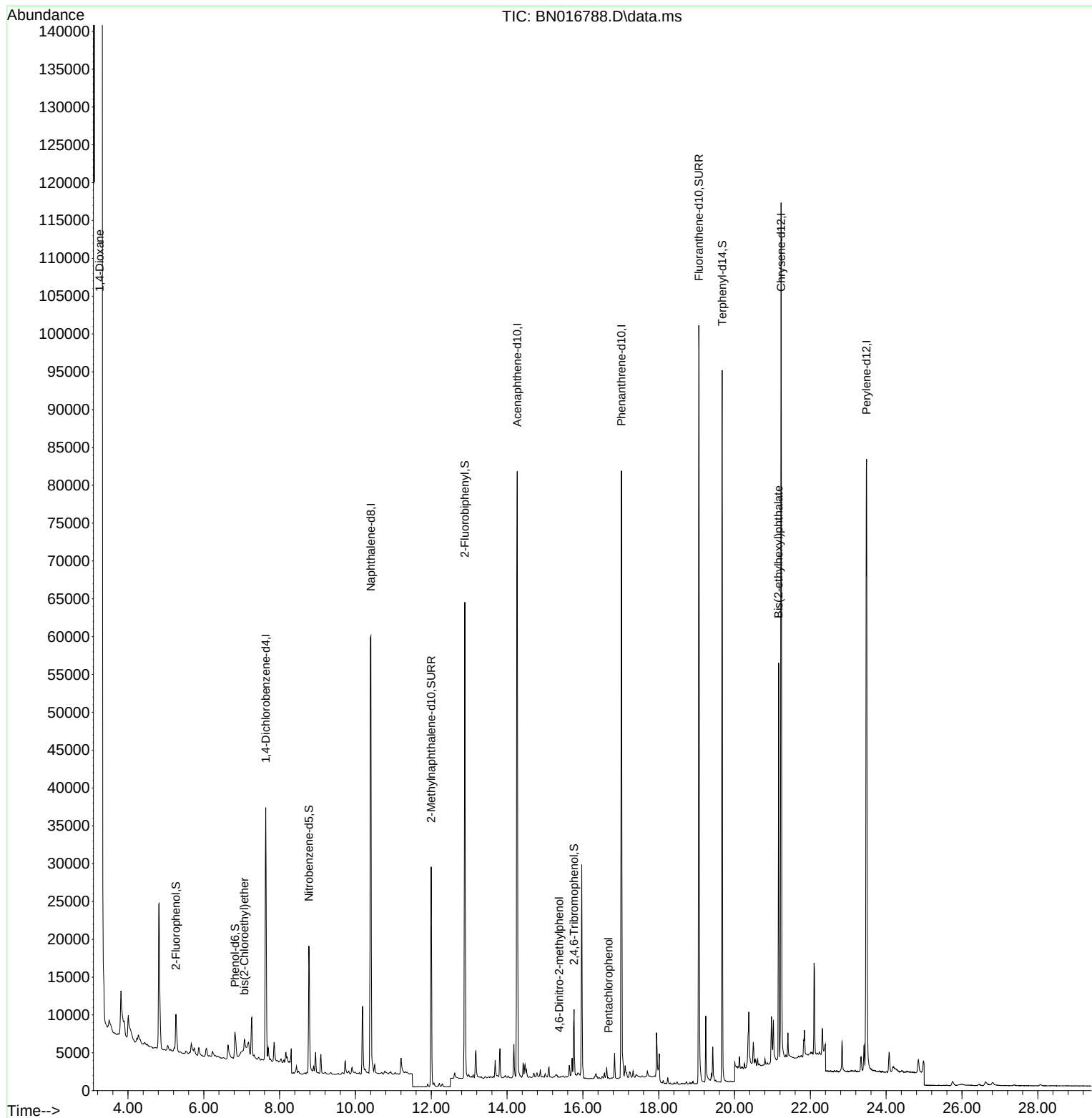
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	19479	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	90283	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	51113	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	101532	0.400	ng	0.00
29) Chrysene-d12	21.227	240	104010	0.400	ng	0.00
35) Perylene-d12	23.481	264	110669	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	6195	0.125	ng	0.02
5) Phenol-d6	6.822	99	3812	0.069	ng	0.00
8) Nitrobenzene-d5	8.772	82	15935	0.252	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	39870	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	7973	0.388	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	51840	0.254	ng	0.00
27) Fluoranthene-d10	19.058	212	115876	0.417	ng	0.00
31) Terphenyl-d14	19.674	244	92658	0.398	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	19017	2.092	ng	# 70
6) bis(2-Chloroethyl)ether	7.071	93	1287	0.024	ng	98
20) 4,6-Dinitro-2-methylph...	15.373	198	9	0.267	ng	# 1
24) Pentachlorophenol	16.677	266	37	0.340	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.164	149	42077	0.215	ng	100

