

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014088.D
 Acq On : 25 Mar 2021 01:46
 Operator : CG/JU
 Sample : M1787-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20210318

Quant Time: Mar 25 05:39:14 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)

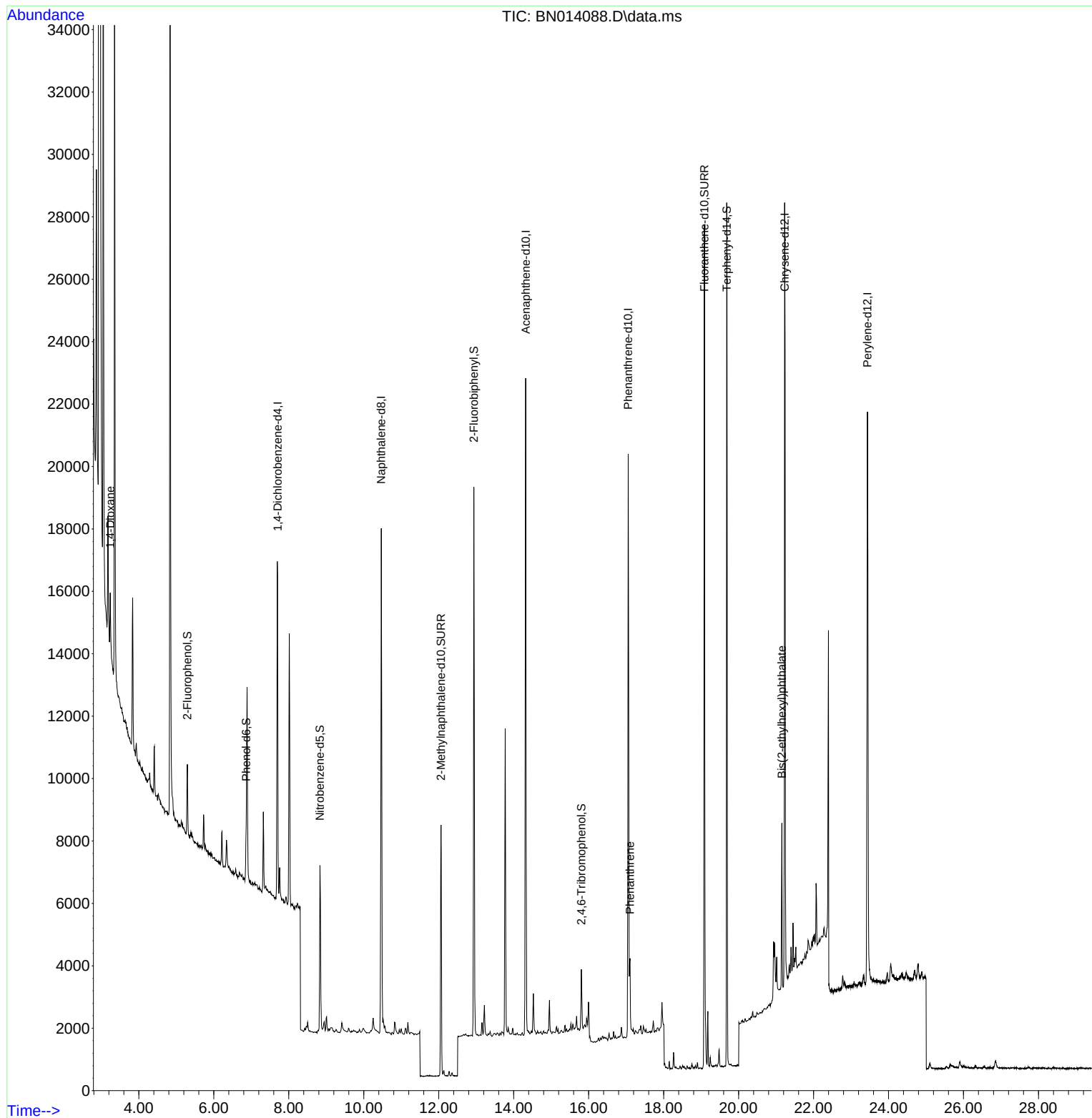
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5357	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	20809	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	11877	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	25064	0.40	ng	-0.01
29) Chrysene-d12	21.229	240	25445	0.40	ng	-0.01
36) Perylene-d12	23.438	264	24574	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1767	0.14	ng	0.00
5) Phenol-d6	6.863	99	1254	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	4523	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	11142	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1356	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	14874	0.34	ng	-0.01
27) Fluoranthene-d10	19.089	212	30319	0.44	ng	0.00
31) Terphenyl-d14	19.685	244	27328	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	1325	0.19	ng	# 76
25) Phenanthrene	17.104	178	2838	0.04	ng	96
34) Bis(2-ethylhexyl)phtha...	21.154	149	4749	0.18	ng	97

