

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)

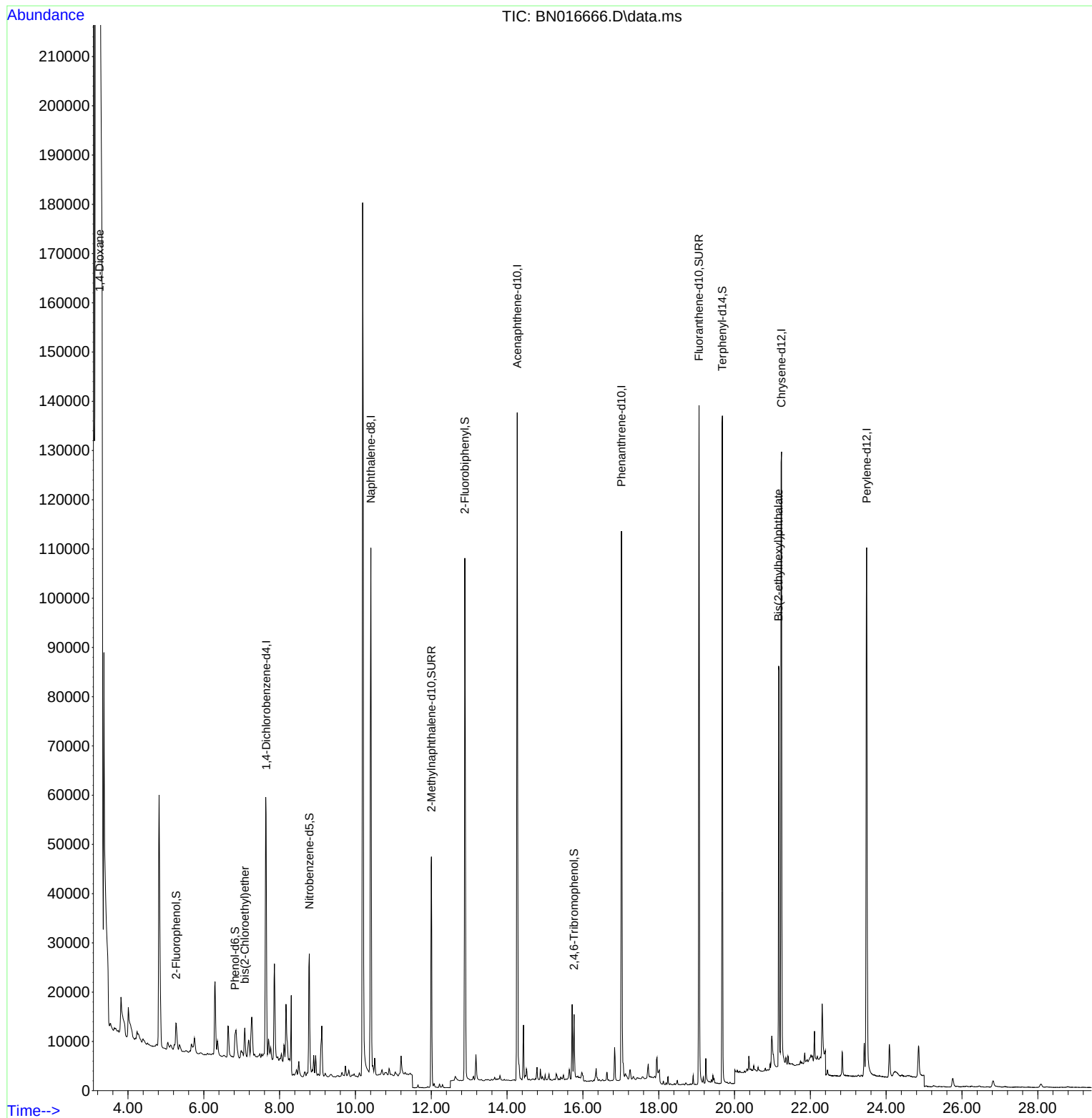
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	30997	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	141608	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	76626	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	148139	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	143337	0.40	ng	0.00
35) Perylene-d12	23.485	264	146837	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7657	0.10	ng	0.02
5) Phenol-d6	6.822	99	4785	0.06	ng	0.00
8) Nitrobenzene-d5	8.785	82	23893	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	63434	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11192	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	92643	0.30	ng	-0.01
27) Fluoranthene-d10	19.063	212	154682	0.39	ng	0.00
31) Terphenyl-d14	19.679	244	138948	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	41912	2.94	ng	# 86
6) bis(2-Chloroethyl)ether	7.080	93	4894	0.06	ng	100
34) Bis(2-ethylhexyl)phtha...	21.164	149	91533	0.52	ng	100