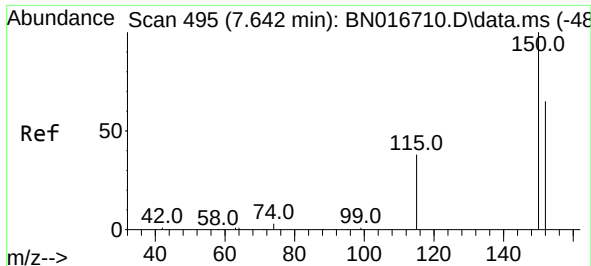
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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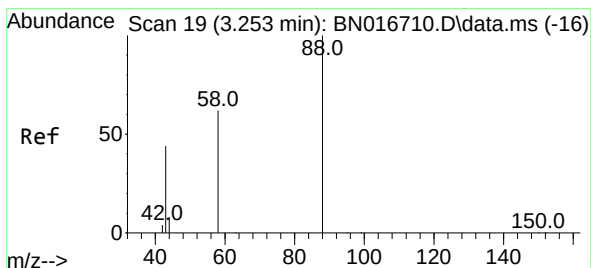
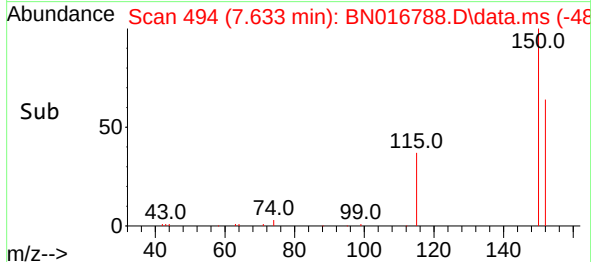
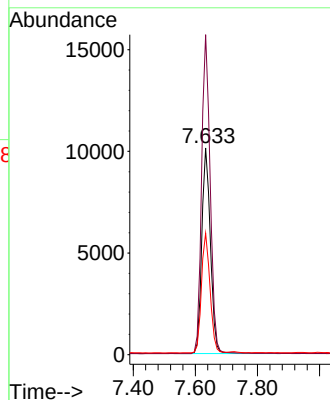
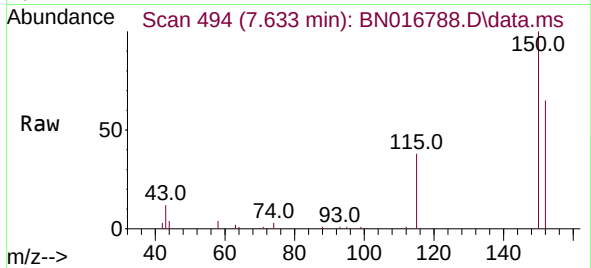




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: BN016788.D
 Acq: 06 Oct 2021 20:29

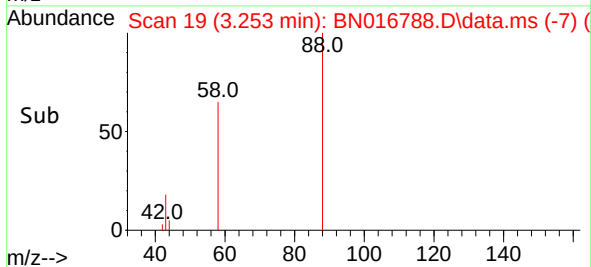
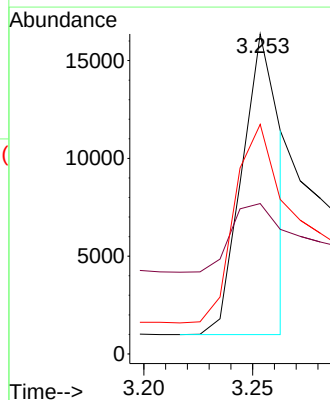
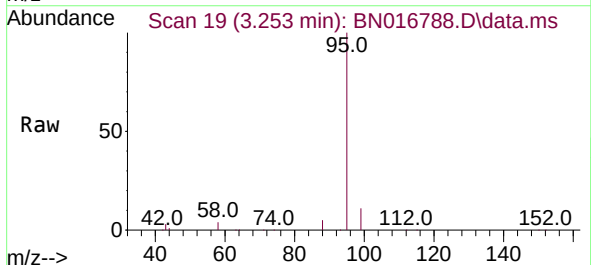
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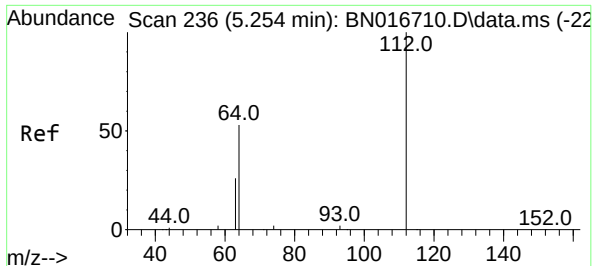
Tgt Ion:152 Resp: 19479
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.3 184.9
 115 58.7 47.0 70.6



#2
 1,4-Dioxane
 Concen: 2.092 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.009 min
 Lab File: BN016788.D
 Acq: 06 Oct 2021 20:29

Tgt Ion: 88 Resp: 19017
 Ion Ratio Lower Upper
 88 100
 43 28.0 61.7 92.5#
 58 75.0 62.2 93.2

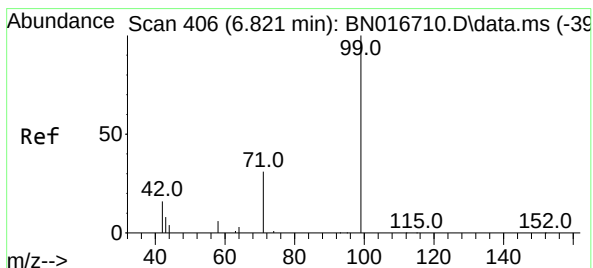
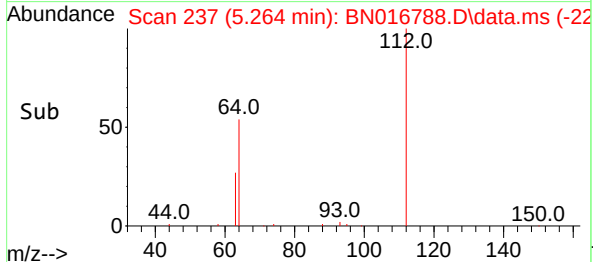
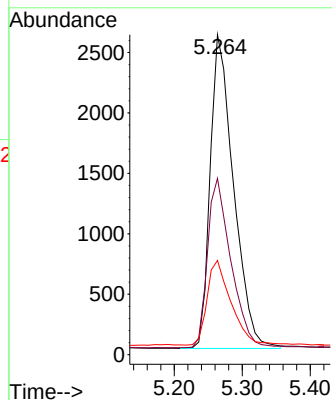
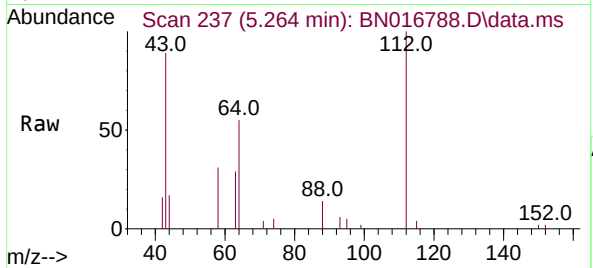