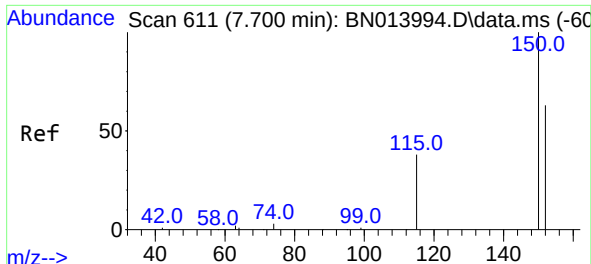
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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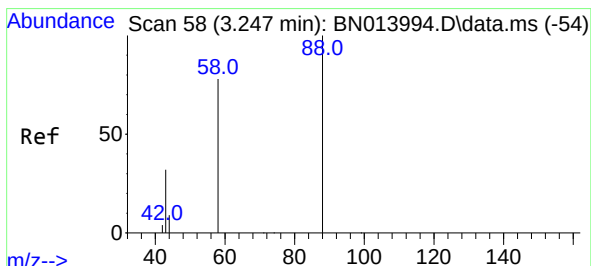
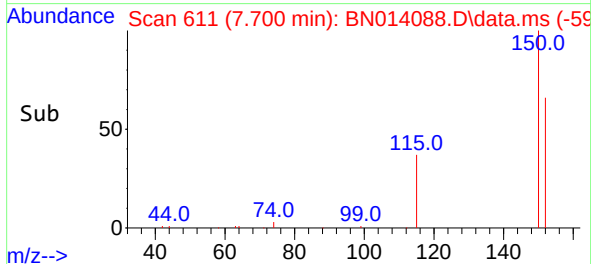
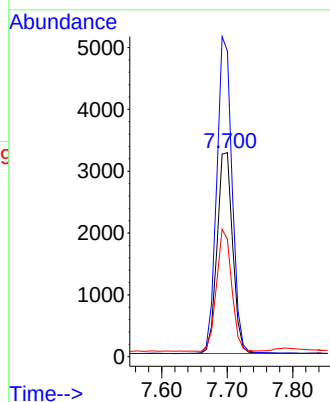
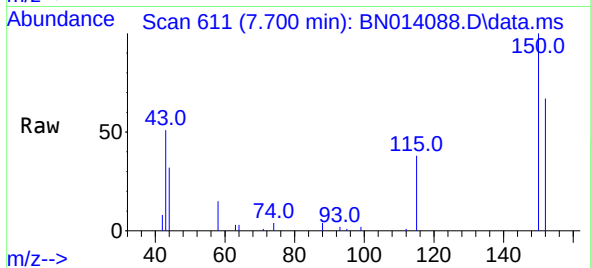




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014088.D
 Acq: 25 Mar 2021 01:46

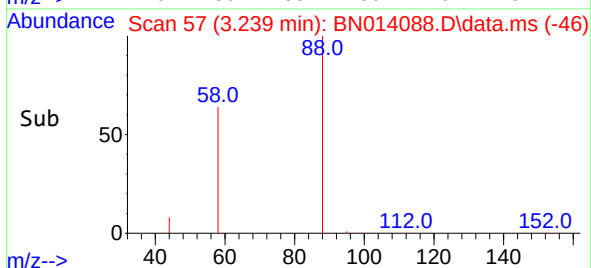
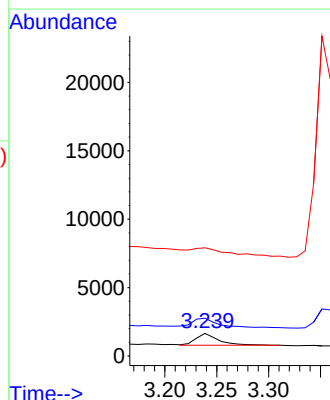
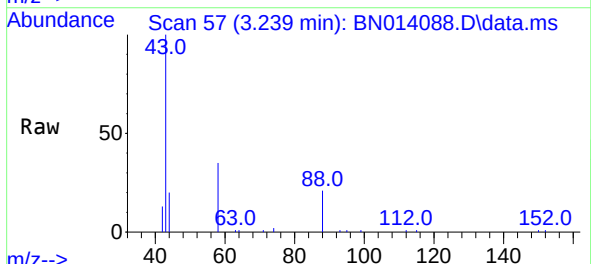
Instrument :
 BNA_N
 ClientSampleId :
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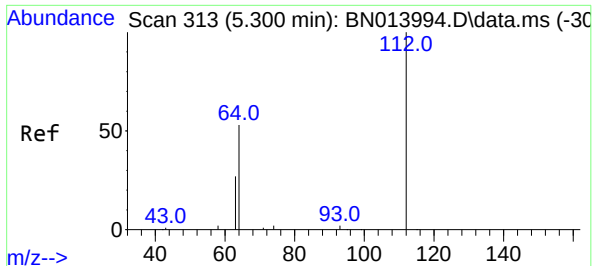
Tgt Ion:152 Resp: 5357
 Ion Ratio Lower Upper
 152 100
 150 149.9 121.8 182.8
 115 57.7 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.19 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014088.D
 Acq: 25 Mar 2021 01:46

Tgt Ion: 88 Resp: 1325
 Ion Ratio Lower Upper
 88 100
 58 89.7 64.6 96.8
 43 0.0 26.6 40.0#