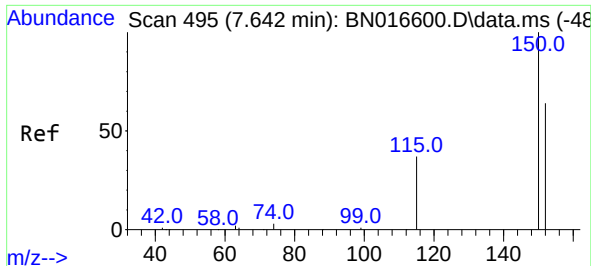
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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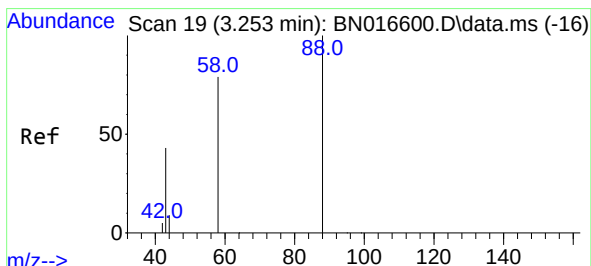
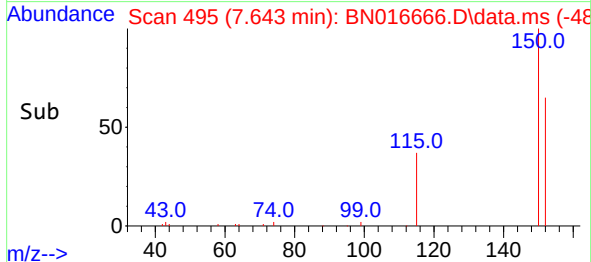
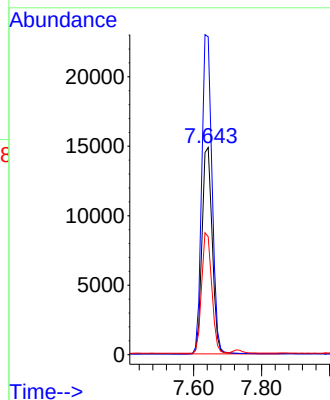
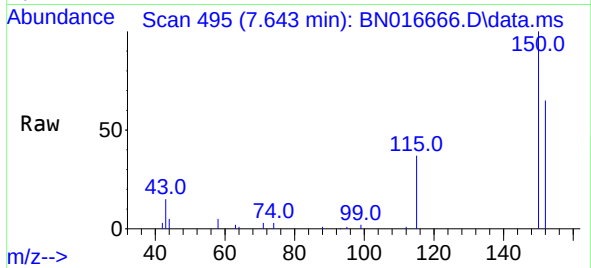




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.643 min Scan# 495
Delta R.T. 0.001 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

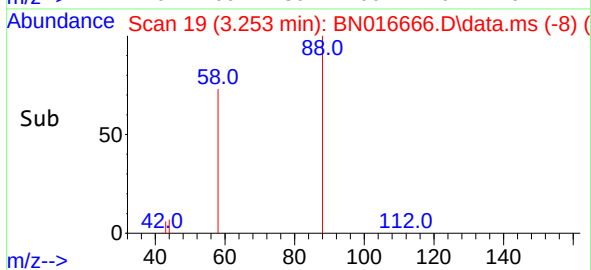
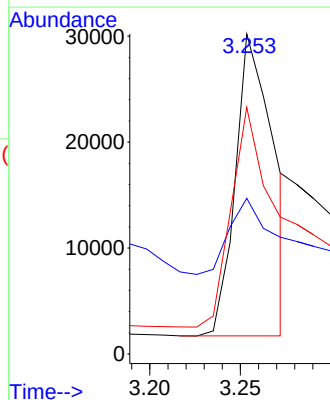
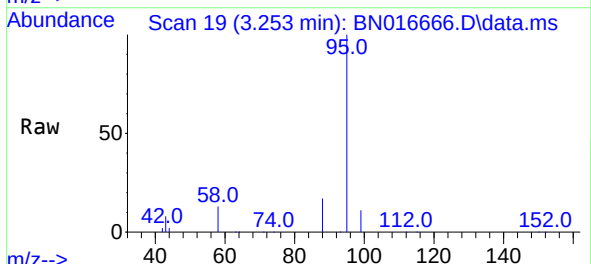
Instrument :
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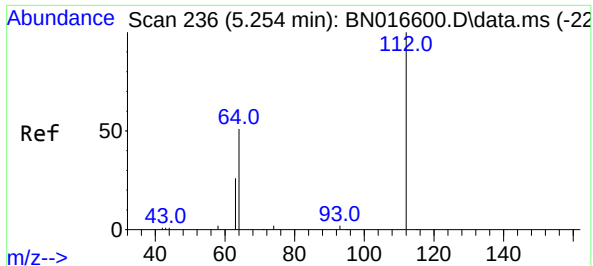
Tgt Ion:152 Resp: 30997
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 56.9 46.5 69.7



#2
1,4-Dioxane
Concen: 2.94 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

