

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
 Data File : BN016042.D
 Acq On : 24 Aug 2021 22:05
 Operator : CG/JU
 Sample : M3446-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW6B-GW-20210816

Quant Time: Aug 25 04:19:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 14:26:02 2021
 Response via : Initial Calibration

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

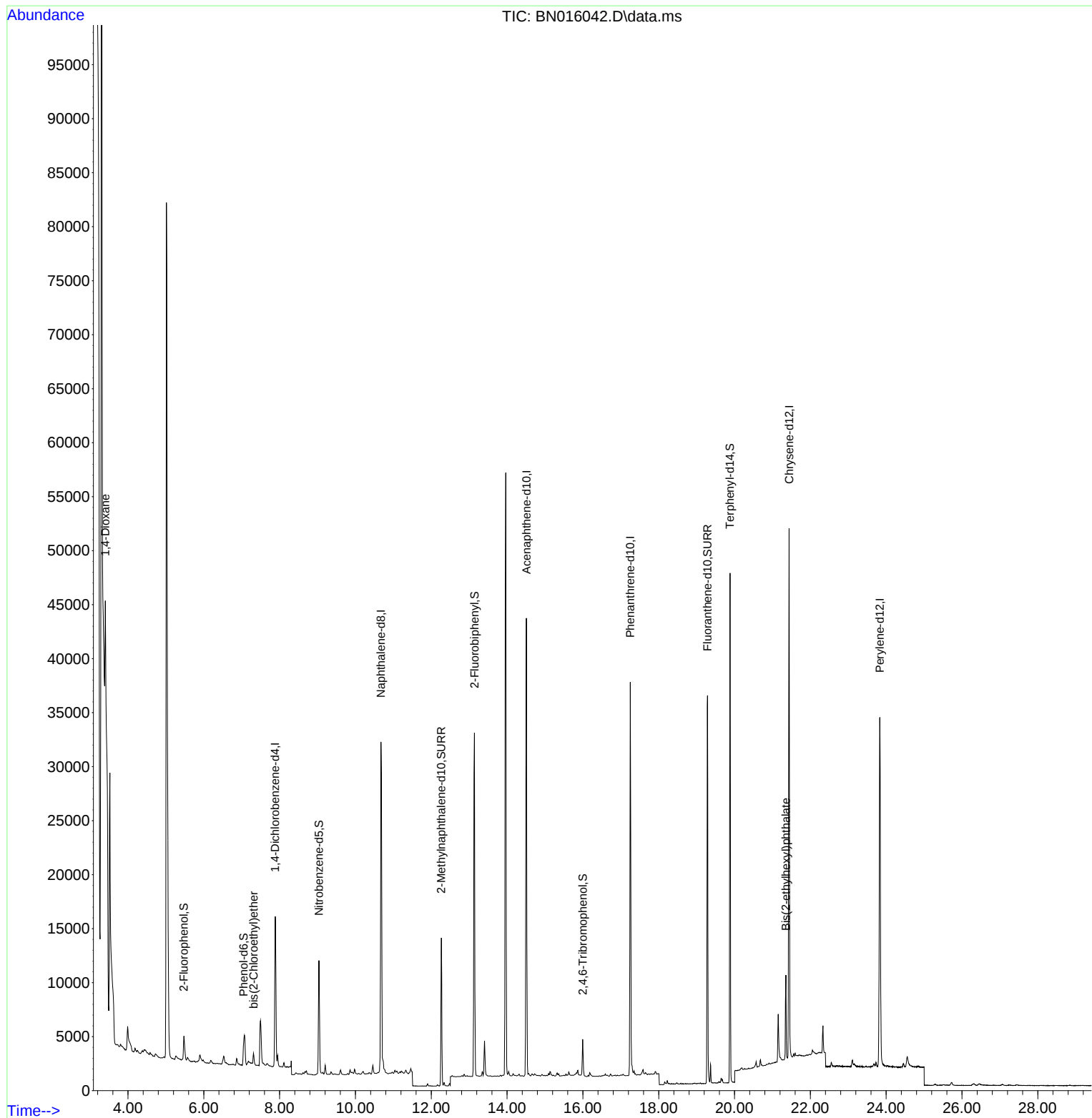
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	8453	0.400	ng	0.00
7) Naphthalene-d8	10.673	136	46364	0.400	ng	#-0.01
13) Acenaphthene-d10	14.510	164	25700	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	49796	0.400	ng	0.00
29) Chrysene-d12	21.440	240	49591	0.400	ng	# 0.00
35) Perylene-d12	23.834	264	48542	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.476	112	2650	0.131	ng	0.02
5) Phenol-d6	7.052	99	2141	0.076	ng	0.00
8) Nitrobenzene-d5	9.038	82	9587	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	12.265	152	18716	0.268	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	2647	0.363	ng	0.00
15) 2-Fluorobiphenyl	13.140	172	31191	0.301	ng	0.00
27) Fluoranthene-d10	19.286	212	44125	0.314	ng	0.00
31) Terphenyl-d14	19.882	244	49724	0.409	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.401	88	9159	1.974	ng	Qvalue 90
6) bis(2-Chloroethyl)ether	7.310	93	990	0.042	ng	98
34) Bis(2-ethylhexyl)phtha...	21.355	149	7542	0.188	ng	99

