

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016734.D
 Acq On : 05 Oct 2021 07:01
 Operator : CG/JU
 Sample : M3915-01DL 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210921DL

Quant Time: Oct 05 07:35:53 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)

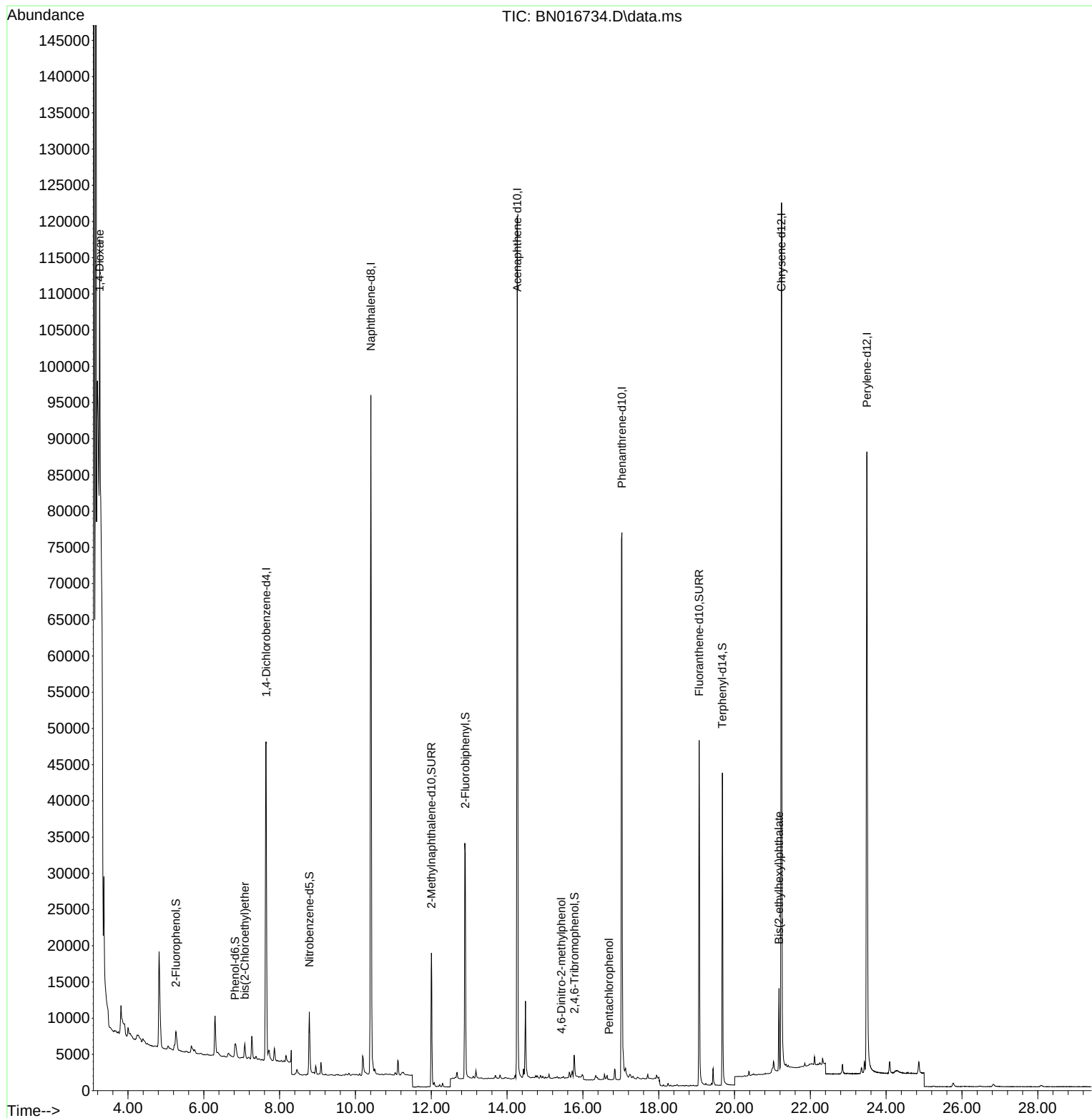
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28602	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	128317	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	67440	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	125234	0.400	ng	0.00
29) Chrysene-d12	21.238	240	118188	0.400	ng	0.00
35) Perylene-d12	23.491	264	119940	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	3804	0.052	ng	0.00
5) Phenol-d6	6.822	99	2240	0.028	ng	0.00
8) Nitrobenzene-d5	8.784	82	8714	0.097	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	26273	0.137	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	3460	0.206	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	33832	0.125	ng	0.00
27) Fluoranthene-d10	19.068	212	58681	0.171	ng	0.00
31) Terphenyl-d14	19.678	244	46269	0.175	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	29571	2.215	ng	# 69
6) bis(2-Chloroethyl)ether	7.080	93	1786	0.023	ng	96
20) 4,6-Dinitro-2-methylph...	15.436	198	7	0.266	ng	# 1
24) Pentachlorophenol	16.689	266	47	0.340	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.174	149	10931	0.049	ng	99

