

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014161.D
 Acq On : 01 Apr 2021 03:52
 Operator : CG/JU
 Sample : M1842-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20210324

Quant Time: Apr 01 04:23:15 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)

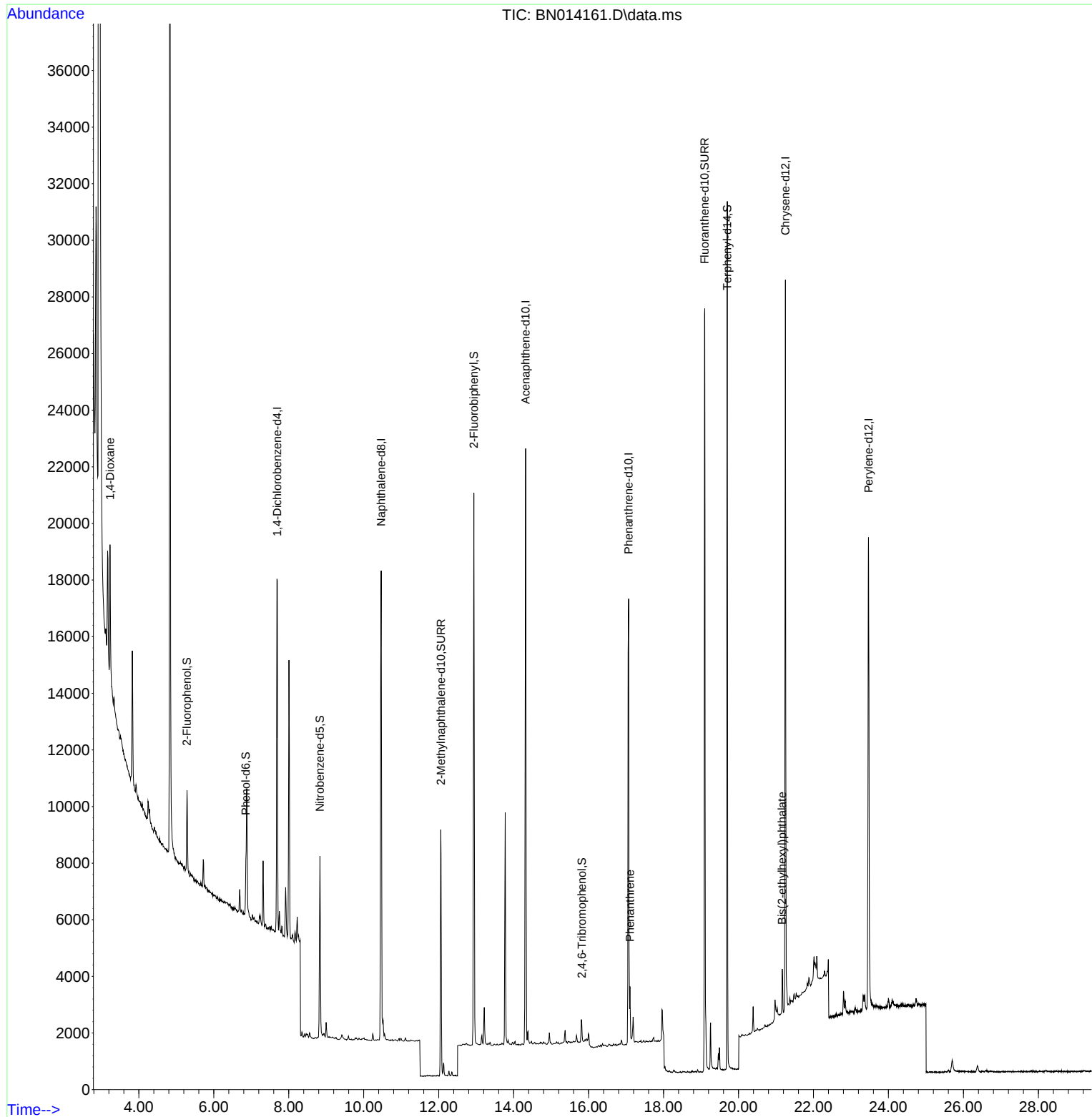
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6205	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	22681	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	12037	0.40	ng	0.00
19) Phenanthrene-d10	17.068	188	23986	0.40	ng	0.00
29) Chrysene-d12	21.250	240	23739	0.40	ng	# 0.00
36) Perylene-d12	23.469	264	23187	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	2214	0.14	ng	0.00
5) Phenol-d6	6.855	99	1652	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	5152	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	11887	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	607	0.16	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	16304	0.36	ng	0.00
27) Fluoranthene-d10	19.099	212	31279	0.50	ng	0.00
31) Terphenyl-d14	19.700	244	30671	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	3298	0.41	ng	# 70
25) Phenanthrene	17.104	178	1880	0.03	ng	98
34) Bis(2-ethylhexyl)phtha...	21.165	149	1646	0.08	ng	# 98