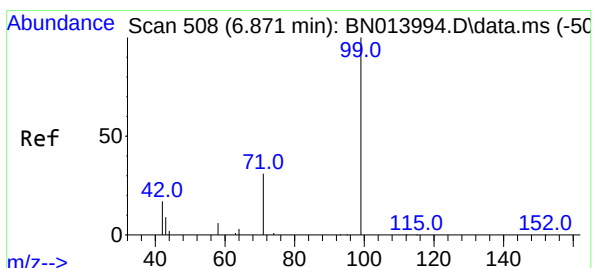
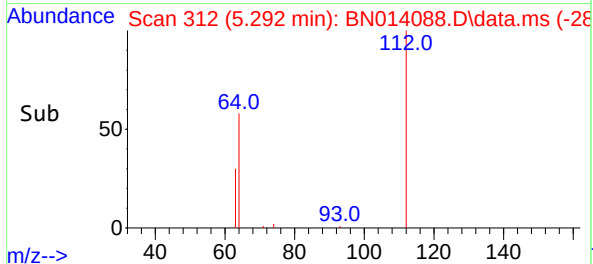
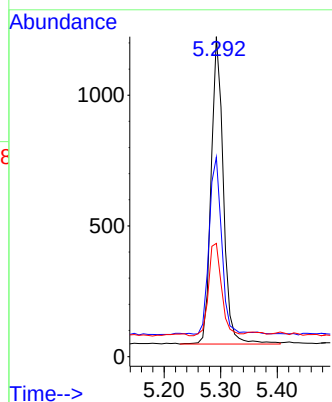
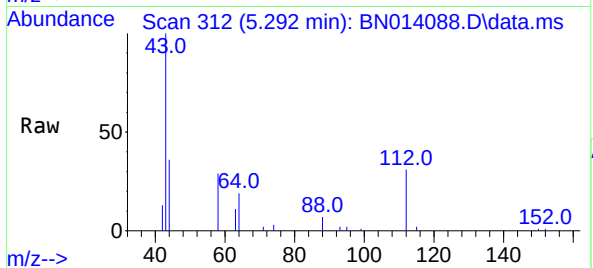




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

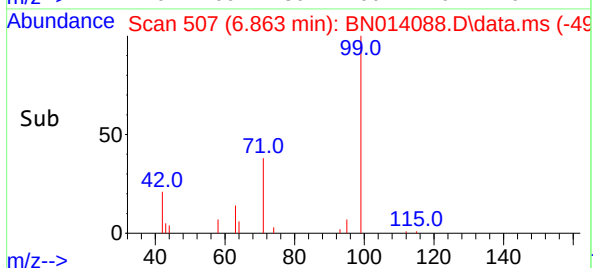
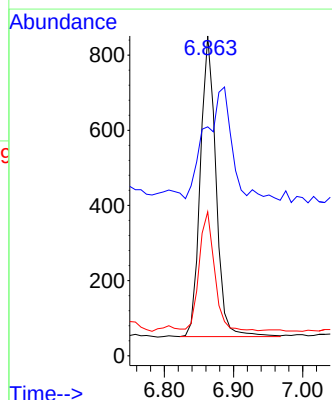
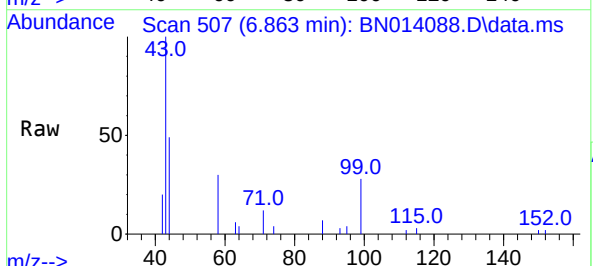
Instrument :
BNA_N
ClientSampleId :
TT180D-20210318

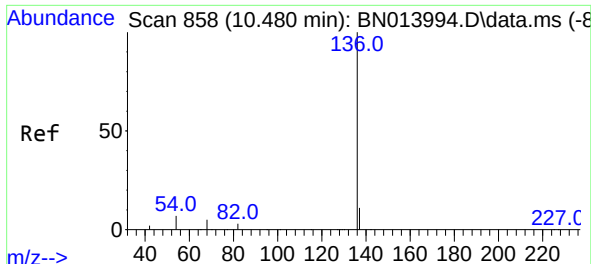
Tgt Ion:112 Resp: 1767
Ion Ratio Lower Upper
112 100
64 59.0 44.3 66.5
63 31.9 23.0 34.6



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

Tgt Ion: 99 Resp: 1254
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 38.8 26.1 39.1

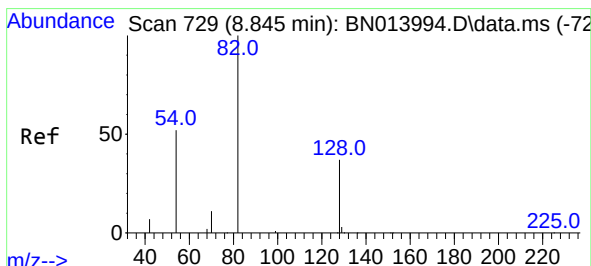
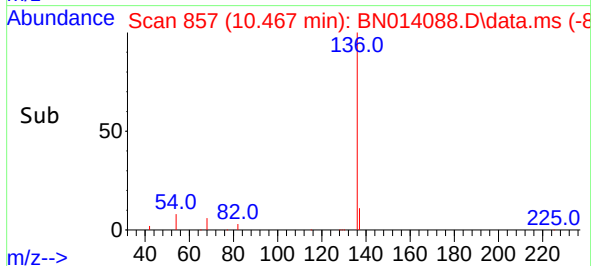
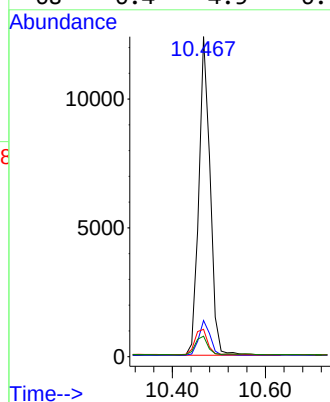
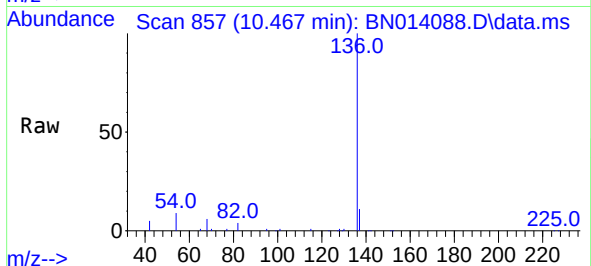