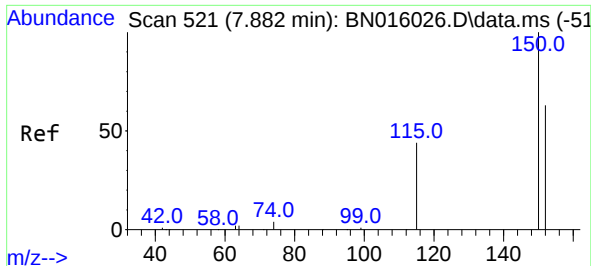
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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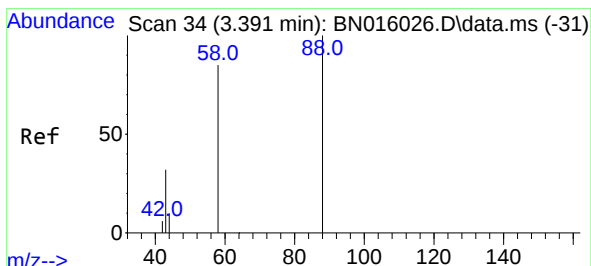
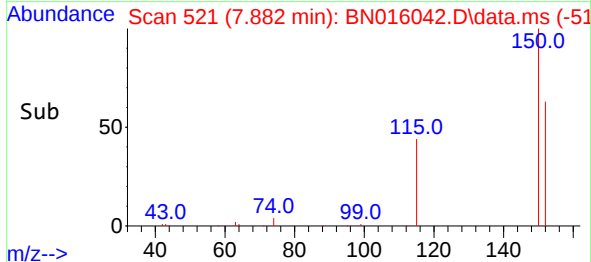
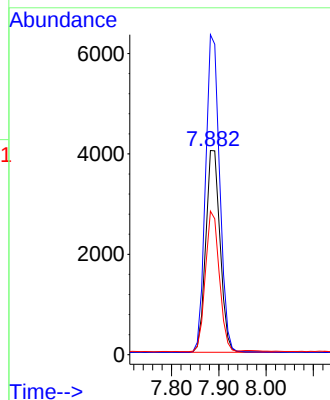
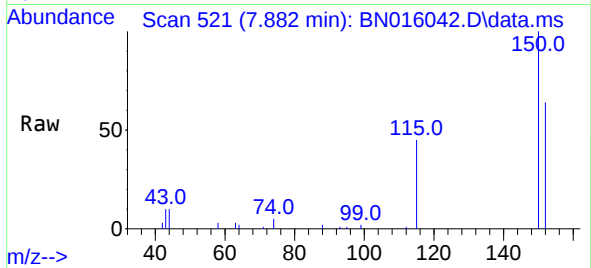


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.882 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: BN016042.D
 Acq: 24 Aug 2021 22:05

Instrument :
 BNA_N
 ClientSampleId :
 RW6B-GW-20210816

Tgt Ion: 152 Resp: 8453

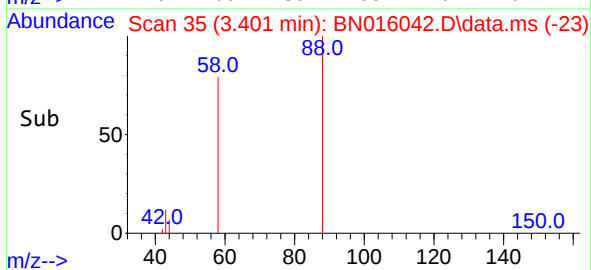
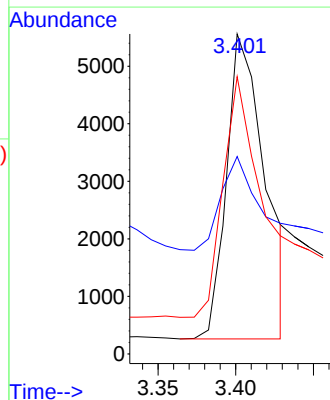
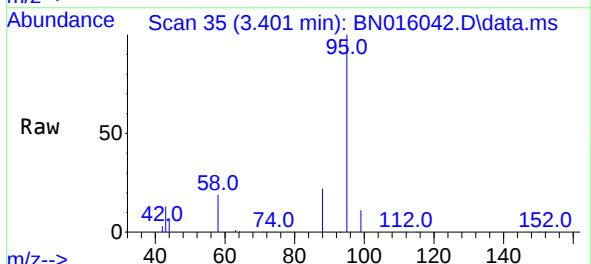
Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.5	189.7
115	70.3	56.5	84.7

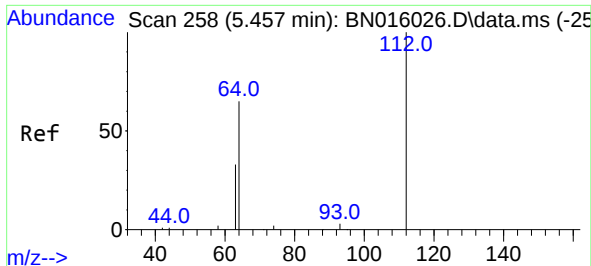


#2
 1,4-Dioxane
 Concen: 1.974 ng
 RT: 3.401 min Scan# 35
 Delta R.T. 0.010 min
 Lab File: BN016042.D
 Acq: 24 Aug 2021 22:05

