

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016789.D
 Acq On : 06 Oct 2021 21:06
 Operator : CG/JU
 Sample : M3915-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20210921

Quant Time: Oct 07 00:59:22 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)

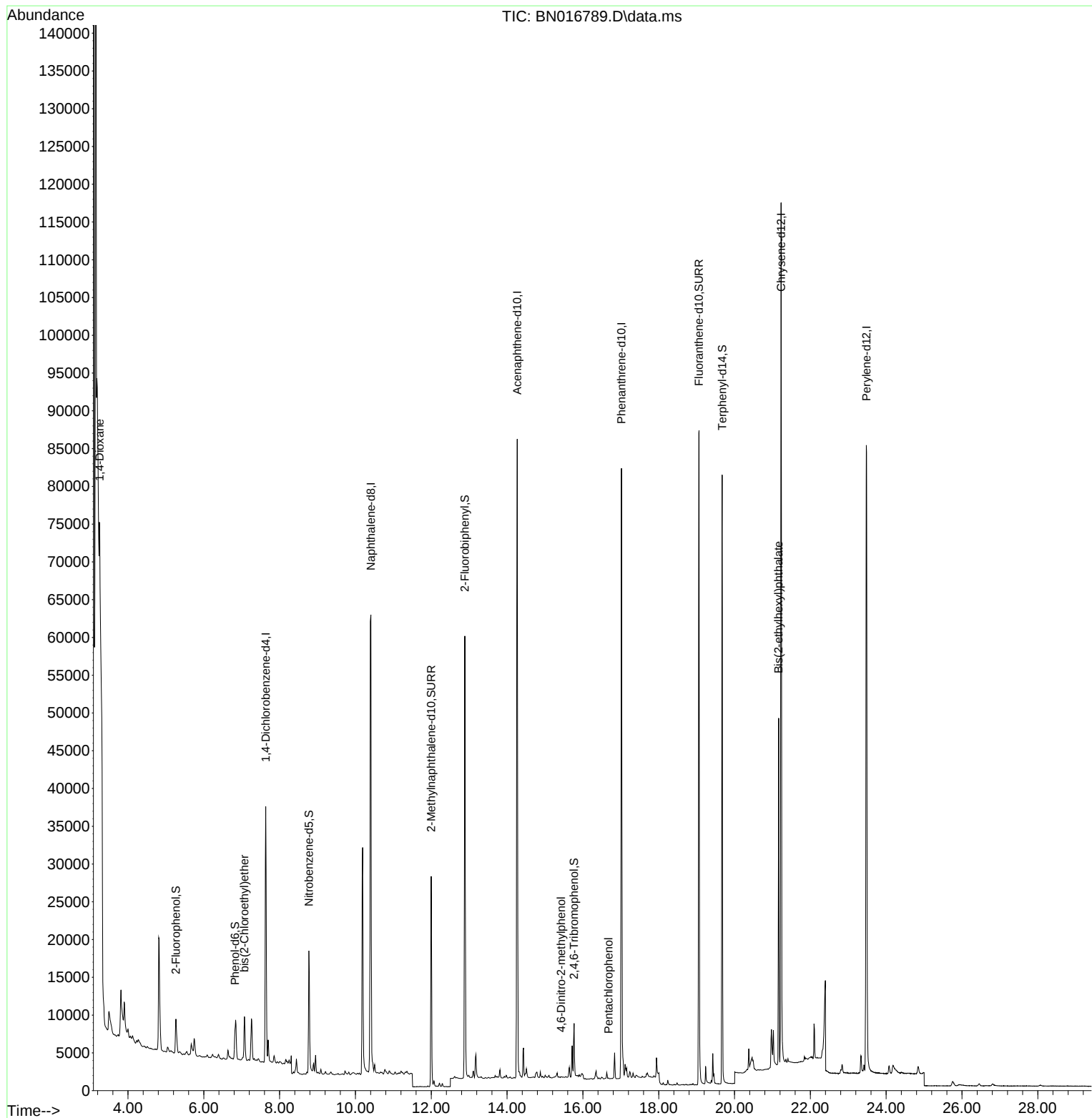
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	20047	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	93393	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	51612	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	103552	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	106388	0.400	ng	0.00
35) Perylene-d12	23.478	264	111373	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	5928	0.116	ng	0.02
5) Phenol-d6	6.822	99	3773	0.066	ng	0.00
8) Nitrobenzene-d5	8.772	82	15284	0.233	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	38237	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	6329	0.330	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	49687	0.241	ng	0.00
27) Fluoranthene-d10	19.063	212	99559	0.351	ng	0.00
31) Terphenyl-d14	19.673	244	82149	0.345	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.253	88	10906	1.166	ng	# 70
6) bis(2-Chloroethyl)ether	7.071	93	5091	0.093	ng	99
20) 4,6-Dinitro-2-methylph...	15.423	198	2	0.266	ng	# 1
24) Pentachlorophenol	16.677	266	35	0.339	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.164	149	37134	0.186	ng	99

