

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014160.D
 Acq On : 01 Apr 2021 03:16
 Operator : CG/JU
 Sample : M1842-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20210324

Quant Time: Apr 01 04:03:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 12:15:38 2021
 Response via : Initial Calibration

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

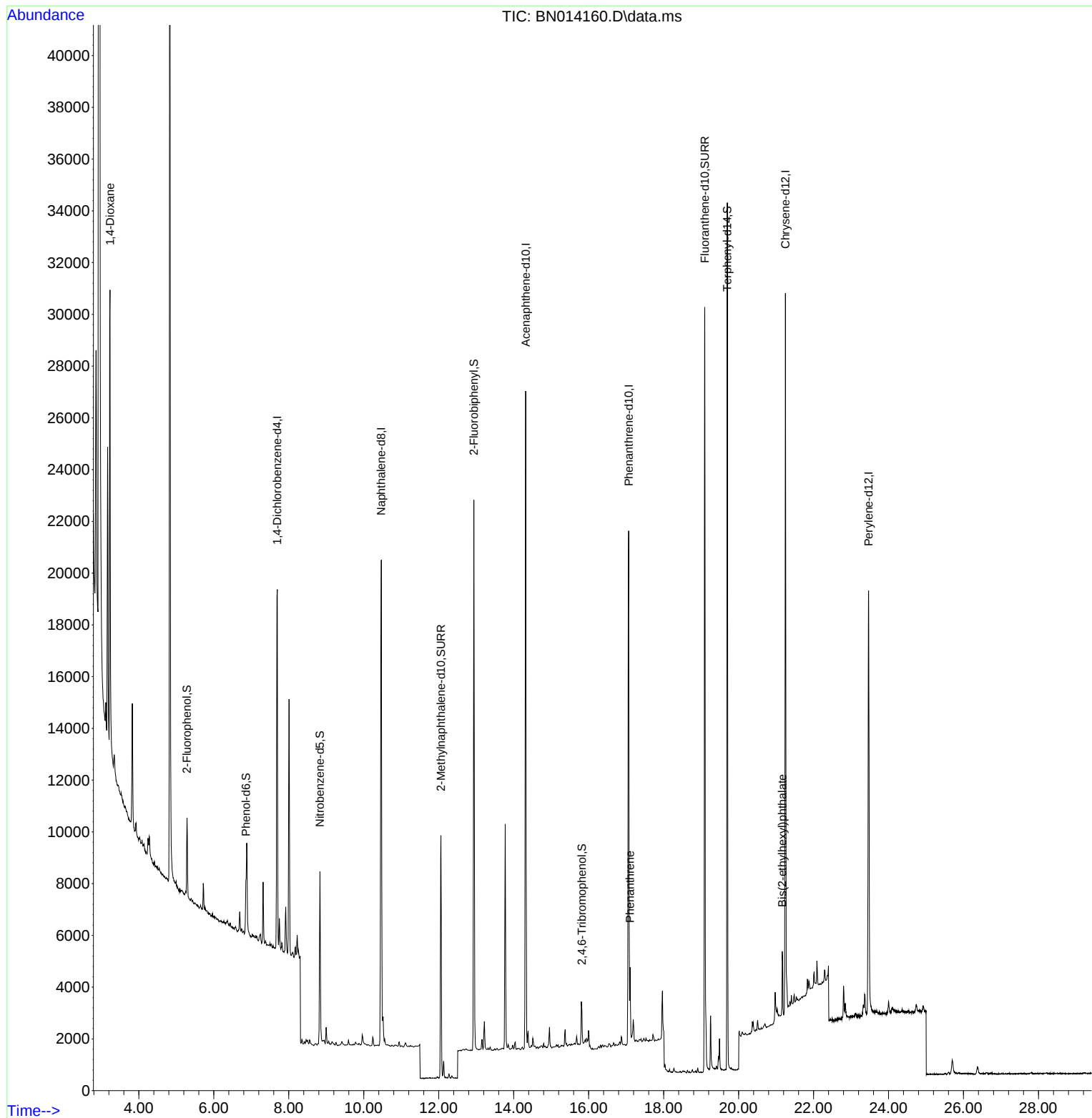
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6816	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	25663	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	14502	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	29289	0.40	ng	0.00
29) Chrysene-d12	21.250	240	25029	0.40	ng	0.00
36) Perylene-d12	23.468	264	22077	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	2256	0.13	ng	0.00
5) Phenol-d6	6.855	99	1701	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	5238	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	12457	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1277	0.27	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	17765	0.33	ng	0.00
27) Fluoranthene-d10	19.099	212	34289	0.45	ng	0.00
31) Terphenyl-d14	19.699	244	33766	0.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.230	88	11243	1.28	ng	# 92
25) Phenanthrene	17.104	178	2770	0.04	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.165	149	2537	0.12	ng	99