Tgt Ion: 88 Resp: 9159

Ion	Ratio	Lower	Upper
88	100		
43	29.9	21.0	31.4
58	77.2	54.8	82.2

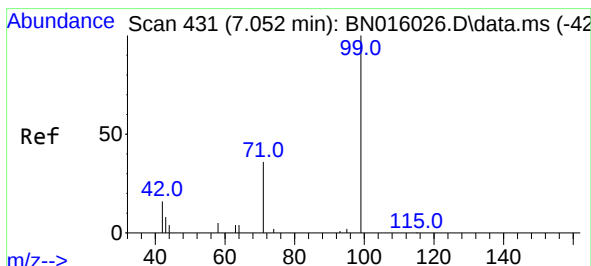
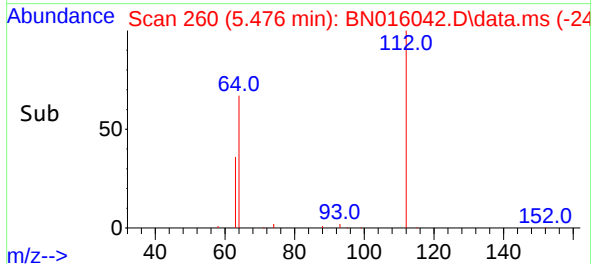
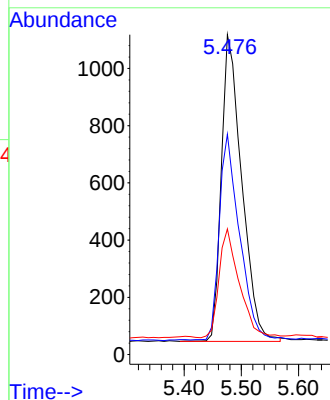
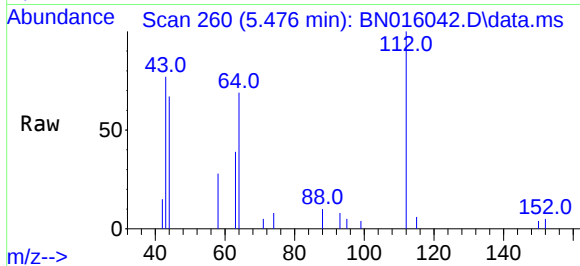




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.476 min Scan# 260
Delta R.T. 0.019 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

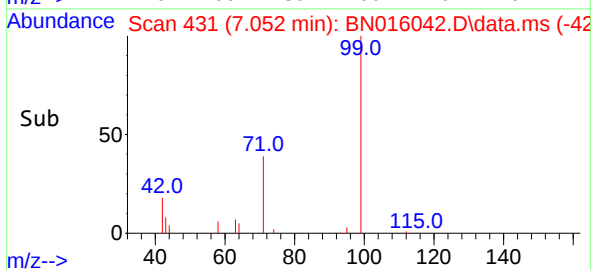
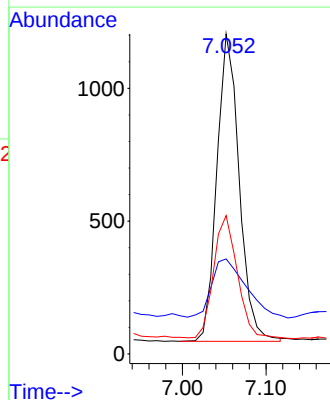
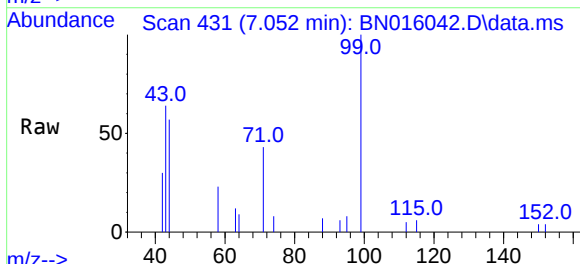
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ClientSampleId :
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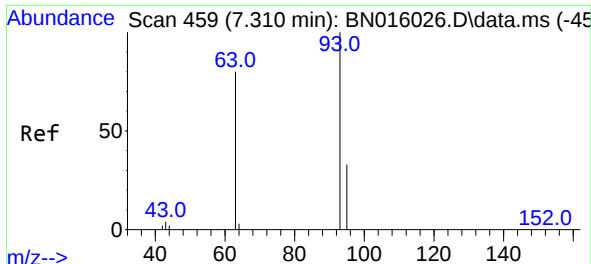
Tgt Ion:	112	Resp:	2650
Ion	Ratio	Lower	Upper
112	100		
64	66.2	52.5	78.7
63	35.3	26.9	40.3



#5
Phenol-d6
Concen: 0.076 ng
RT: 7.052 min Scan# 431
Delta R.T. 0.000 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

Tgt Ion:	99	Resp:	2141
Ion	Ratio	Lower	Upper
99	100		
42	28.5	15.6	23.4#
71	41.9	29.8	44.8