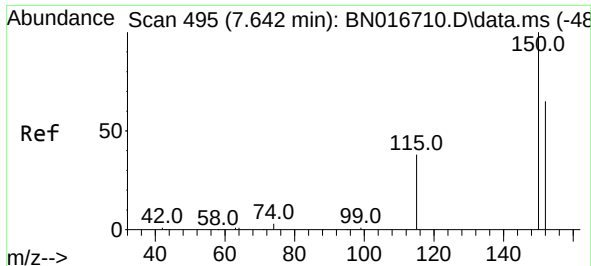
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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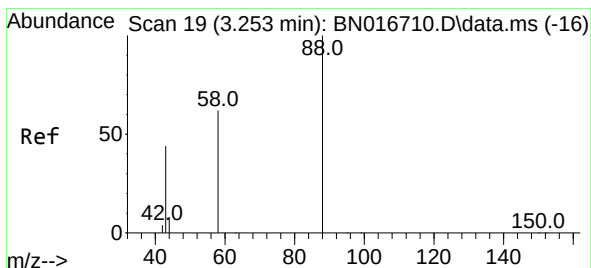
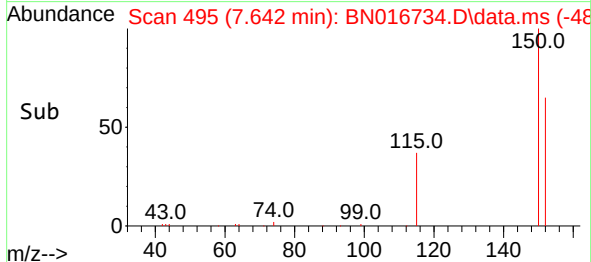
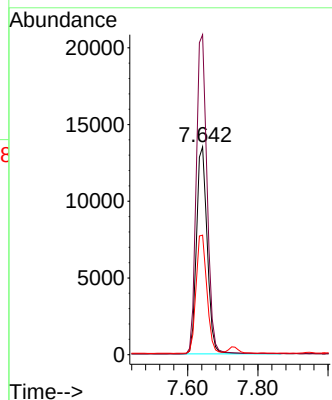
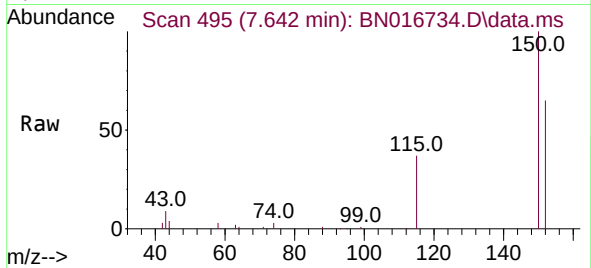




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

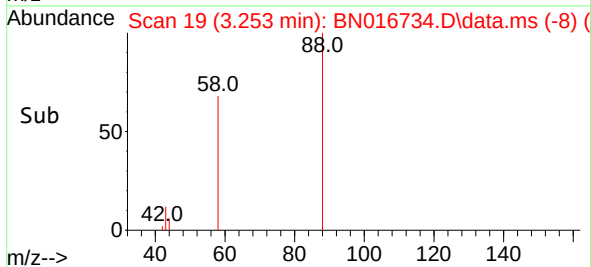
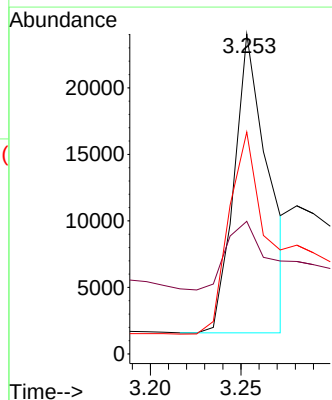
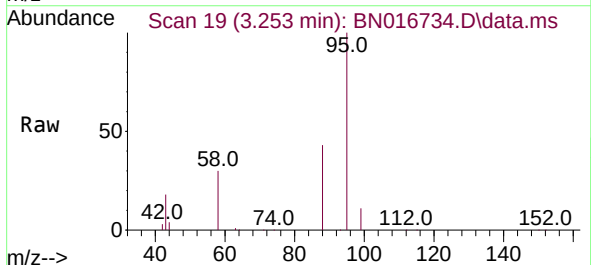
Instrument :
BNA_N
ClientSampleId :
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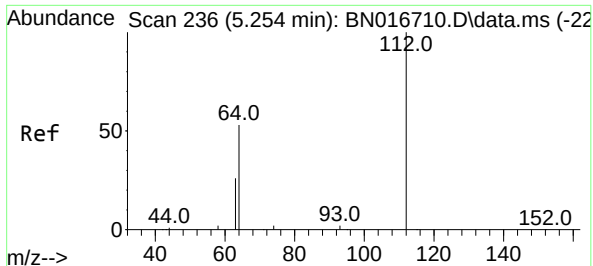
Tgt Ion:152 Resp: 28602
Ion Ratio Lower Upper
152 100
150 154.0 123.3 184.9
115 57.5 47.0 70.6



#2
1,4-Dioxane
Concen: 2.215 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

Tgt Ion: 88 Resp: 29571
Ion Ratio Lower Upper
88 100
43 26.7 61.7 92.5#
58 74.1 62.2 93.2

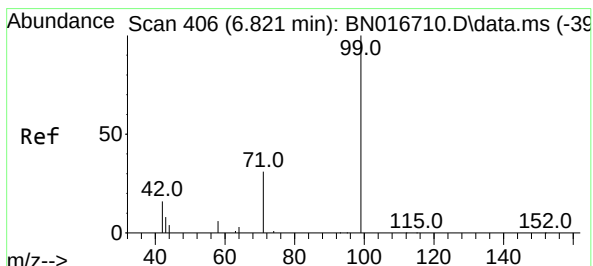
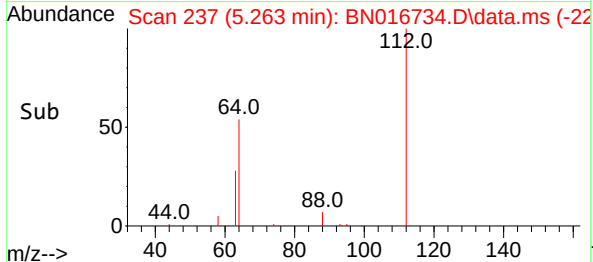
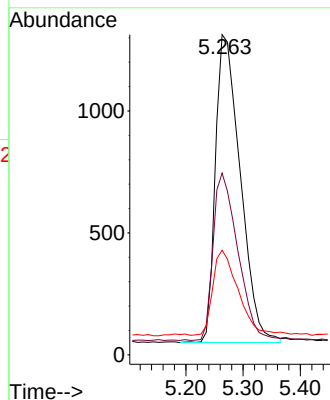
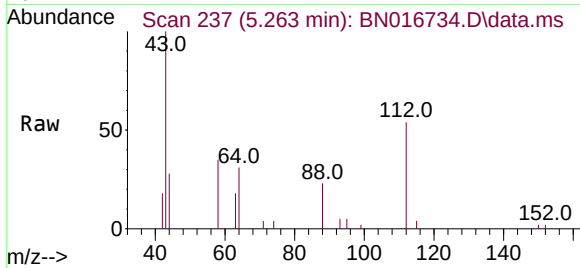