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

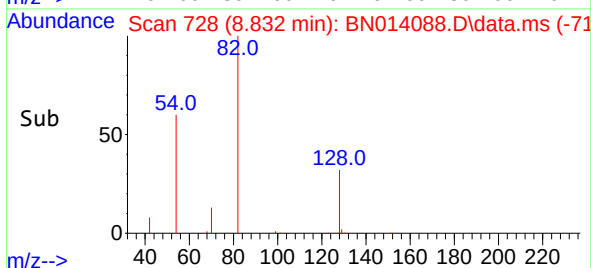
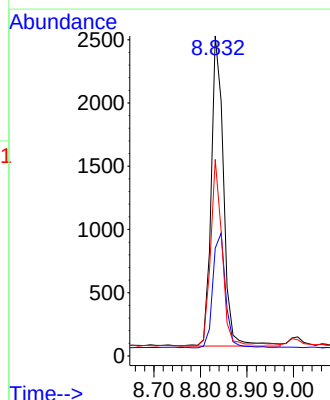
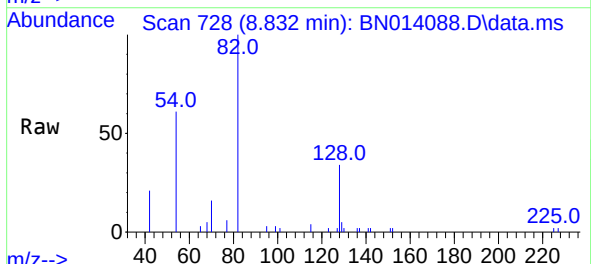
Instrument :
BNA_N
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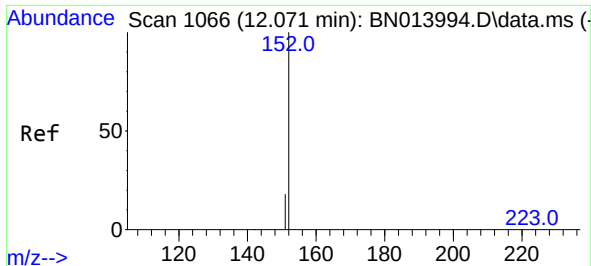
Tgt Ion:	136	Resp:	20809
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	8.5	6.4	9.6
68	6.4	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

Tgt Ion:	82	Resp:	4523
Ion Ratio	Lower	Upper	
82	100		
128	33.7	39.2	58.8#
54	61.4	40.1	60.1#

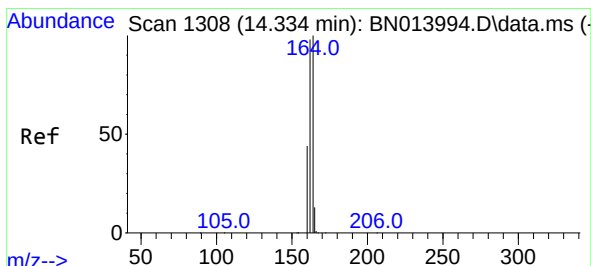
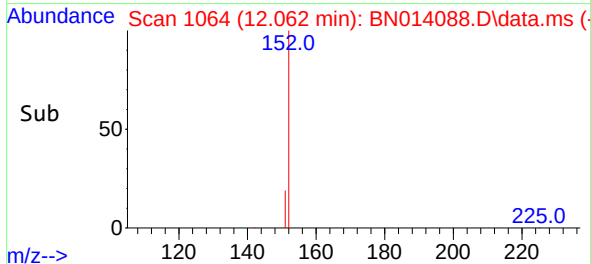
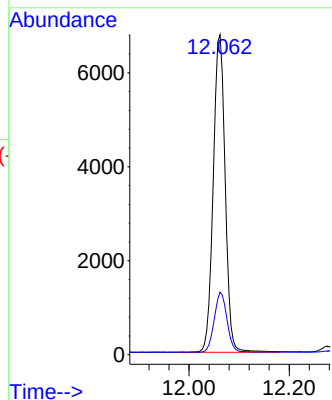
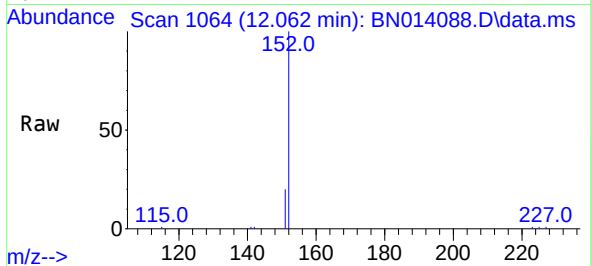