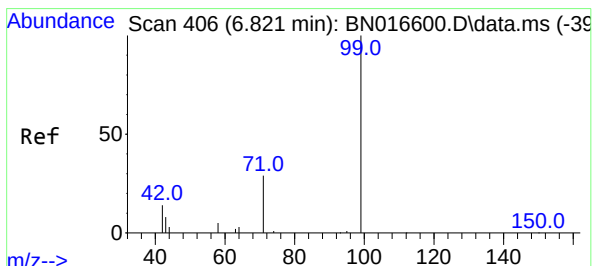
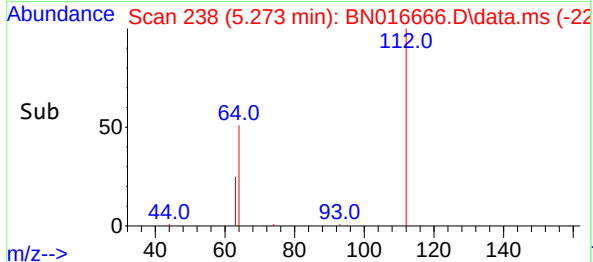
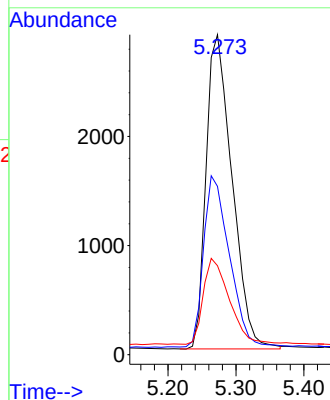
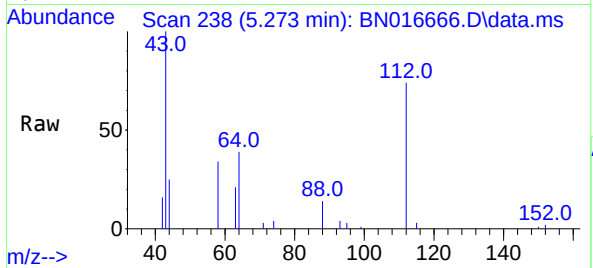




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

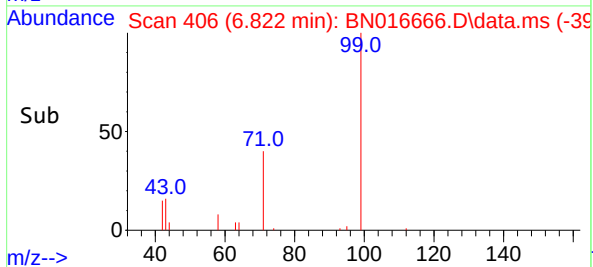
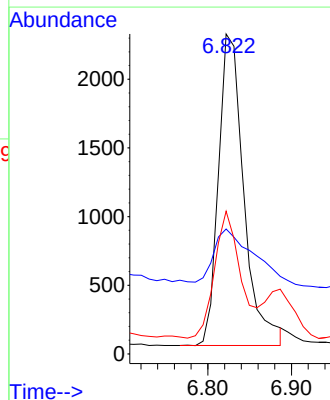
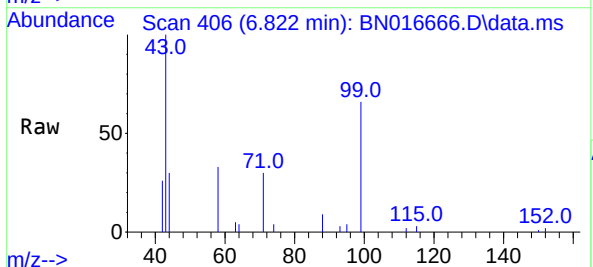
Instrument :
BNA_N
ClientSampleId :
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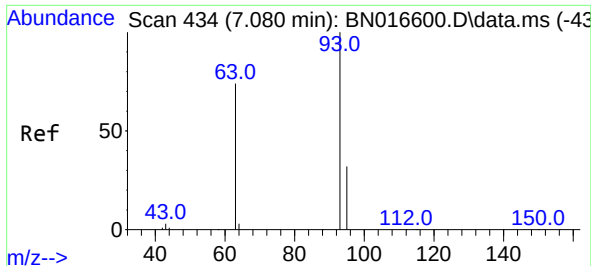
Tgt Ion:112 Resp: 7657
Ion Ratio Lower Upper
112 100
64 54.4 43.1 64.7
63 27.2 21.6 32.4



#5
Phenol-d6
Concen: 0.06 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#

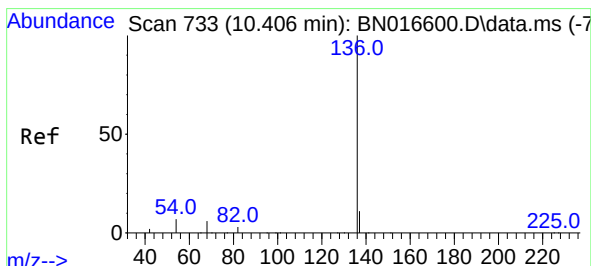
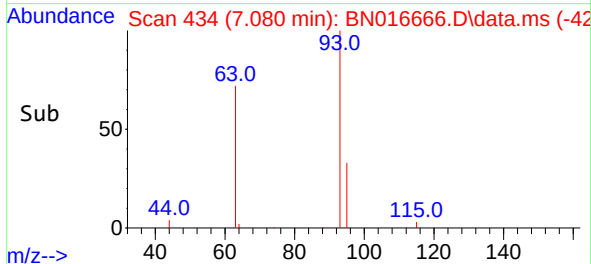
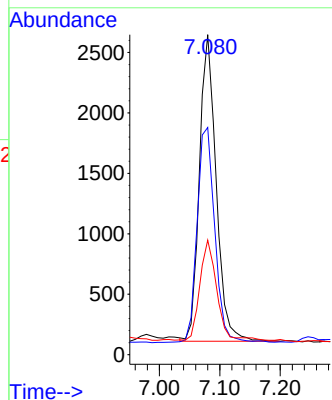
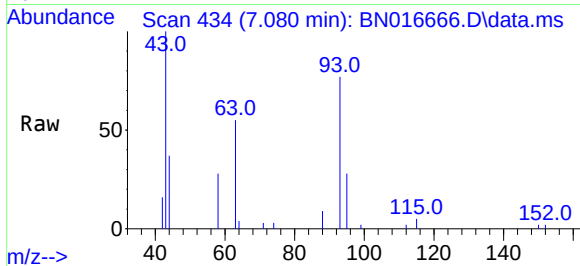