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

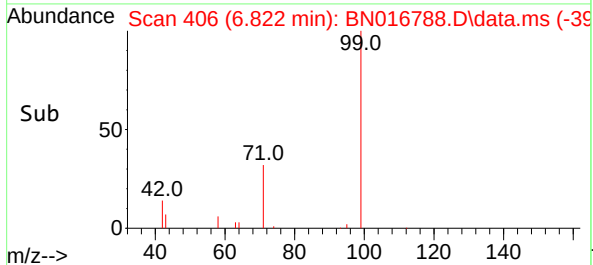
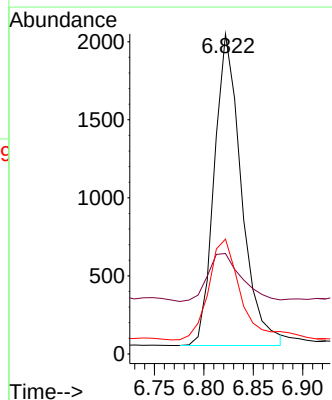
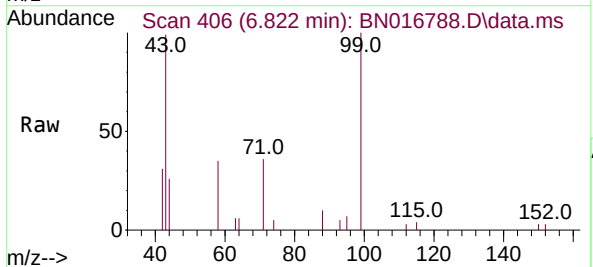
Instrument :
BNA_N
ClientSampleId :
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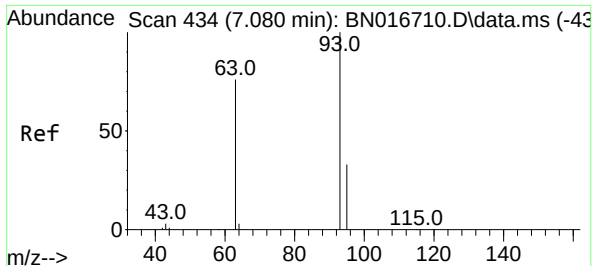
Tgt Ion:	112	Resp:	6195
Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.9	64.3
63	27.6	21.5	32.3



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:	99	Resp:	3812
Ion	Ratio	Lower	Upper
99	100		
42	19.2	13.4	20.2
71	36.7	24.0	36.0

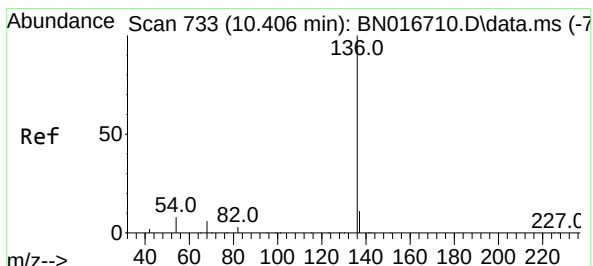
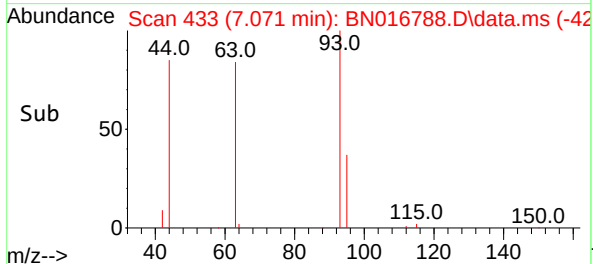
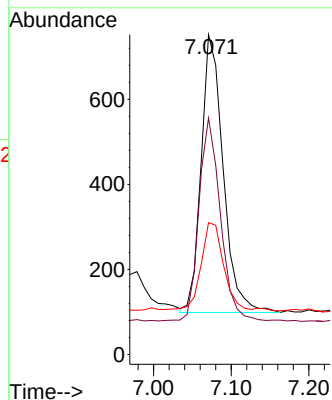
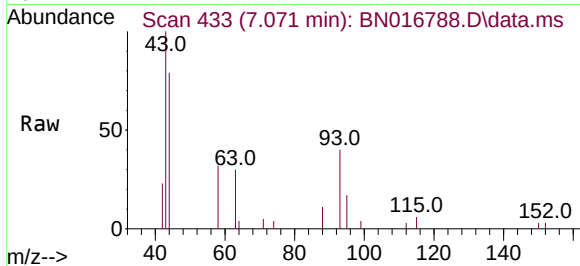




#6
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 7.071 min Scan# 433
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