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

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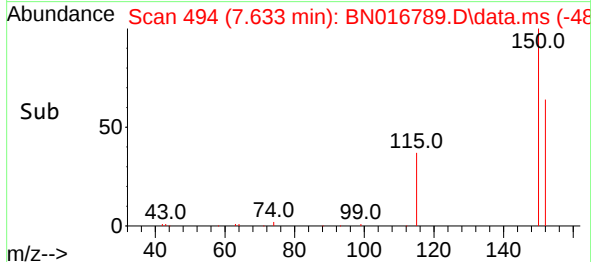
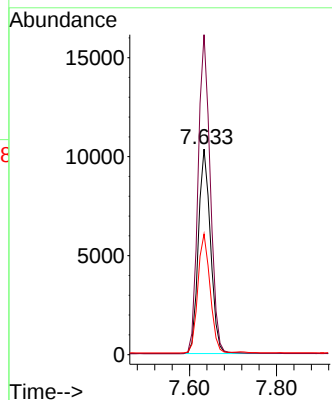
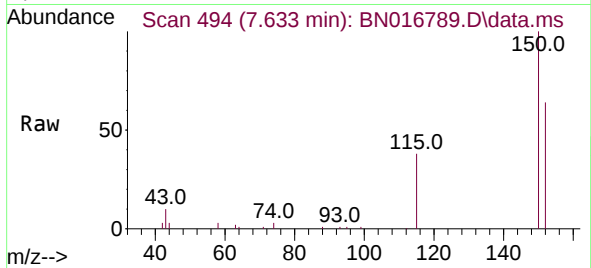




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

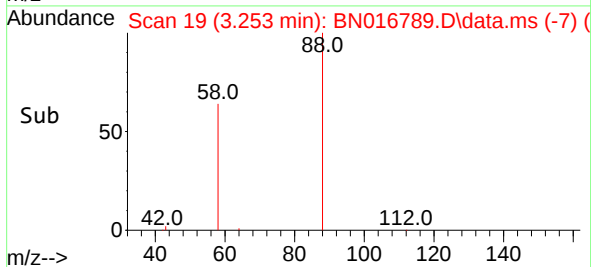
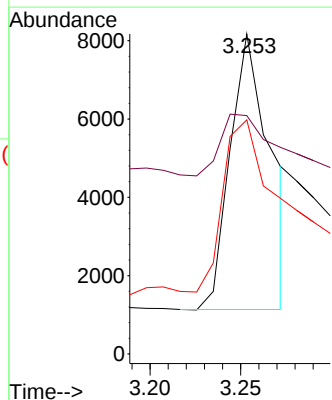
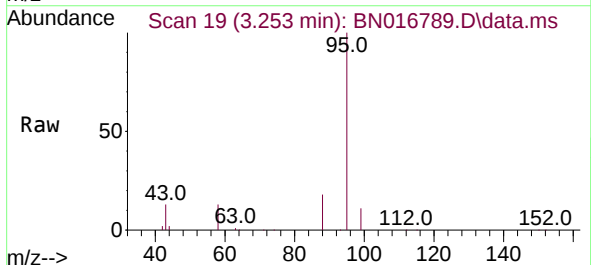
Instrument :
BNA_N
ClientSampleId :
RE104D2-20210921

Tgt Ion:152 Resp: 20047
Ion Ratio Lower Upper
152 100
150 155.6 123.3 184.9
115 58.6 47.0 70.6



#2
1,4-Dioxane
Concen: 1.166 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.009 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

Tgt Ion: 88 Resp: 10906
Ion Ratio Lower Upper
88 100
43 26.2 61.7 92.5#
58 78.3 62.2 93.2

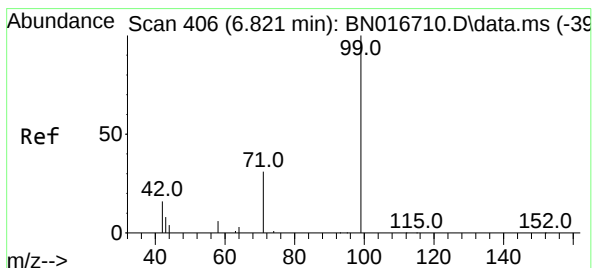
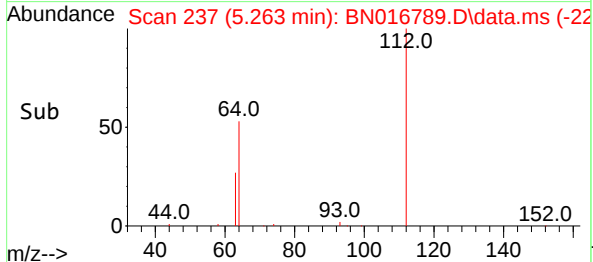
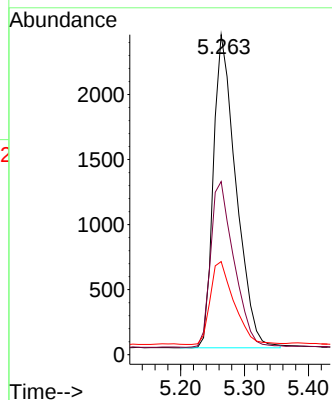
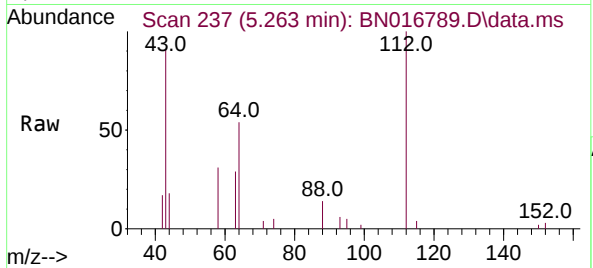