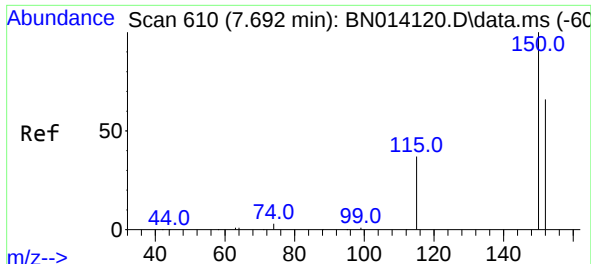
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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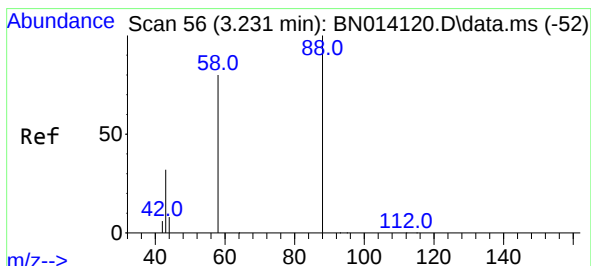
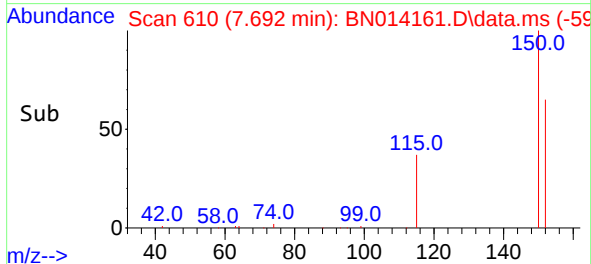
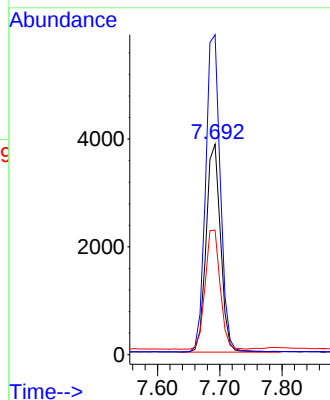
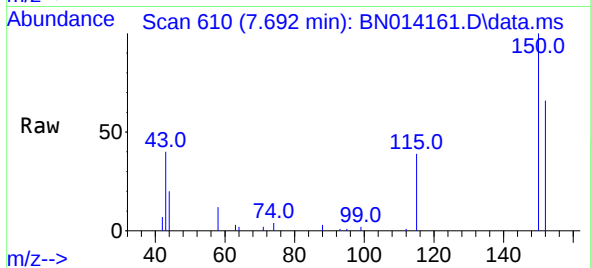




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014161.D
 Acq: 01 Apr 2021 03:52

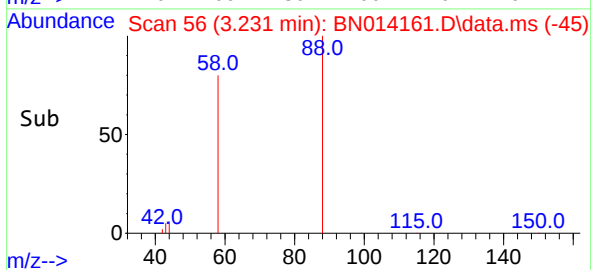
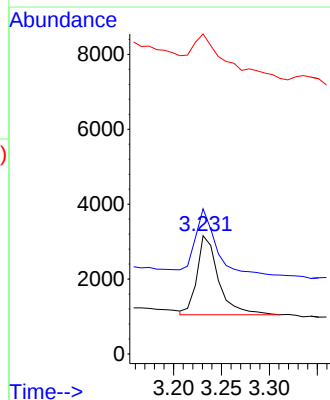
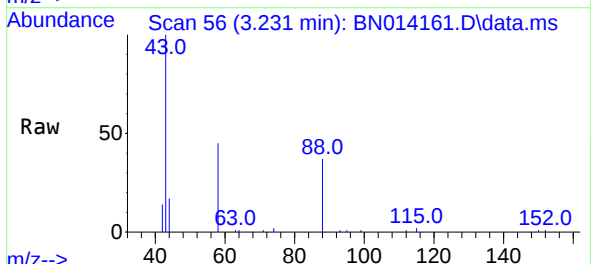
Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20210324

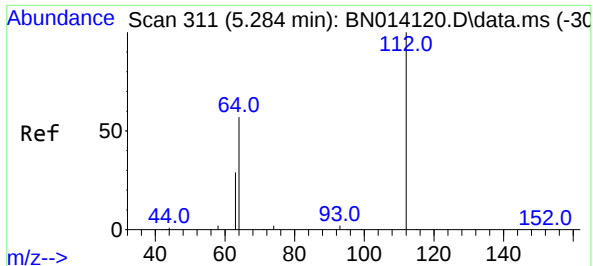
Tgt Ion:152 Resp: 6205
 Ion Ratio Lower Upper
 152 100
 150 152.1 121.2 181.8
 115 59.2 46.2 69.2



#2
 1,4-Dioxane
 Concen: 0.41 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.008 min
 Lab File: BN014161.D
 Acq: 01 Apr 2021 03:52

Tgt Ion: 88 Resp: 3298
 Ion Ratio Lower Upper
 88 100
 58 80.7 63.1 94.7
 43 88.0 26.2 39.2#