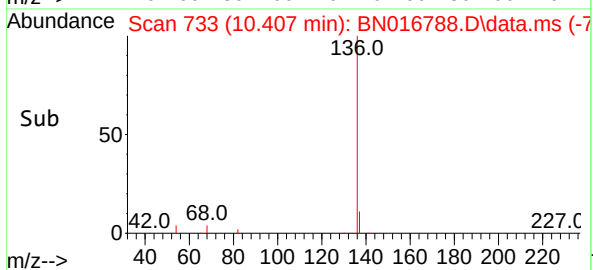
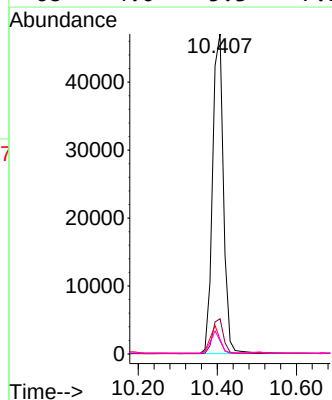
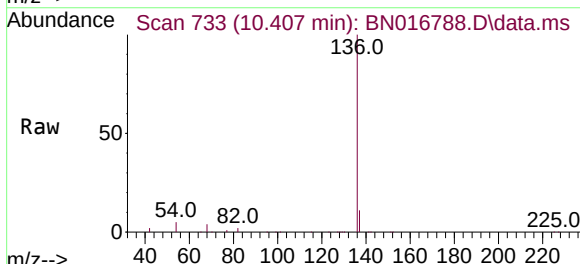
Instrument :
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ClientSampleId :
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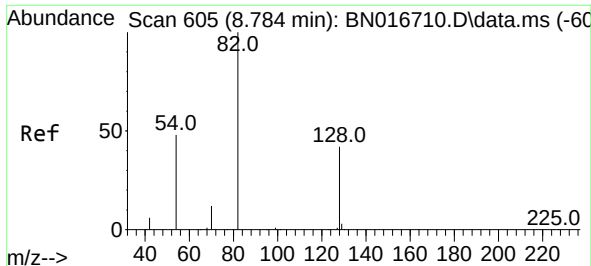
Tgt Ion:	93	Resp:	1287
Ion	Ratio	Lower	Upper
93	100		
63	71.1	59.0	88.6
95	33.3	26.4	39.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:	136	Resp:	90283
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	4.5	6.5	9.7#
68	4.0	5.3	7.9#

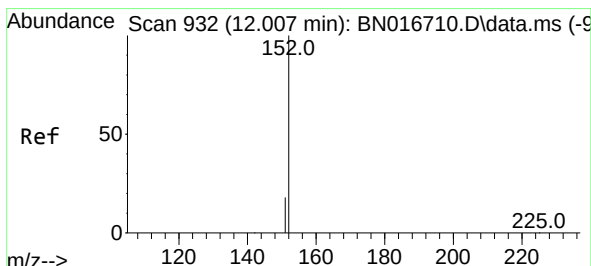
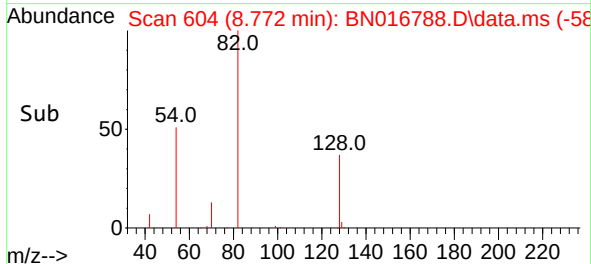
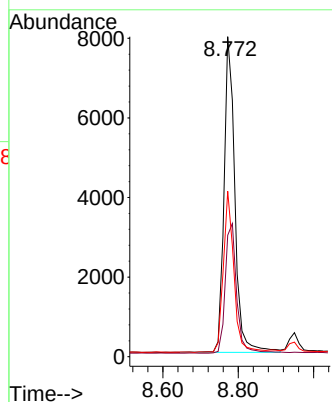
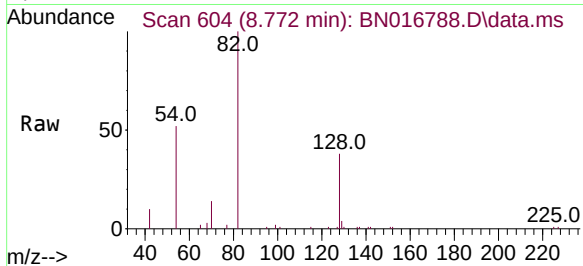




#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

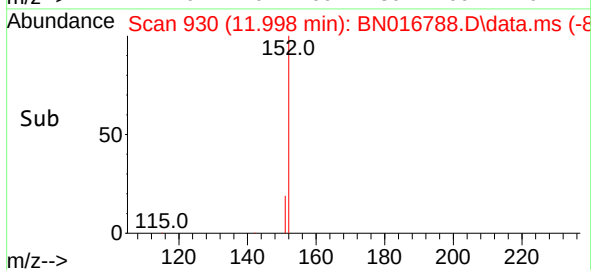
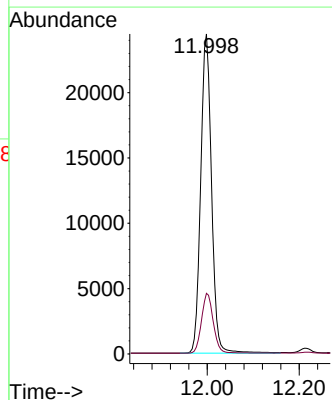
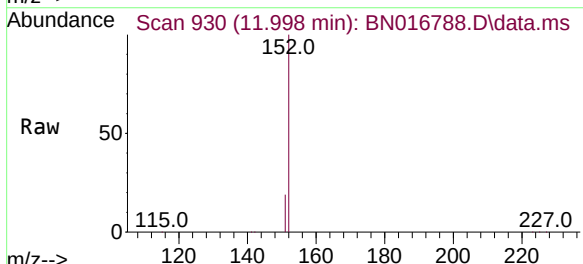
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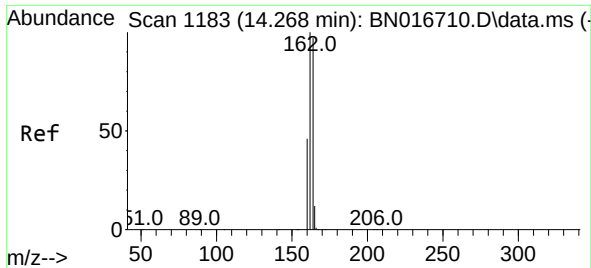
Tgt Ion:	82	Resp:	15935
Ion Ratio	Lower	Upper	
82	100		
128	38.0	33.8	50.6
54	51.7	38.5	57.7