#4
2-Fluorophenol
Concen: 0.052 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

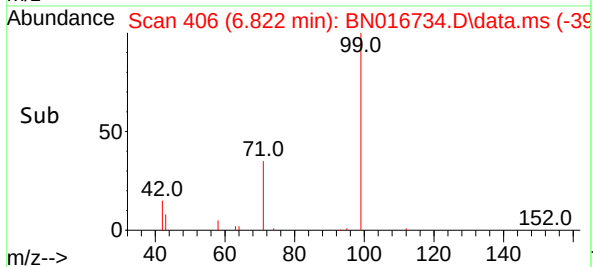
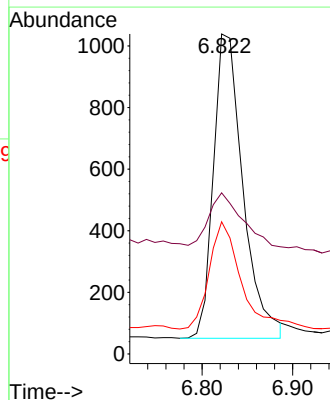
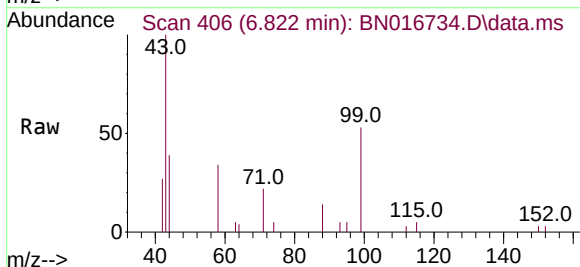
Instrument :
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ClientSampleId :
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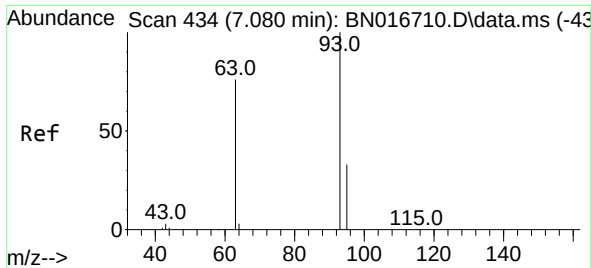
Tgt Ion:112 Resp: 3804
Ion Ratio Lower Upper
112 100
64 54.0 42.9 64.3
63 28.0 21.5 32.3



#5
Phenol-d6
Concen: 0.028 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

Tgt Ion: 99 Resp: 2240
Ion Ratio Lower Upper
99 100
42 19.6 13.4 20.2
71 37.1 24.0 36.0#

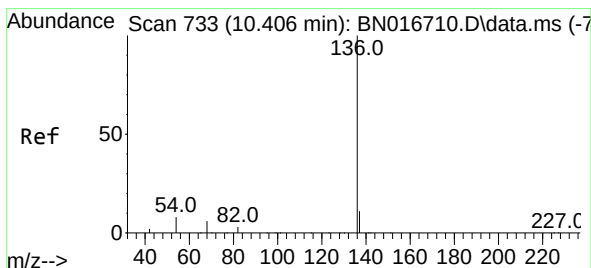
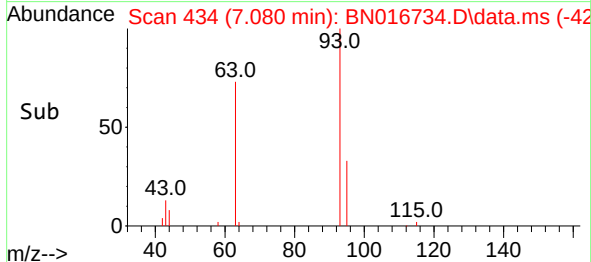
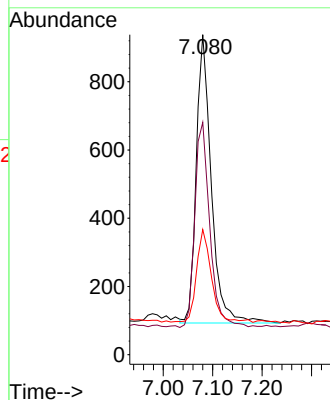
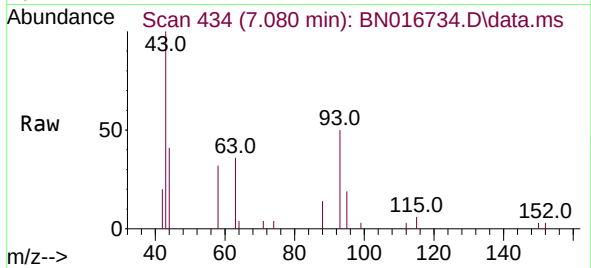