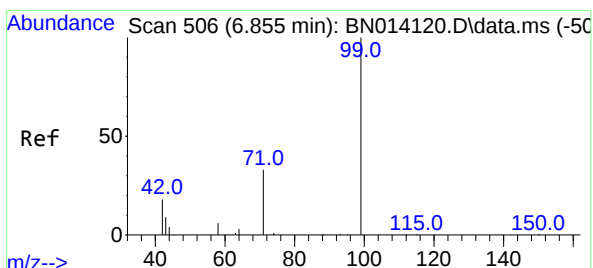
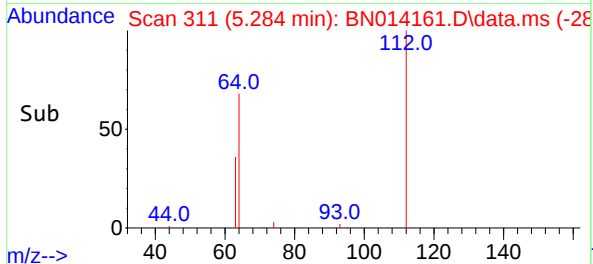
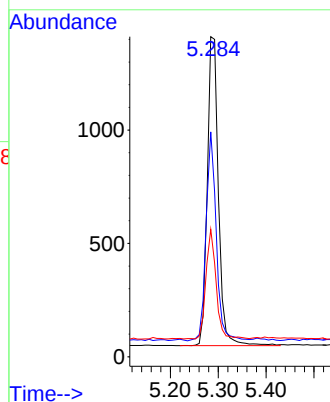
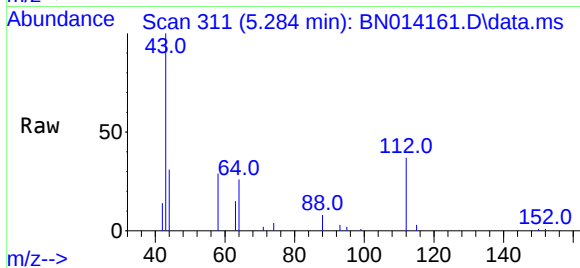


#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

Instrument :
BNA_N
ClientSampleId :
RE123D2-20210324

Tgt Ion: 112 Resp: 2214

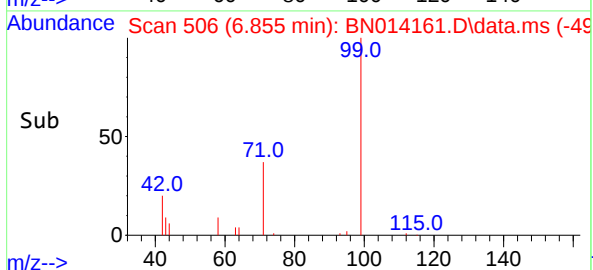
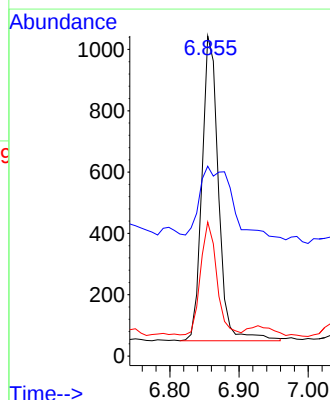
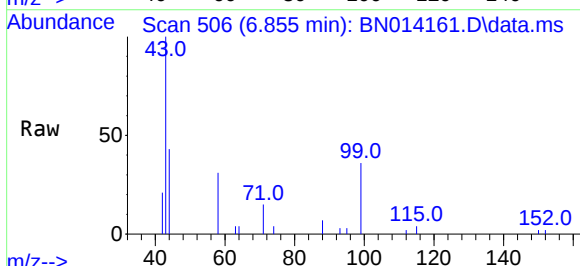
Ion	Ratio	Lower	Upper
112	100		
64	62.1	48.3	72.5
63	31.8	25.4	38.0

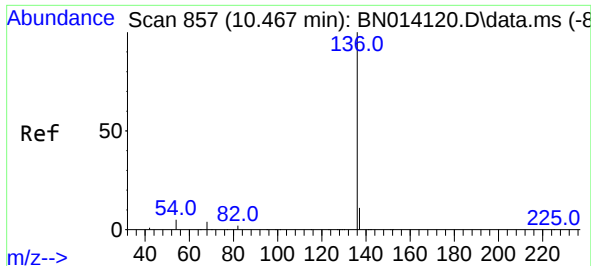


#5
Phenol-d6
Concen: 0.08 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

Tgt Ion: 99 Resp: 1652

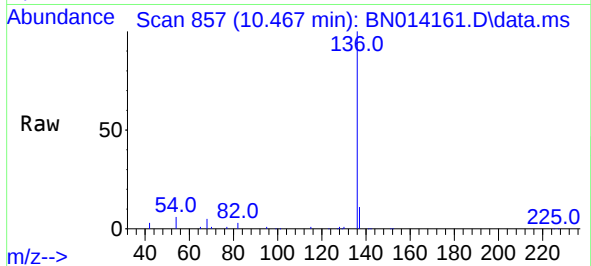
Ion	Ratio	Lower	Upper
99	100		
42	48.5	18.2	27.4
71	36.6	26.7	40.1



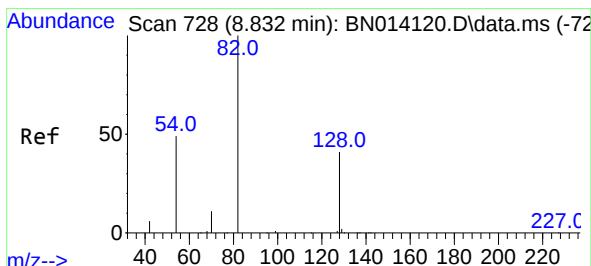
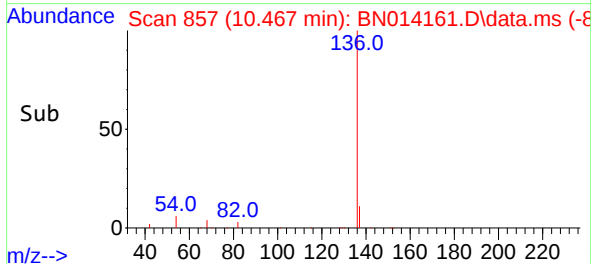
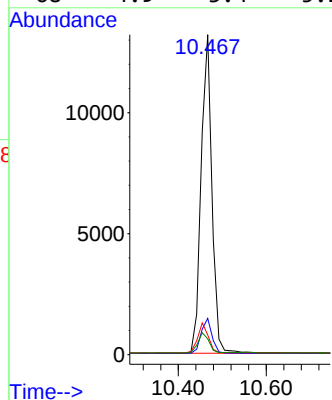