#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 11.998 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:	152	Resp:	39870
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4

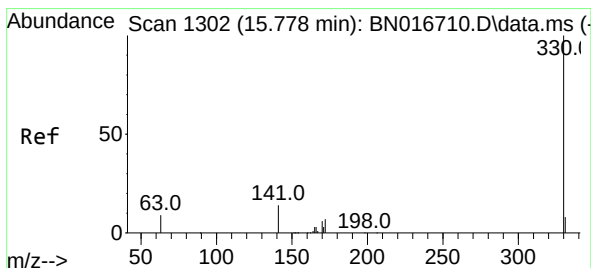
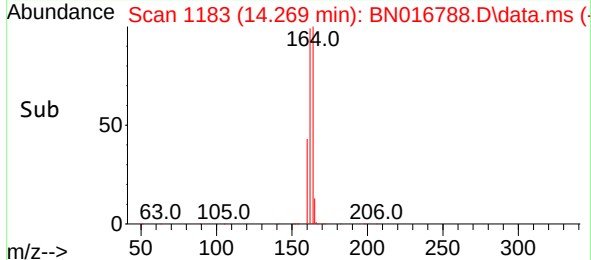
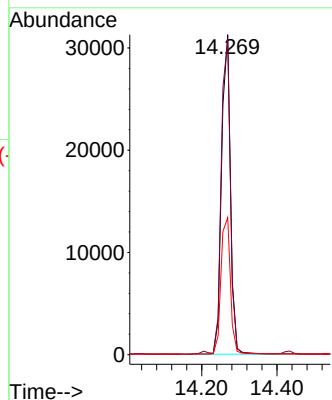
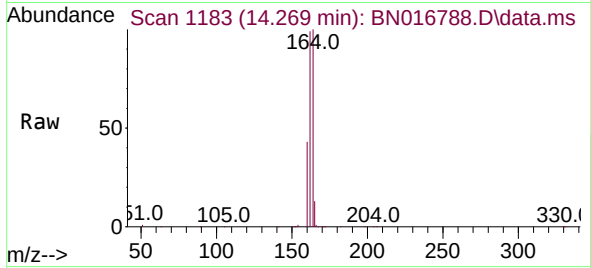




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

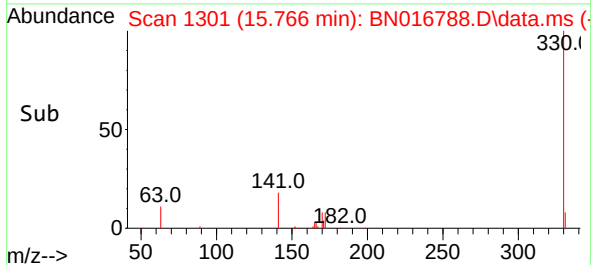
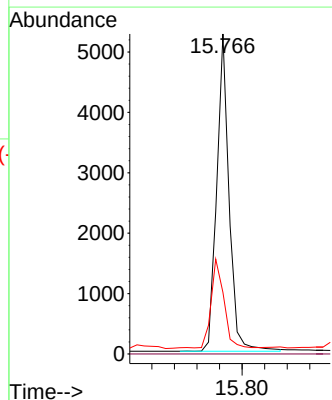
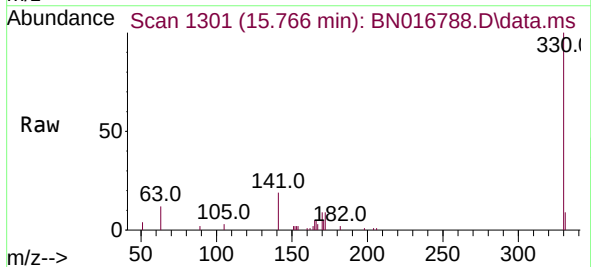
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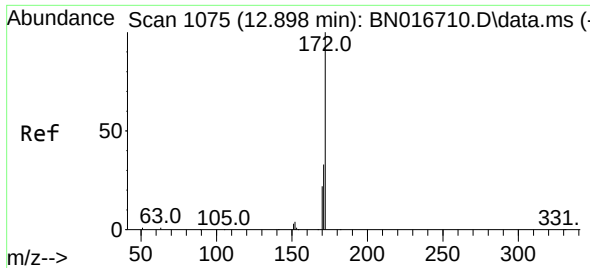
Tgt Ion:164 Resp: 51113
Ion Ratio Lower Upper
164 100
162 98.5 82.6 124.0
160 42.9 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:330 Resp: 7973
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.4 24.2 36.2

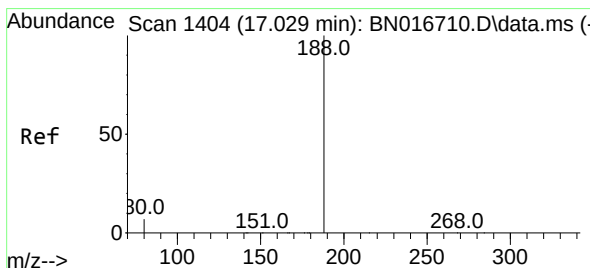
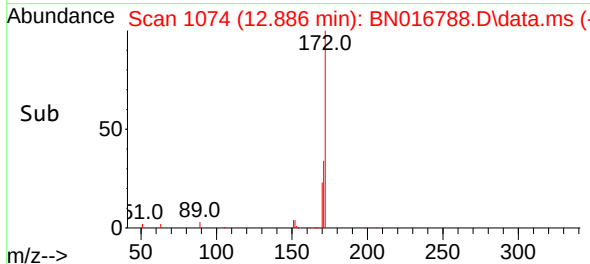
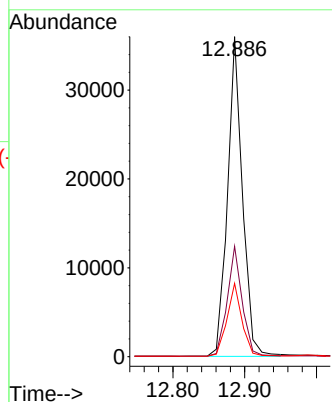
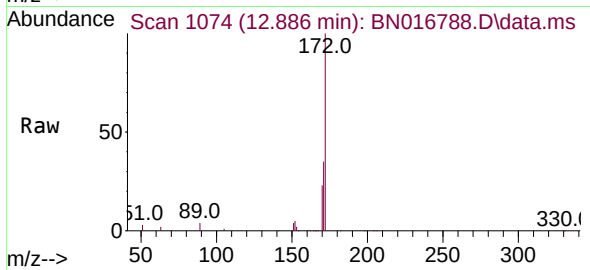




