

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016666.D
 Acq On : 02 Oct 2021 11:08
 Operator : CG/JU
 Sample : M3829-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20210916

Quant Time: Oct 04 03:33:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

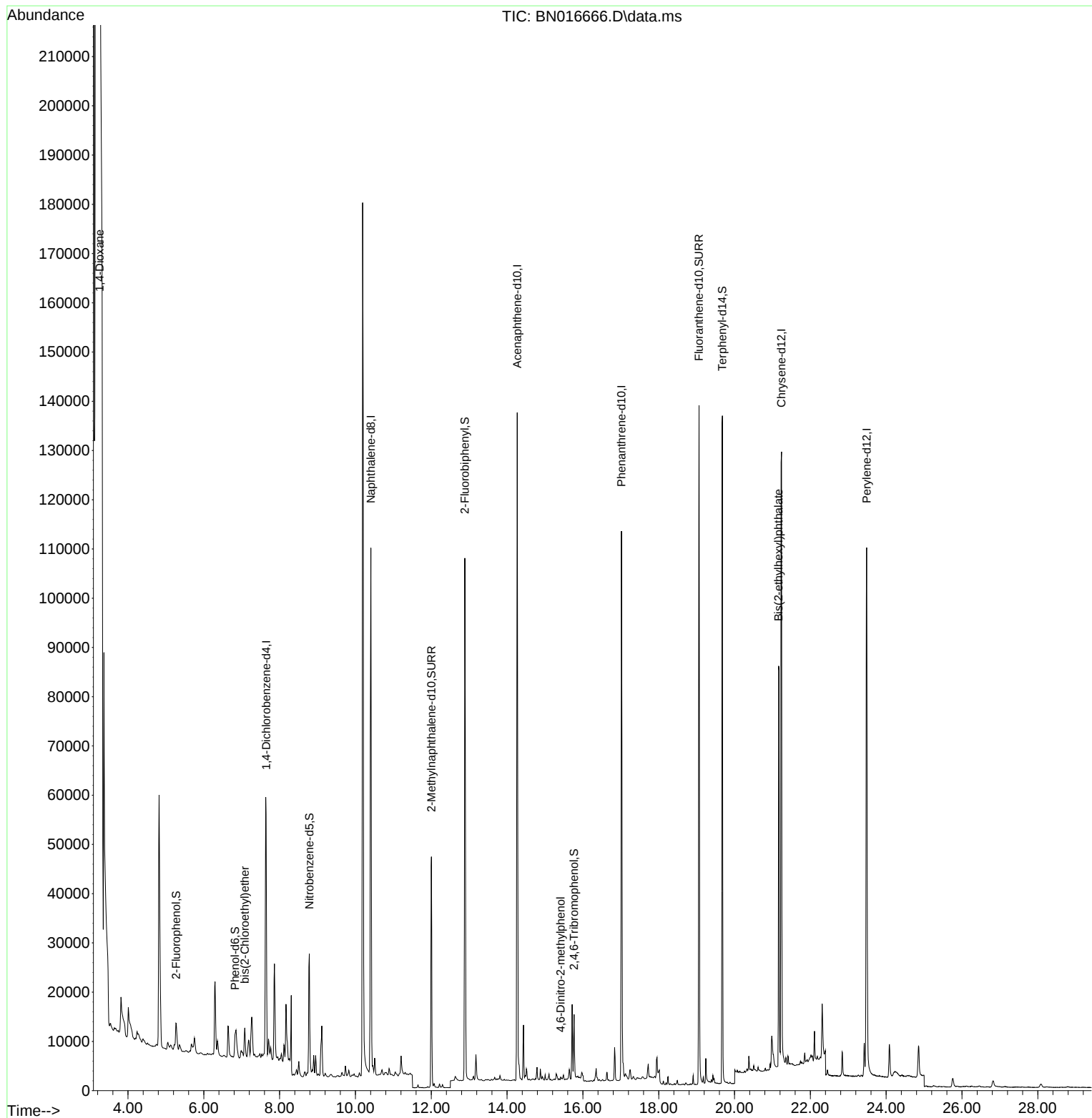
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	30997	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	141608	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	76626	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	148139	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	143337	0.400	ng	0.00
35) Perylene-d12	23.485	264	146837	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7657	0.097	ng	0.02
5) Phenol-d6	6.822	99	4785	0.055	ng	0.00
8) Nitrobenzene-d5	8.785	82	23893	0.259	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	63434	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11192	0.321	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	92643	0.299	ng	-0.01
27) Fluoranthene-d10	19.063	212	154682	0.393	ng	0.00
31) Terphenyl-d14	19.679	244	138948	0.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	41912	2.938	ng	# 86
6) bis(2-Chloroethyl)ether	7.080	93	4894	0.058	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	14	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	91533	0.522	ng	100

