

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014076.D
 Acq On : 24 Mar 2021 18:35
 Operator : CG/JU
 Sample : M1787-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-103D1-20210318

Quant Time: Mar 25 05:37:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

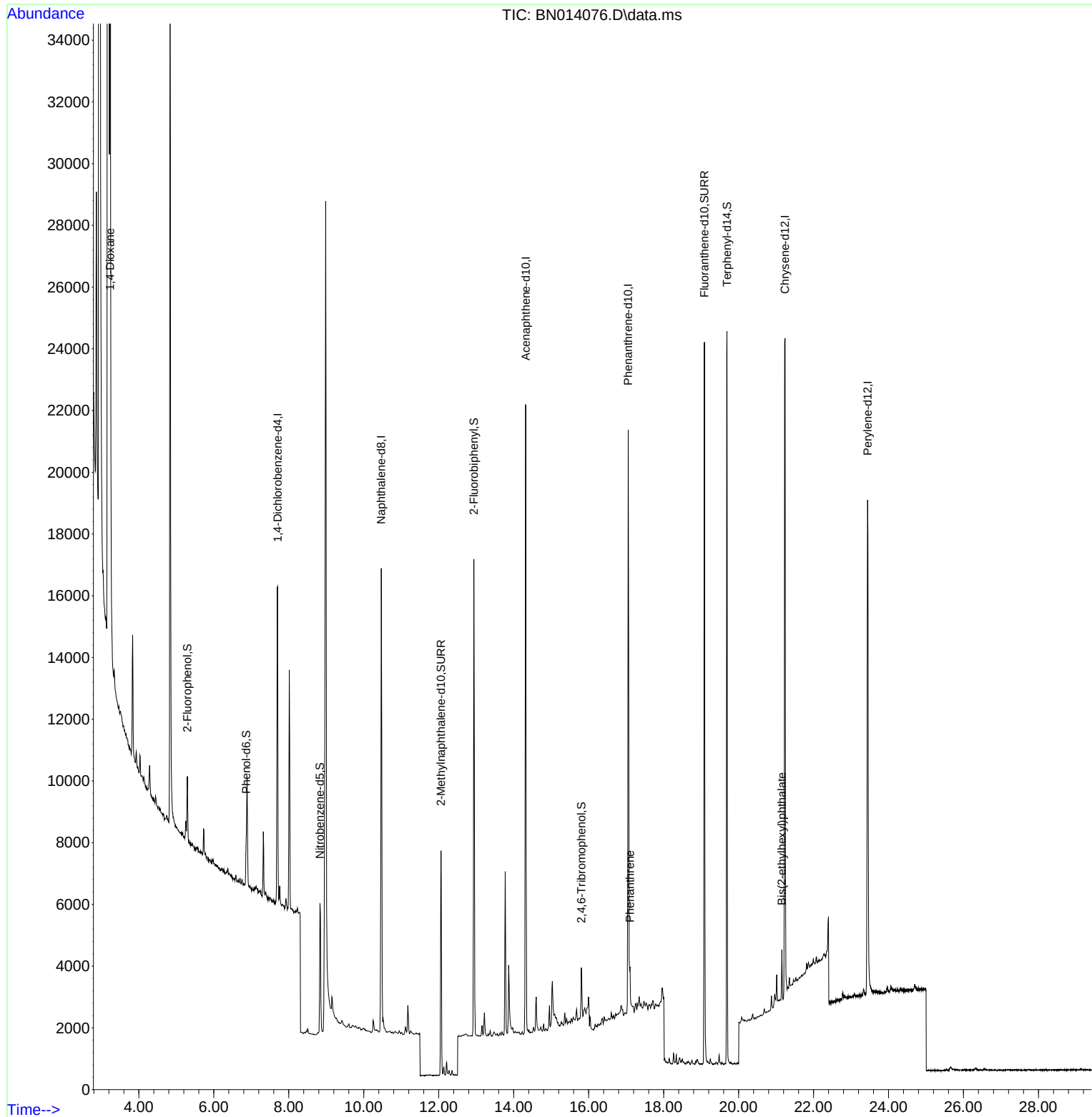
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	4967	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	19408	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	11319	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	25374	0.40	ng	-0.01
29) Chrysene-d12	21.239	240	23560	0.40	ng	# 0.00
36) Perylene-d12	23.441	264	22200	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1538	0.13	ng	0.00
5) Phenol-d6	6.863	99	1123	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	3856	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	9797	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1080	0.29	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	13216	0.31	ng	-0.01
27) Fluoranthene-d10	19.089	212	27790	0.39	ng	0.00
31) Terphenyl-d14	19.690	244	24273	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	26725	4.08	ng	Qvalue 96
25) Phenanthrene	17.104	178	1611	0.02	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.154	149	1438	0.06	ng	99