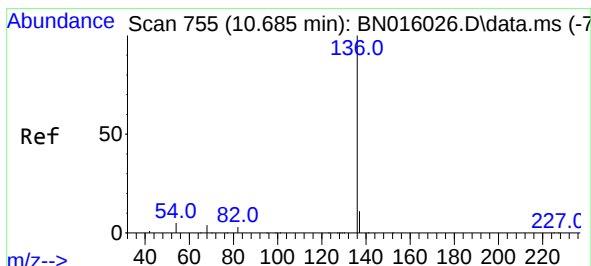
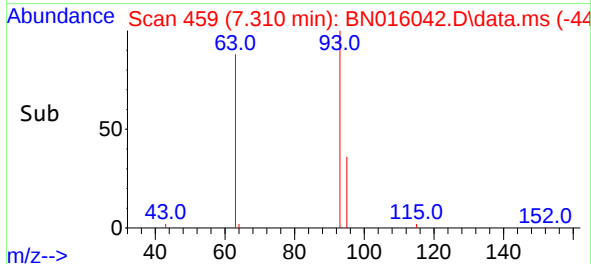
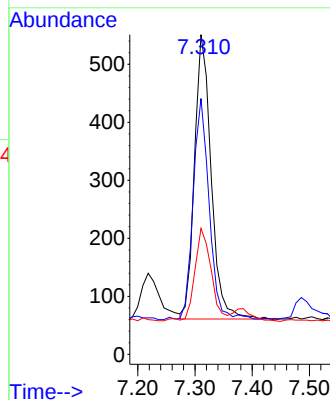
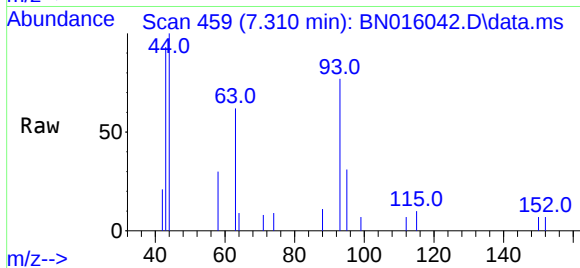




#6
bis(2-Chloroethyl)ether
Concen: 0.042 ng
RT: 7.310 min Scan# 459
Delta R.T. 0.000 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

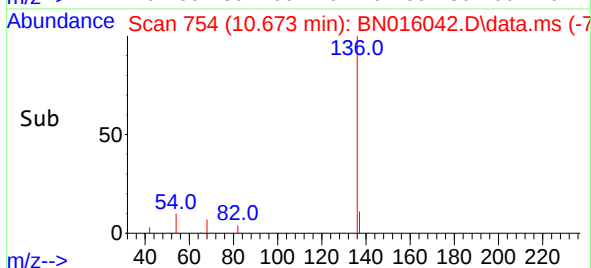
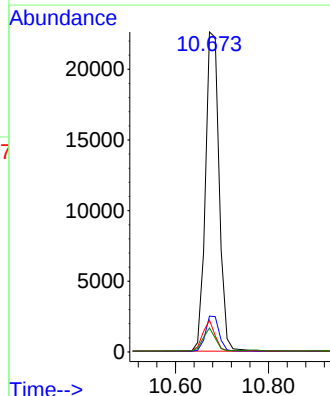
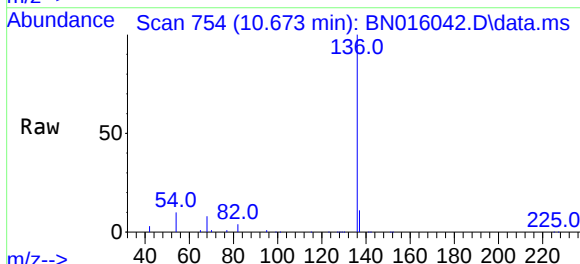
Instrument :
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ClientSampleId :
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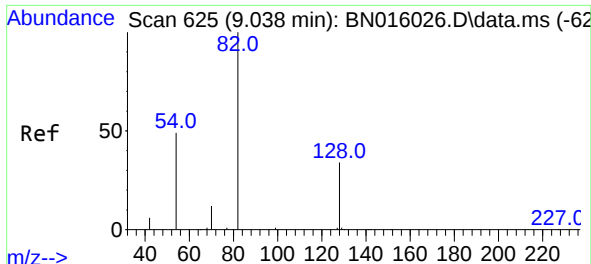
Tgt Ion:	93	Resp:	990
Ion	Ratio	Lower	Upper
93	100		
63	75.4	62.0	93.0
95	32.1	26.2	39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.673 min Scan# 754
Delta R.T. -0.012 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

Tgt Ion:	136	Resp:	46364
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	4.2	6.4#
68	7.5	3.4	5.2#

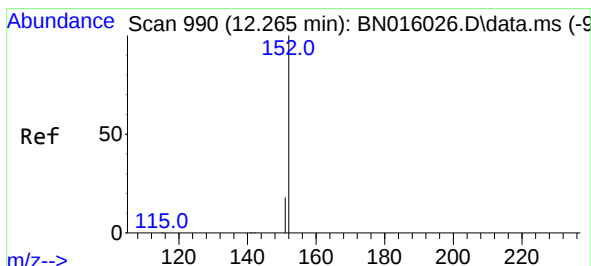
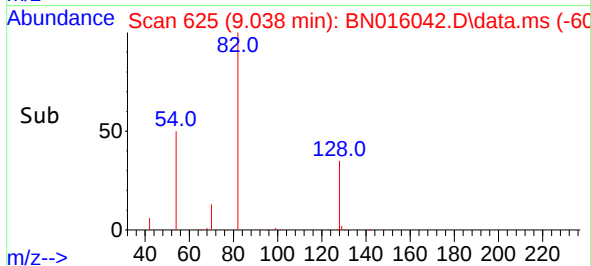
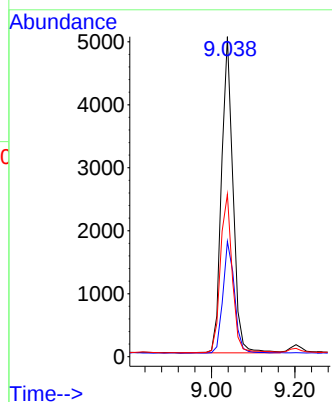
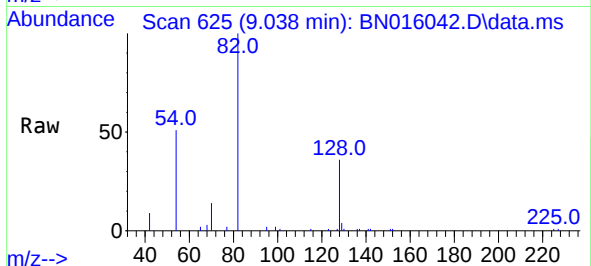