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

Instrument :
BNA_N
ClientSampleId :
RE123D2-20210324

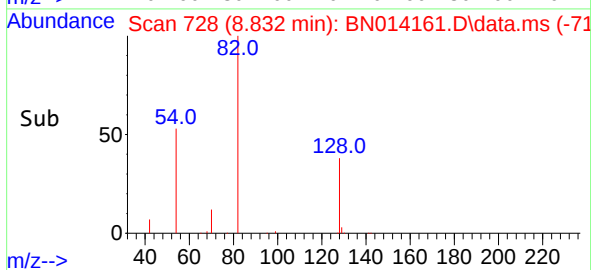
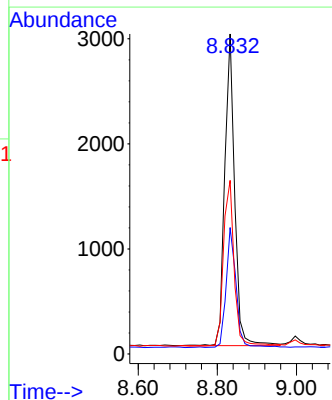
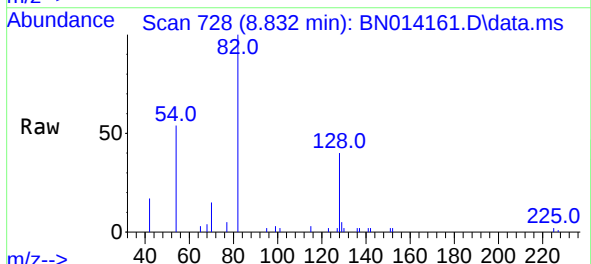


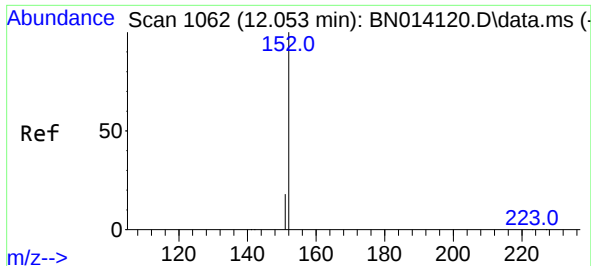
Tgt Ion:	136	Resp:	22681
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.1	4.3	6.5
68	4.9	3.4	5.2



#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

Tgt Ion:	82	Resp:	5152
Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.5	50.3
54	54.3	40.3	60.5

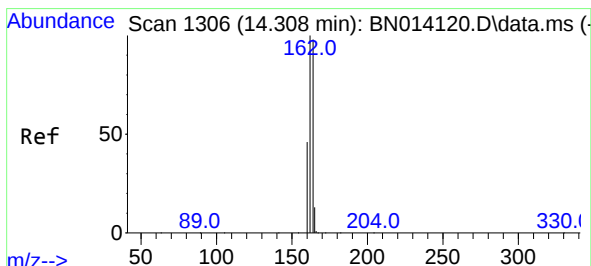
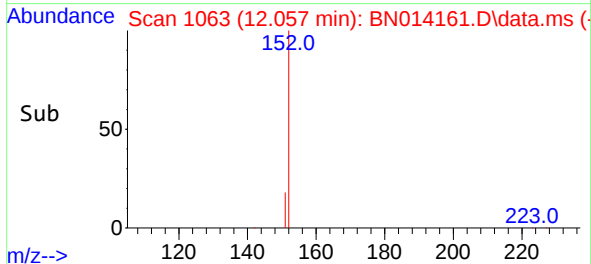
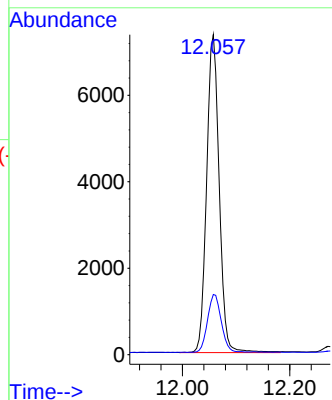
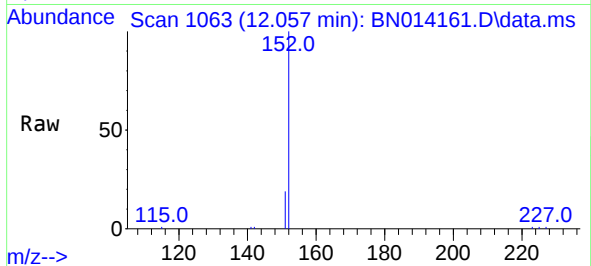