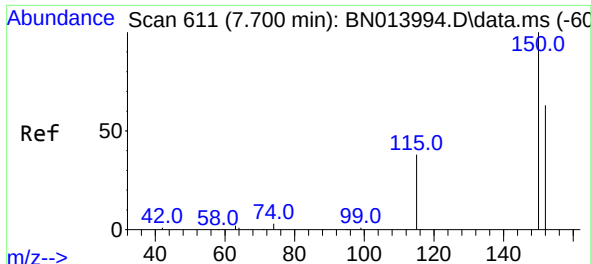
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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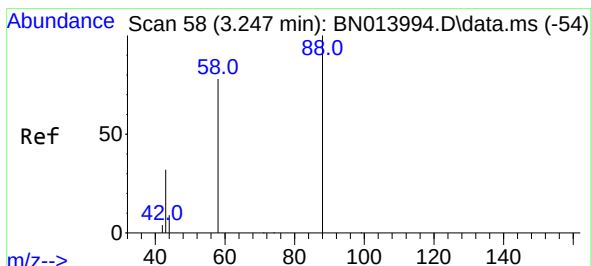
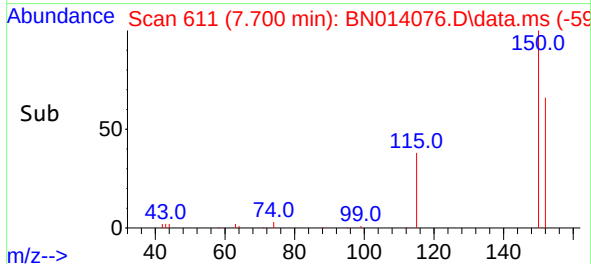
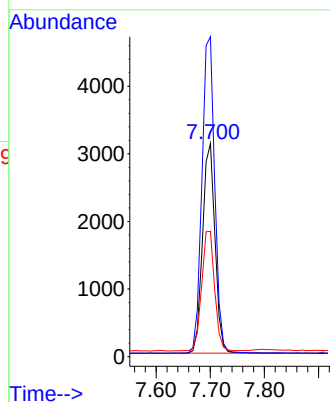
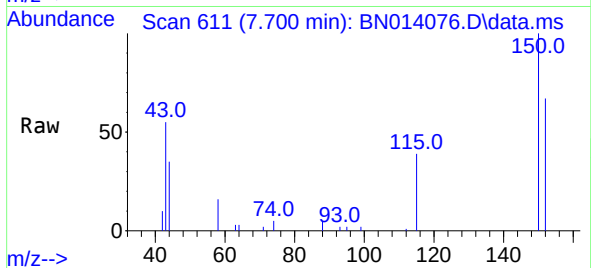


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014076.D
 Acq: 24 Mar 2021 18:35

Instrument :
 BNA_N
 ClientSampleId :
 RE-103D1-20210318

Tgt Ion: 152 Resp: 4967

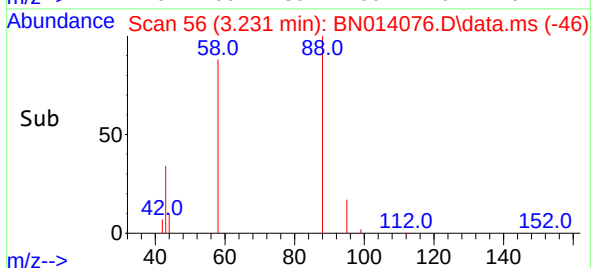
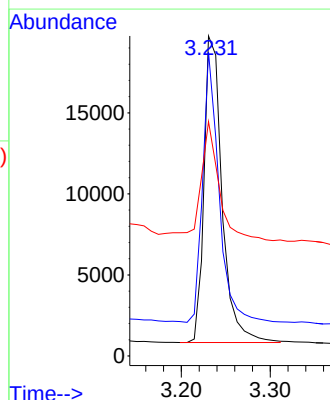
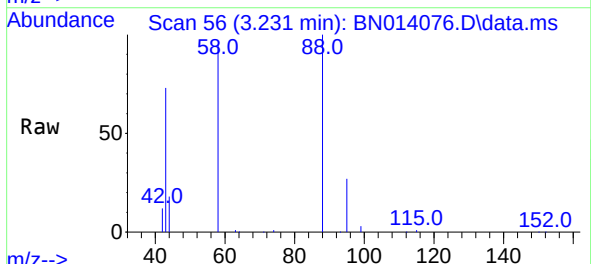
Ion	Ratio	Lower	Upper
152	100		
150	150.1	121.8	182.8
115	58.8	46.6	69.8

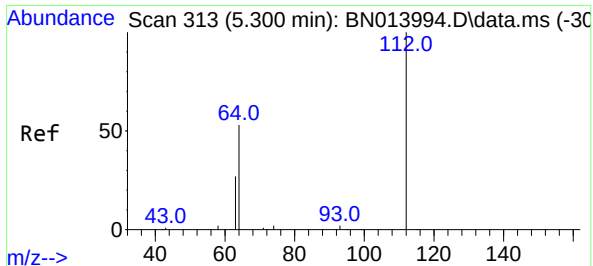


#2
 1,4-Dioxane
 Concen: 4.08 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.016 min
 Lab File: BN014076.D
 Acq: 24 Mar 2021 18:35