#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

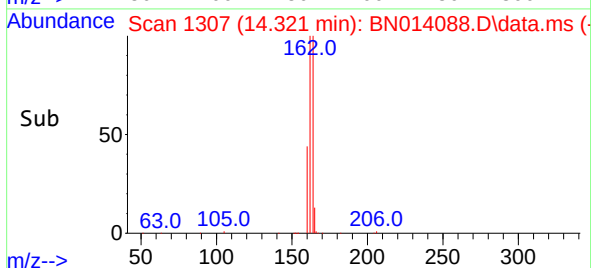
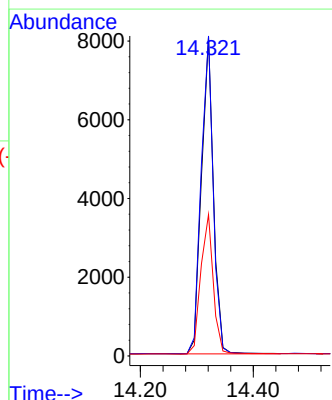
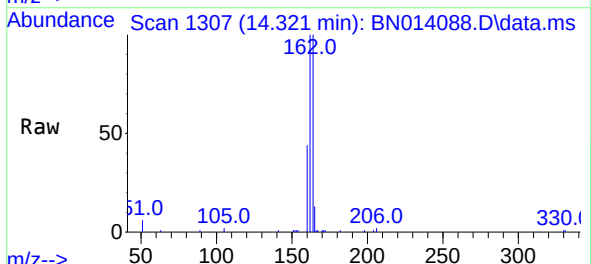
Instrument :
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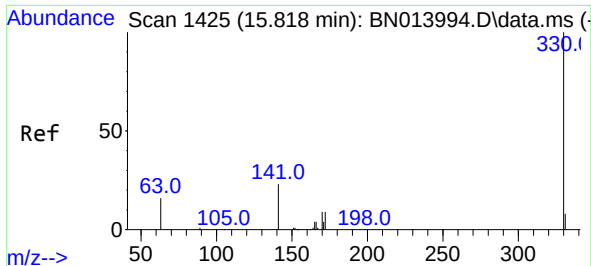
Tgt Ion:152 Resp: 11142
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

Tgt Ion:164 Resp: 11877
Ion Ratio Lower Upper
164 100
162 100.2 79.6 119.4
160 44.3 36.0 54.0

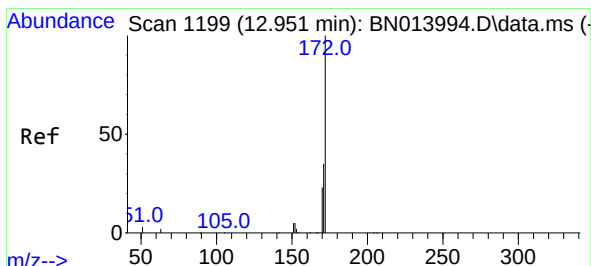
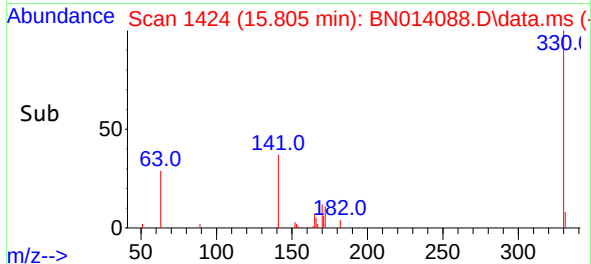
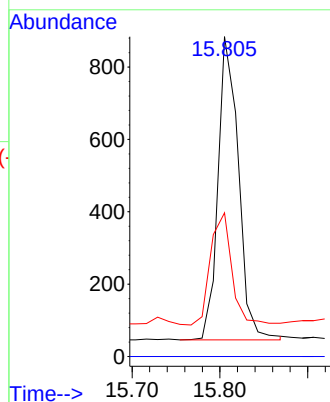
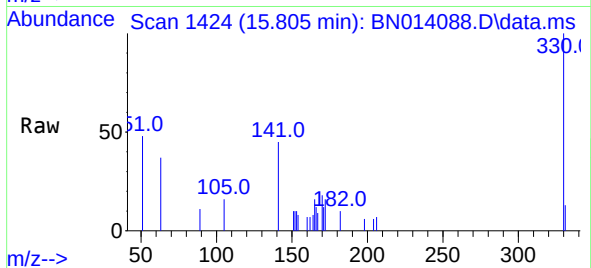