#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

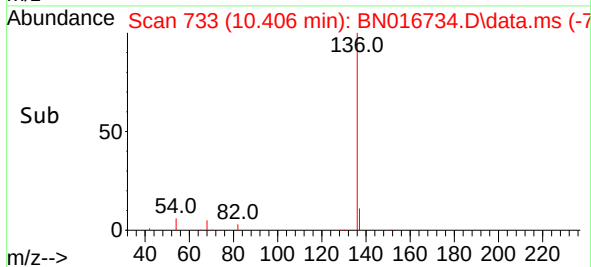
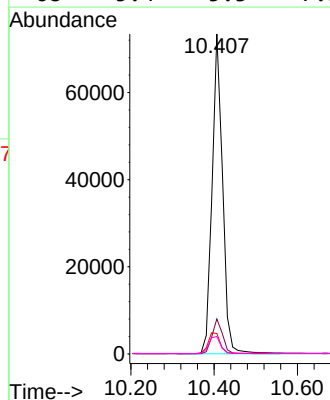
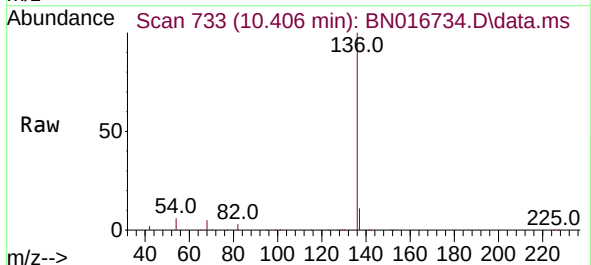
Instrument :
BNA_N
ClientSampleId :
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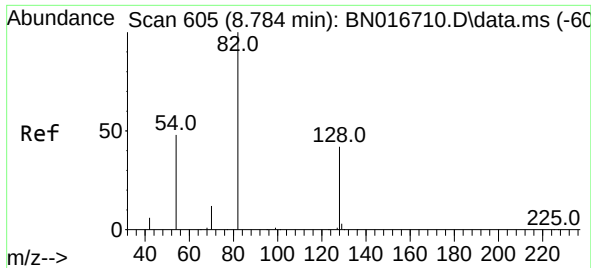
Tgt Ion:	93	Resp:	1786
Ion	Ratio	Lower	Upper
93	100		
63	70.3	59.0	88.6
95	31.7	26.4	39.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

Tgt Ion:	136	Resp:	128317
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	6.5	9.7#
68	5.4	5.3	7.9

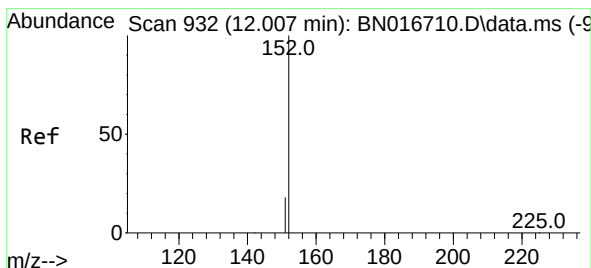
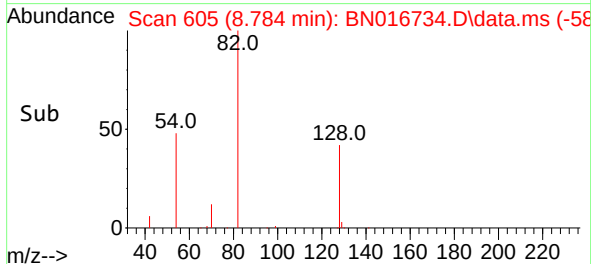
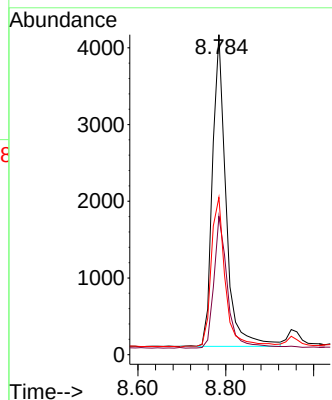
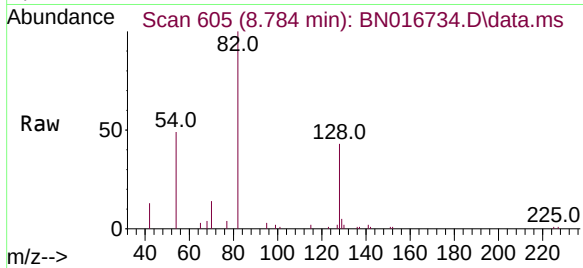




#8
Nitrobenzene-d5
Concen: 0.097 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

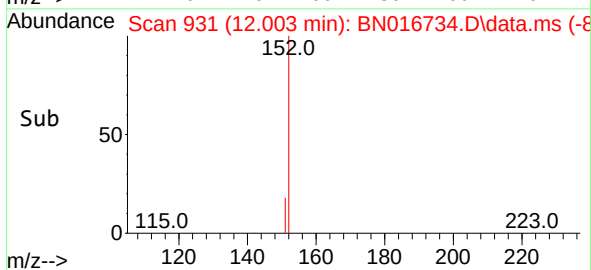
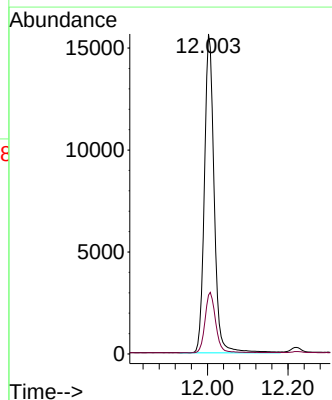
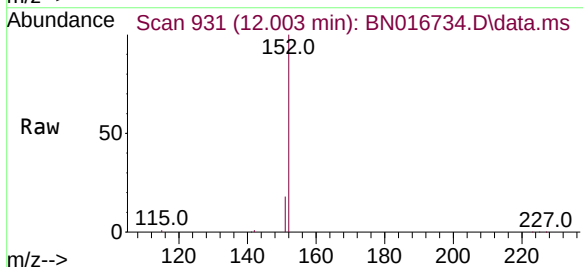
Instrument :
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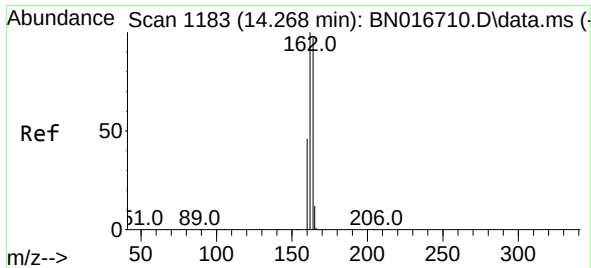
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.8	50.6
54	49.1	38.5	57.7