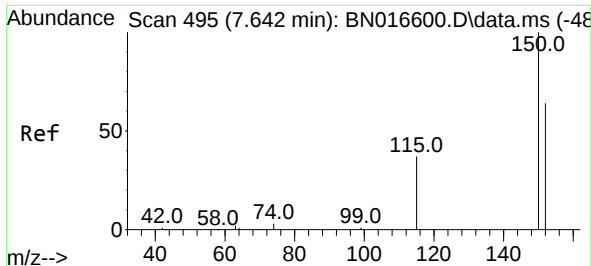
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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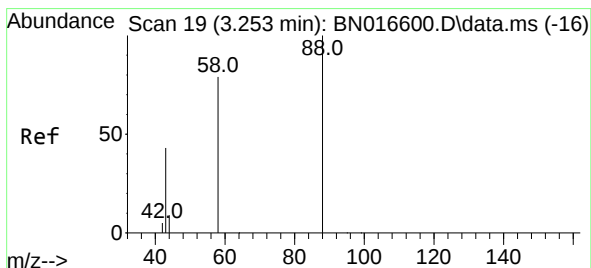
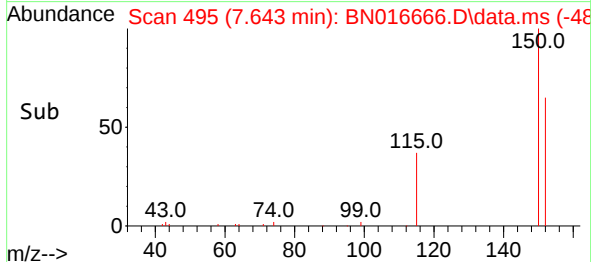
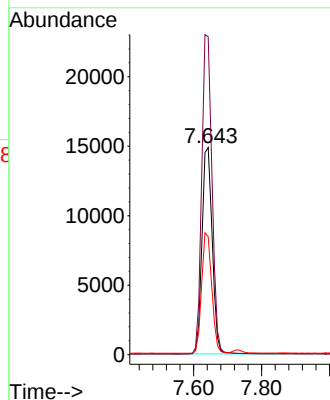
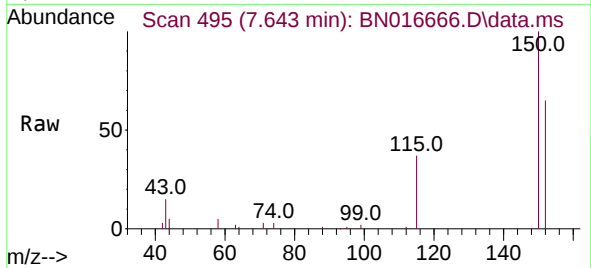




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.643 min Scan# 495
Delta R.T. 0.001 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

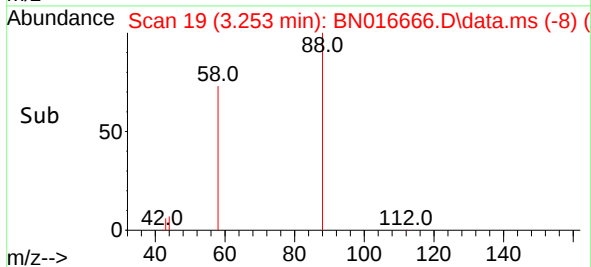
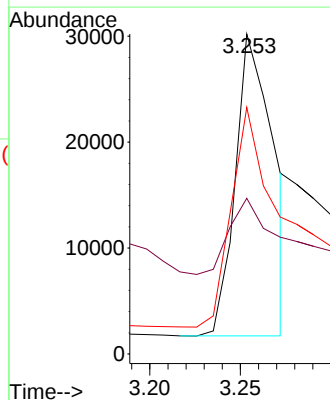
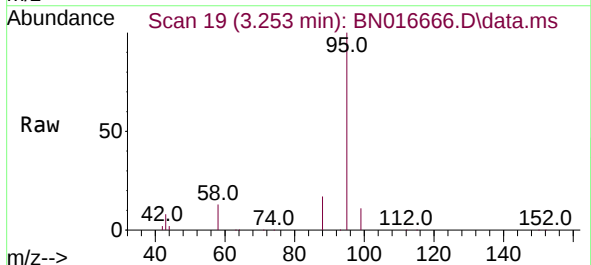
Instrument :
BNA_N
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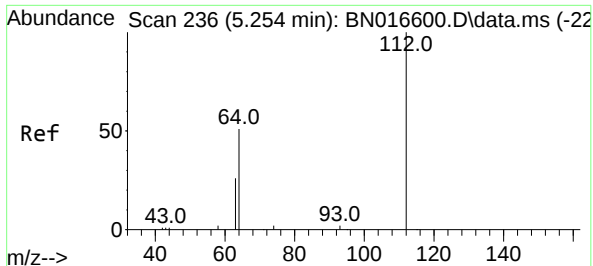
Tgt Ion:152 Resp: 30997
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 56.9 46.5 69.7



#2
1,4-Dioxane
Concen: 2.938 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion: 88 Resp: 41912
Ion Ratio Lower Upper
88 100
43 26.5 37.8 56.8#
58 74.3 61.3 91.9