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

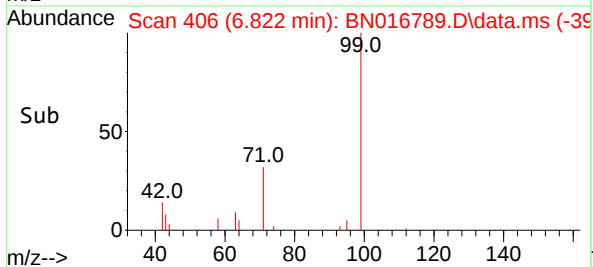
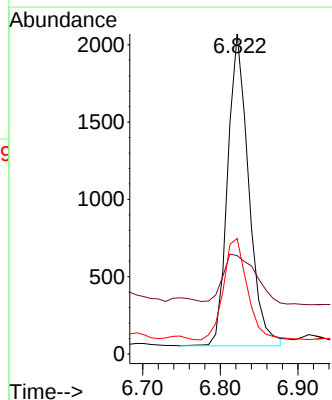
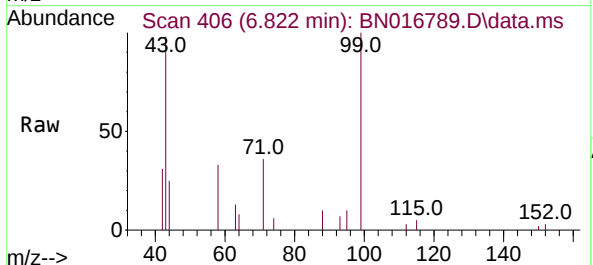
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BNA_N
ClientSampleId :
RE104D2-20210921

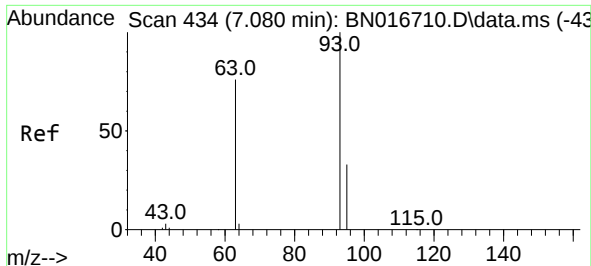
Tgt Ion:112 Resp: 5928
Ion Ratio Lower Upper
112 100
64 54.5 42.9 64.3
63 27.8 21.5 32.3



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

Tgt Ion: 99 Resp: 3773
Ion Ratio Lower Upper
99 100
42 24.0 13.4 20.2#
71 36.8 24.0 36.0#

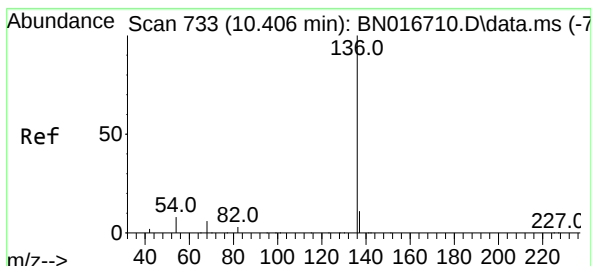
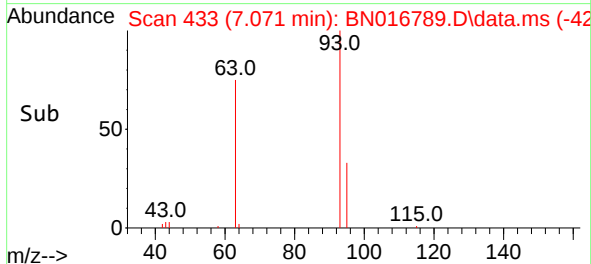
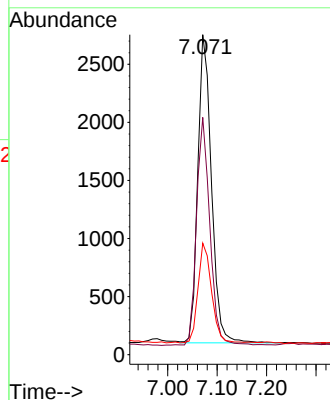
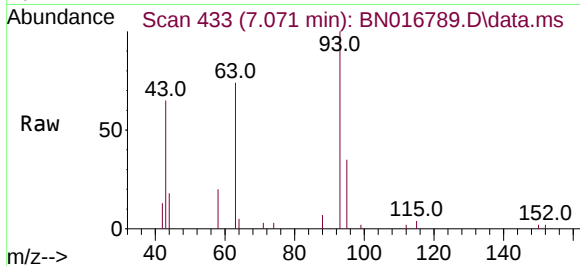




#6
bis(2-Chloroethyl)ether
Concen: 0.093 ng
RT: 7.071 min Scan# 433
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

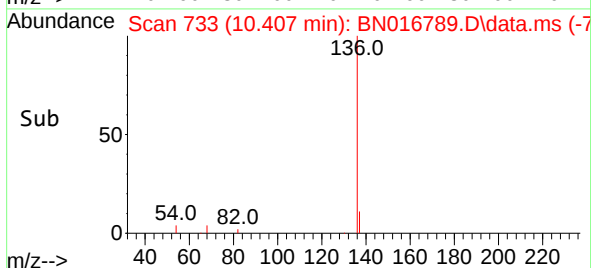
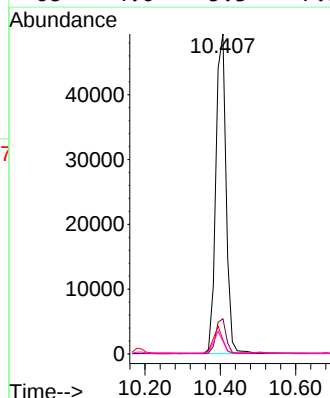
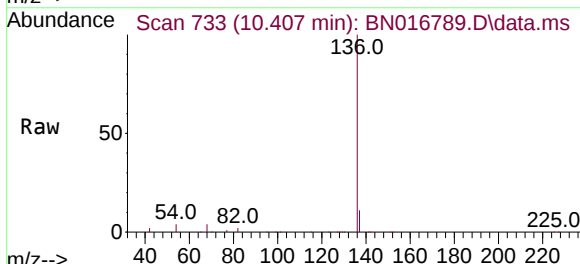
Instrument :
BNA_N
ClientSampleId :
RE104D2-20210921