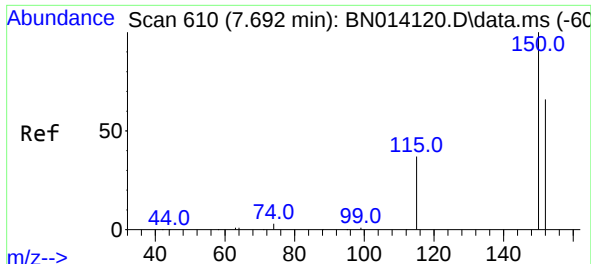
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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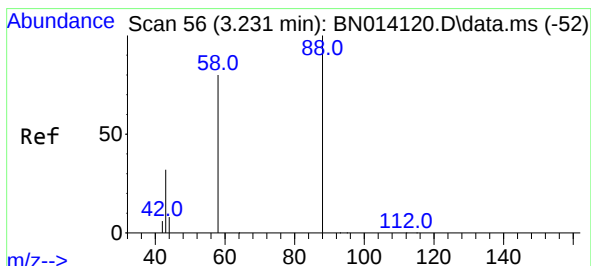
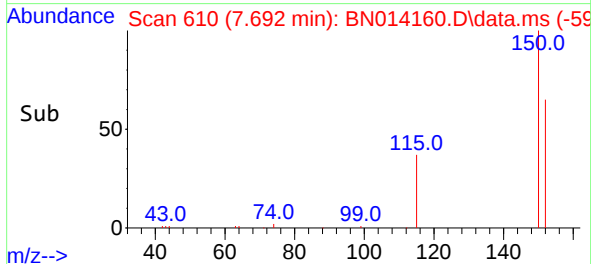
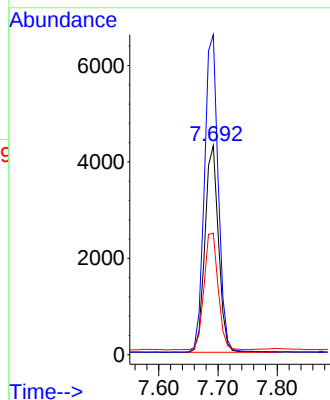
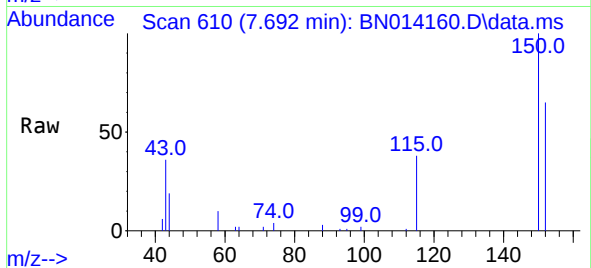


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014160.D
 Acq: 01 Apr 2021 03:16

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20210324

Tgt Ion:152 Resp: 6816

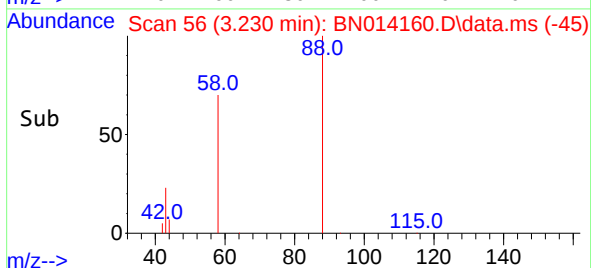
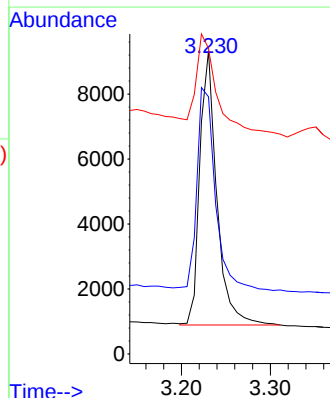
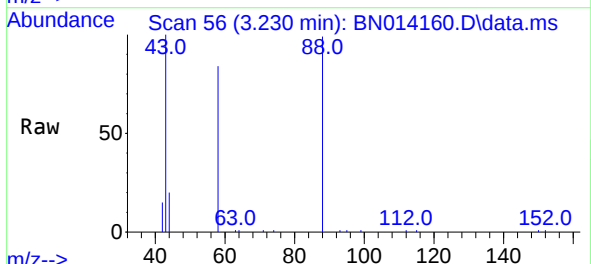
Ion	Ratio	Lower	Upper
152	100		
150	153.1	121.2	181.8
115	58.1	46.2	69.2

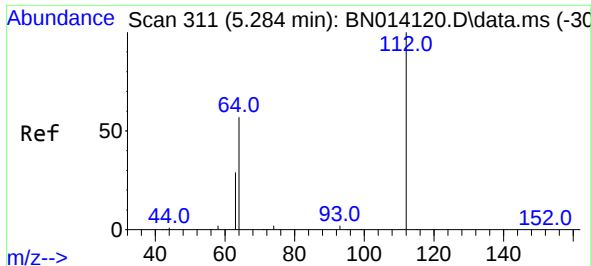


#2
 1,4-Dioxane
 Concen: 1.28 ng
 RT: 3.230 min Scan# 56
 Delta R.T. -0.008 min
 Lab File: BN014160.D
 Acq: 01 Apr 2021 03:16