Tgt Ion: 88 Resp: 26725

Ion	Ratio	Lower	Upper
88	100		
58	78.7	64.6	96.8
43	38.4	26.6	40.0



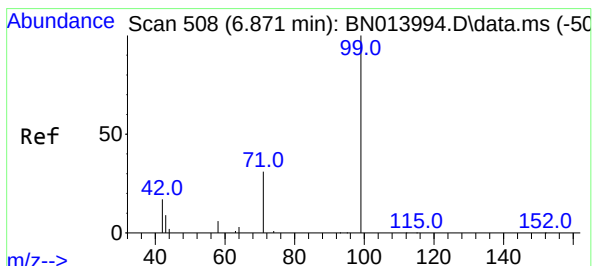
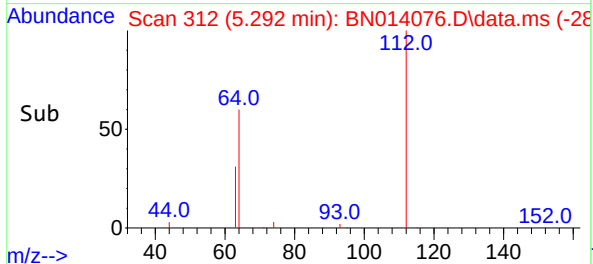
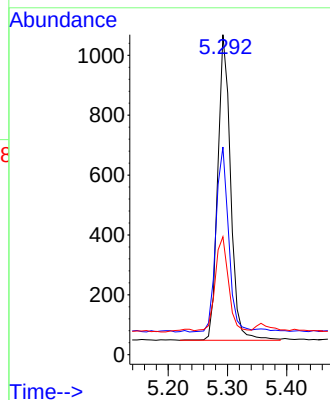
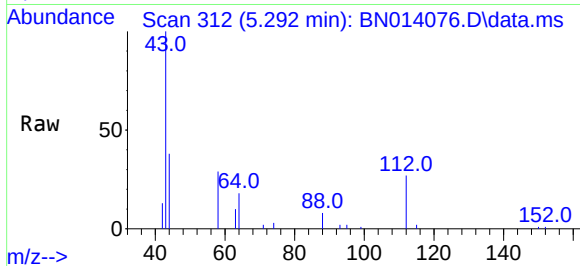


#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

Instrument :
BNA_N
ClientSampleId :
RE-103D1-20210318

Tgt Ion: 112 Resp: 1538

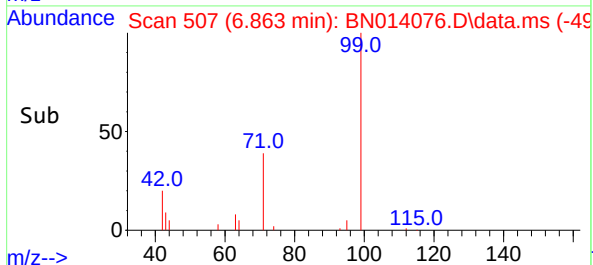
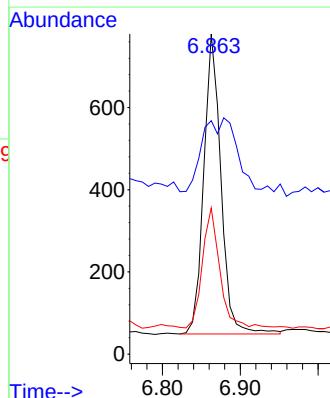
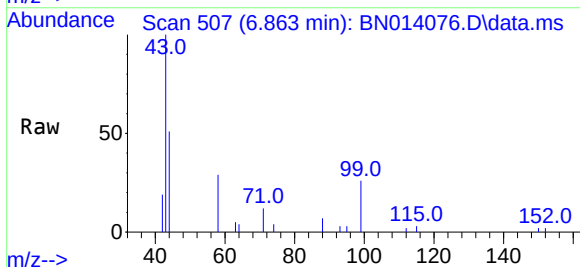
Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.3	66.5
63	31.9	23.0	34.6