#6
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

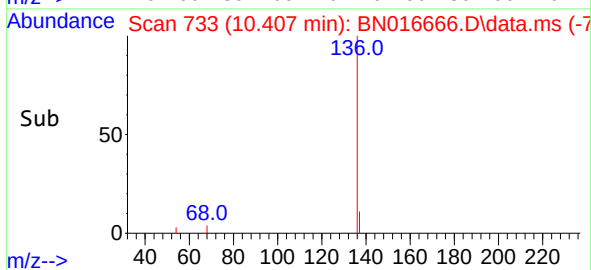
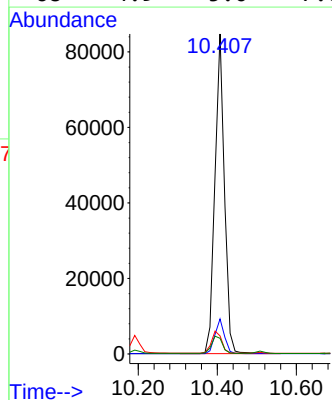
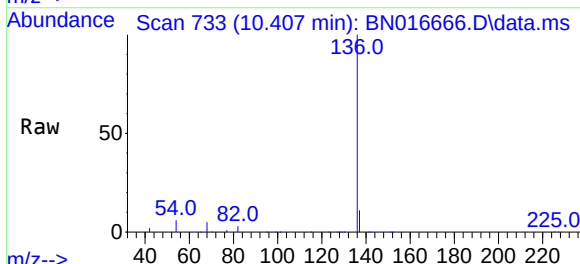
Instrument :
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ClientSampleId :
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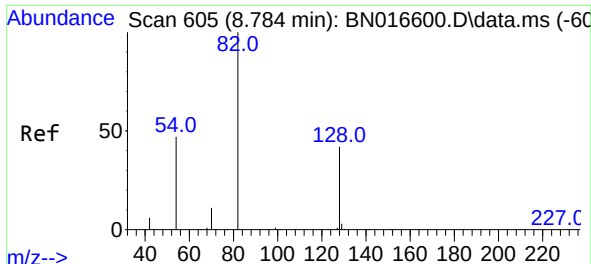
Tgt Ion: 93	Resp: 4894
Ion Ratio	Lower Upper
93 100	
63 73.9	59.1 88.7
95 32.7	26.2 39.4



#7
Naphthalene-d8
Concen: 0.40 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#

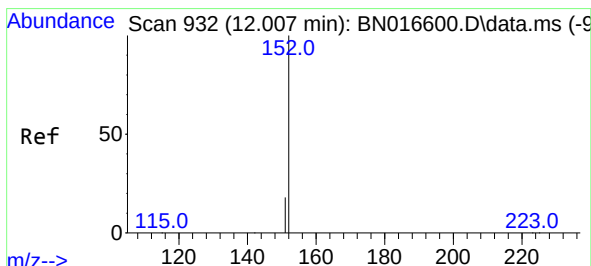
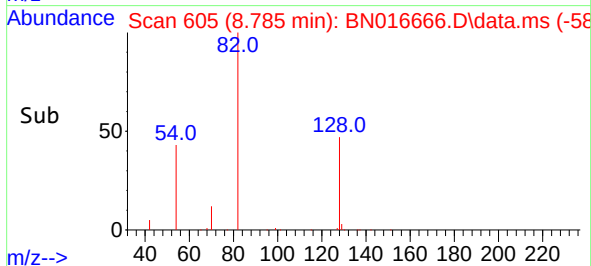
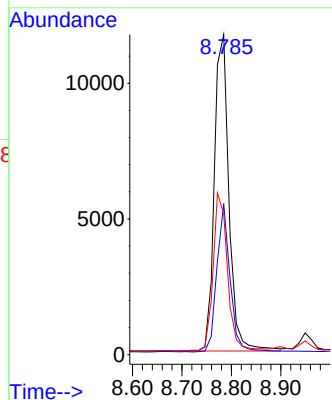
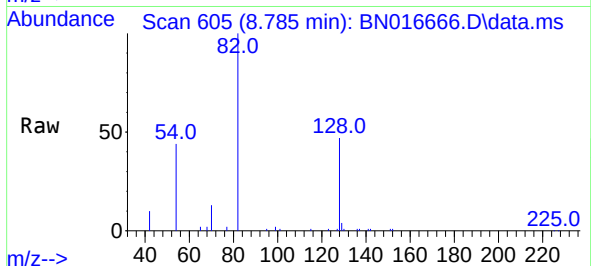