#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

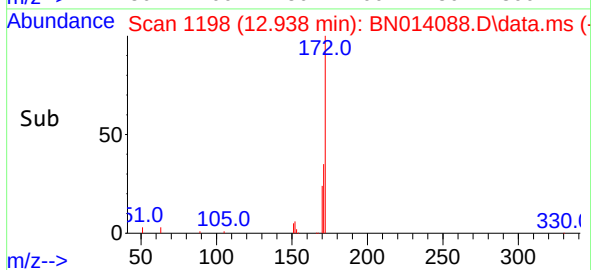
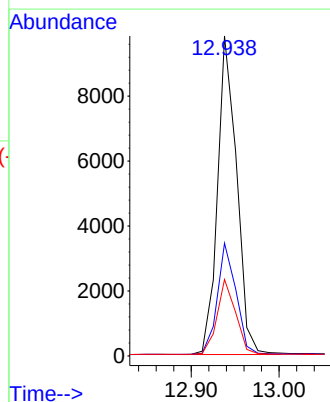
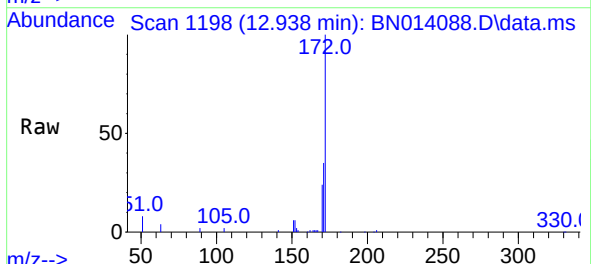
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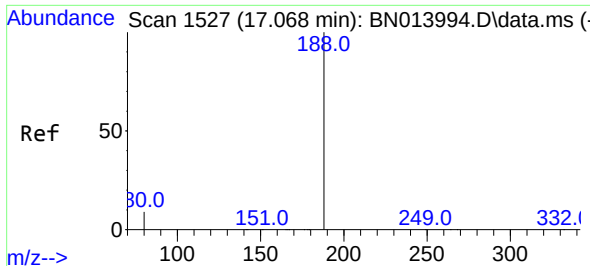
Tgt Ion: 330 Resp: 1356
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.6 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

Tgt Ion: 172 Resp: 14874
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.9 18.9 28.3

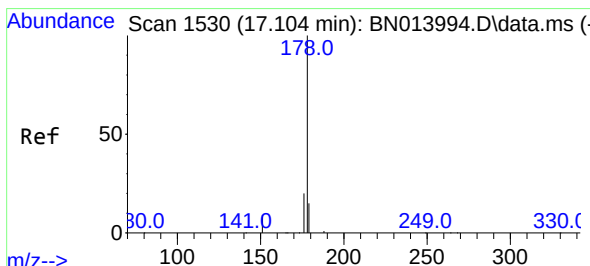
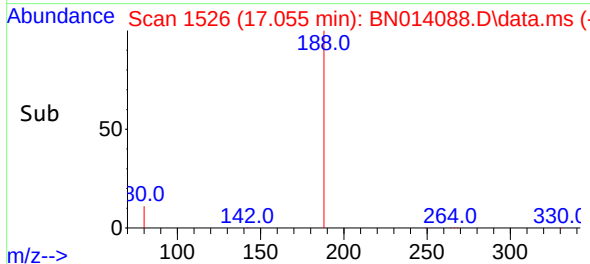
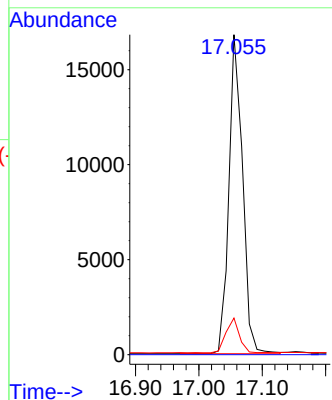
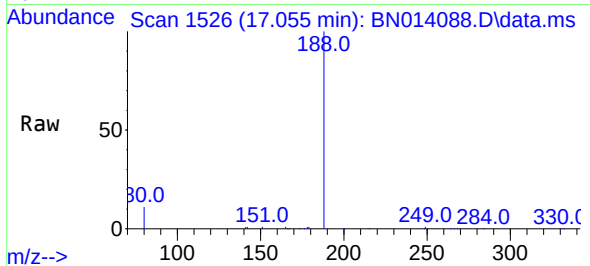




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

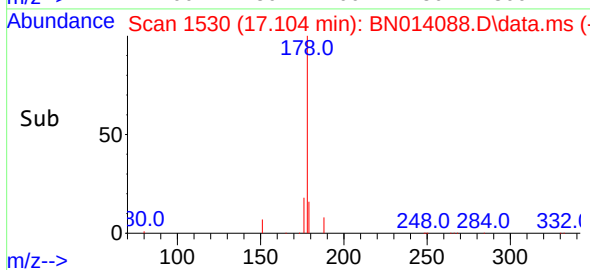
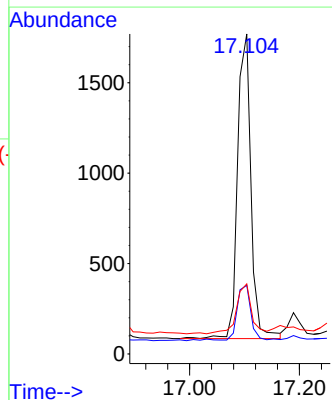
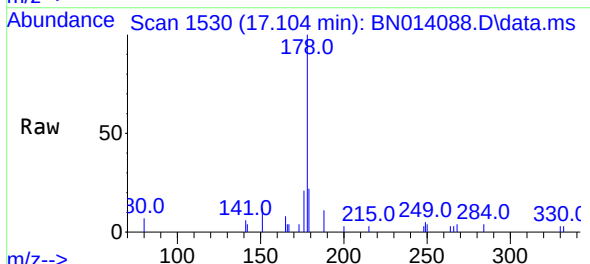
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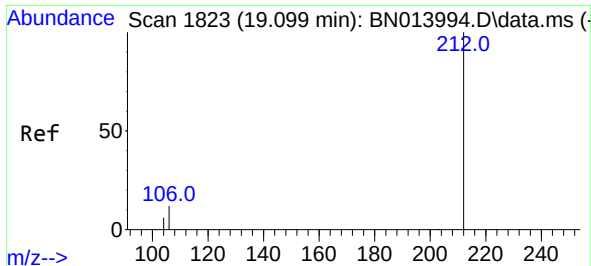
Tgt Ion:188 Resp: 25064
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 9.0 13.6