#11
2-Methylnaphthalene-d10
Concen: 0.137 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4

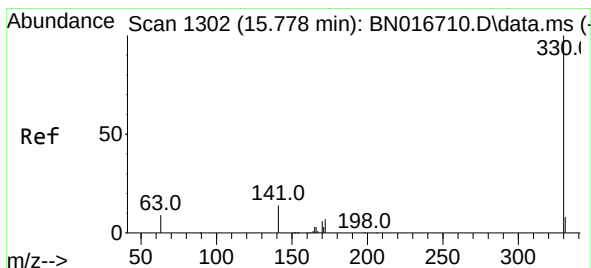
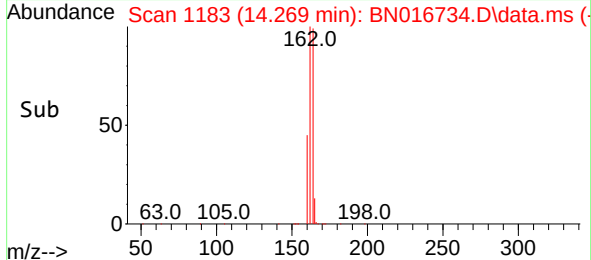
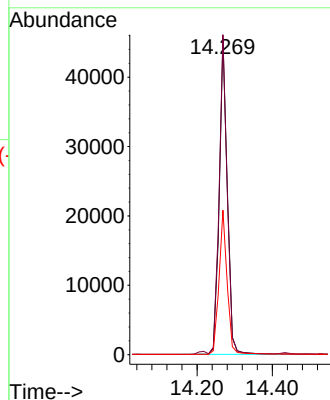
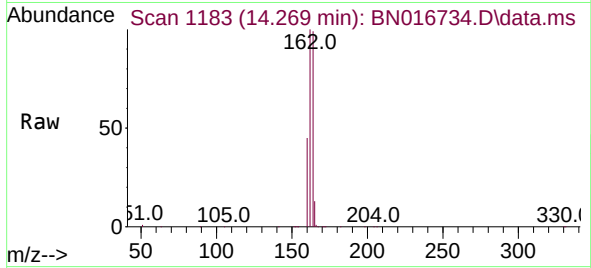




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

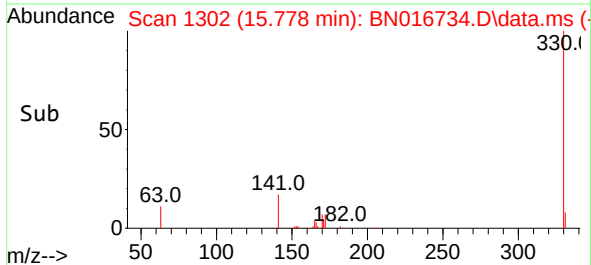
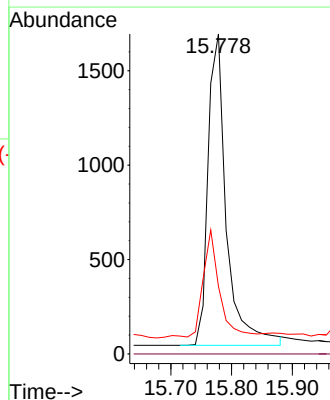
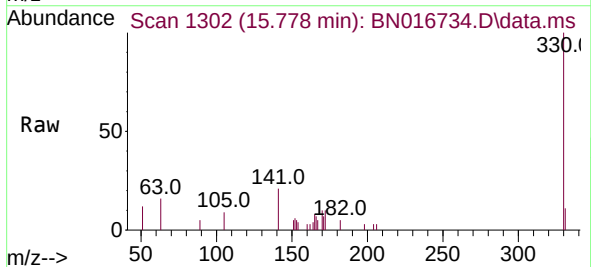
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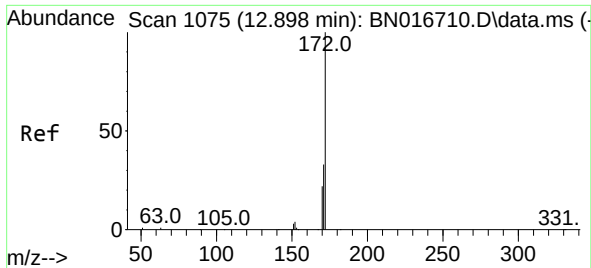
Tgt Ion:164 Resp: 67440
Ion Ratio Lower Upper
164 100
162 101.2 82.6 124.0
160 45.7 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.206 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

Tgt Ion:330 Resp: 3460
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.9 24.2 36.2

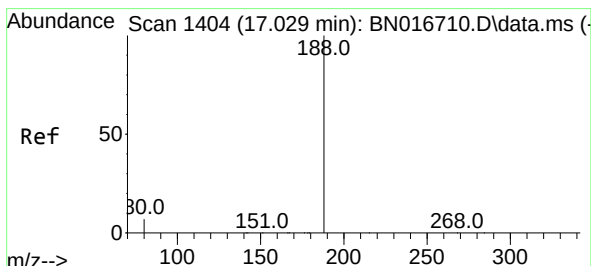
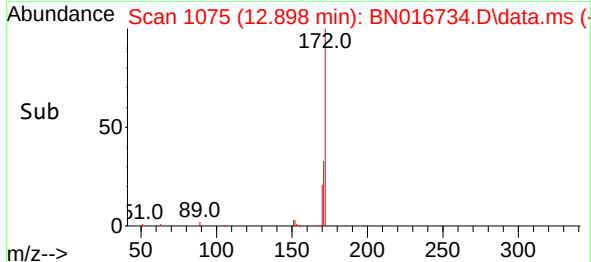
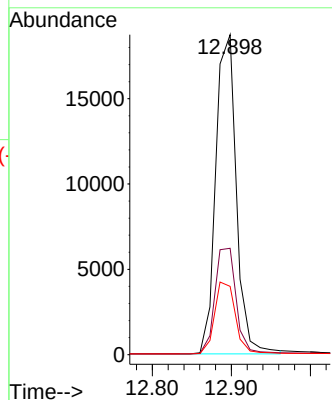
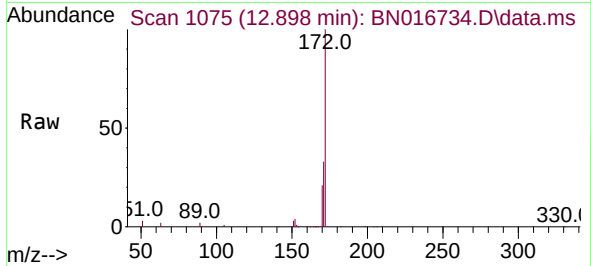