#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

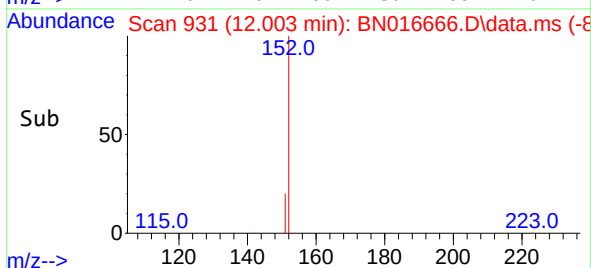
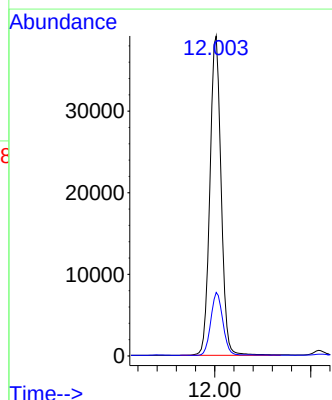
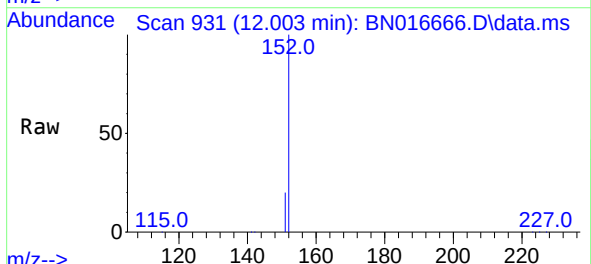
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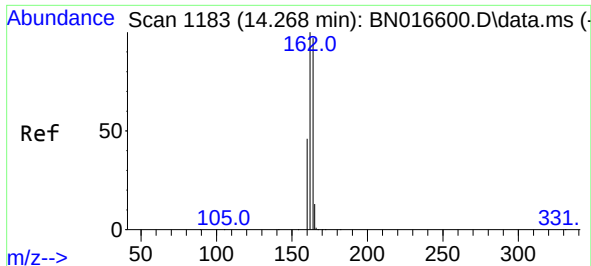
Tgt Ion: 82 Resp: 23893
Ion Ratio Lower Upper
82 100
128 47.2 33.6 50.4
54 43.9 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.30 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

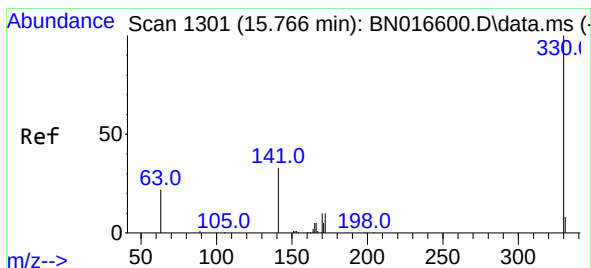
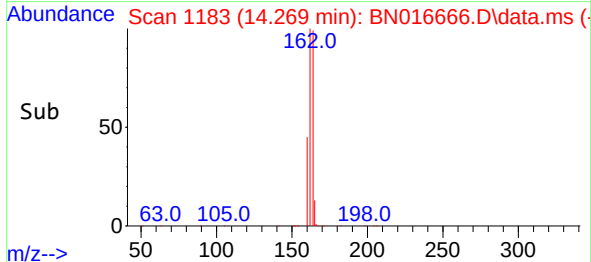
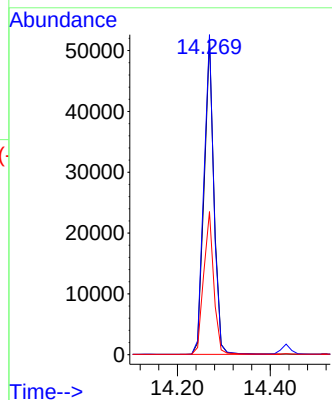
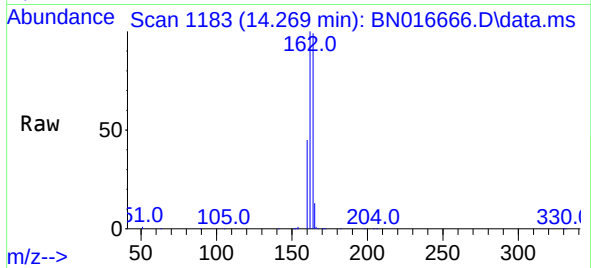