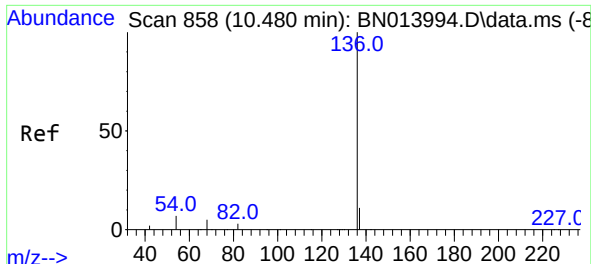


#5
Phenol-d6
Concen: 0.08 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

Tgt Ion: 99 Resp: 1123

Ion	Ratio	Lower	Upper
99	100		
42	25.0	15.2	22.8#
71	41.3	26.1	39.1#

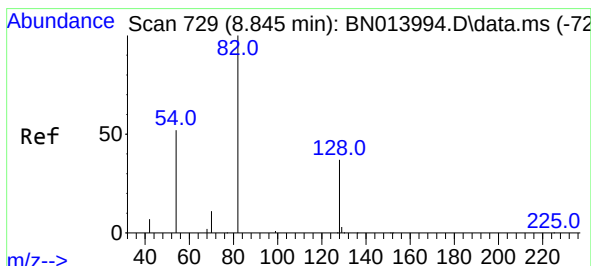
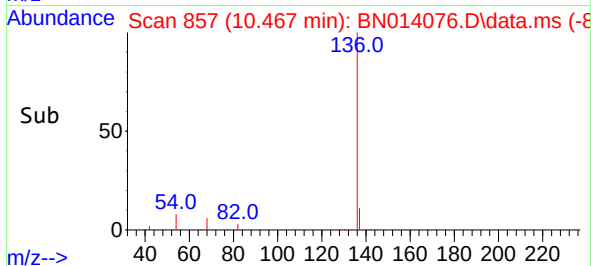
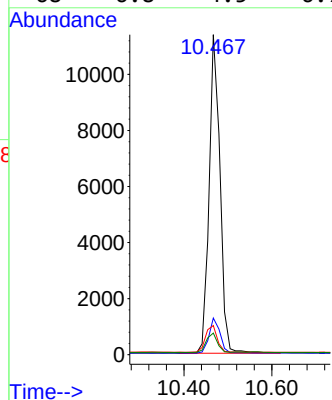
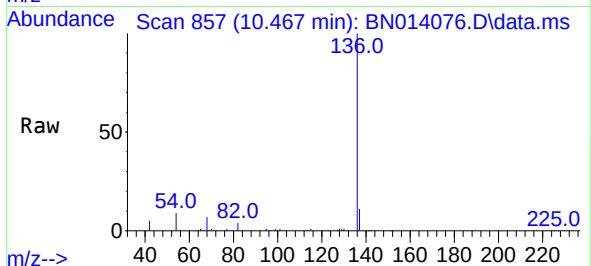




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

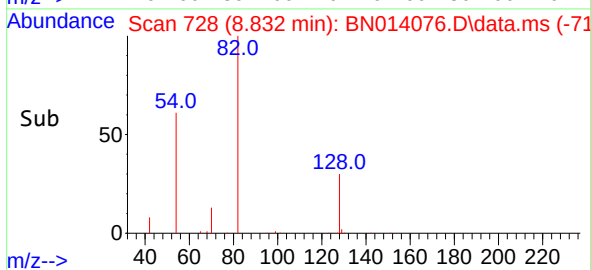
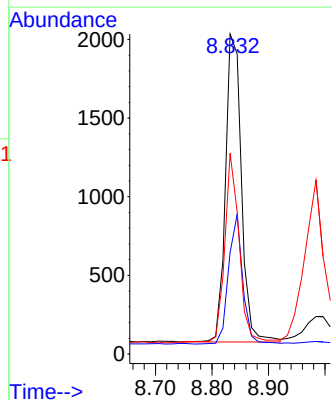
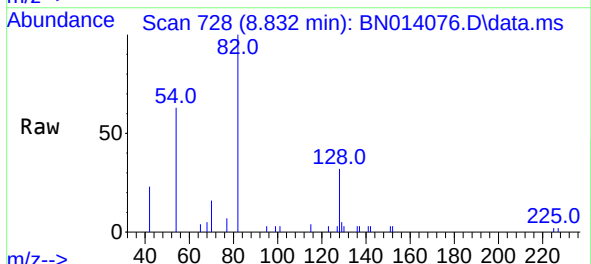
Instrument :
BNA_N
ClientSampleId :
RE-103D1-20210318

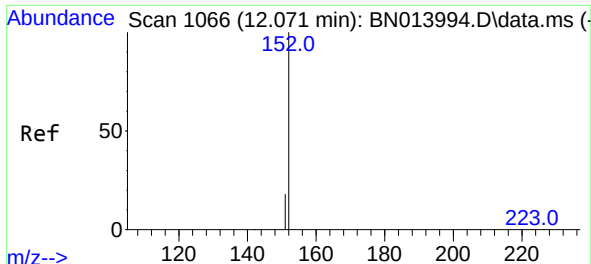
Tgt Ion:	136	Resp:	19408
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	9.1	6.4	9.6
68	6.8	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

Tgt Ion:	82	Resp:	3856
Ion Ratio	Lower	Upper	
82	100		
128	31.7	39.2	58.8
54	62.7	40.1	60.1

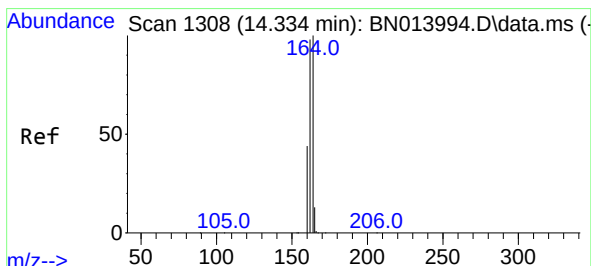
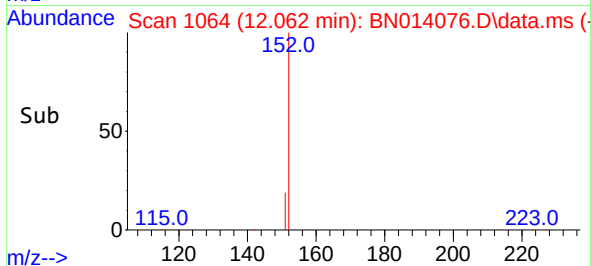
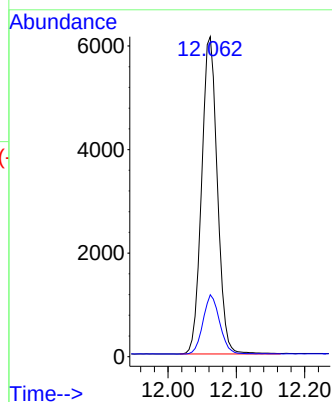
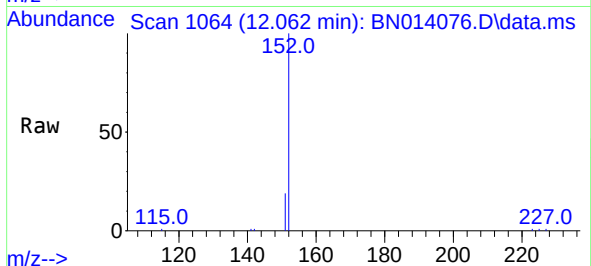