#25
Phenanthrene
Concen: 0.04 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

Tgt Ion:178 Resp: 2838
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 18.4 12.3 18.5

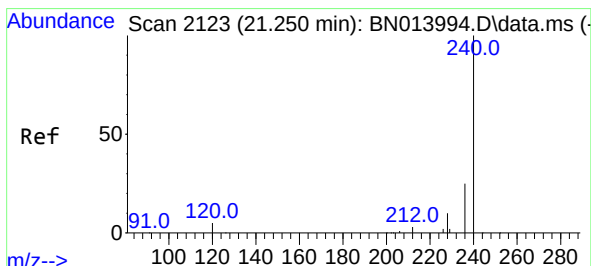
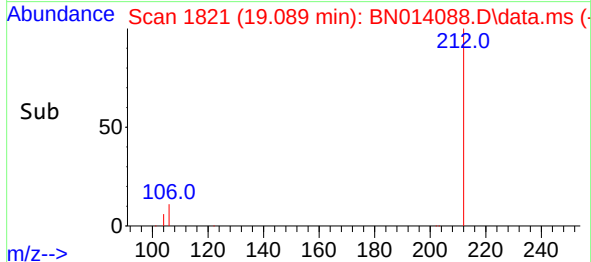
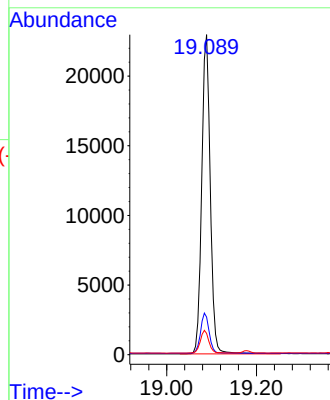
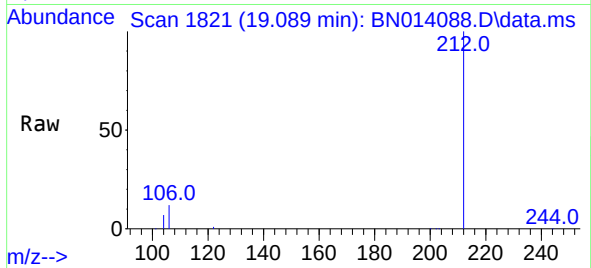




#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

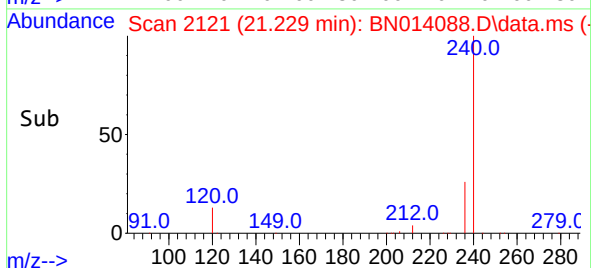
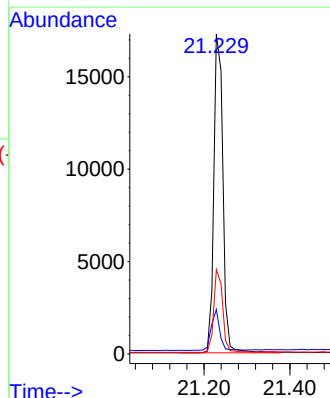
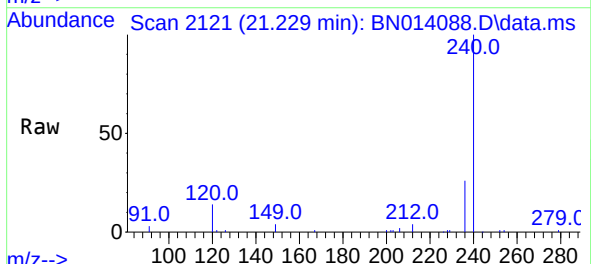
Instrument :
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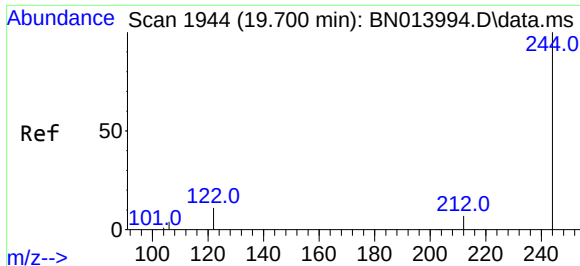
Tgt Ion:212 Resp: 30319
Ion Ratio Lower Upper
212 100
106 12.6 9.7 14.5
104 7.2 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.010 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