Tgt Ion: 88 Resp: 11243

Ion	Ratio	Lower	Upper
88	100		
58	80.5	63.1	94.7
43	46.0	26.2	39.2

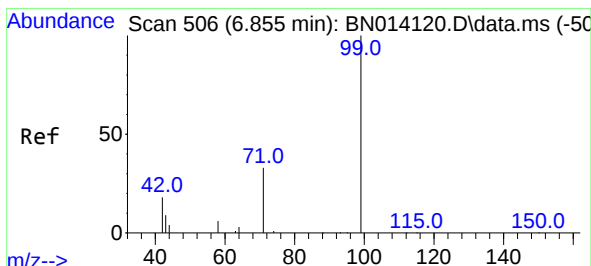
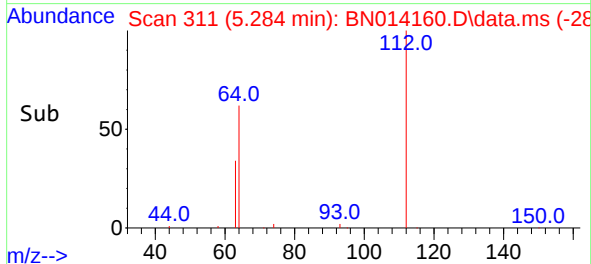
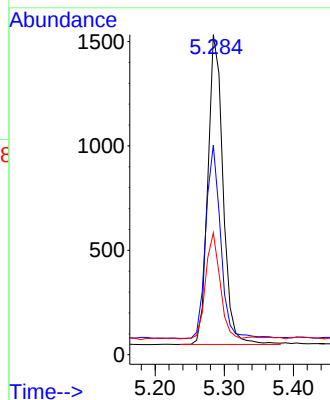
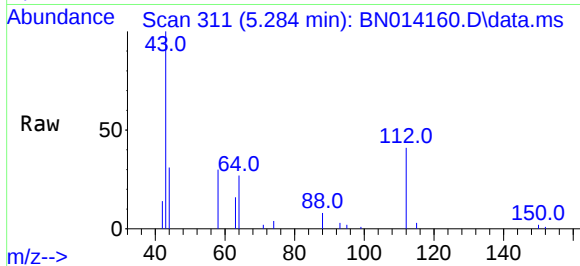




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

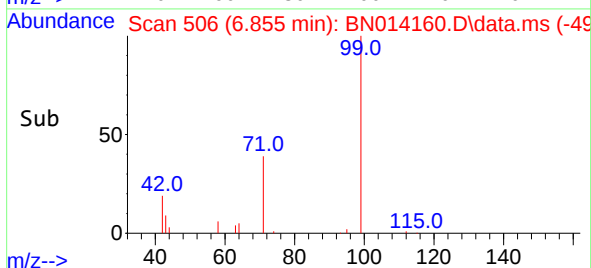
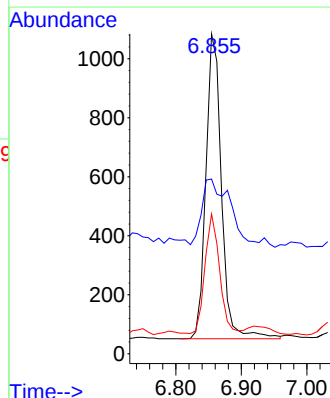
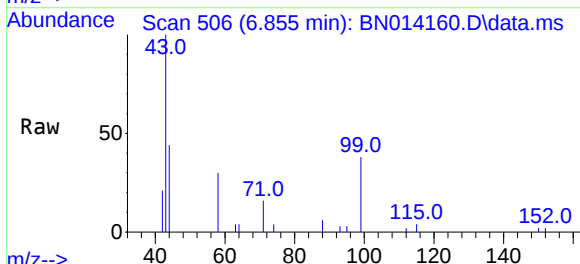
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210324

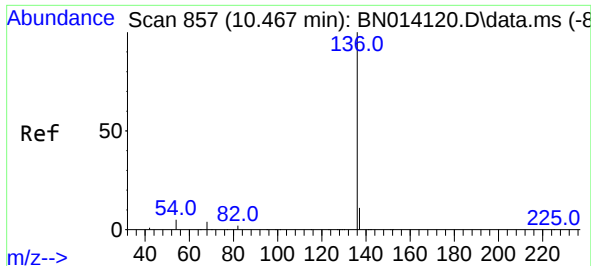
Tgt Ion:	112	Resp:	2256
Ion	Ratio	Lower	Upper
112	100		
64	61.3	48.3	72.5
63	32.7	25.4	38.0



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

Tgt Ion:	99	Resp:	1701
Ion	Ratio	Lower	Upper
99	100		
42	38.5	18.2	27.4#
71	36.7	26.7	40.1