#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

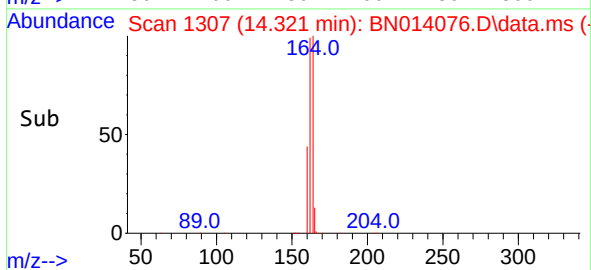
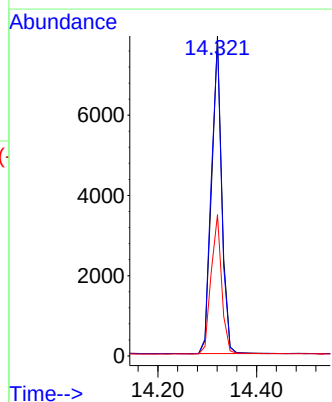
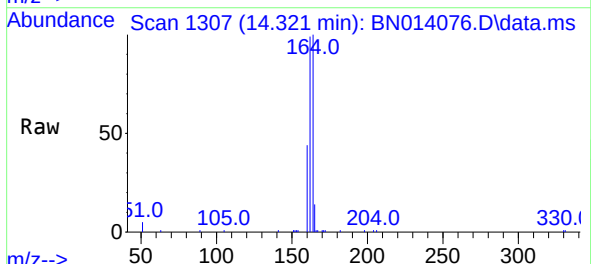
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ClientSampleId :
RE-103D1-20210318

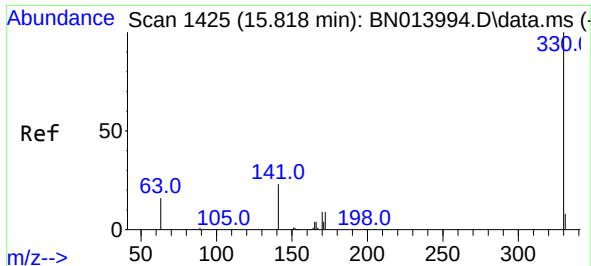
Tgt Ion:152 Resp: 9797
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

Tgt Ion:164 Resp: 11319
Ion Ratio Lower Upper
164 100
162 98.6 79.6 119.4
160 44.1 36.0 54.0

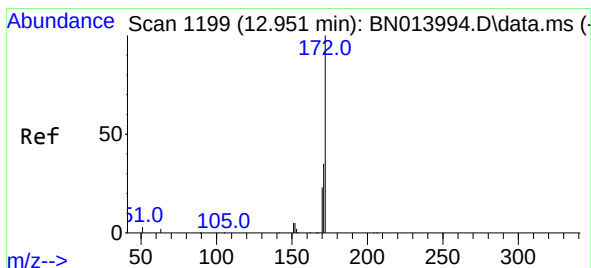
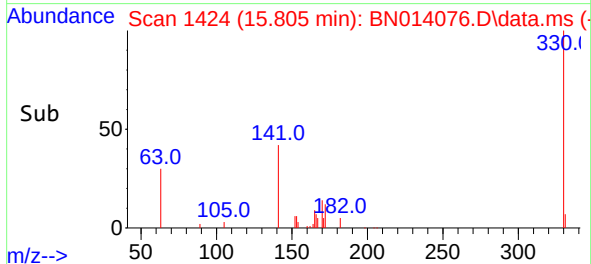
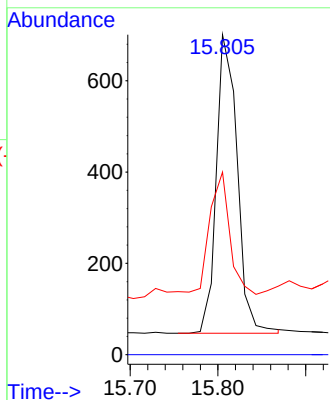
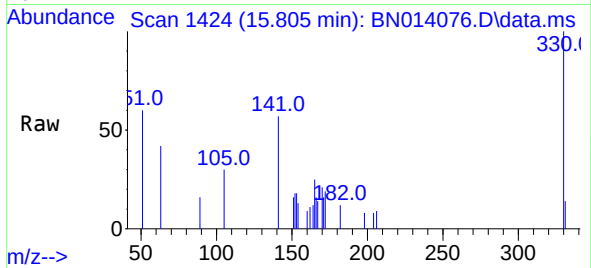