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

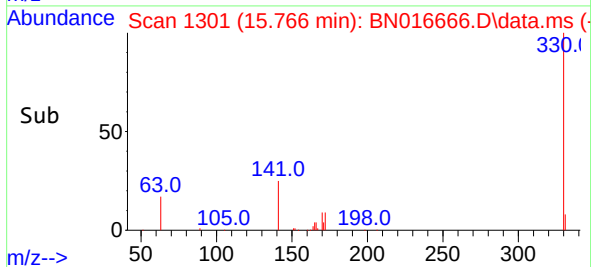
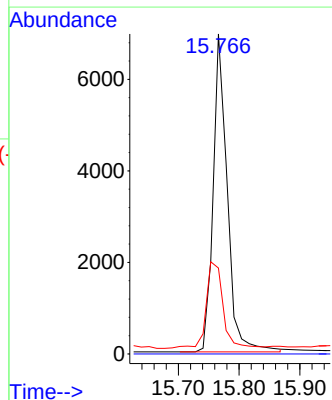
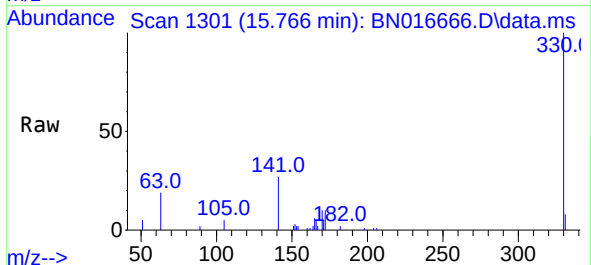
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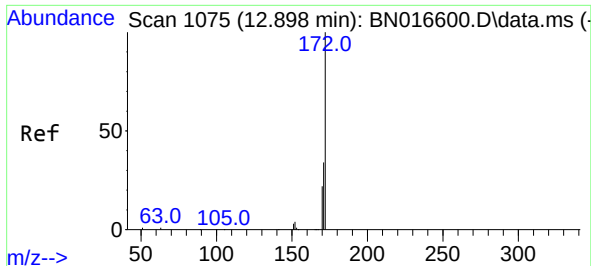
Tgt Ion:164 Resp: 76626
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 45.3 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.32 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

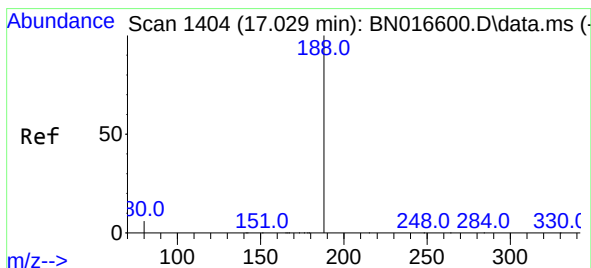
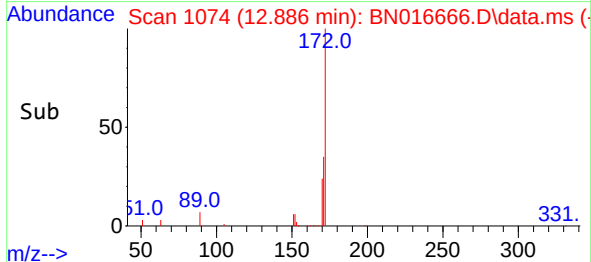
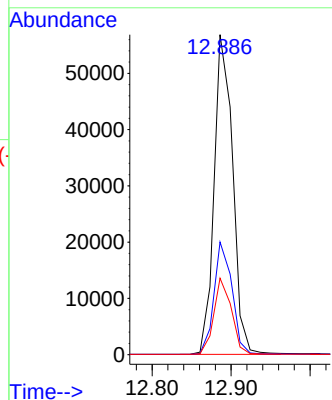
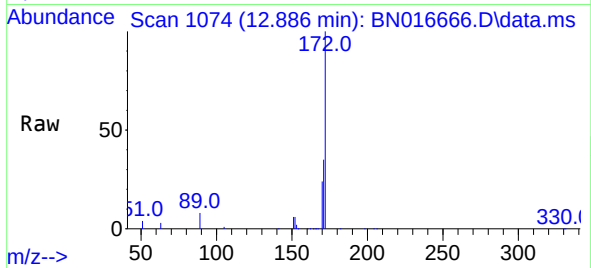