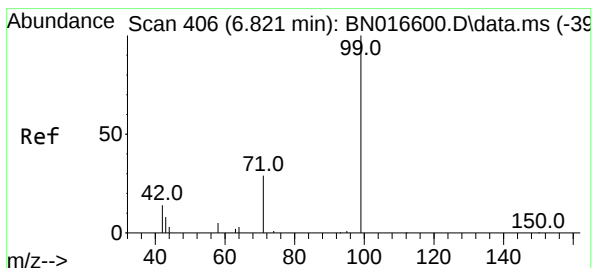
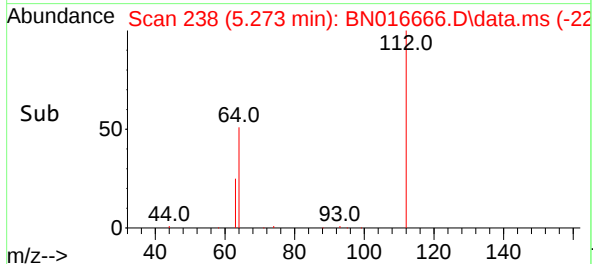
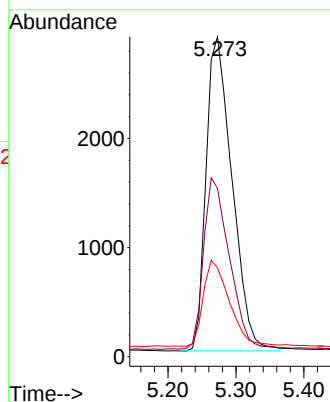
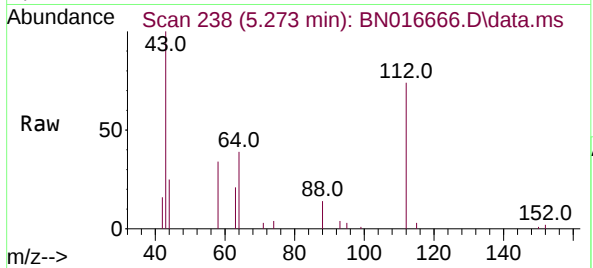




#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

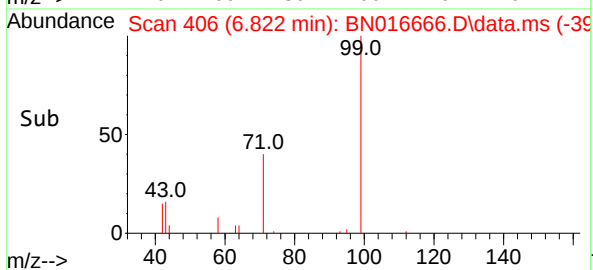
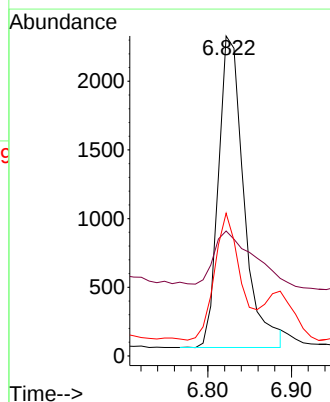
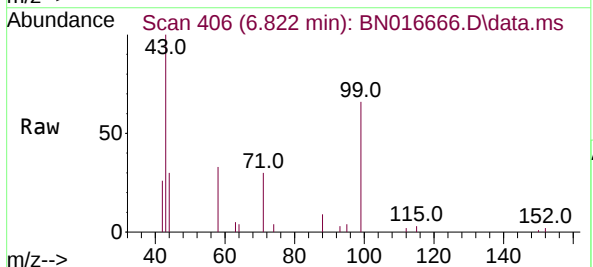
Instrument :
BNA_N
ClientSampleId :
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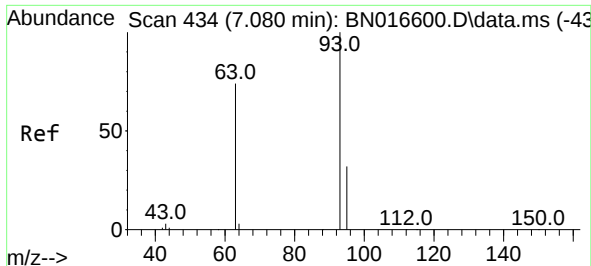
Tgt Ion:112 Resp: 7657
Ion Ratio Lower Upper
112 100
64 54.4 43.1 64.7
63 27.2 21.6 32.4



#5
Phenol-d6
Concen: 0.055 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion: 99 Resp: 4785
Ion Ratio Lower Upper
99 100
42 25.2 13.0 19.6#
71 42.3 23.5 35.3#

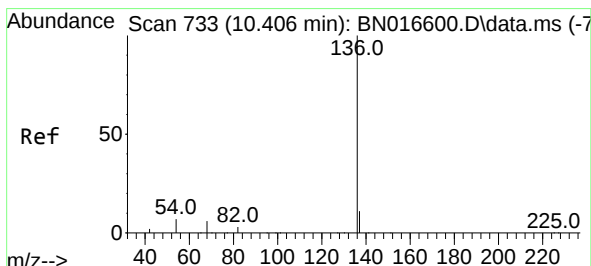
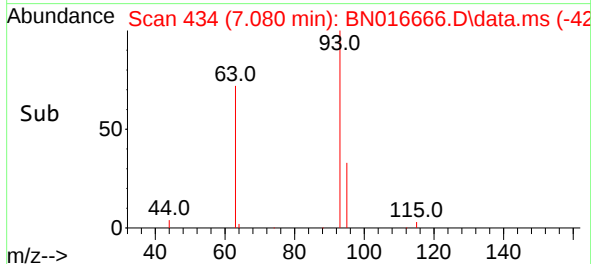
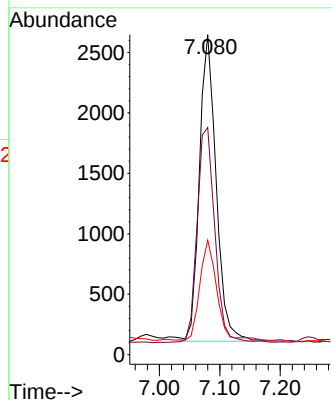
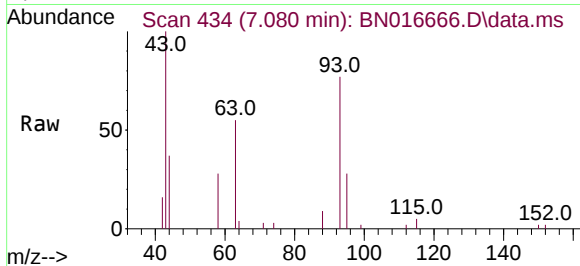