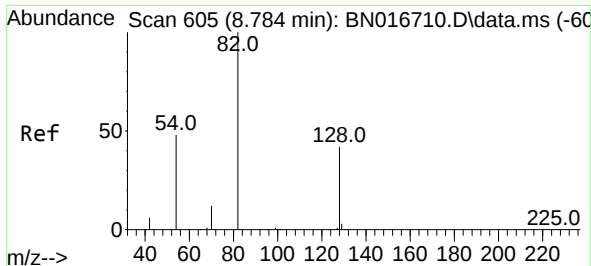
Tgt Ion:	93	Resp:	5091
Ion	Ratio	Lower	Upper
93	100		
63	72.9	59.0	88.6
95	32.3	26.4	39.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

Tgt Ion:	136	Resp:	93393
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#

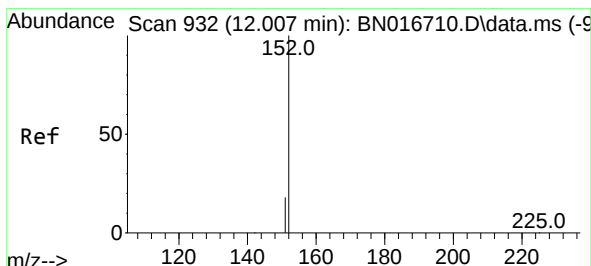
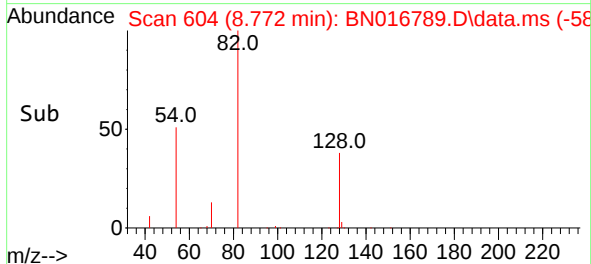
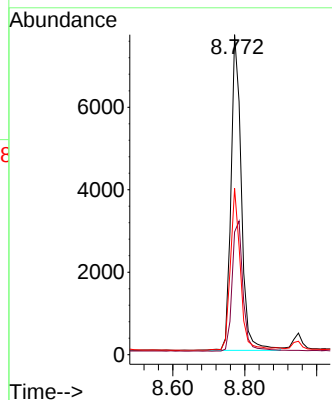
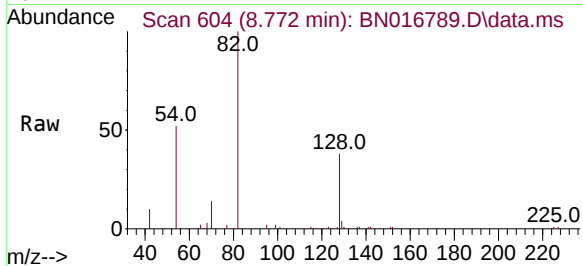




#8
Nitrobenzene-d5
Concen: 0.233 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

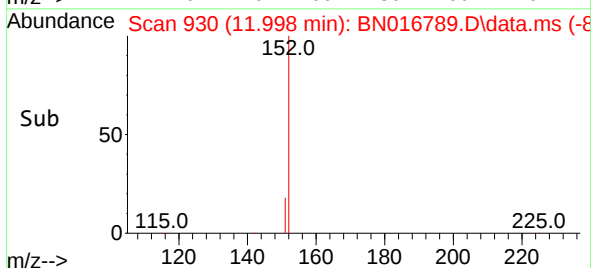
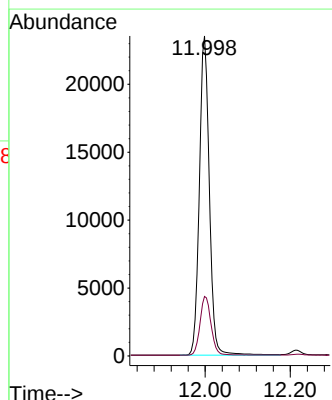
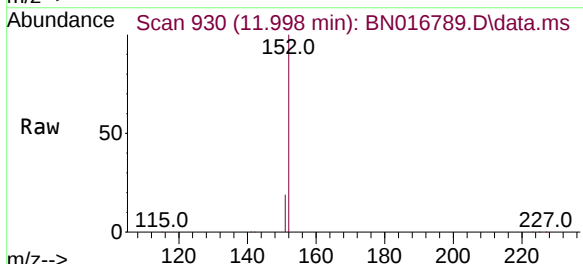
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ClientSampleId :
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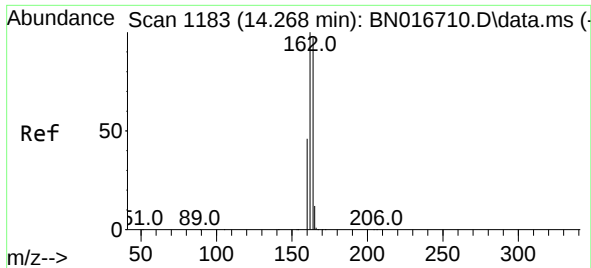
Tgt Ion: 82 Resp: 15284
Ion Ratio Lower Upper
82 100
128 38.3 33.8 50.6
54 51.9 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 11.998 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