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

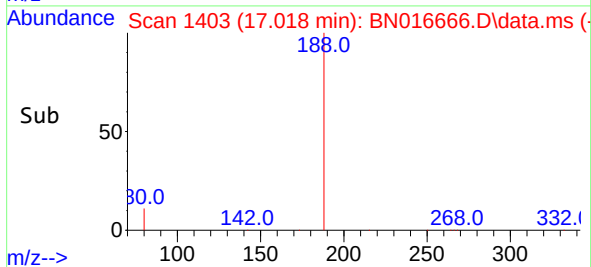
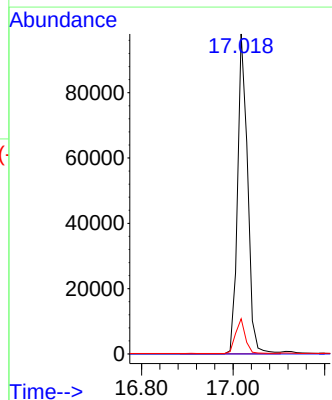
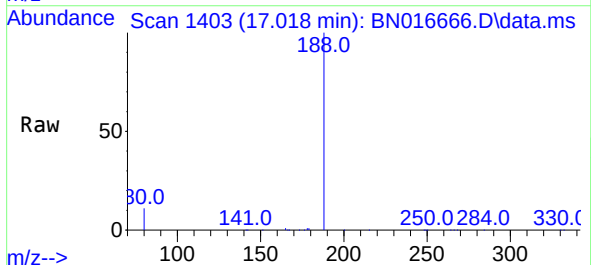
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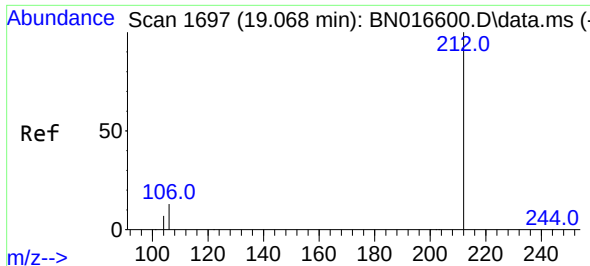
Tgt Ion:	172	Resp:	92643
Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.0	40.4
170	23.9	17.4	26.2



#19
Phenanthrene-d10
Concen: 0.40 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#

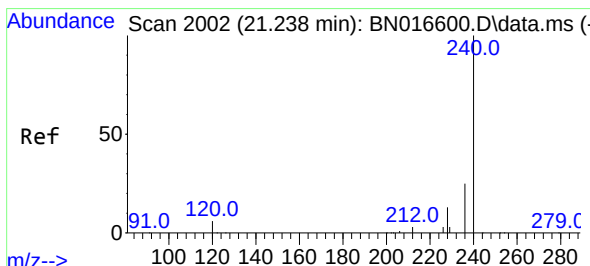
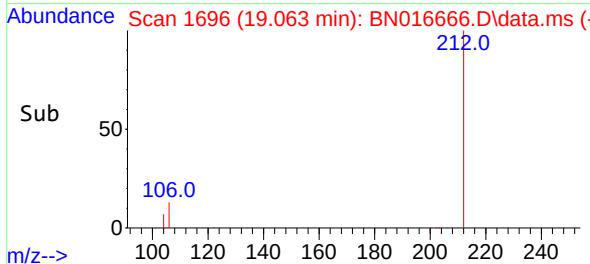
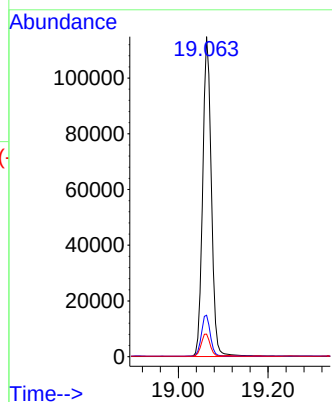
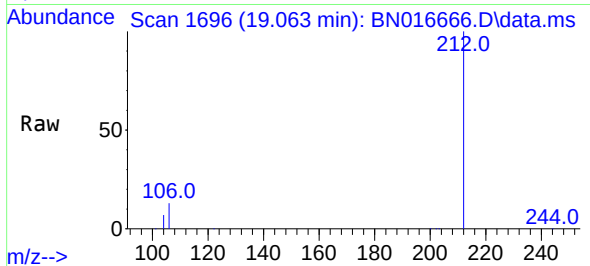




#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

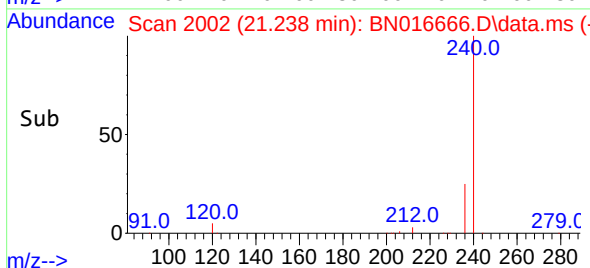
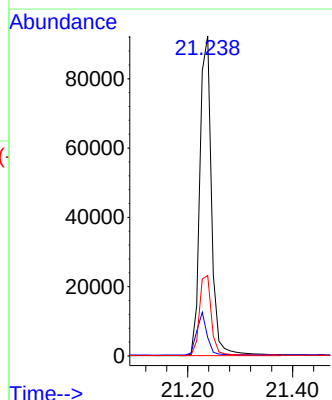
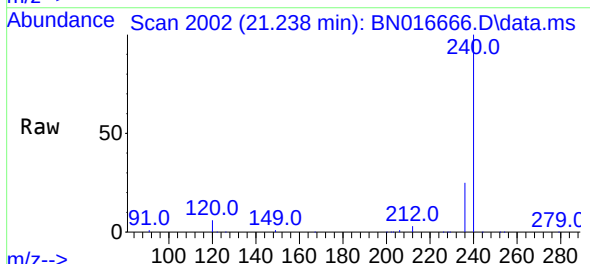
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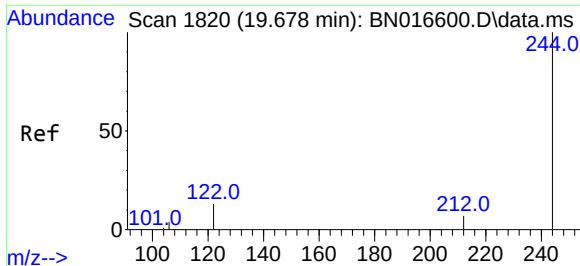
Tgt Ion:212 Resp: 154682
Ion Ratio Lower Upper
212 100
106 13.2 10.6 16.0
104 7.1 5.9 8.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016666.D
Acq: 02 Oct 2021 11:08