#6
bis(2-Chloroethyl)ether
Concen: 0.058 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

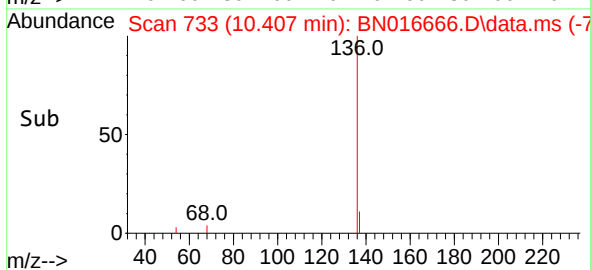
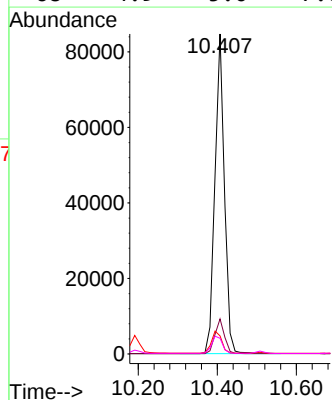
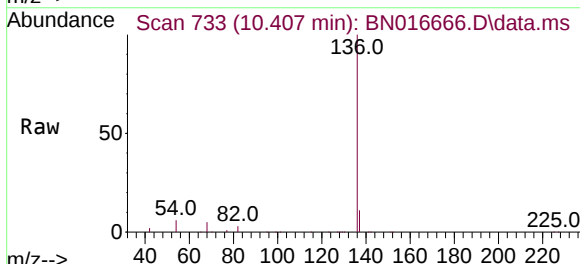
Instrument :
BNA_N
ClientSampleId :
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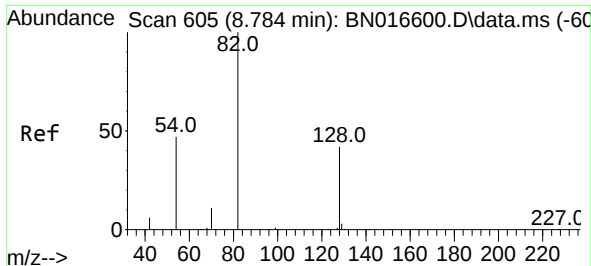
Tgt Ion:	93	Resp:	4894
Ion	Ratio	Lower	Upper
93	100		
63	73.9	59.1	88.7
95	32.7	26.2	39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:	136	Resp:	141608
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.6	5.9	8.9#
68	4.9	5.0	7.6#

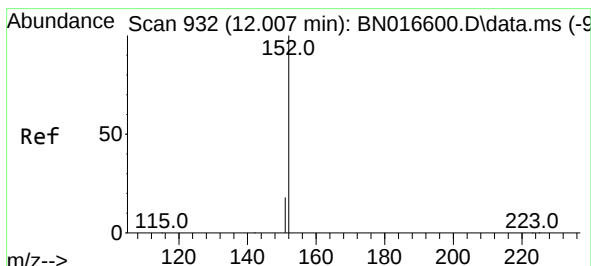
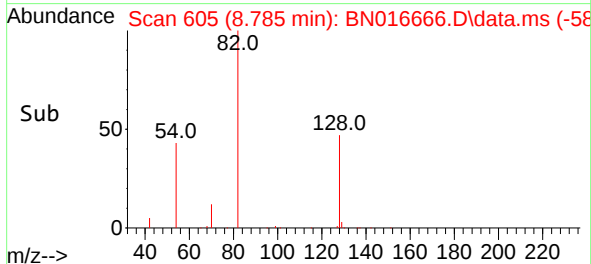
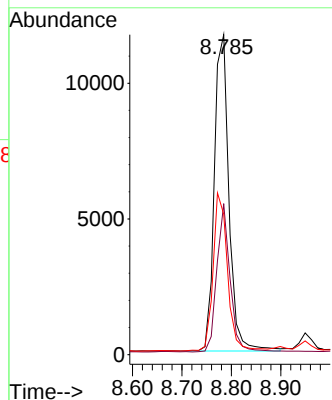
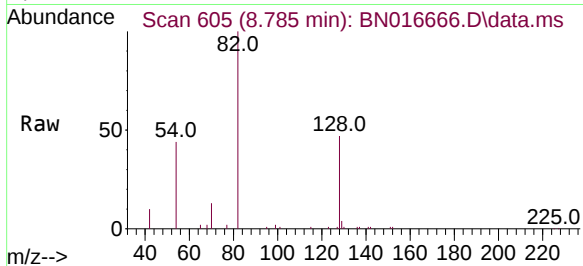