#15
2-Fluorobiphenyl
Concen: 0.125 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

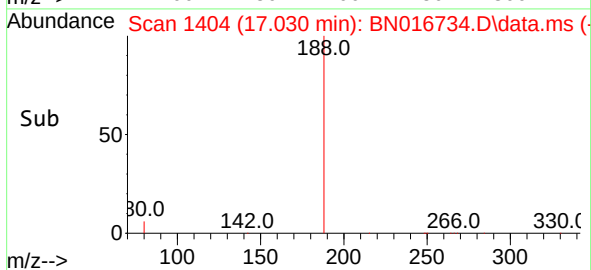
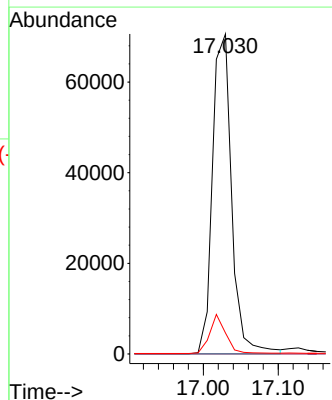
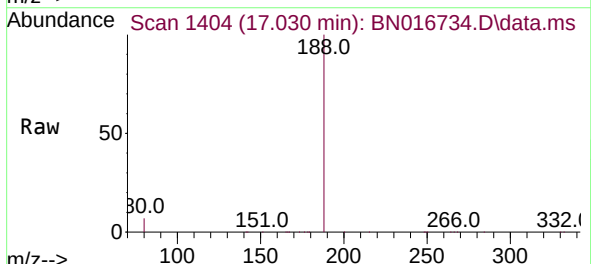
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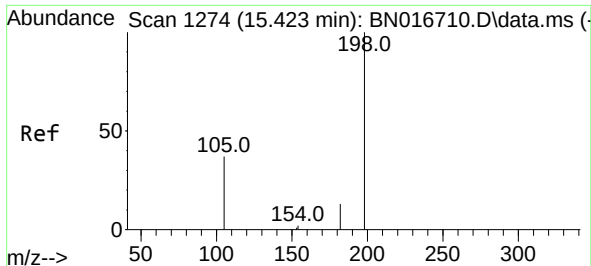
Tgt Ion:	172	Resp:	33832
Ion Ratio	Lower	Upper	
172	100		
171	33.2	26.9	40.3
170	21.4	17.4	26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

Tgt Ion:	188	Resp:	125234
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.5	5.8	8.8

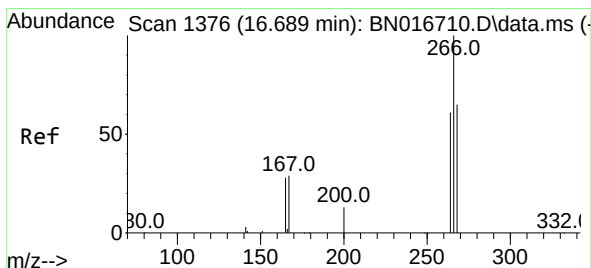
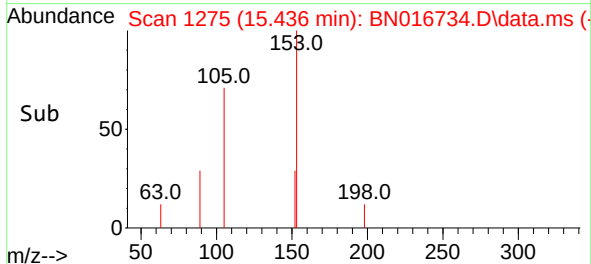
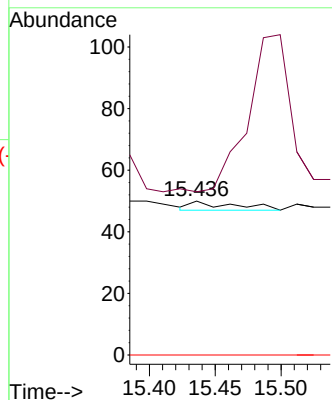
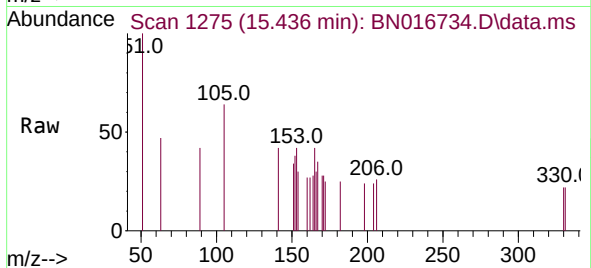




#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.013 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