#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

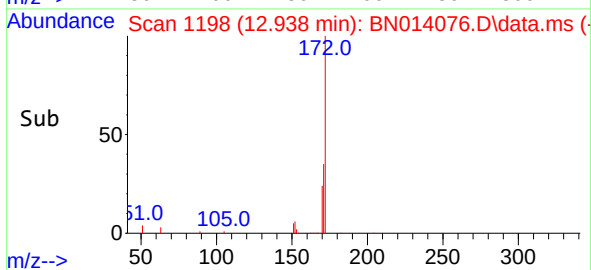
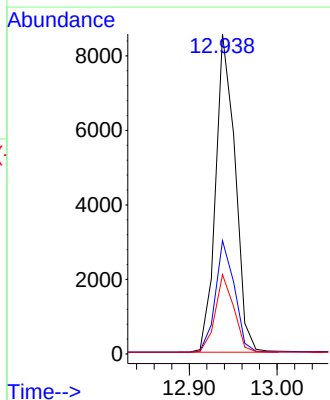
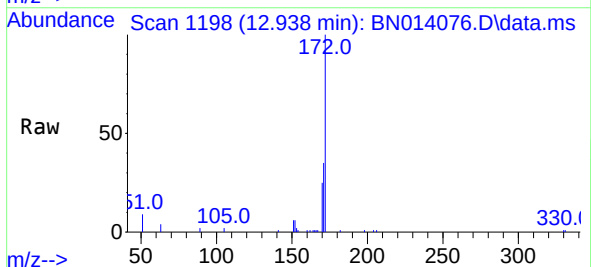
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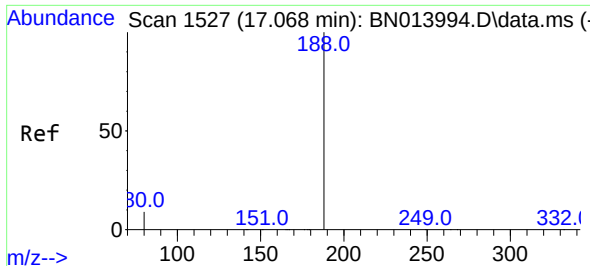
Tgt Ion:330 Resp: 1080
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.9 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

Tgt Ion:172 Resp: 13216
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 24.8 18.9 28.3

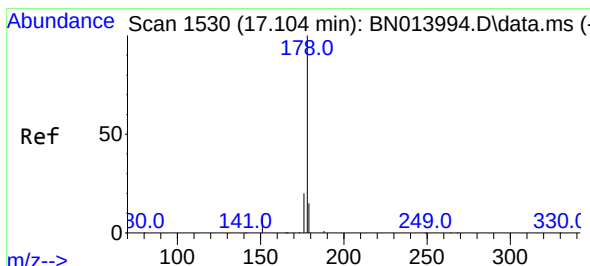
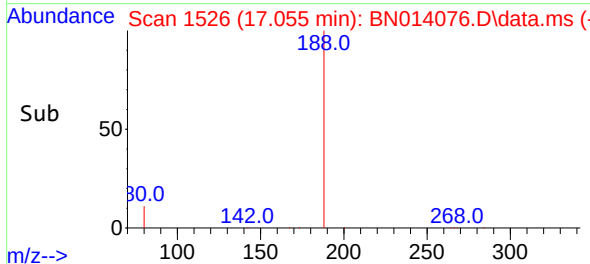
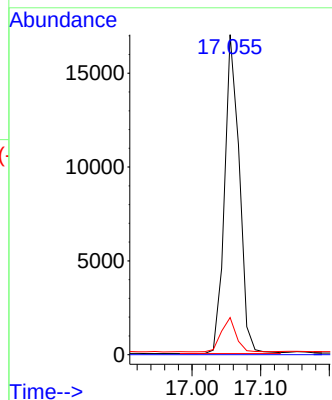
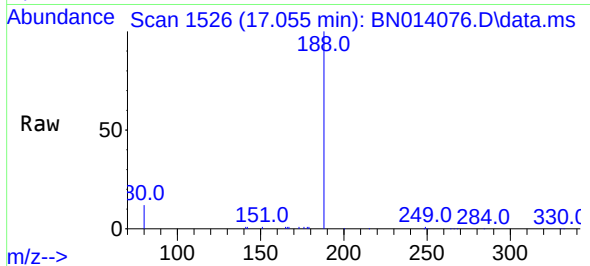




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

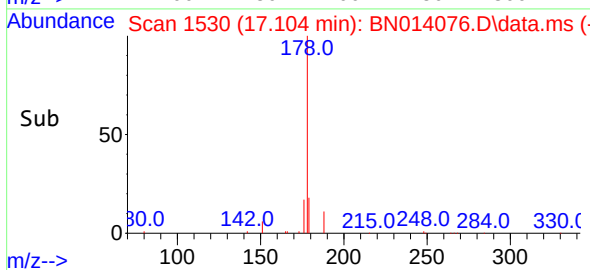
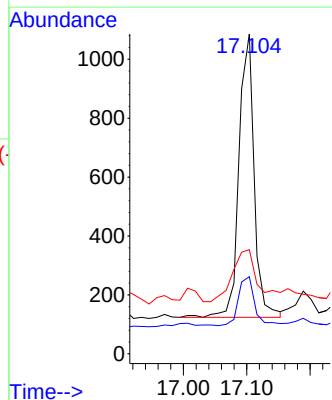
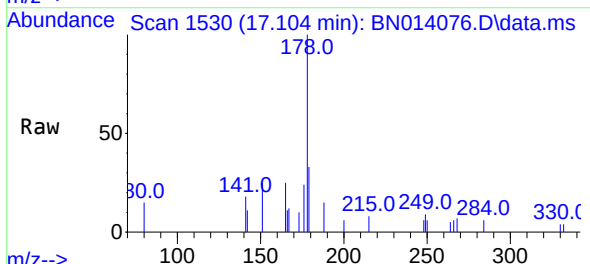
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RE-103D1-20210318