#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

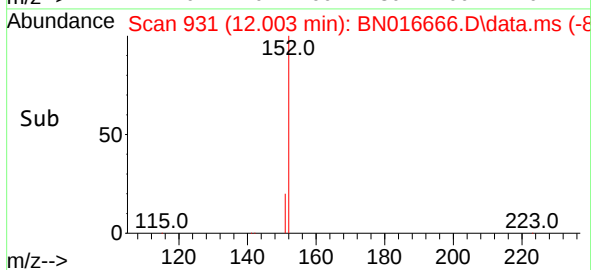
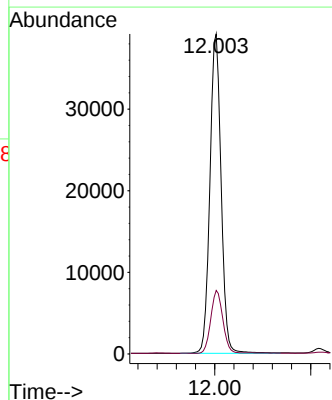
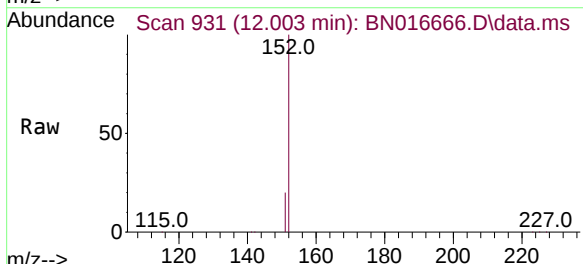
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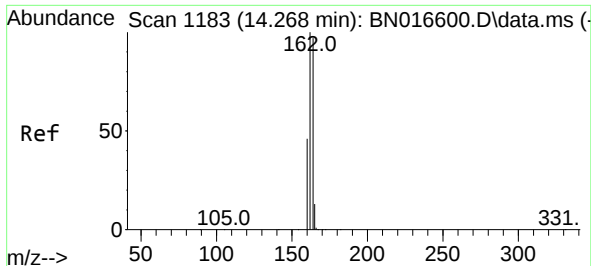
Tgt Ion:	82	Resp:	23893
Ion	Ratio	Lower	Upper
82	100		
128	47.2	33.6	50.4
54	43.9	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

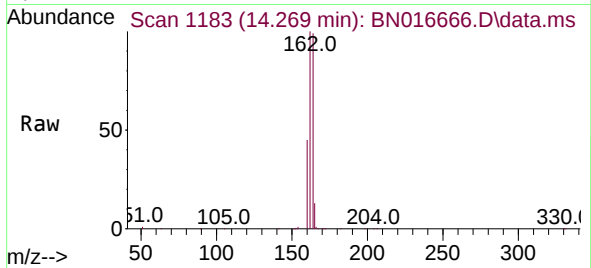
Tgt Ion:	152	Resp:	63434
Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.2	24.4



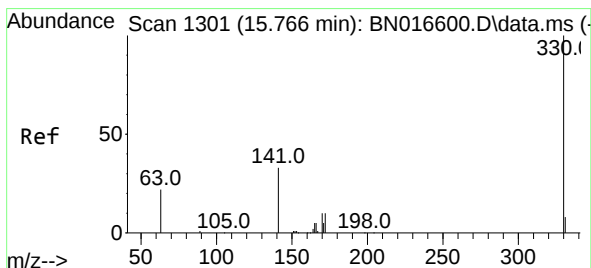
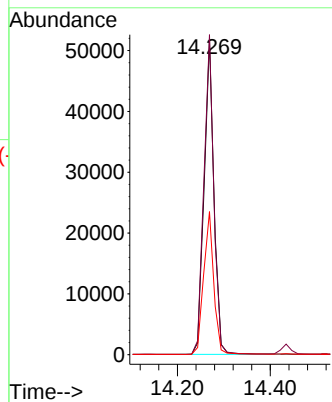
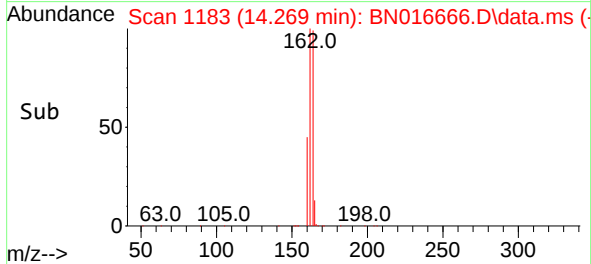


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

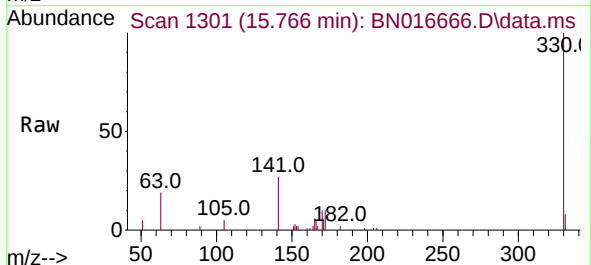
Instrument :
BNA_N
ClientSampleId :
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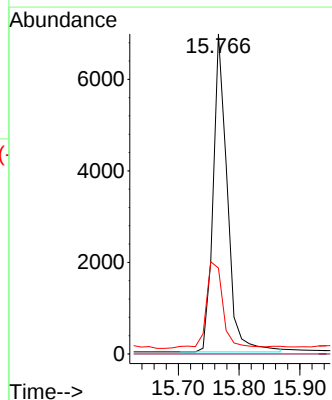
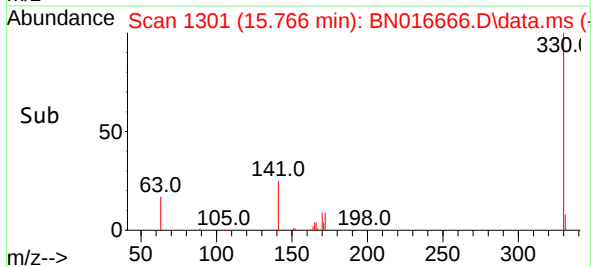
Tgt Ion:164 Resp: 76626
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 45.3 37.7 56.5