#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

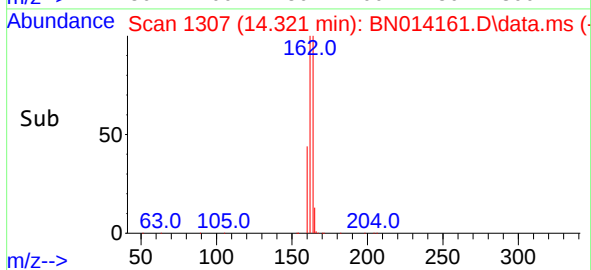
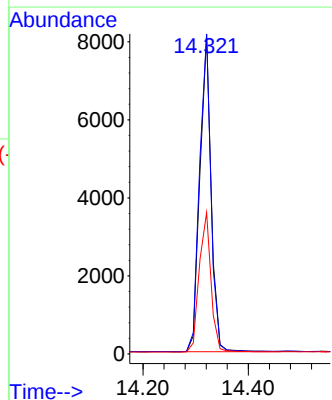
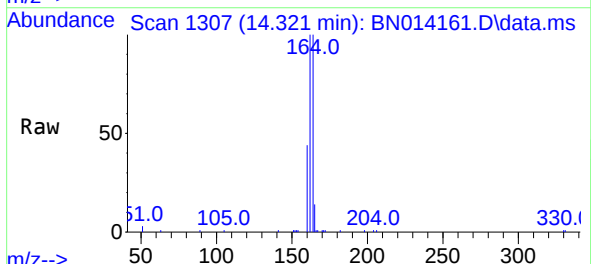
Instrument :
BNA_N
ClientSampleId :
RE123D2-20210324

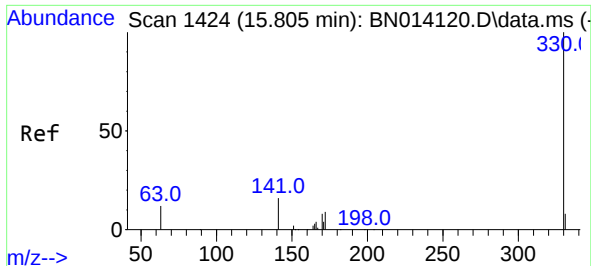
Tgt Ion:152 Resp: 11887
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

Tgt Ion:164 Resp: 12037
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.2
160 44.3 37.5 56.3

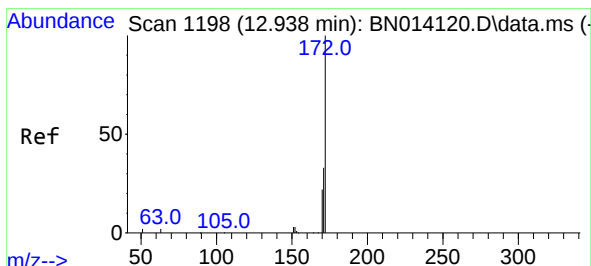
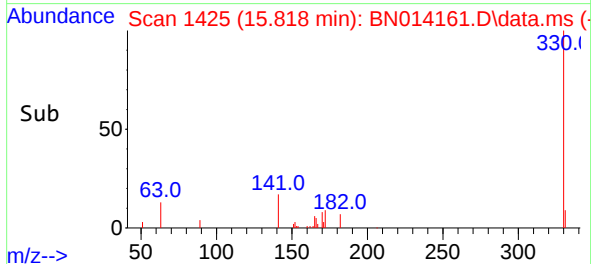
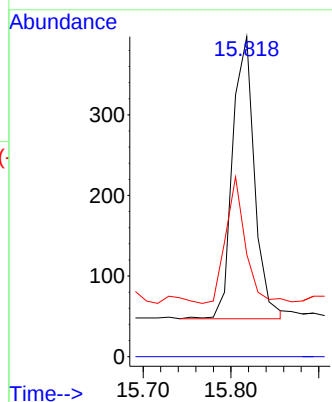
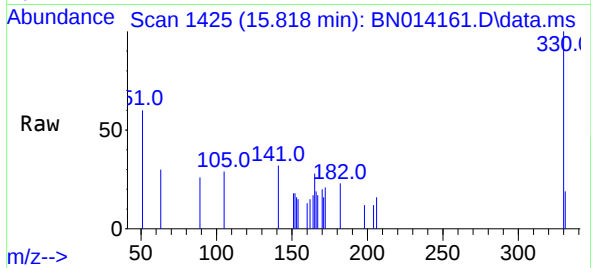




#14
2,4,6-Tribromophenol
Concen: 0.16 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.013 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

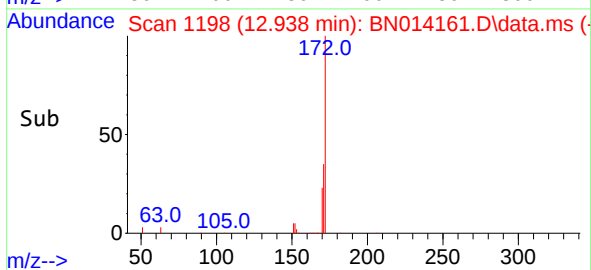
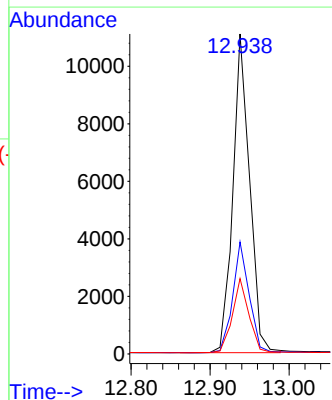
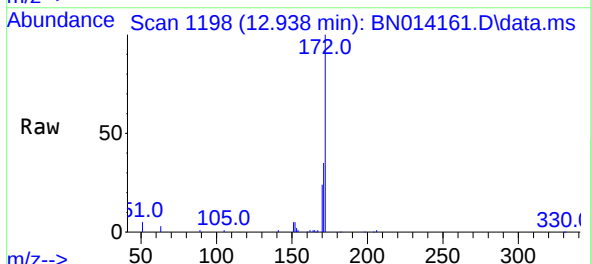
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BNA_N
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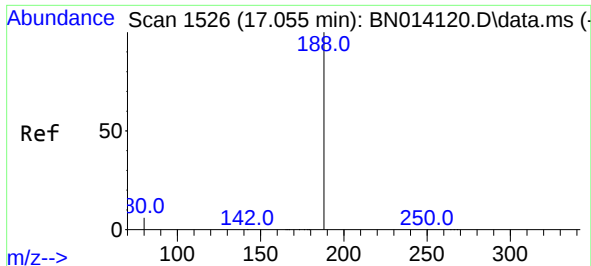
Tgt Ion:330 Resp: 607
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.7 31.2 46.8