Tgt Ion:240 Resp: 25445
Ion Ratio Lower Upper
240 100
120 13.9 10.2 15.4
236 26.4 21.3 31.9

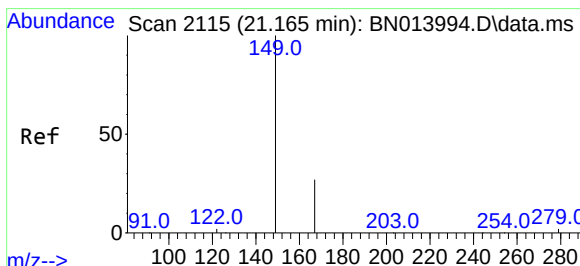
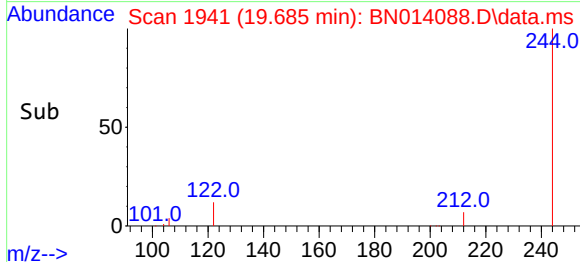
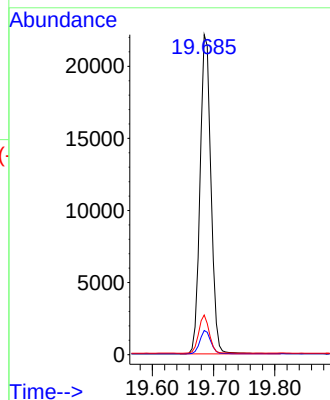
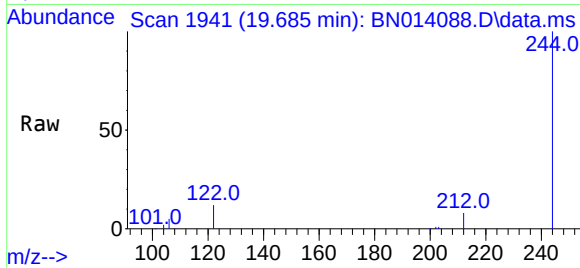




#31
Terphenyl-d14
Concen: 0.49 ng
RT: 19.685 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

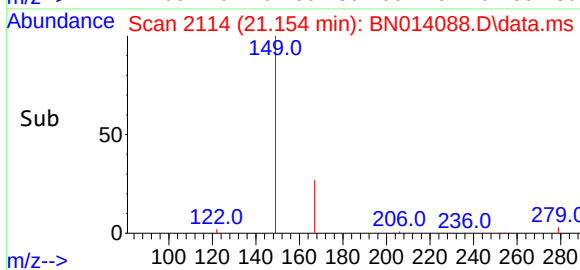
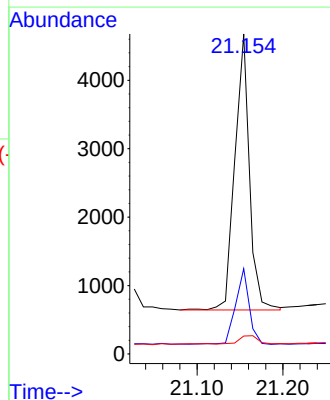
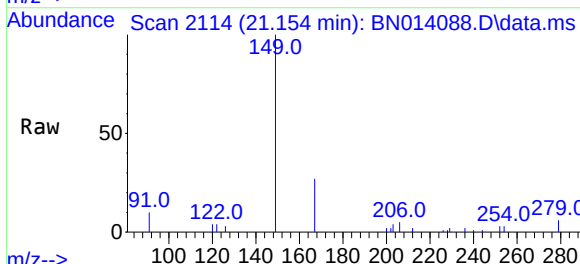
Instrument :
BNA_N
ClientSampleId :
TT180D-20210318

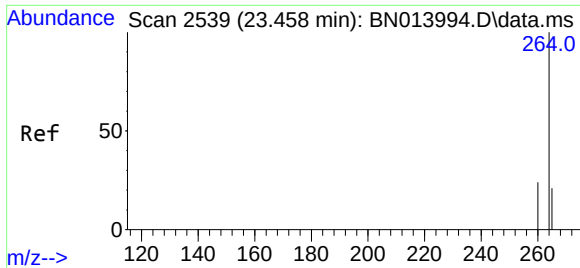
Tgt Ion:244 Resp: 27328
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 12.4 9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.18 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014088.D
Acq: 25 Mar 2021 01:46

Tgt Ion:149 Resp: 4749
Ion Ratio Lower Upper
149 100
167 25.7 22.1 33.1
279 3.9 3.5 5.3





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.438 min Scan# 2533
 Delta R.T. -0.010 min
 Lab File: BN014088.D
 Acq: 25 Mar 2021 01:46

Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20210318

Tgt Ion:264	Resp:	24574
Ion Ratio	Lower	Upper
264	100	
260	24.5	19.3 28.9
265	33.5	66.2 99.4#