#15
2-Fluorobiphenyl
Concen: 0.254 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

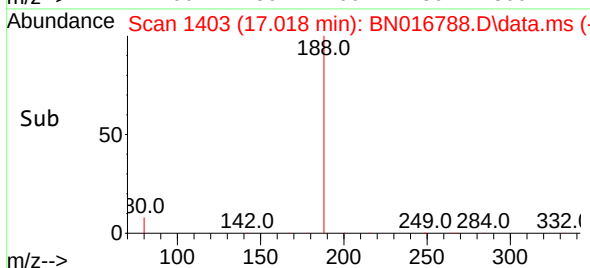
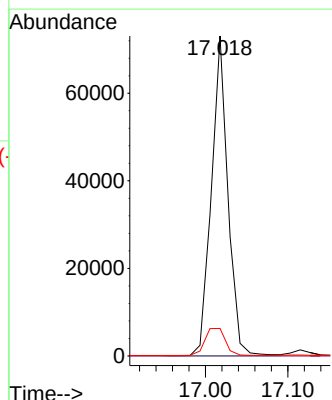
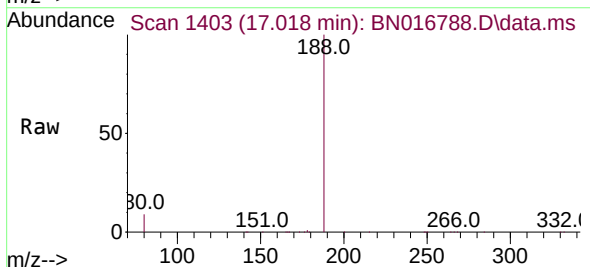
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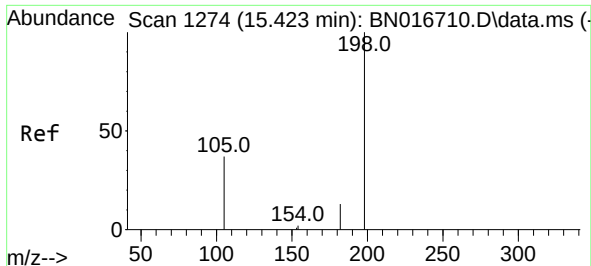
Tgt Ion:	172	Resp:	51840
Ion Ratio	Lower	Upper	
172	100		
171	34.5	26.9	40.3
170	22.9	17.4	26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:	188	Resp:	101532
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.6	5.8	8.8

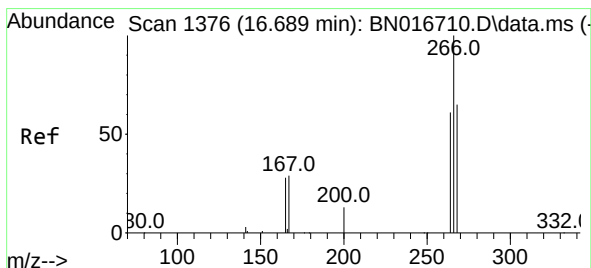
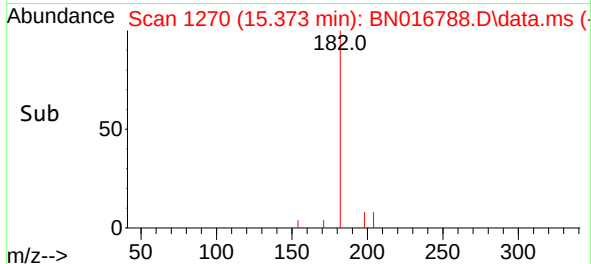
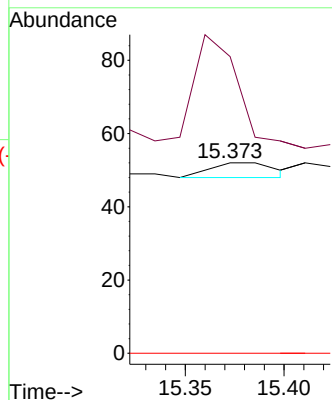
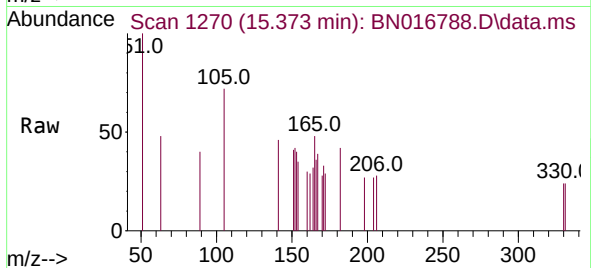




#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.373 min Scan# 1270
Delta R.T. -0.038 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