#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

Tgt Ion:172 Resp: 16304
Ion Ratio Lower Upper
172 100
171 35.0 26.9 40.3
170 23.6 17.8 26.8

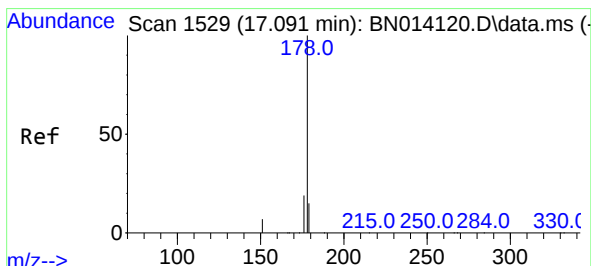
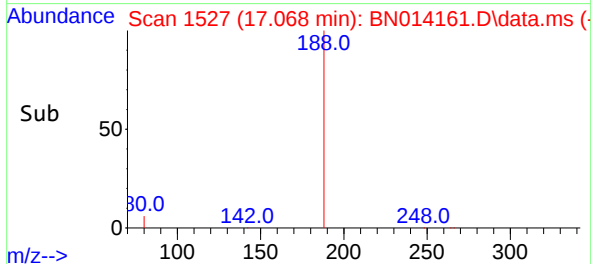
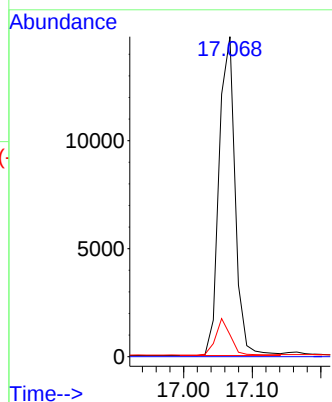
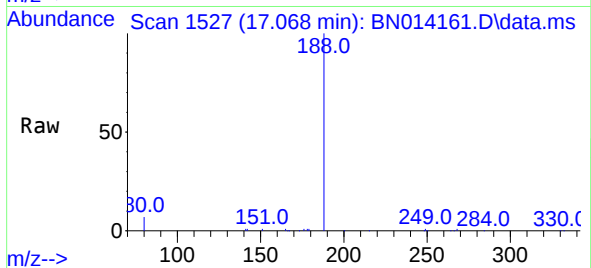




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.068 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

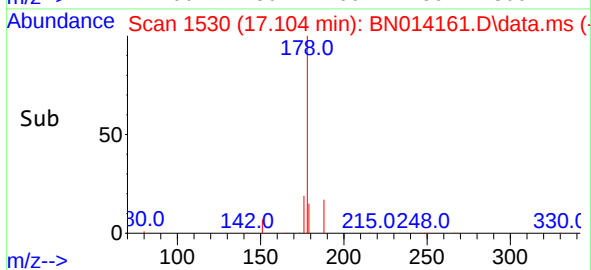
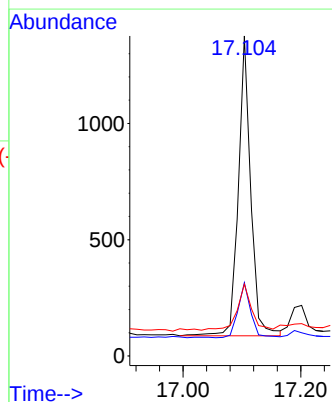
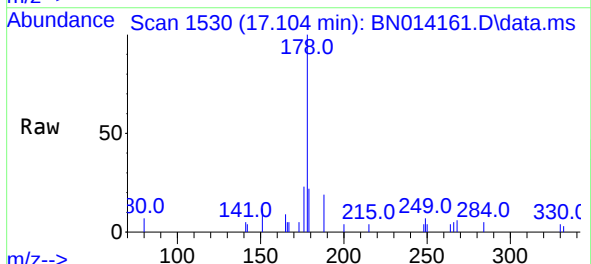
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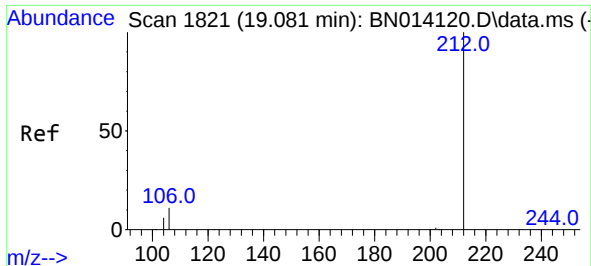
Tgt Ion:188	Resp:	23986
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	6.9	5.2



#25
Phenanthrene
Concen: 0.03 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

Tgt Ion:178	Resp:	1880
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.0
179	17.7	12.4