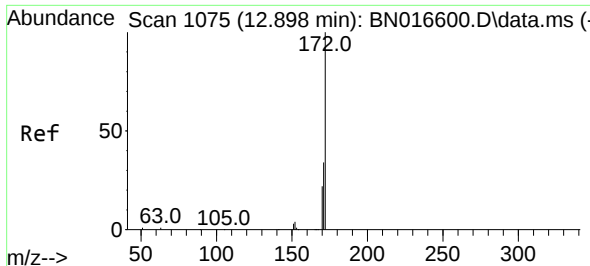


#14
2,4,6-Tribromophenol
Concen: 0.321 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08



Tgt Ion:330 Resp: 11192
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.8 25.2 37.8

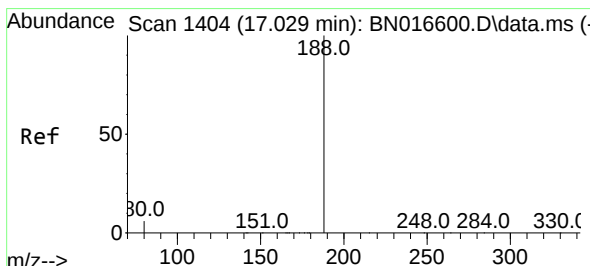
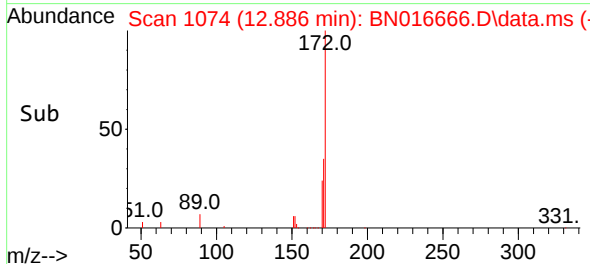
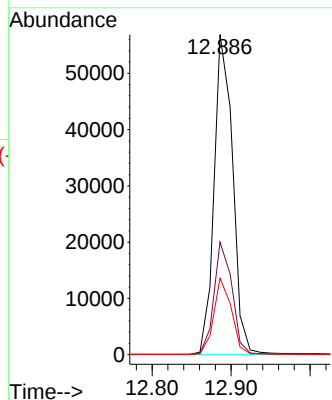
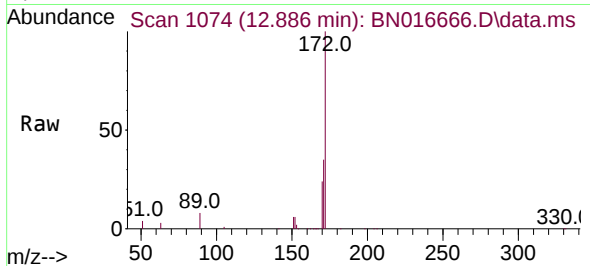




#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

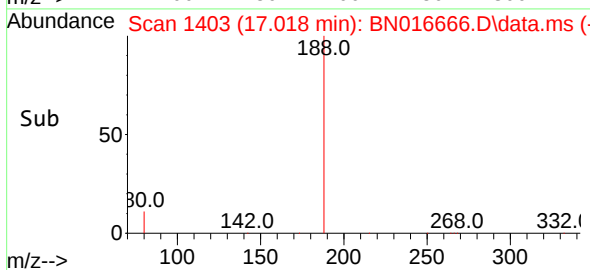
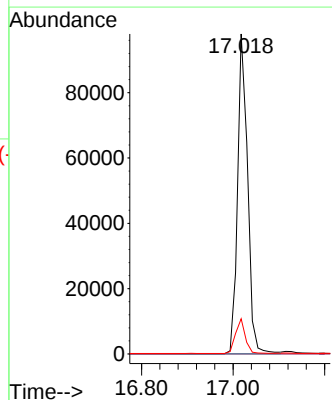
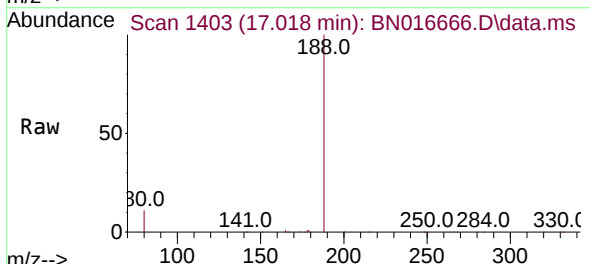
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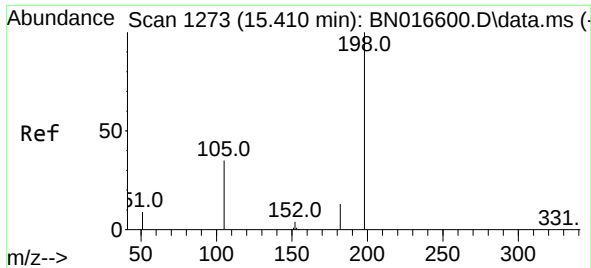
Tgt Ion:	172	Resp:	92643
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.0	40.4
170	23.9	17.4	26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:	188	Resp:	148139
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.0	5.0	7.6#