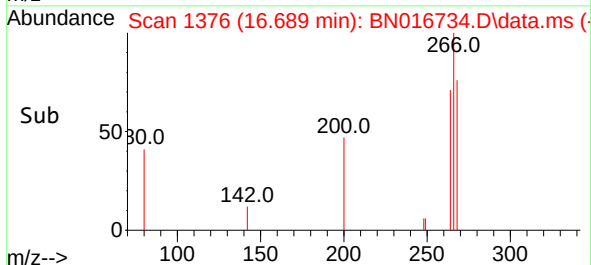
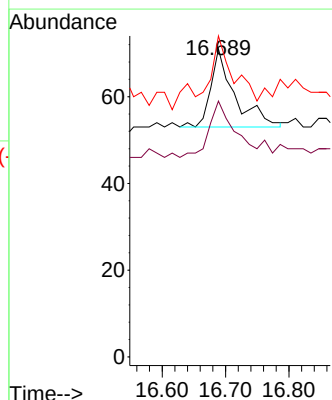
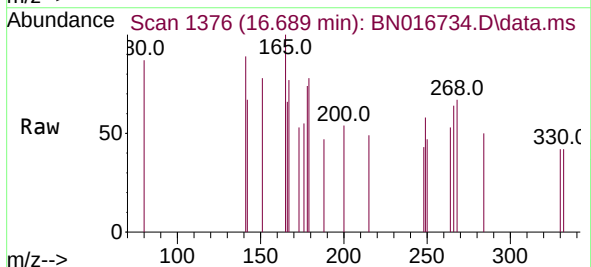
Instrument :
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TT101D1-20210921DL

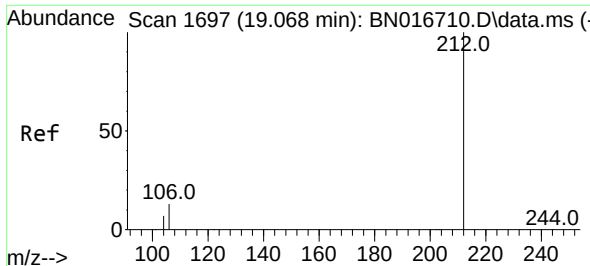
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 106.0 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.340 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

Tgt Ion:266 Resp: 47
Ion Ratio Lower Upper
266 100
264 78.7 49.3 73.9#
268 76.6 51.8 77.8

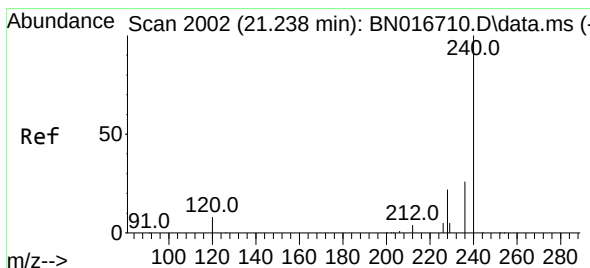
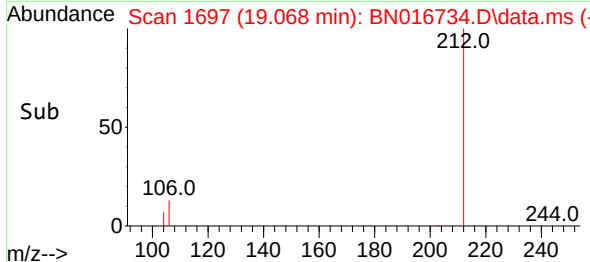
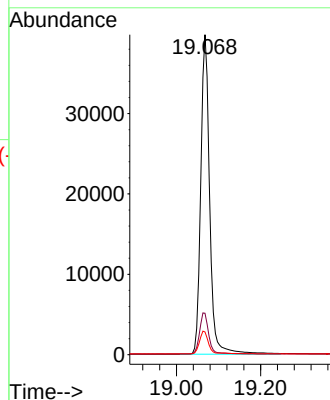
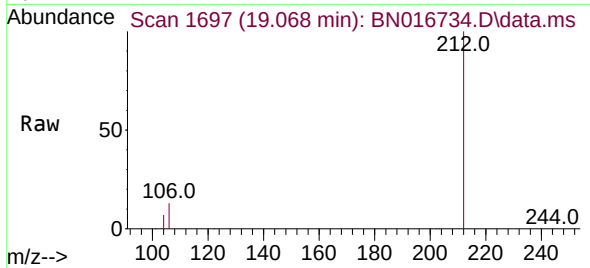




#27
Fluoranthene-d10
Concen: 0.171 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

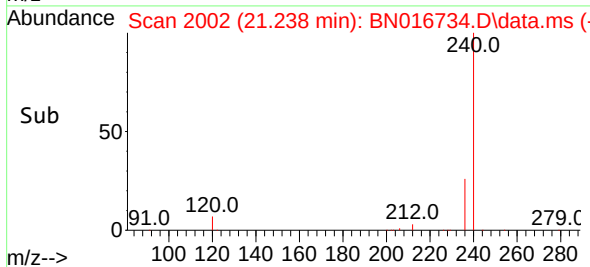
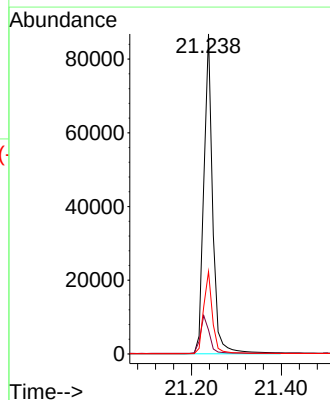
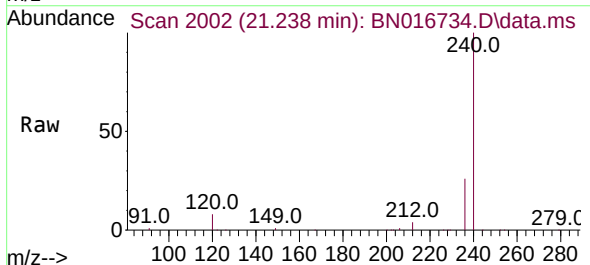
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210921DL