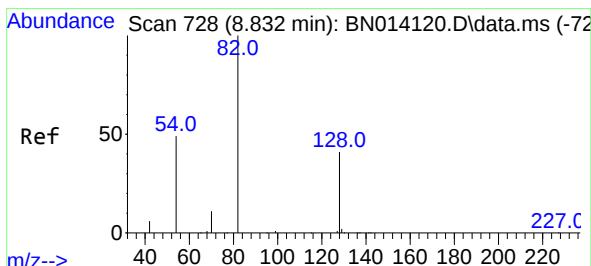
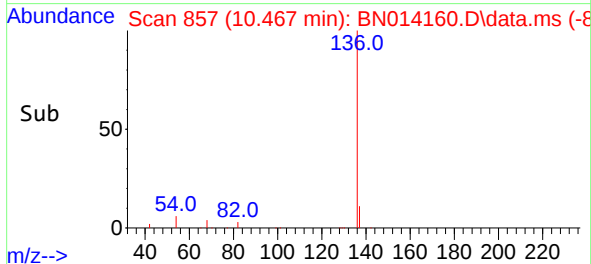
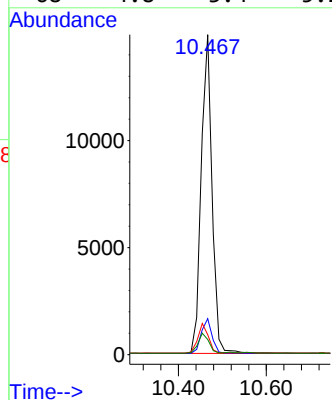
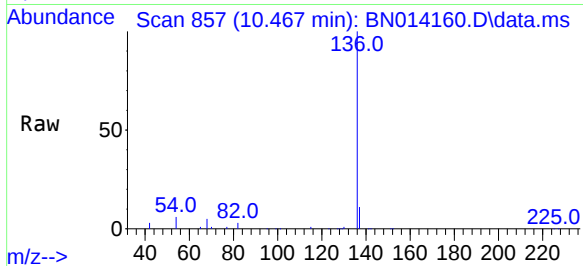




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

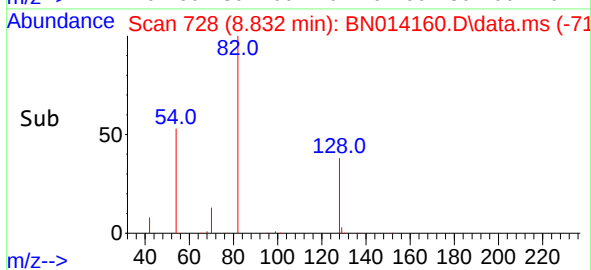
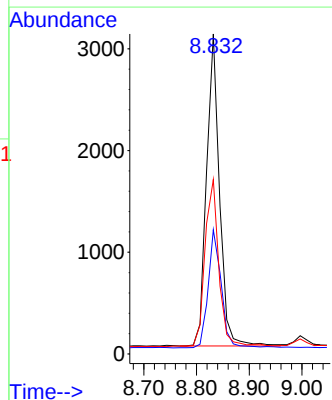
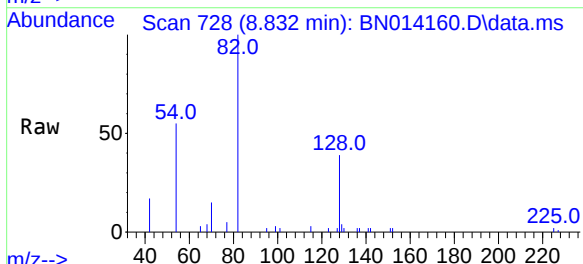
Instrument :
BNA_N
ClientSampleId :
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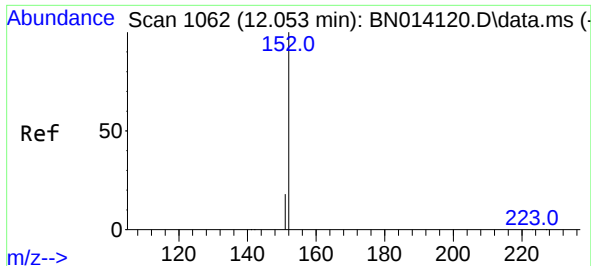
Tgt Ion:	136	Resp:	25663
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.3	4.3	6.5
68	4.8	3.4	5.2



#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

Tgt Ion:	82	Resp:	5238
Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.5	50.3
54	54.5	40.3	60.5

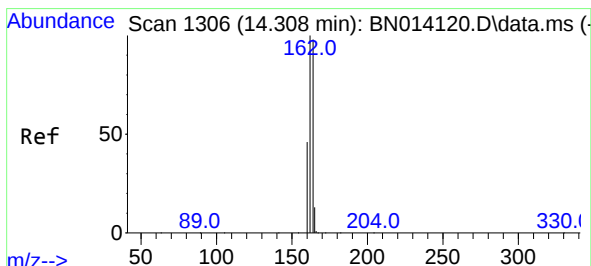
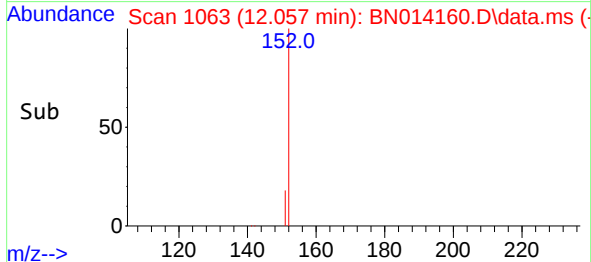
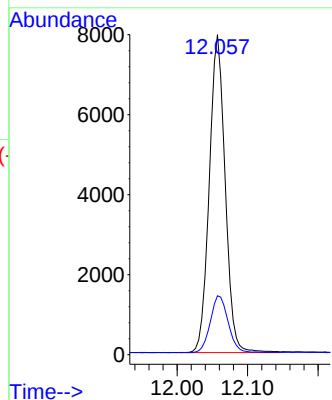
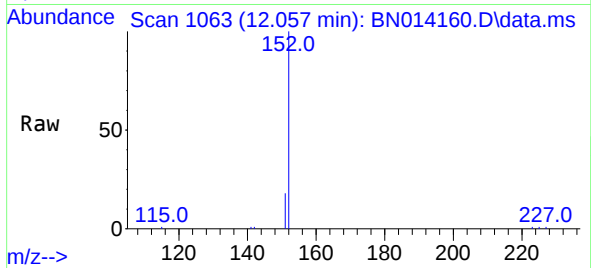