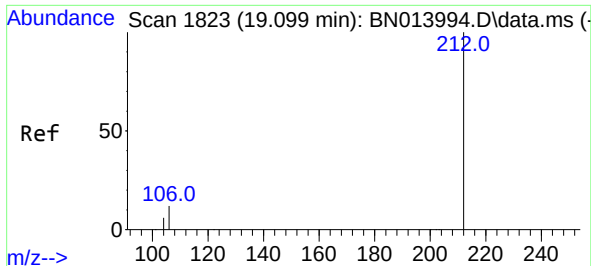
Tgt Ion:188 Resp: 25374
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 9.0 13.6



#25
Phenanthrene
Concen: 0.02 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

Tgt Ion:178 Resp: 1611
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 30.4 12.3 18.5#

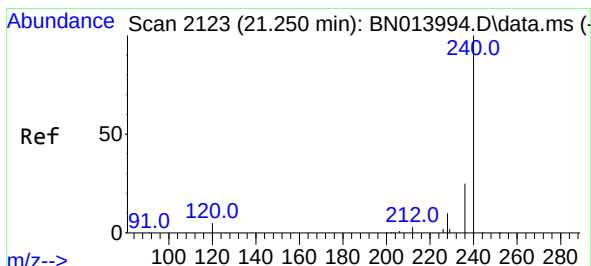
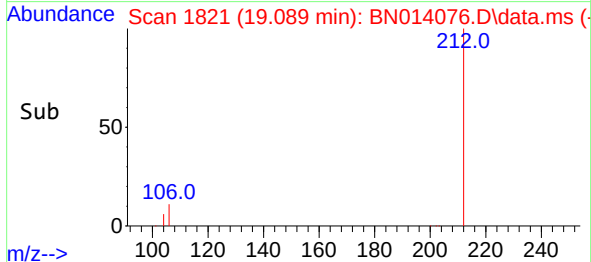
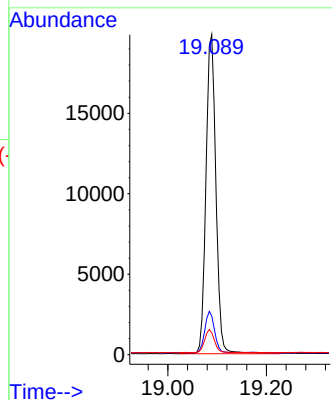
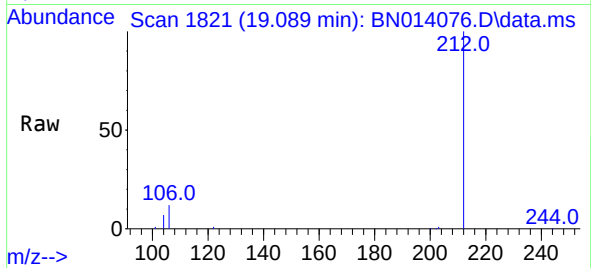




#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

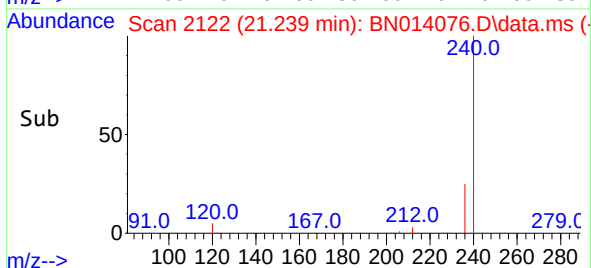
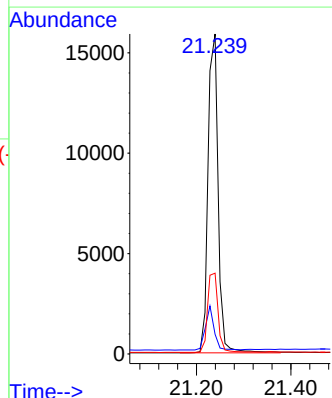
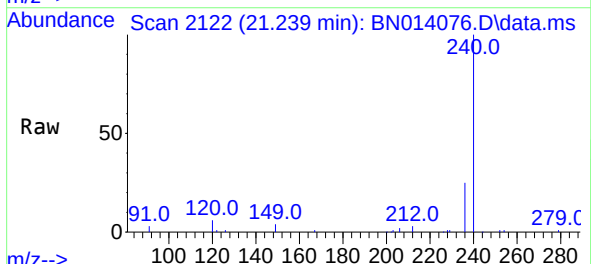
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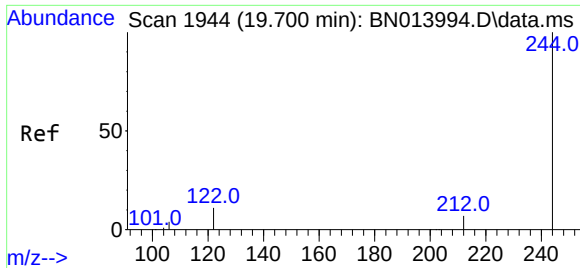
Tgt Ion:212 Resp: 27790
Ion Ratio Lower Upper
212 100
106 12.8 9.7 14.5
104 6.9 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