Tgt Ion: 152 Resp: 38237
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4

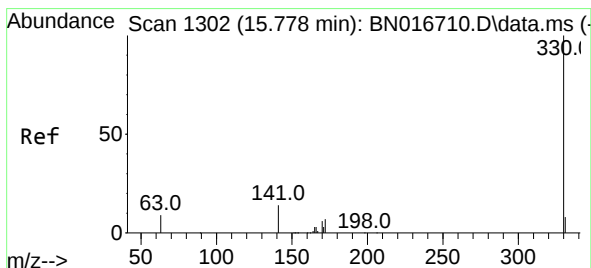
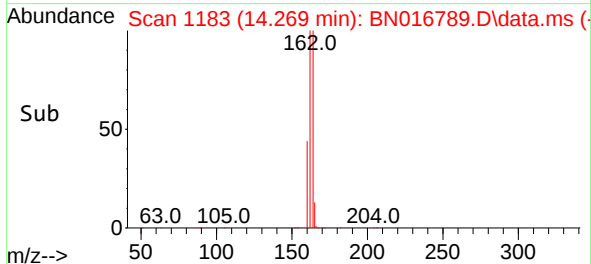
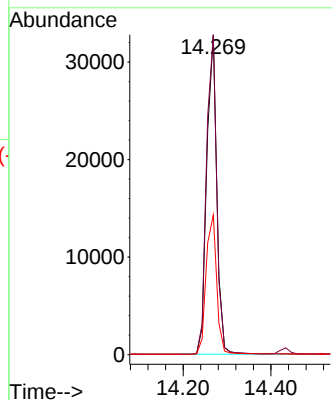
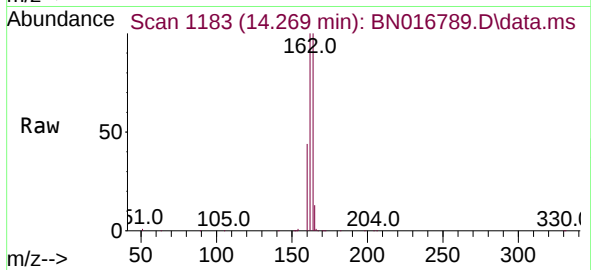




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

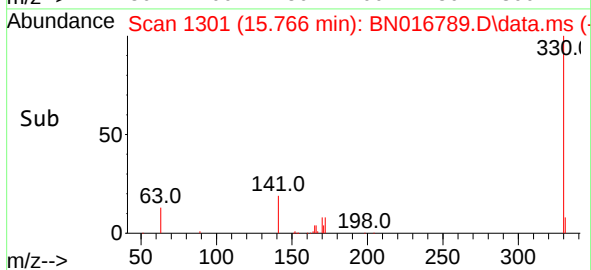
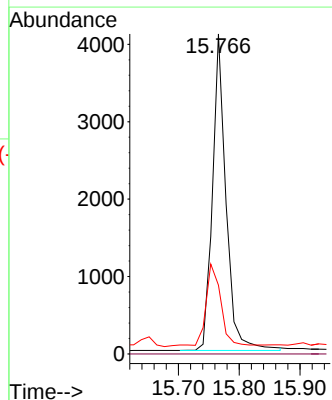
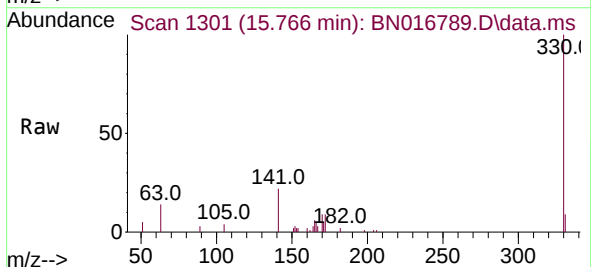
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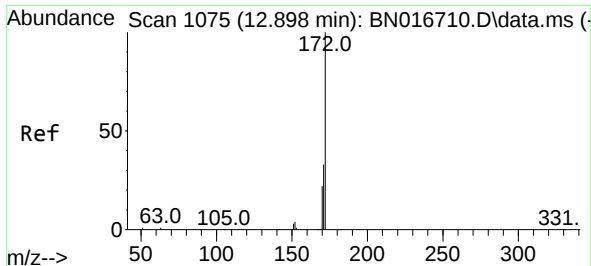
Tgt Ion:164 Resp: 51612
Ion Ratio Lower Upper
164 100
162 100.2 82.6 124.0
160 43.8 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

Tgt Ion:330 Resp: 6329
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.8 24.2 36.2

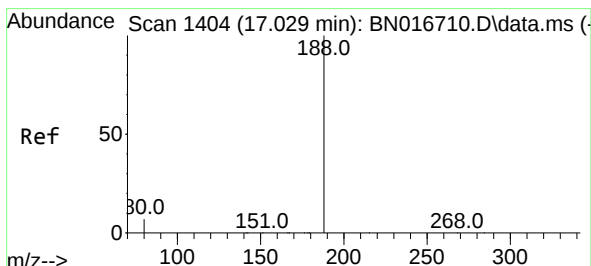
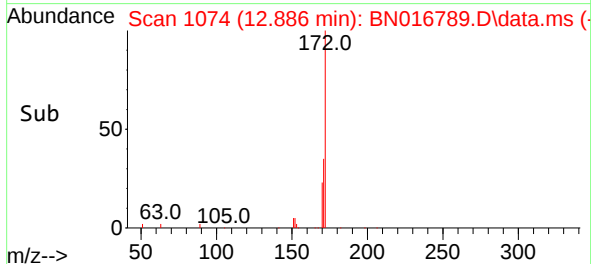
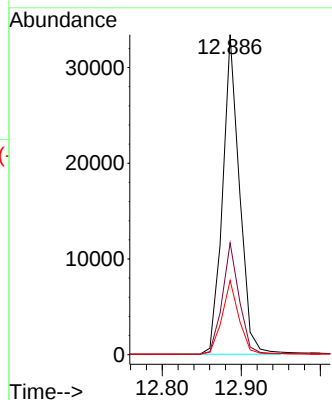
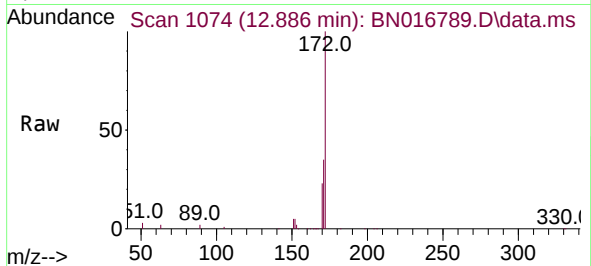