#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

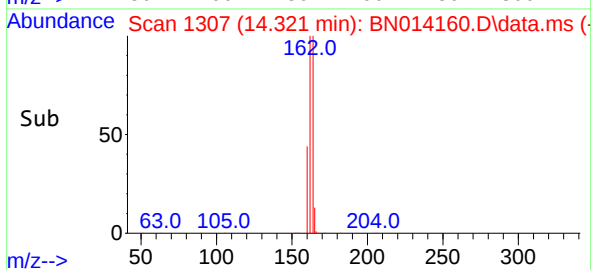
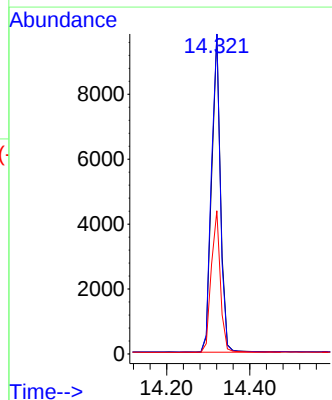
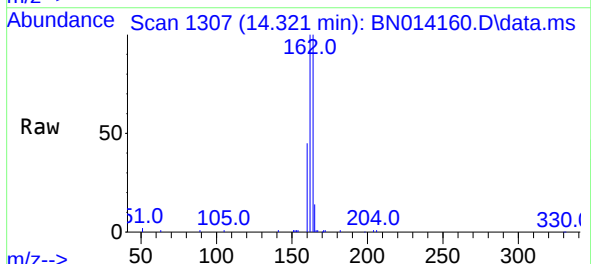
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210324

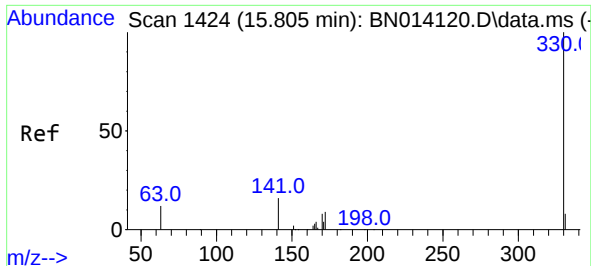
Tgt Ion:152 Resp: 12457
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

Tgt Ion:164 Resp: 14502
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.2
160 44.7 37.5 56.3

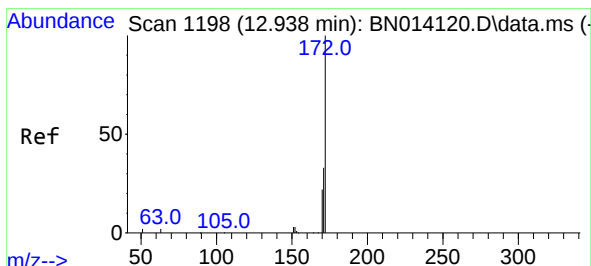
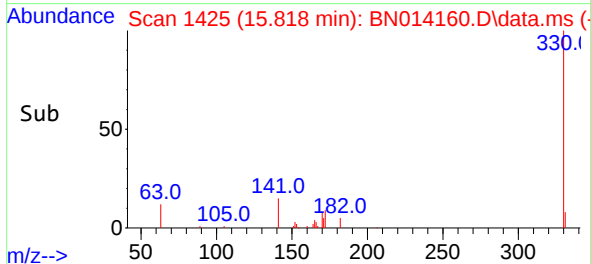
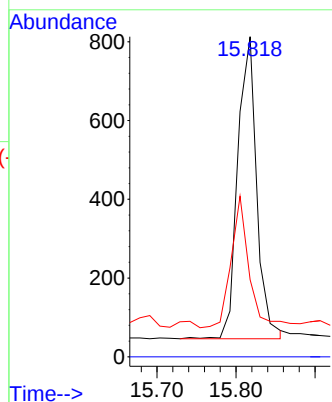
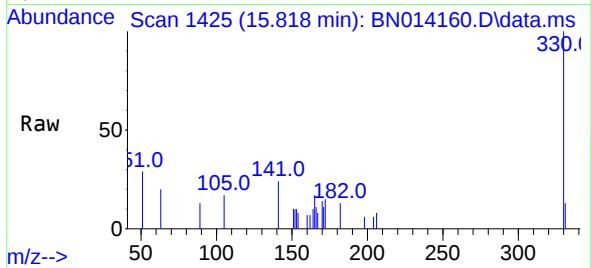




#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.012 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