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

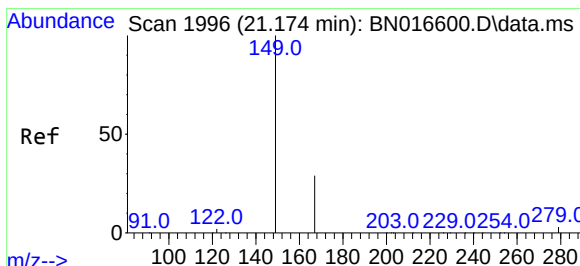
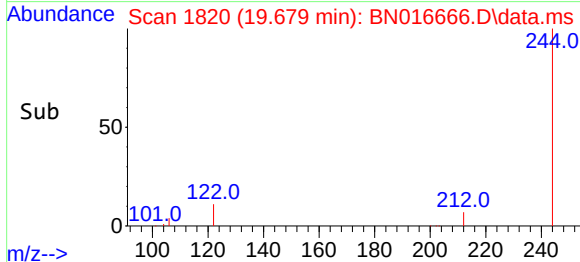
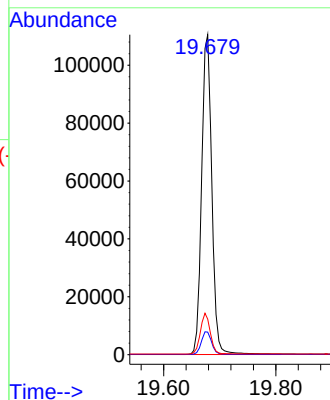
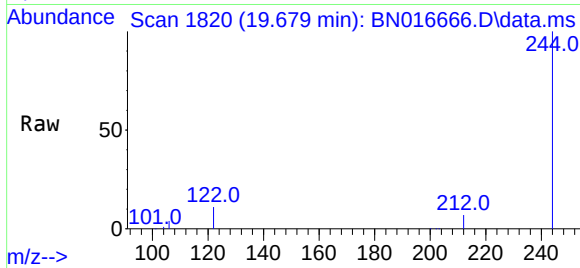




#31
 Terphenyl-d14
 Concen: 0.45 ng
 RT: 19.679 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016666.D
 Acq: 02 Oct 2021 11:08

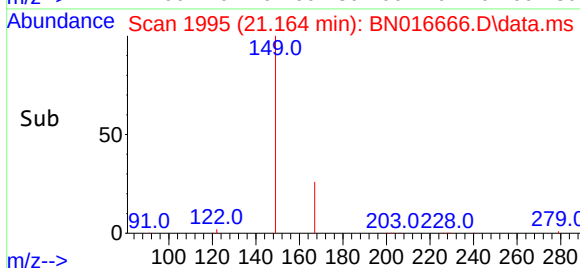
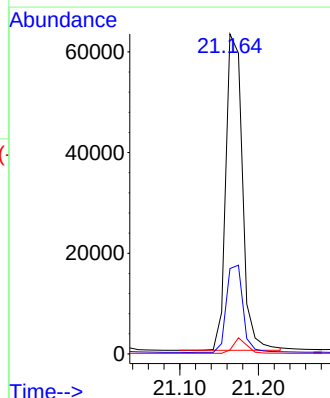
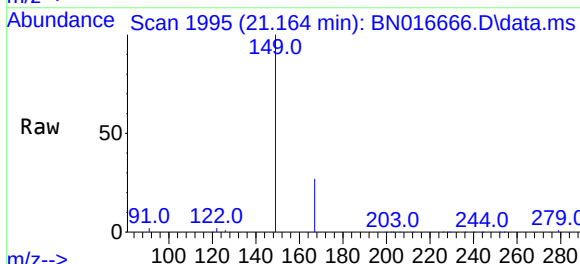
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20210916

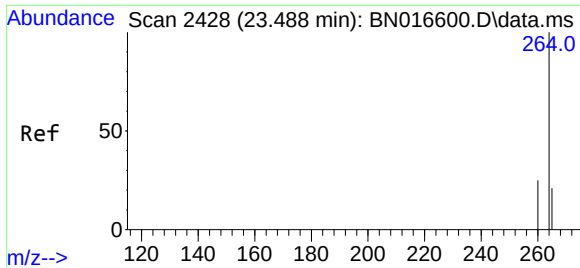
Tgt Ion:244 Resp: 138948
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.1 10.1 15.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.52 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016666.D
 Acq: 02 Oct 2021 11:08

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

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20210916

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