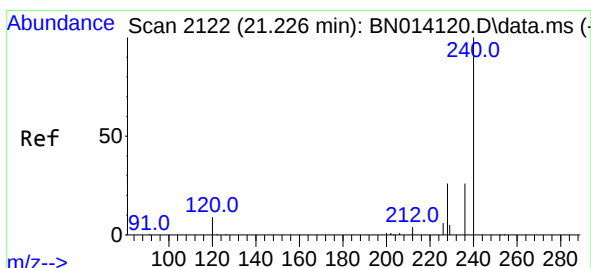
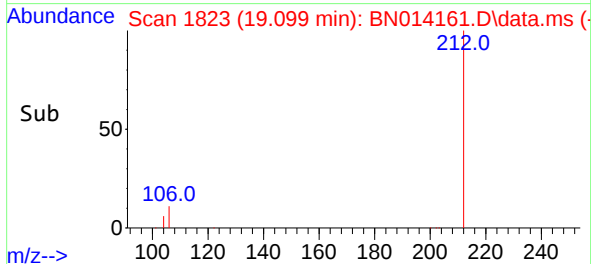
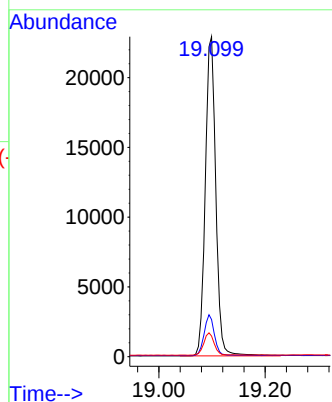
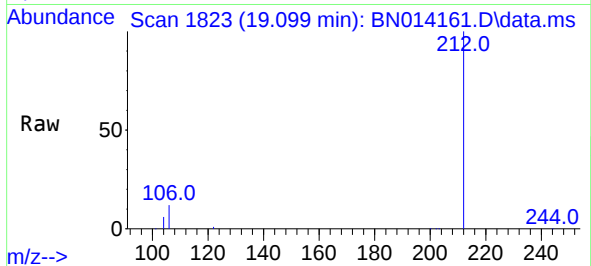




#27
Fluoranthene-d10
Concen: 0.50 ng
RT: 19.099 min Scan# 1823
Delta R.T. 0.003 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

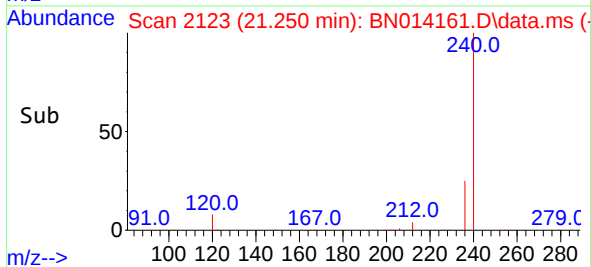
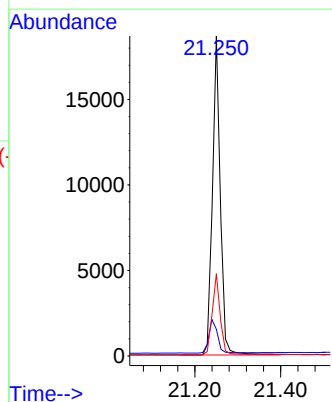
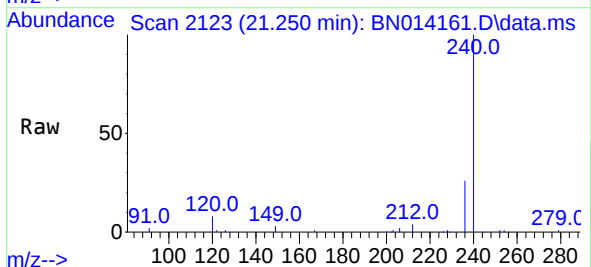
Instrument :
BNA_N
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RE123D2-20210324

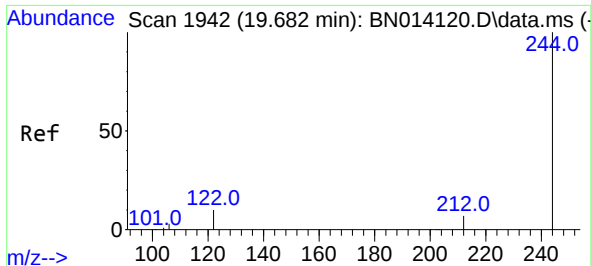
Tgt Ion:212 Resp: 31279
Ion Ratio Lower Upper
212 100
106 12.6 10.1 15.1
104 7.0 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

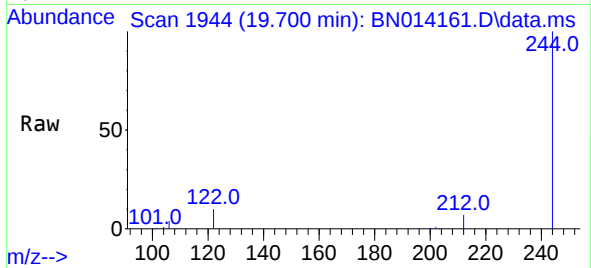
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Ion Ratio Lower Upper
240 100
120 8.3 8.4 12.6#
236 25.7 21.0 31.6