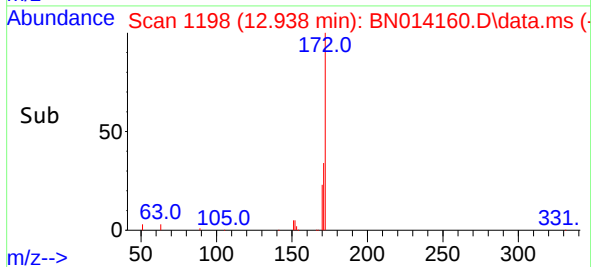
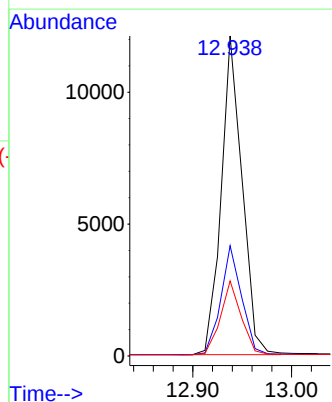
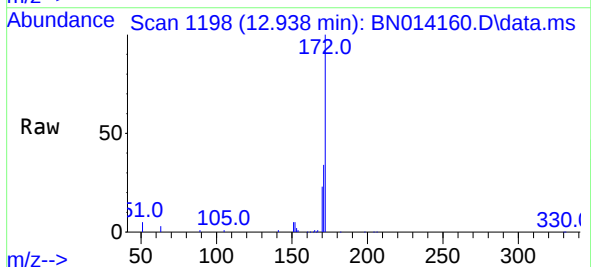
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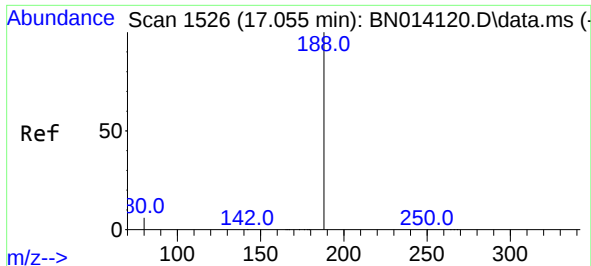
Tgt Ion:330 Resp: 1277
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.8 31.2 46.8



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

Tgt Ion:172 Resp: 17765
Ion Ratio Lower Upper
172 100
171 34.5 26.9 40.3
170 23.5 17.8 26.8

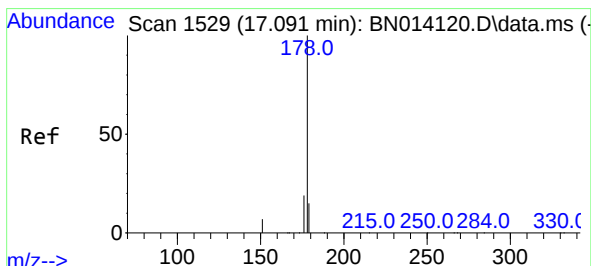
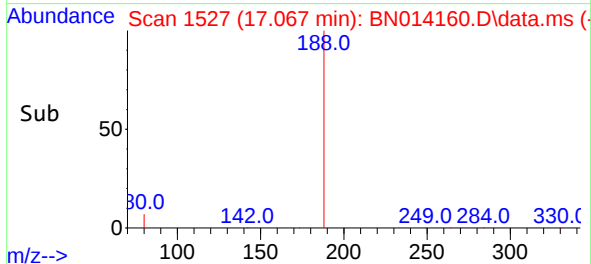
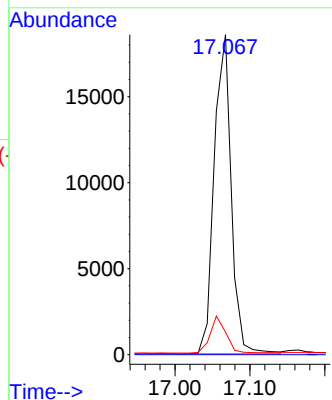
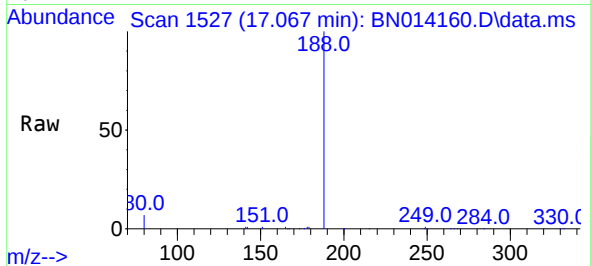




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

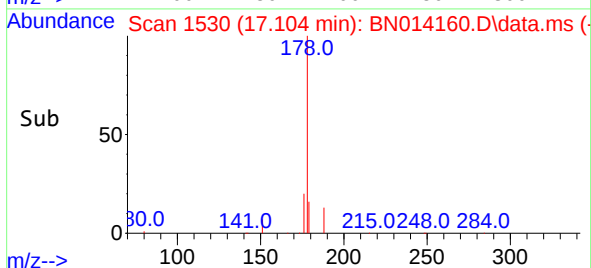
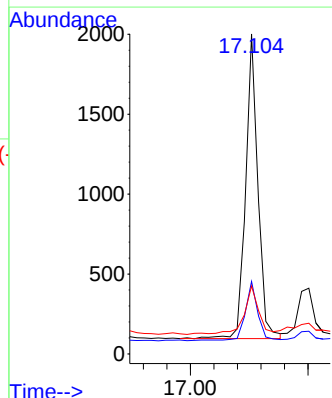
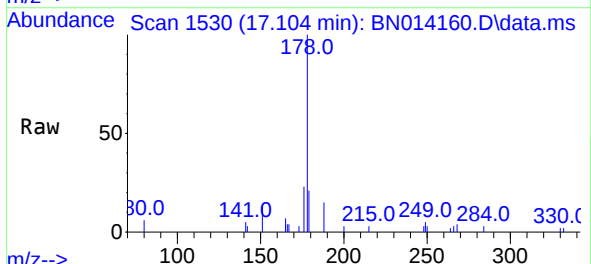
Instrument :
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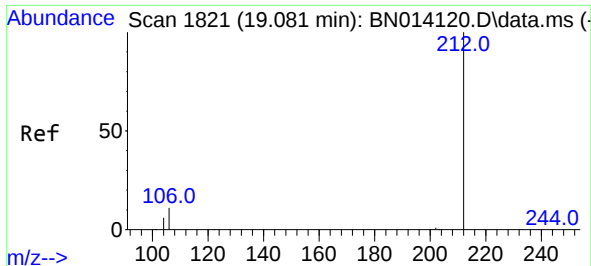
Tgt Ion:188	Resp:	29289
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.1	5.2