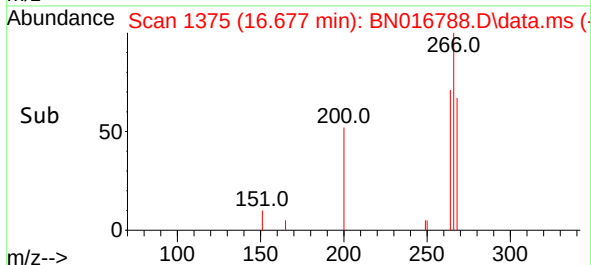
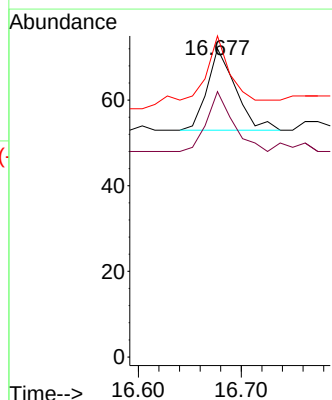
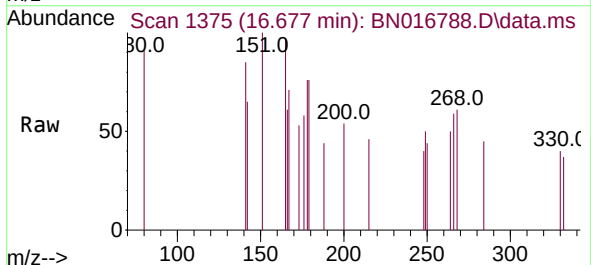
Instrument :
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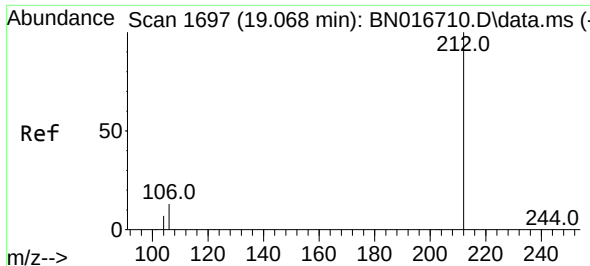
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
182 155.8 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.340 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:266 Resp: 37
Ion Ratio Lower Upper
266 100
264 67.6 49.3 73.9
268 97.3 51.8 77.8#

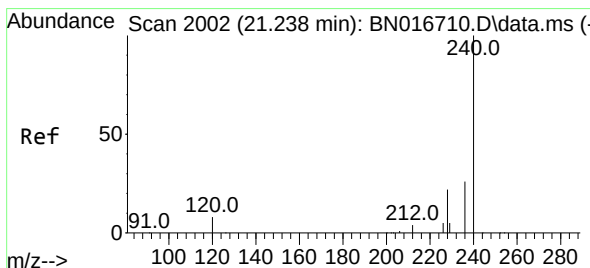
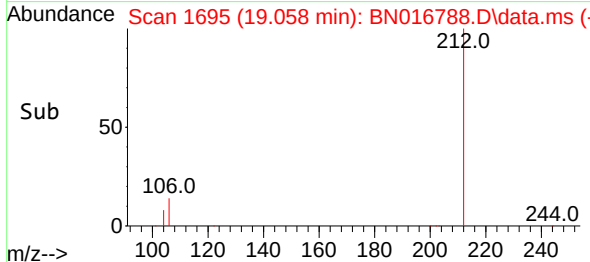
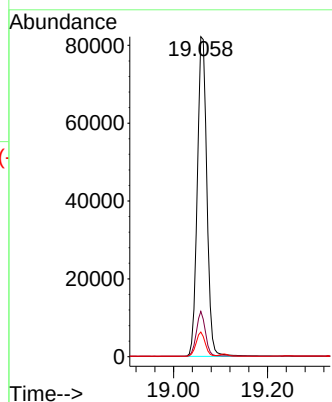
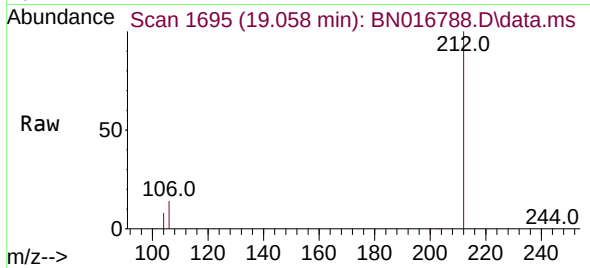




#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

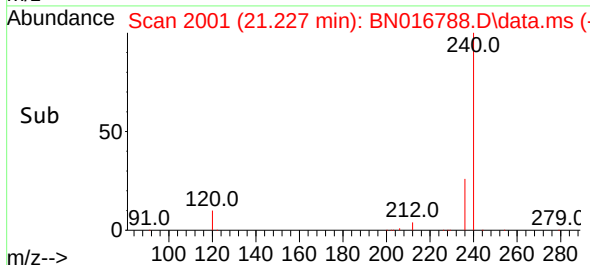
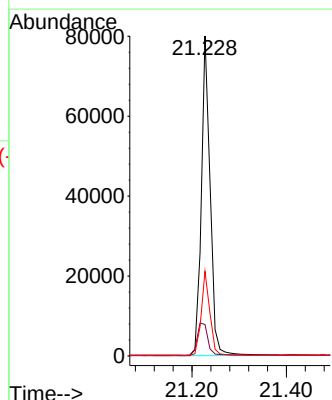
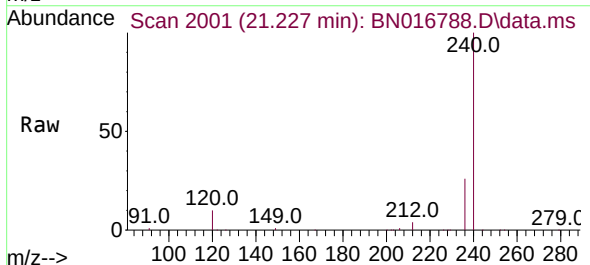
Instrument :
BNA_N
ClientSampleId :
TT101D2-20210921