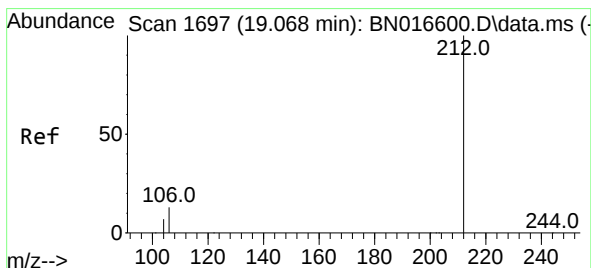
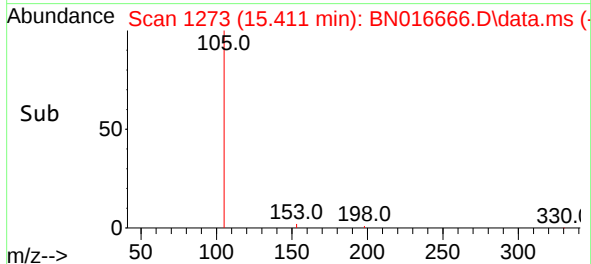
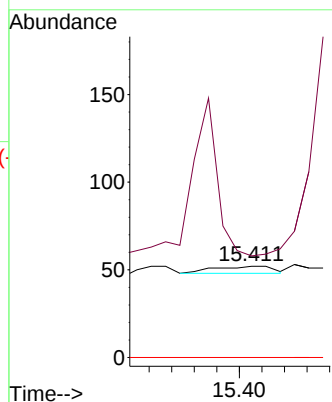
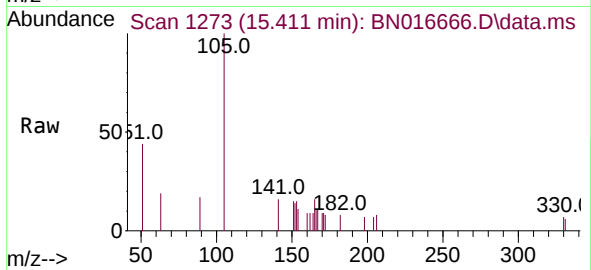




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.001 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

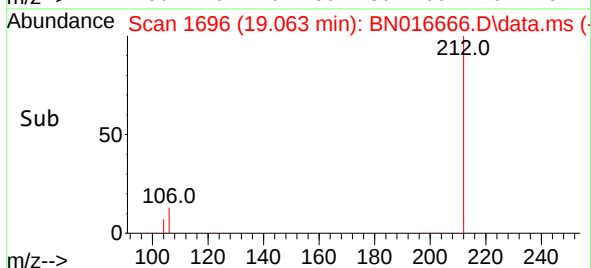
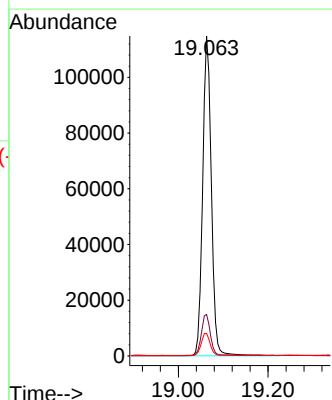
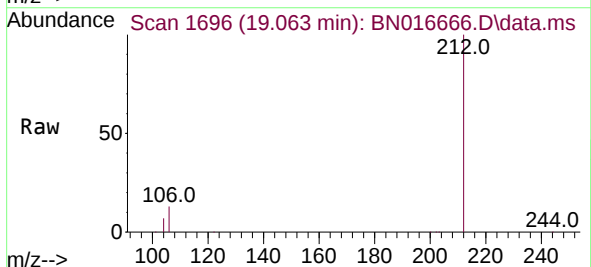
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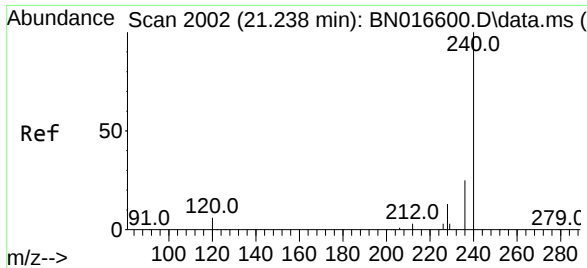
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 111.5 11.8 17.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:212 Resp: 154682
Ion Ratio Lower Upper
212 100
106 13.2 10.6 16.0
104 7.1 5.9 8.9

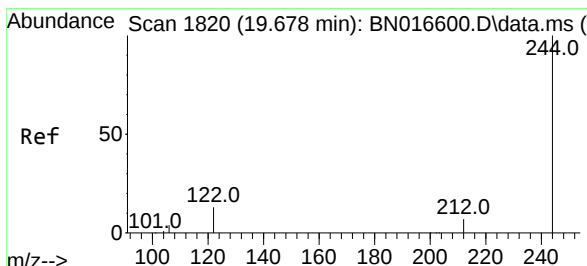
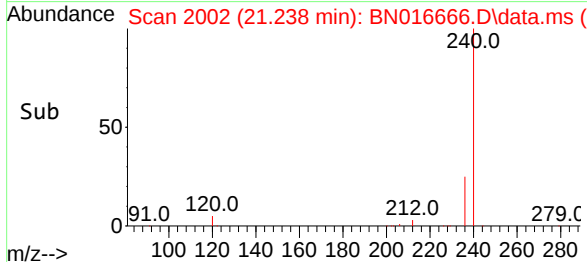
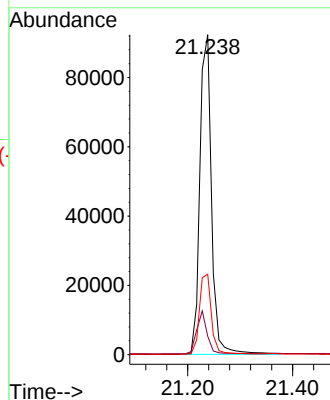
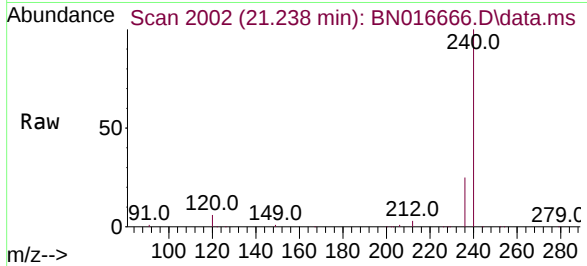