#25
Phenanthrene
Concen: 0.04 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

Tgt Ion:178	Resp:	2770
Ion Ratio	Lower	Upper
178	100	
176	19.9	15.0
179	19.0	12.4

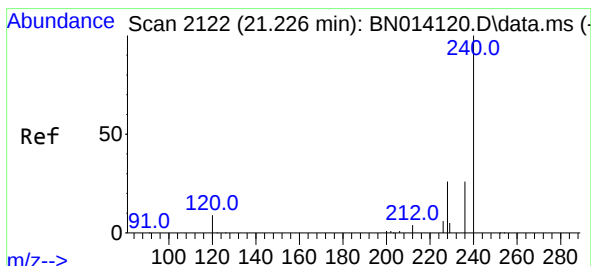
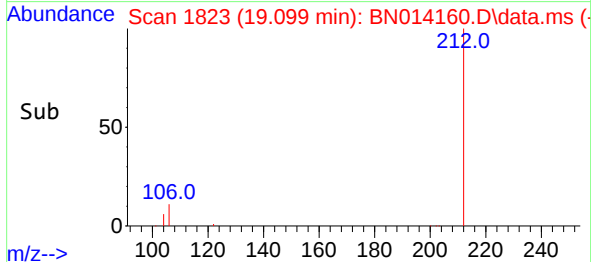
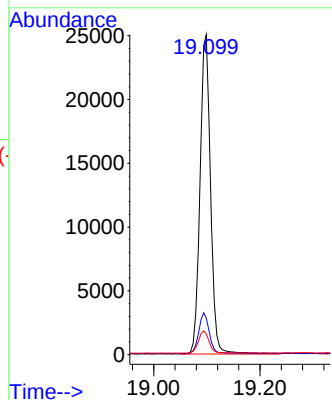
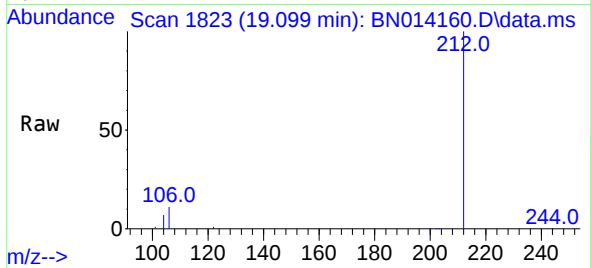




#27
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.099 min Scan# 1823
Delta R.T. 0.002 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

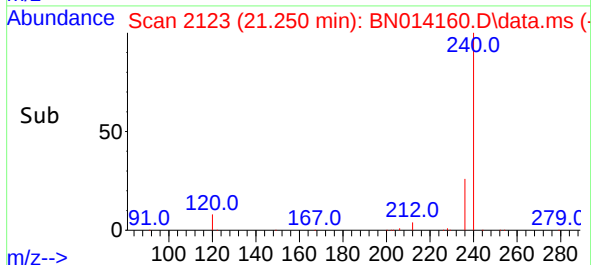
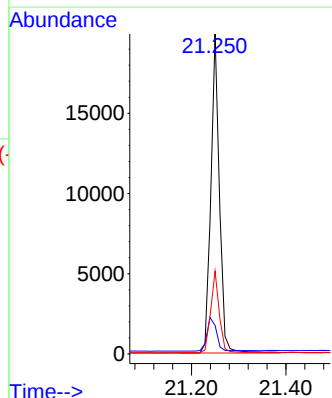
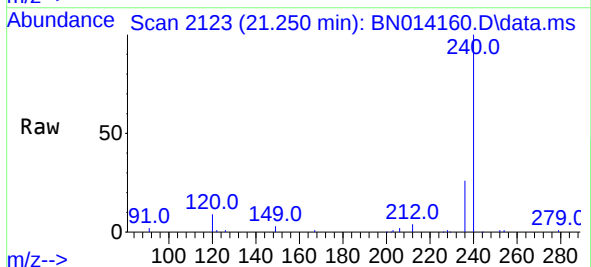
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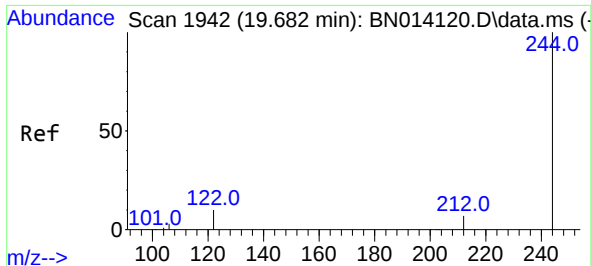
Tgt Ion:212 Resp: 34289
Ion Ratio Lower Upper
212 100
106 12.8 10.1 15.1
104 7.2 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.002 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