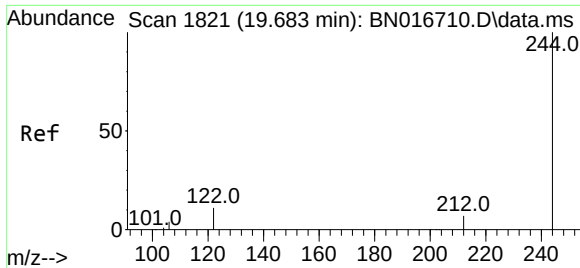
Tgt Ion:212 Resp: 115876
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.2 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016788.D
Acq: 06 Oct 2021 20:29

Tgt Ion:240 Resp: 104010
Ion Ratio Lower Upper
240 100
120 9.9 6.6 10.0
236 26.4 20.7 31.1

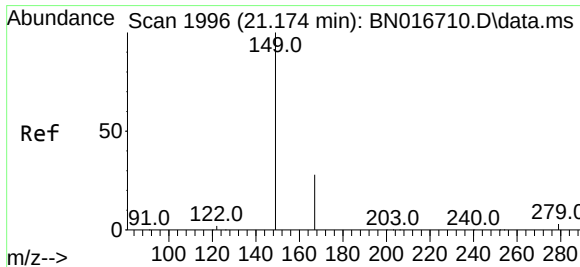
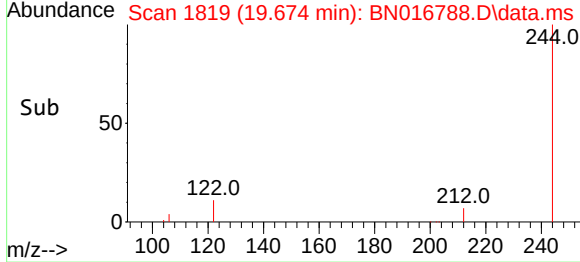
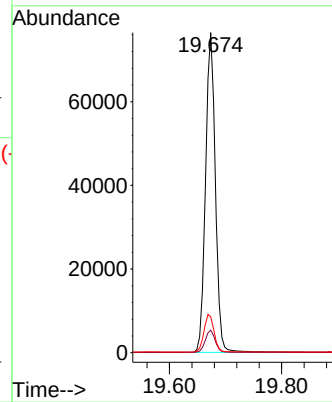
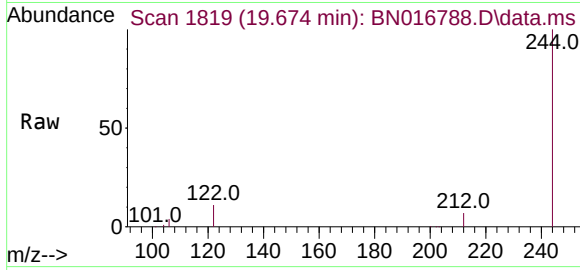




#31
 Terphenyl-d14
 Concen: 0.398 ng
 RT: 19.674 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: BN016788.D
 Acq: 06 Oct 2021 20:29

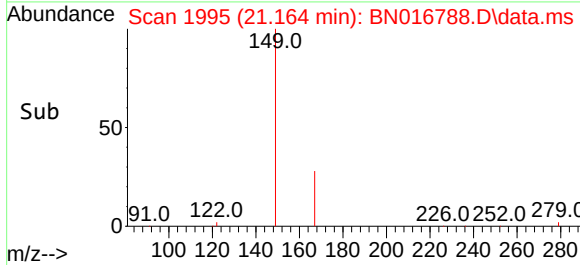
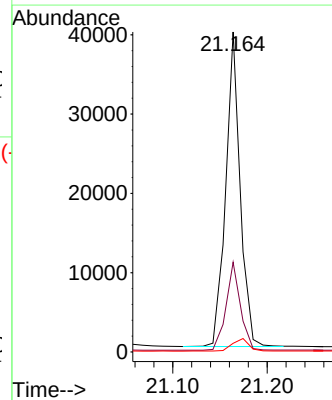
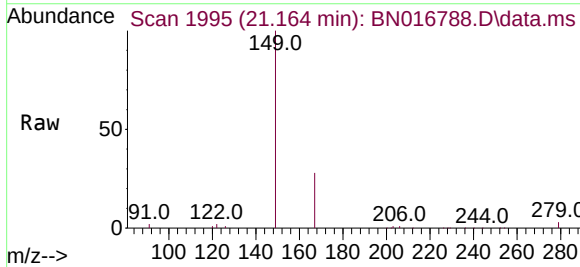
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20210921

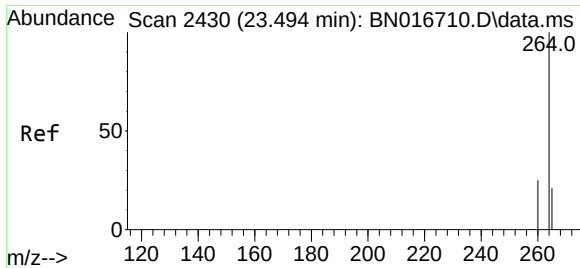
Tgt Ion:244	Resp:	92658
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.8 8.6
122	11.2	8.9 13.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.215 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. 0.000 min
 Lab File: BN016788.D
 Acq: 06 Oct 2021 20:29

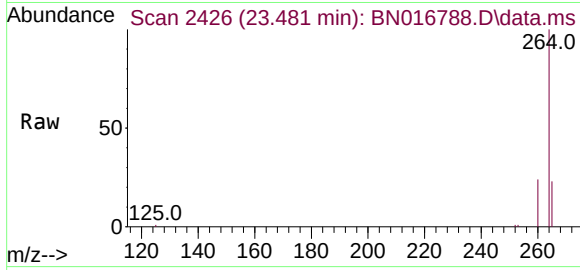
Tgt Ion:149	Resp:	42077
Ion Ratio	Lower	Upper
149	100	
167	27.9	22.2 33.4
279	4.5	3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. 0.000 min
 Lab File: BN016788.D
 Acq: 06 Oct 2021 20:29

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20210921



Tgt Ion:264 Resp: 110669

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	23.1	20.3	30.5