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

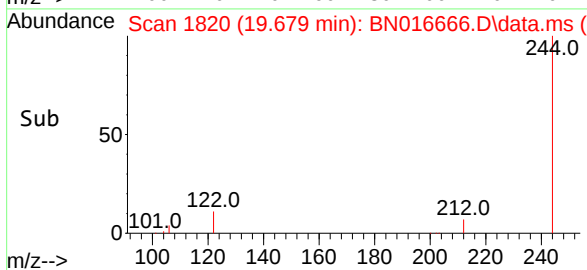
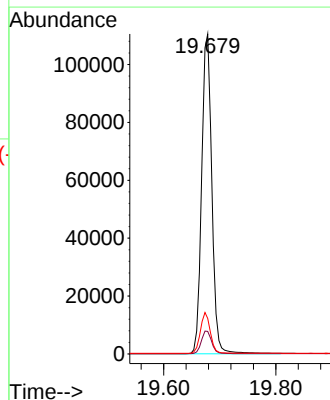
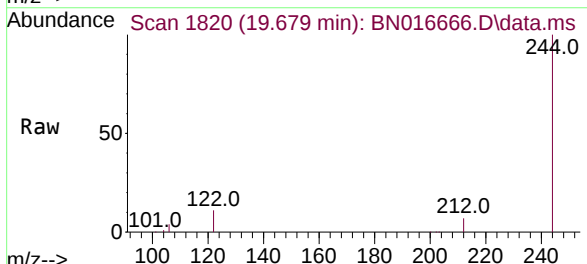
Instrument :
BNA_N
ClientSampleId :
RE114D1-20210916

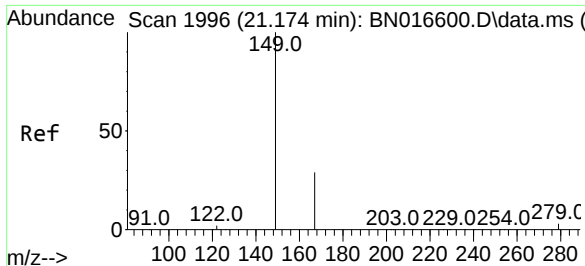
Tgt Ion:240 Resp: 143337
Ion Ratio Lower Upper
240 100
120 5.8 5.0 7.4
236 25.1 20.4 30.6



#31
Terphenyl-d14
Concen: 0.446 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

Tgt Ion:244 Resp: 138948
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 11.1 10.1 15.1

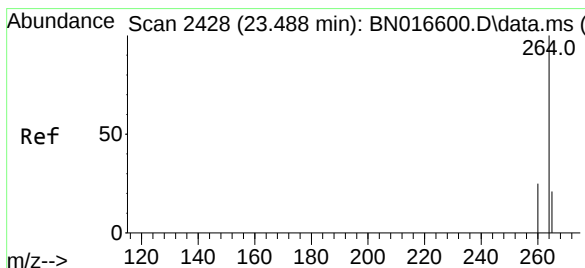
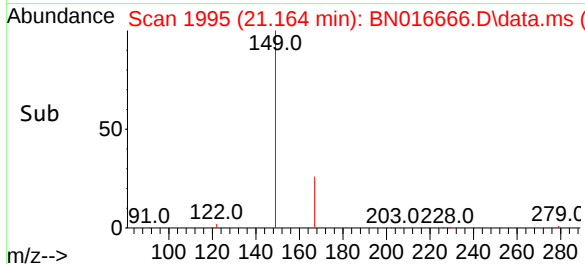
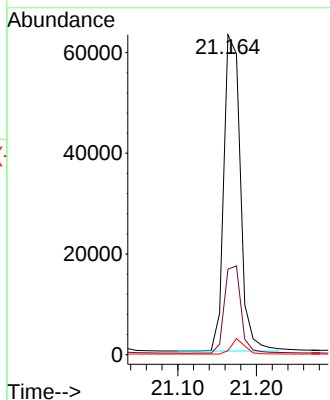
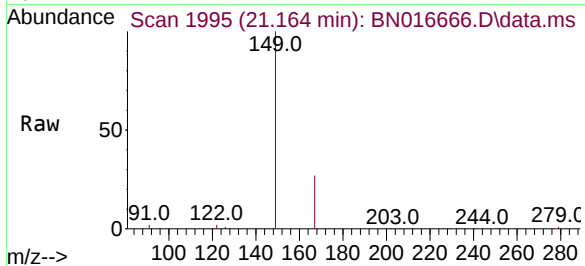




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.522 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016666.D
 Acq: 02 Oct 2021 11:08

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20210916

Tgt Ion:149 Resp: 91533
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.4
 279 4.0 3.2 4.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.485 min Scan# 2427
 Delta R.T. -0.003 min
 Lab File: BN016666.D
 Acq: 02 Oct 2021 11:08

Tgt Ion:264 Resp: 146837
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 22.7 19.2 28.8