Tgt Ion:240 Resp: 25029
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 25.9 21.0 31.6

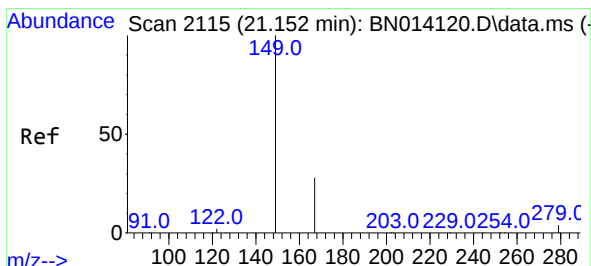
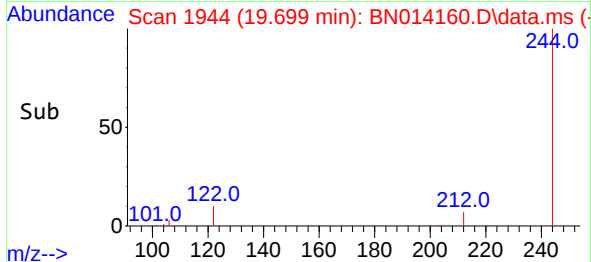
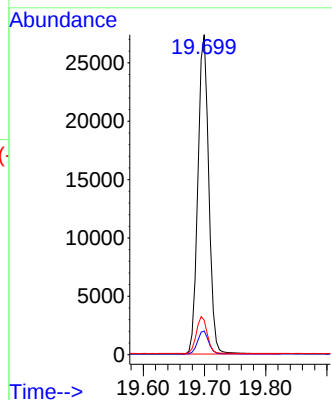
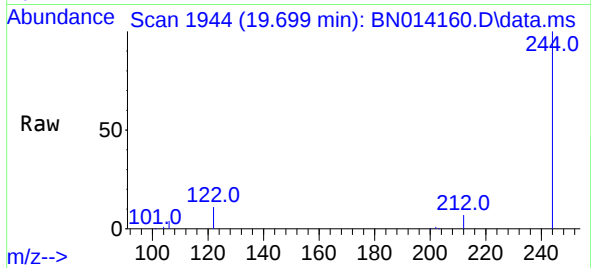




#31
Terphenyl-d14
Concen: 0.59 ng
RT: 19.699 min Scan# 1944
Delta R.T. 0.002 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

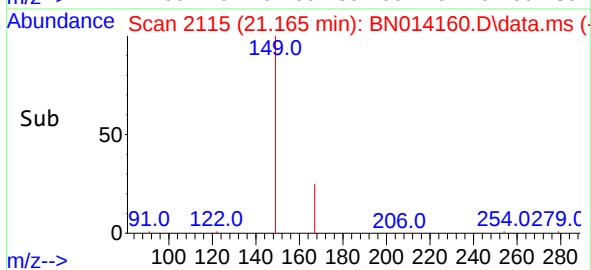
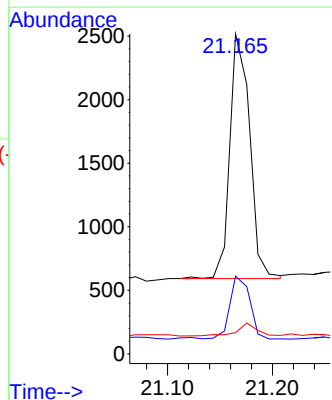
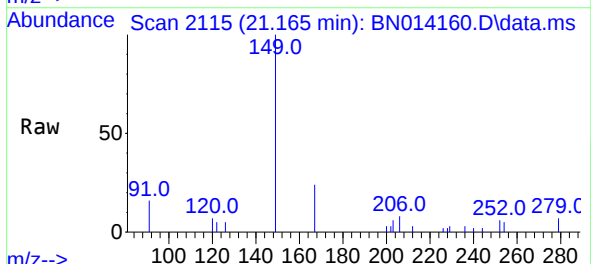
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210324

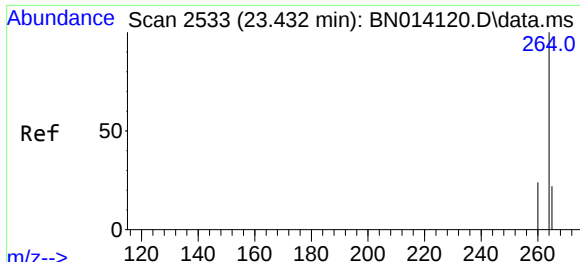
Tgt Ion:244 Resp: 33766
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.8 8.6 13.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.165 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

Tgt Ion:149 Resp: 2537
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.2
279 5.0 3.5 5.3





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.468 min Scan# 2542
Delta R.T. 0.002 min
Lab File: BN014160.D
Acq: 01 Apr 2021 03:16

Instrument :
BNA_N
ClientSampleId :
RE123D1-20210324

Tgt Ion:264	Resp:	22077
Ion Ratio	Lower	Upper
264	100	
260	24.9	19.8 29.8
265	33.1	30.7 46.1