Tgt Ion:240 Resp: 23560
Ion Ratio Lower Upper
240 100
120 6.2 10.2 15.4#
236 25.2 21.3 31.9

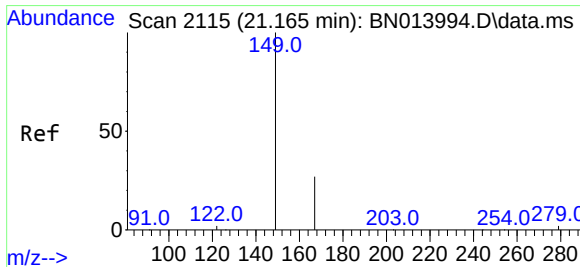
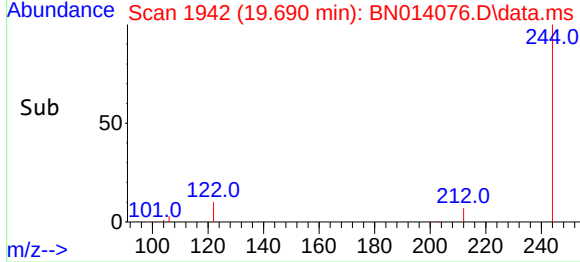
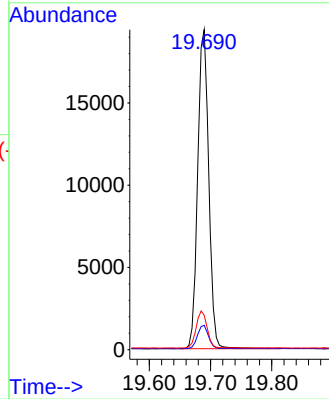
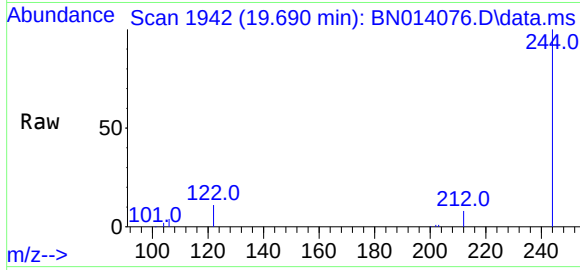




#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.690 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

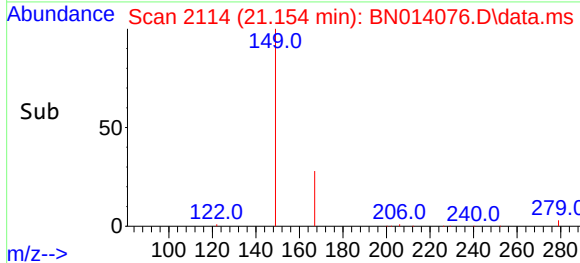
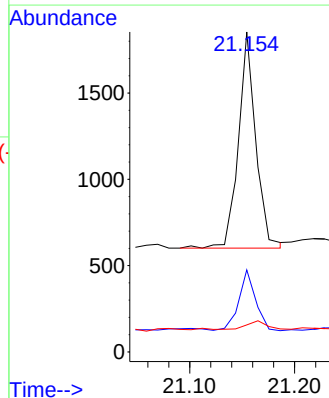
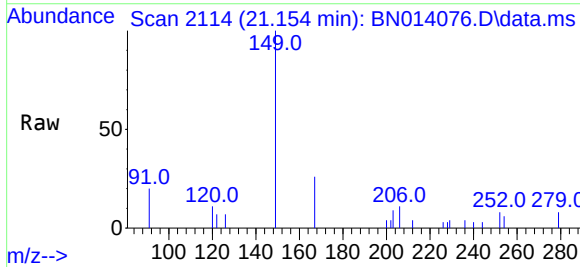
Instrument :
BNA_N
ClientSampleId :
RE-103D1-20210318

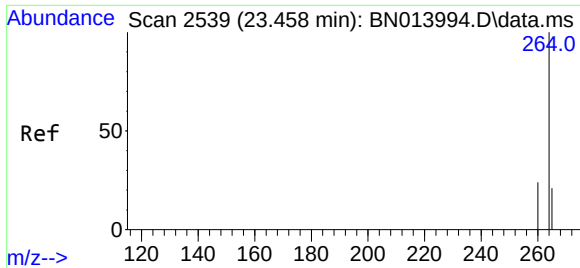
Tgt Ion:244	Resp:	24273
Ion Ratio	Lower	Upper
244	100	
212	7.6	6.1 9.1
122	10.7	9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

Tgt Ion:149	Resp:	1438
Ion Ratio	Lower	Upper
149	100	
167	27.1	22.1 33.1
279	4.7	3.5 5.3





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.441 min Scan# 2534
Delta R.T. -0.006 min
Lab File: BN014076.D
Acq: 24 Mar 2021 18:35

Instrument :
BNA_N
ClientSampleId :
RE-103D1-20210318

Tgt Ion:264	Resp:	22200
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.3 28.9
265	34.3	66.2 99.4#