#15
2-Fluorobiphenyl
Concen: 0.241 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

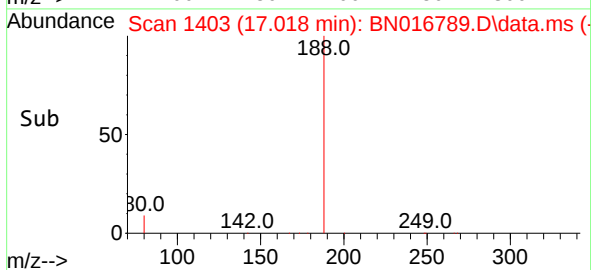
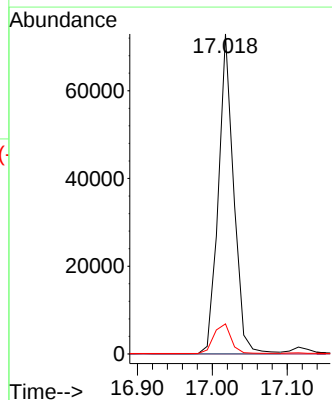
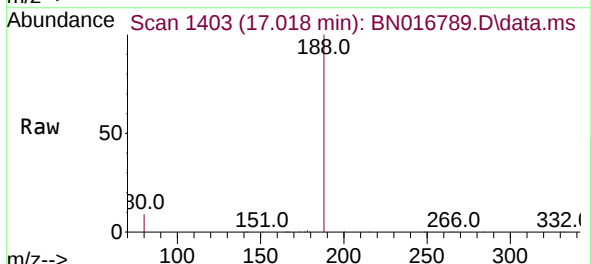
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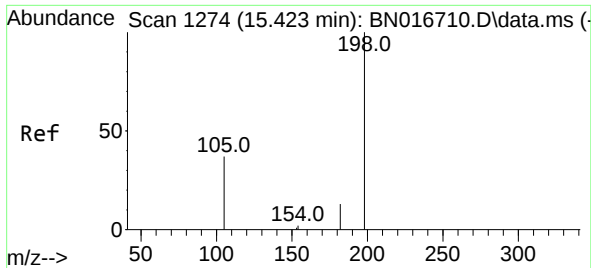
Tgt Ion:172	Resp:	49687
Ion Ratio	Lower	Upper
172	100	
171	35.0	26.9 40.3
170	23.2	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

Tgt Ion:188	Resp:	103552
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.4	5.8 8.8#

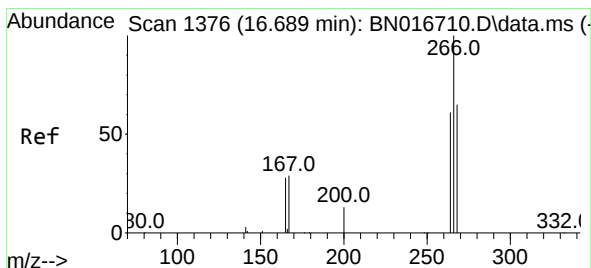
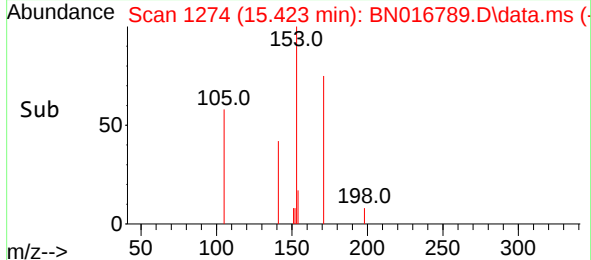
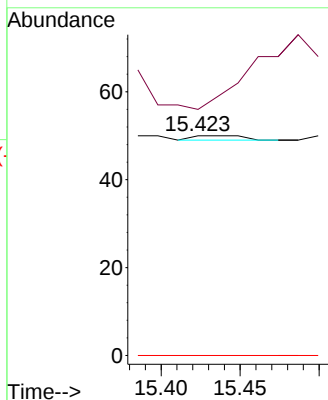
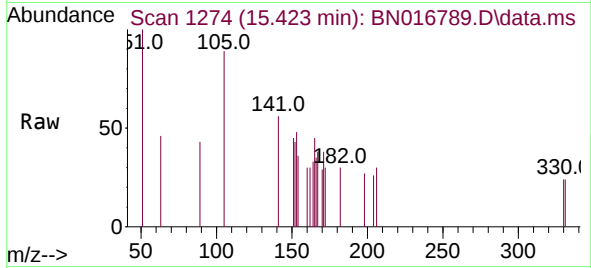




#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.013 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