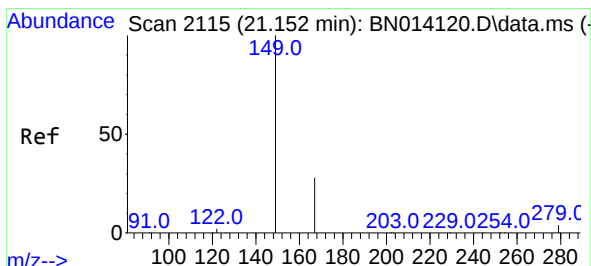
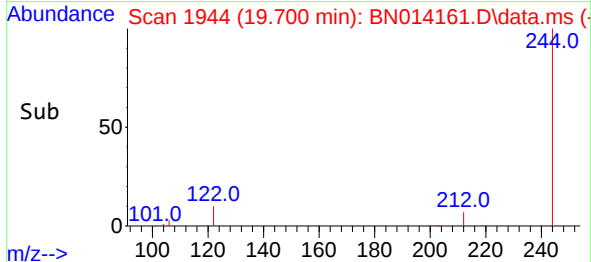
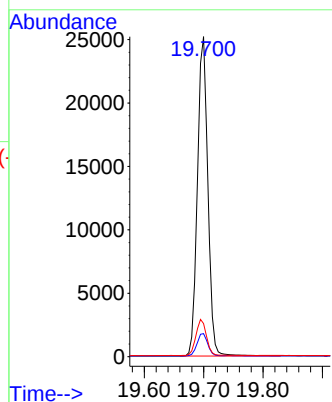


#31
Terphenyl-d14
Concen: 0.56 ng
RT: 19.700 min Scan# 1944
Delta R.T. 0.003 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

Instrument :
BNA_N
ClientSampleId :
RE123D2-20210324

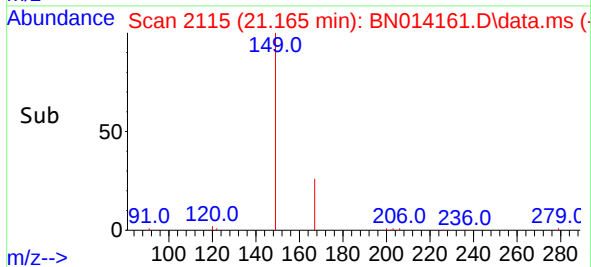
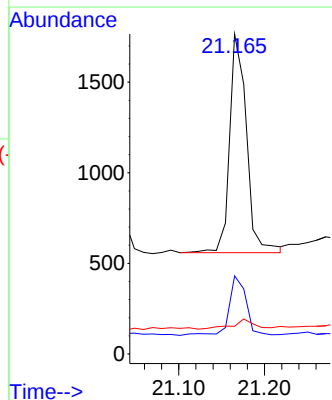
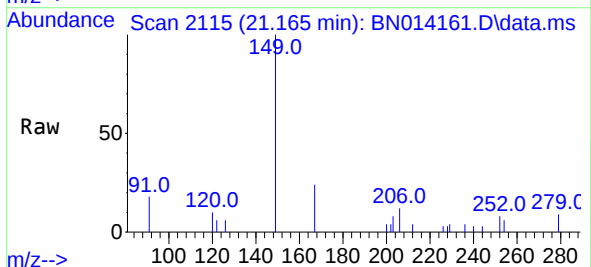


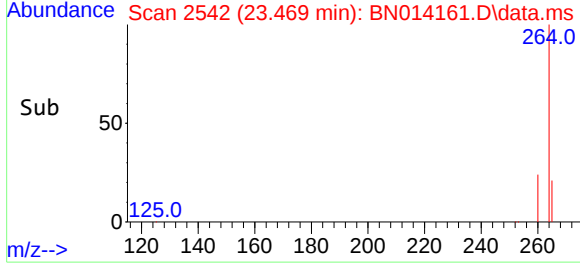
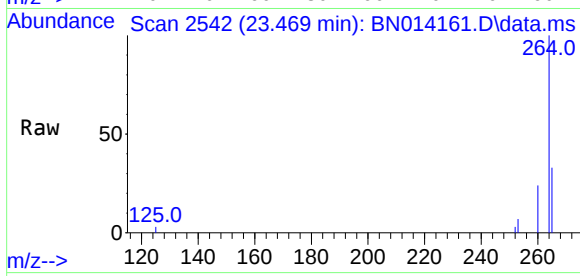
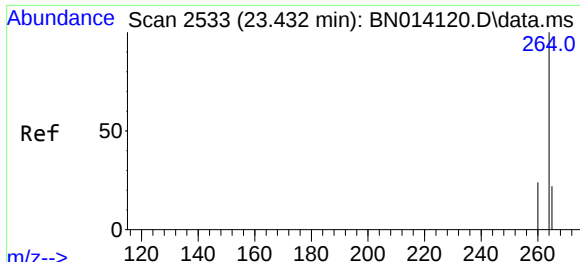
Tgt Ion:244 Resp: 30671
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.4 8.6 13.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.165 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

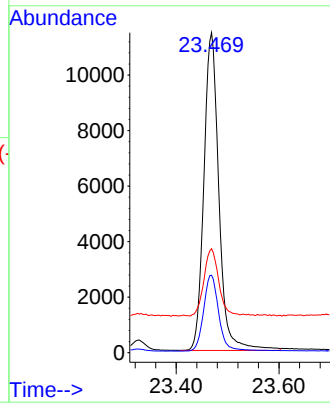
Tgt Ion:149 Resp: 1646
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.2
279 5.9 3.5 5.3#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.469 min Scan# 2542
Delta R.T. 0.003 min
Lab File: BN014161.D
Acq: 01 Apr 2021 03:52

Tgt Ion:264	Resp:	23187
Ion	Ratio	Lower Upper
264	100	
260	24.2	19.8 29.8
265	32.5	30.7 46.1



Instrument :
BNA_N
ClientSampleId :
RE123D2-20210324