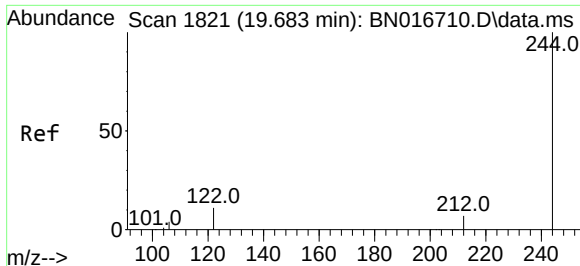
Tgt Ion:212 Resp: 58681
Ion Ratio Lower Upper
212 100
106 13.1 10.6 16.0
104 7.0 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

Tgt Ion:240 Resp: 118188
Ion Ratio Lower Upper
240 100
120 7.5 6.6 10.0
236 25.8 20.7 31.1

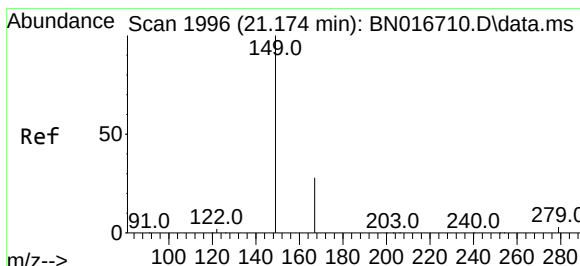
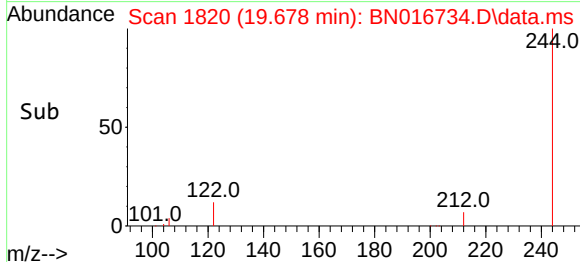
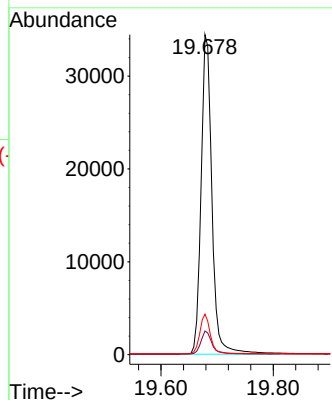
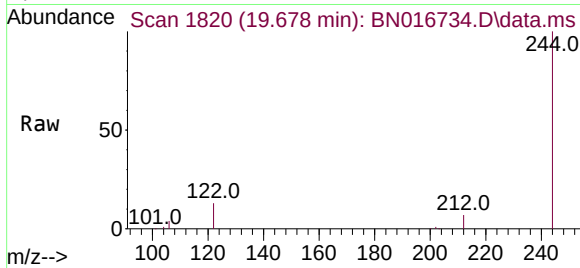




#31
Terphenyl-d14
Concen: 0.175 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

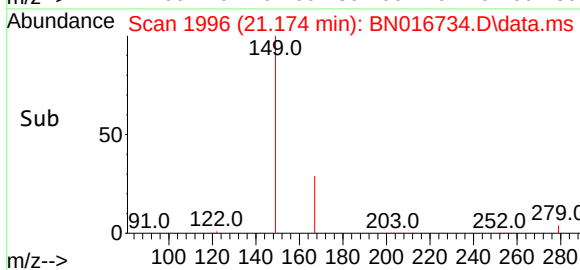
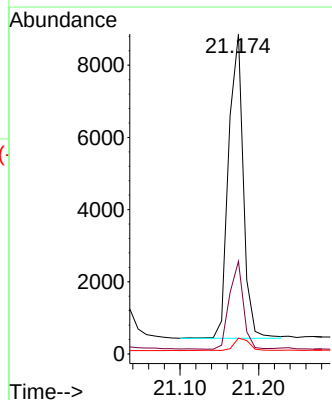
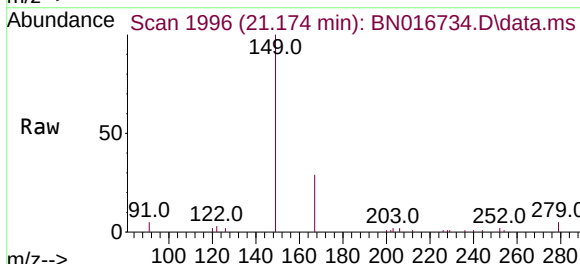
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210921DL

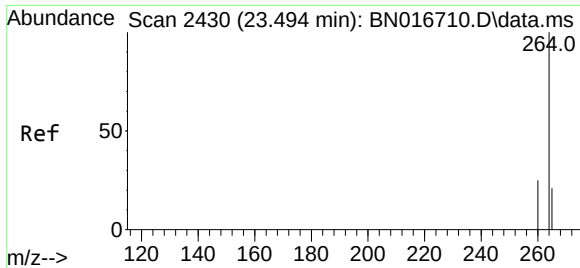
Tgt Ion:244 Resp: 46269
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 12.7 8.9 13.3



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.049 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016734.D
Acq: 05 Oct 2021 07:01

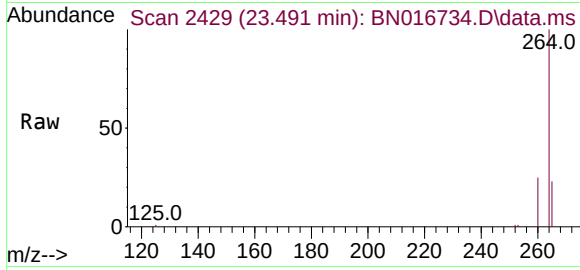
Tgt Ion:149 Resp: 10931
Ion Ratio Lower Upper
149 100
167 27.2 22.2 33.4
279 4.6 3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.491 min Scan# 2429
 Delta R.T. -0.003 min
 Lab File: BN016734.D
 Acq: 05 Oct 2021 07:01

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210921DL



Tgt Ion:264 Resp: 119940

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	23.4	20.3	30.5