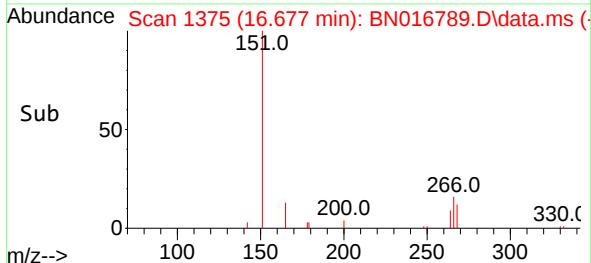
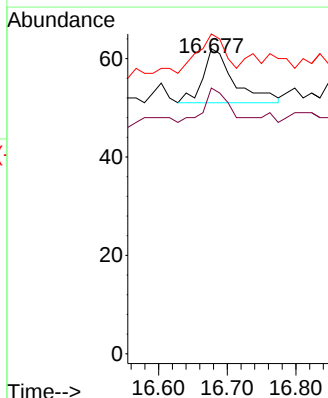
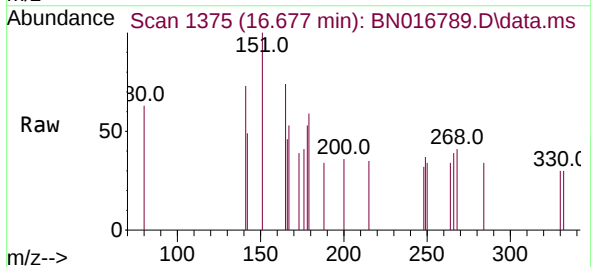
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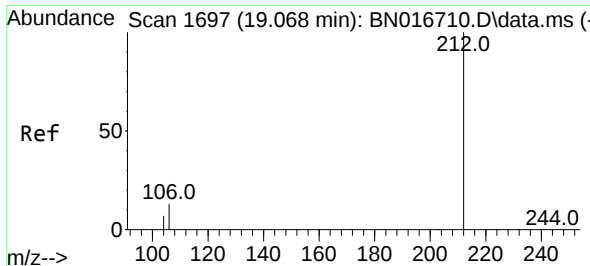
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 112.0 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.339 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

Tgt Ion:266 Resp: 35
Ion Ratio Lower Upper
266 100
264 48.6 49.3 73.9#
268 45.7 51.8 77.8#

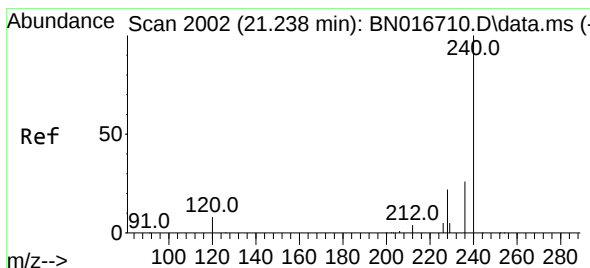
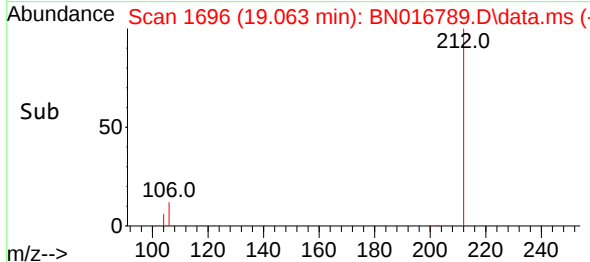
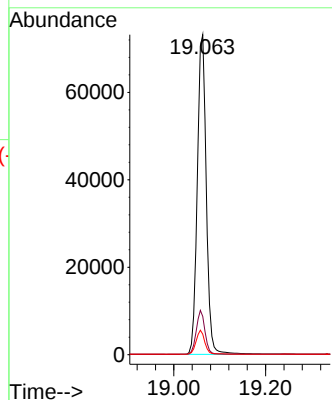
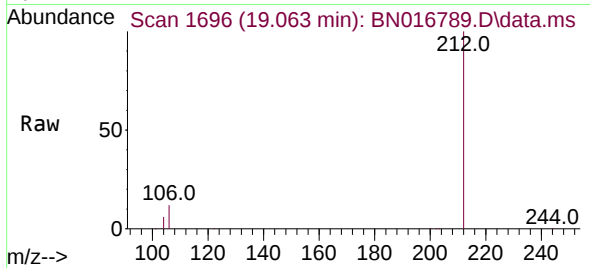




#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.063 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

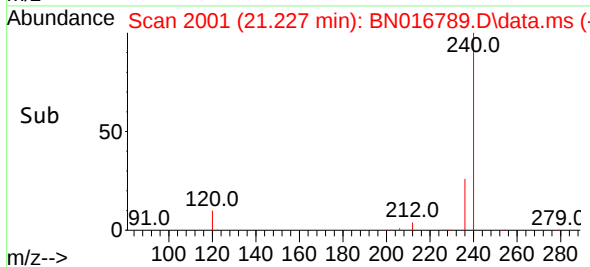
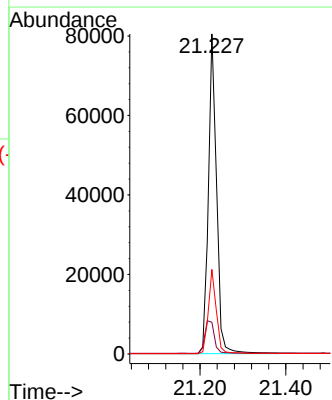
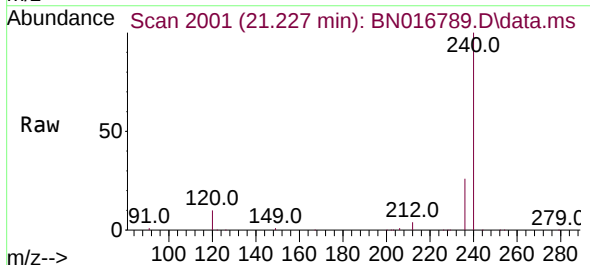
Instrument :
BNA_N
ClientSampleId :
RE104D2-20210921

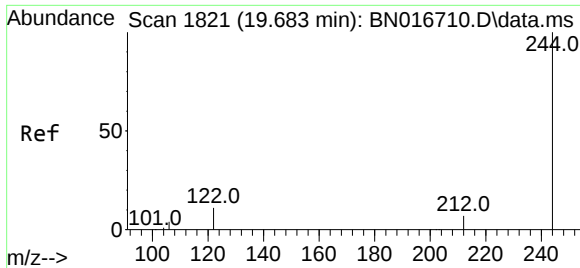
Tgt Ion:212 Resp: 99559
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.1 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