#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 9.038 min Scan# 625
Delta R.T. 0.000 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

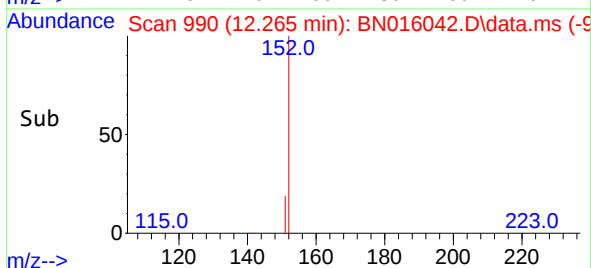
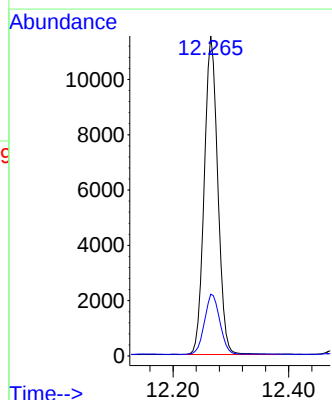
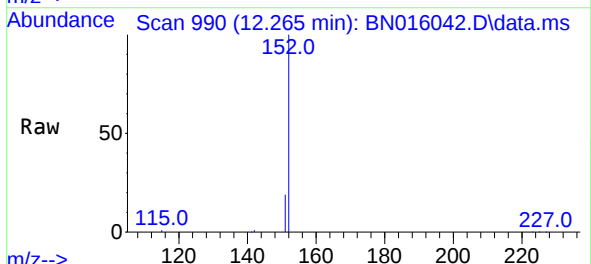
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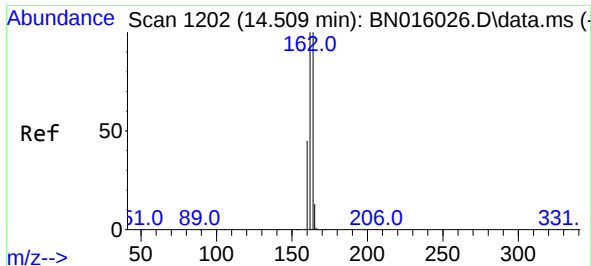
Tgt Ion: 82 Resp: 9587
Ion Ratio Lower Upper
82 100
128 36.0 27.7 41.5
54 50.7 39.4 59.2



#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.265 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

Tgt Ion: 152 Resp: 18716
Ion Ratio Lower Upper
152 100
151 21.4 16.6 24.8

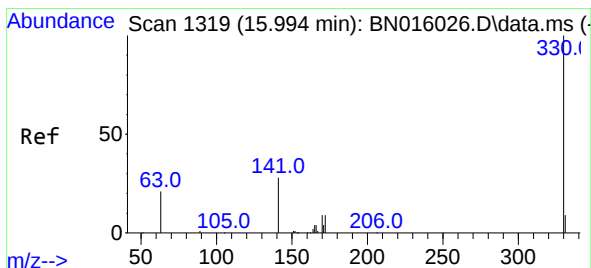
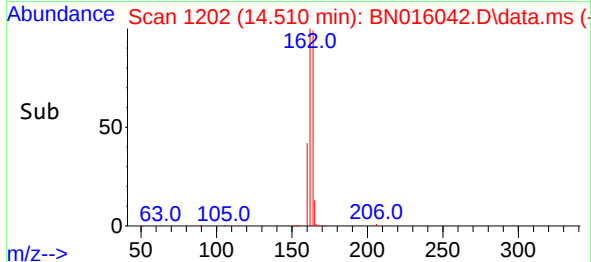
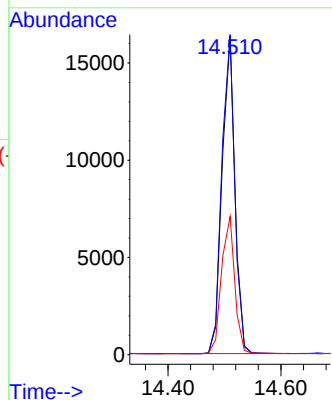
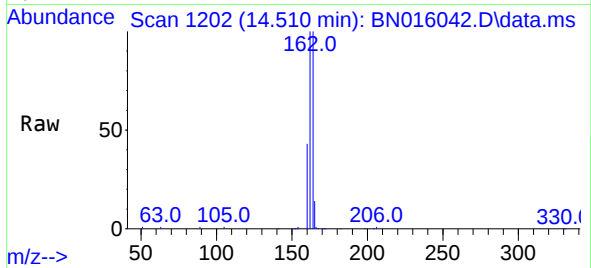