Tgt Ion:240 Resp: 106388
Ion Ratio Lower Upper
240 100
120 9.9 6.6 10.0
236 26.4 20.7 31.1

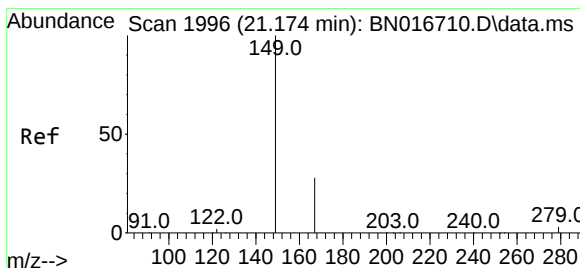
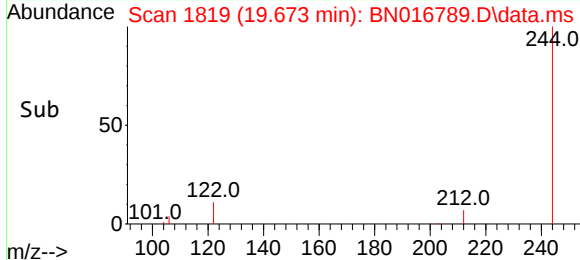
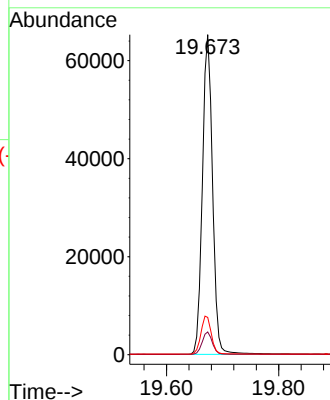
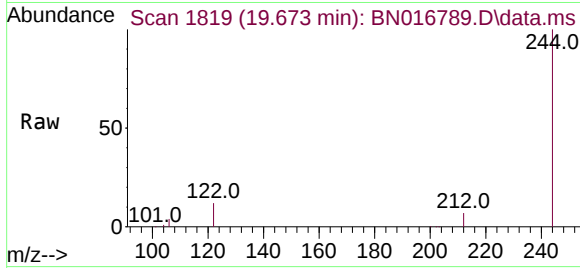




#31
Terphenyl-d14
Concen: 0.345 ng
RT: 19.673 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

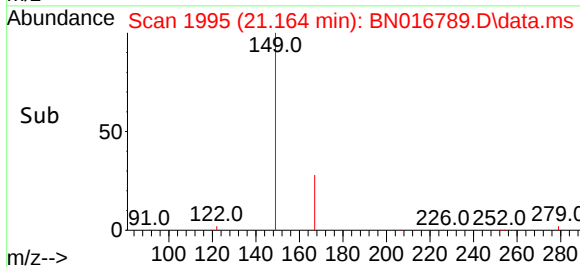
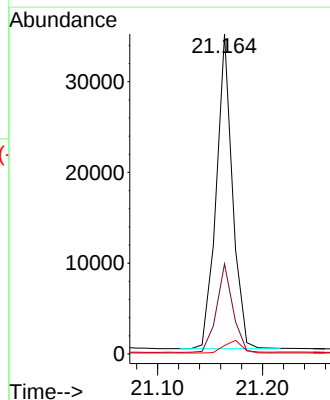
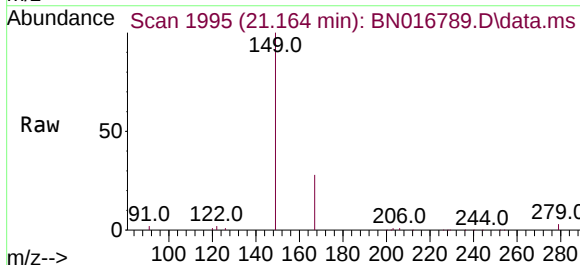
Instrument :
BNA_N
ClientSampleId :
RE104D2-20210921

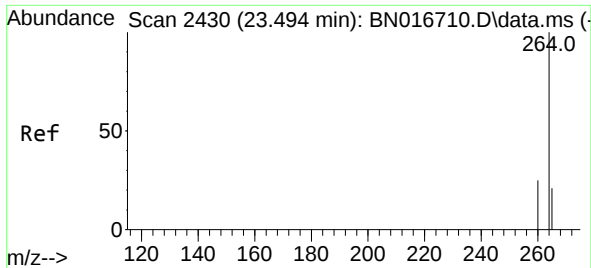
Tgt Ion:244 Resp: 82149
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.6 8.9 13.3



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.186 ng
RT: 21.164 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN016789.D
Acq: 06 Oct 2021 21:06

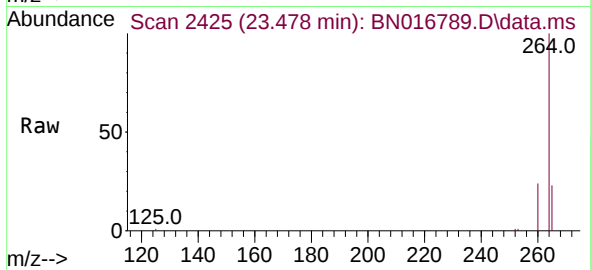
Tgt Ion:149 Resp: 37134
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 4.4 3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.478 min Scan# 2425
 Delta R.T. -0.003 min
 Lab File: BN016789.D
 Acq: 06 Oct 2021 21:06

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20210921



Tgt Ion:264 Resp: 111373
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 23.0 20.3 30.5