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.510 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

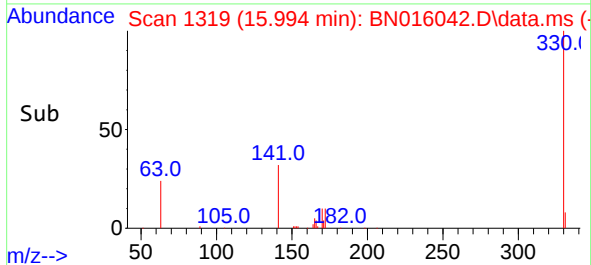
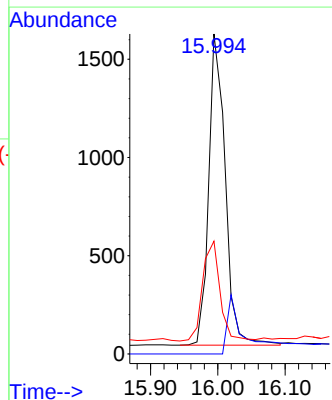
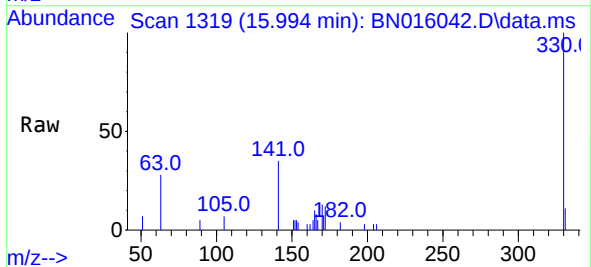
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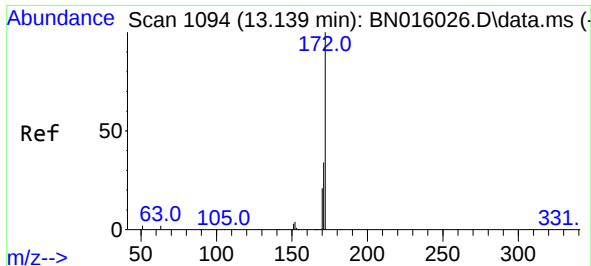
Tgt Ion:164 Resp: 25700
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.4
160 43.4 35.9 53.9



#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

Tgt Ion:330 Resp: 2647
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.2 24.6 36.8

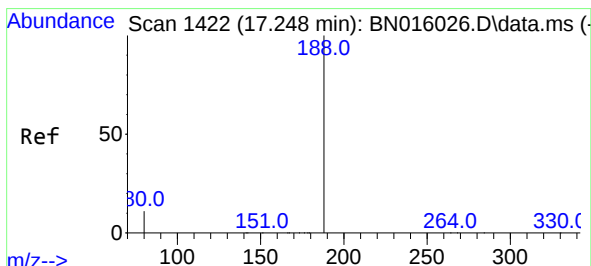
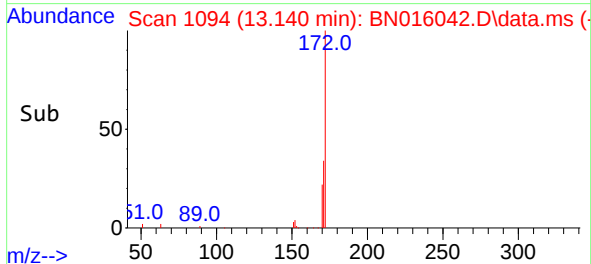
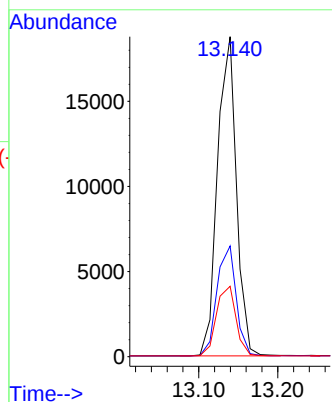
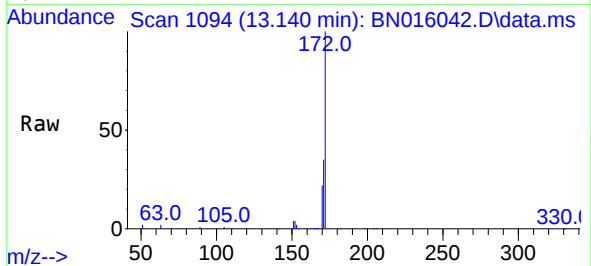




#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.140 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

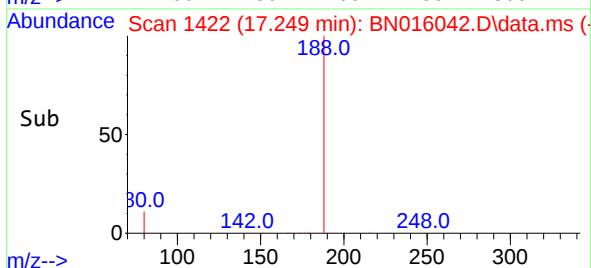
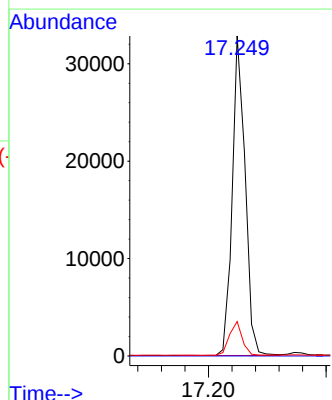
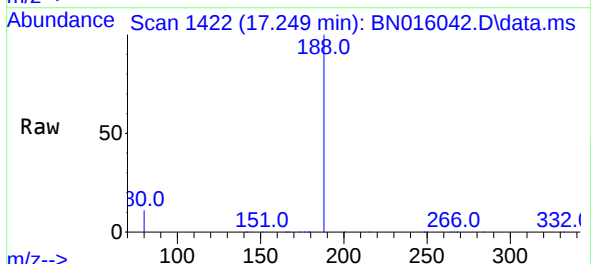
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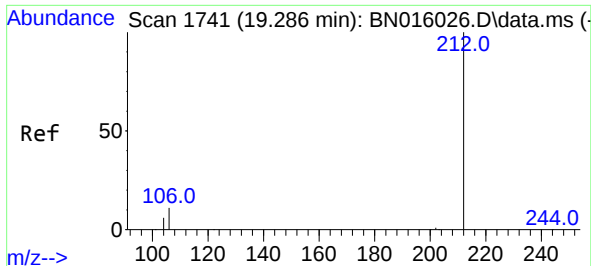
Tgt Ion:172 Resp: 31191
Ion Ratio Lower Upper
172 100
171 34.6 27.1 40.7
170 22.0 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

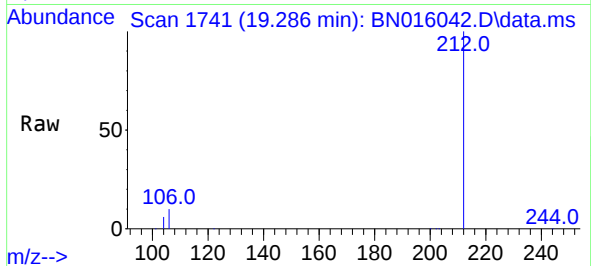
Tgt Ion:188 Resp: 49796
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 9.0 13.6



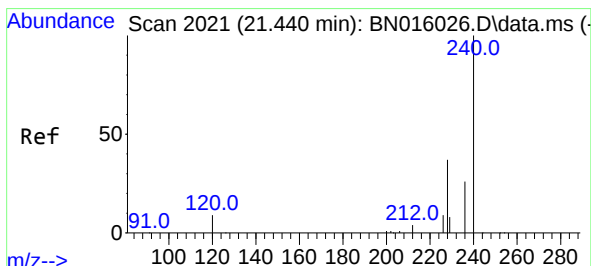
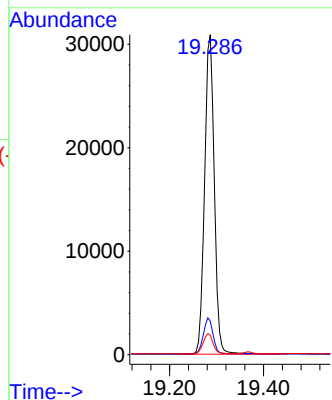


#27
Fluoranthene-d10
Concen: 0.314 ng
RT: 19.286 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

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ClientSampleId :
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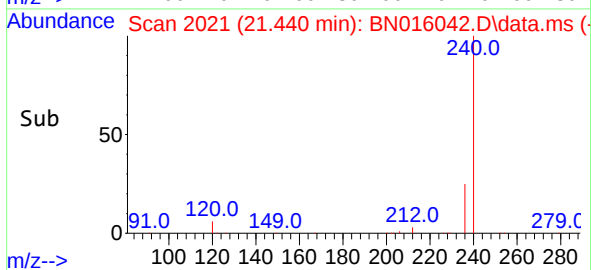
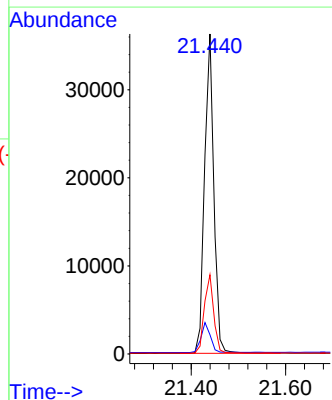
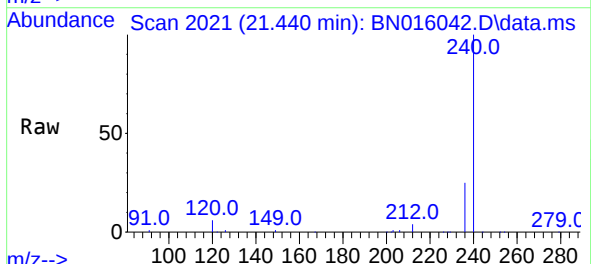


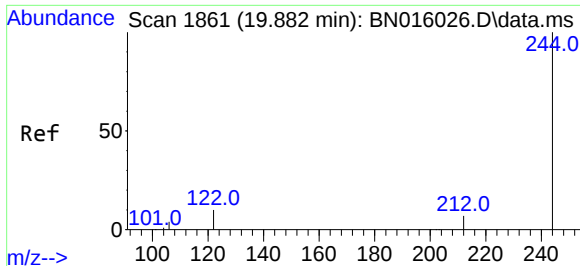
Tgt Ion:212 Resp: 44125
Ion Ratio Lower Upper
212 100
106 11.1 9.4 14.2
104 6.5 5.4 8.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

Tgt Ion:240 Resp: 49591
Ion Ratio Lower Upper
240 100
120 6.0 7.8 11.6#
236 24.7 21.0 31.6

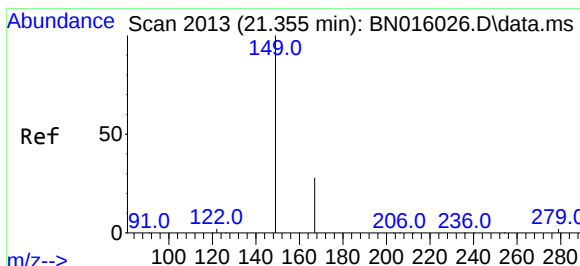
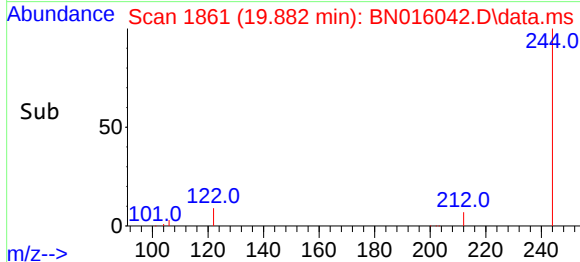
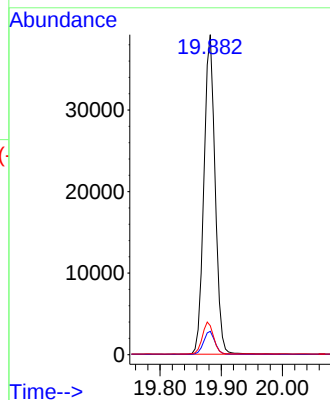
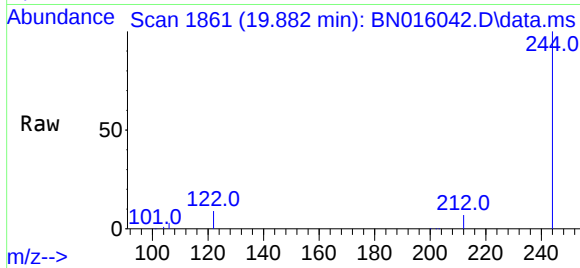




#31
Terphenyl-d14
Concen: 0.409 ng
RT: 19.882 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

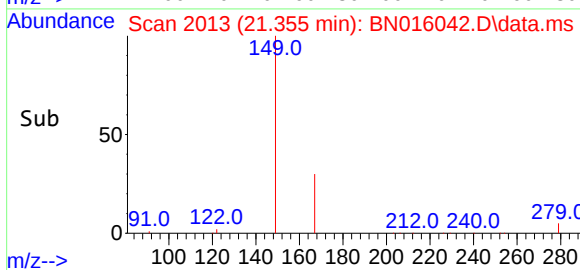
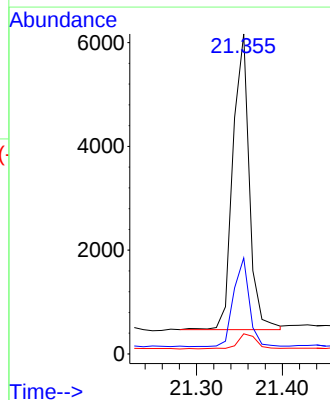
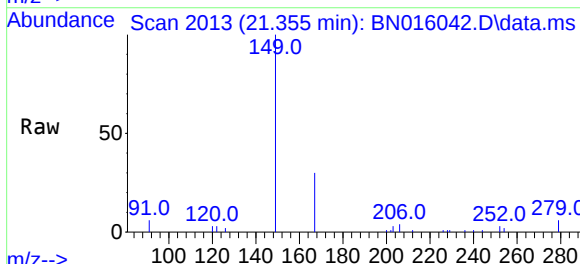
Instrument :
BNA_N
ClientSampleId :
RW6B-GW-20210816

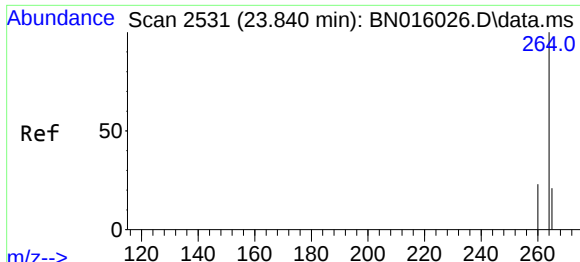
Tgt Ion:244 Resp: 49724
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.0 8.5 12.7



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.188 ng
RT: 21.355 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN016042.D
Acq: 24 Aug 2021 22:05

Tgt Ion:149 Resp: 7542
Ion Ratio Lower Upper
149 100
167 28.9 22.8 34.2
279 6.0 4.1 6.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.834 min Scan# 2529
 Delta R.T. -0.006 min
 Lab File: BN016042.D
 Acq: 24 Aug 2021 22:05

Instrument :
 BNA_N
 ClientSampleId :
 RW6B-GW-20210816

Tgt Ion:264	Resp:	48542
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.0 28.4
265	26.5	22.7 34.1

