

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
 Data File : BN014024.D
 Acq On : 22 Mar 2021 21:54
 Operator : CG/JU
 Sample : M1736-02DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20210317DL

Quant Time: Mar 23 00:21:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 19 14:40:09 2021
 Response via : Initial Calibration

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

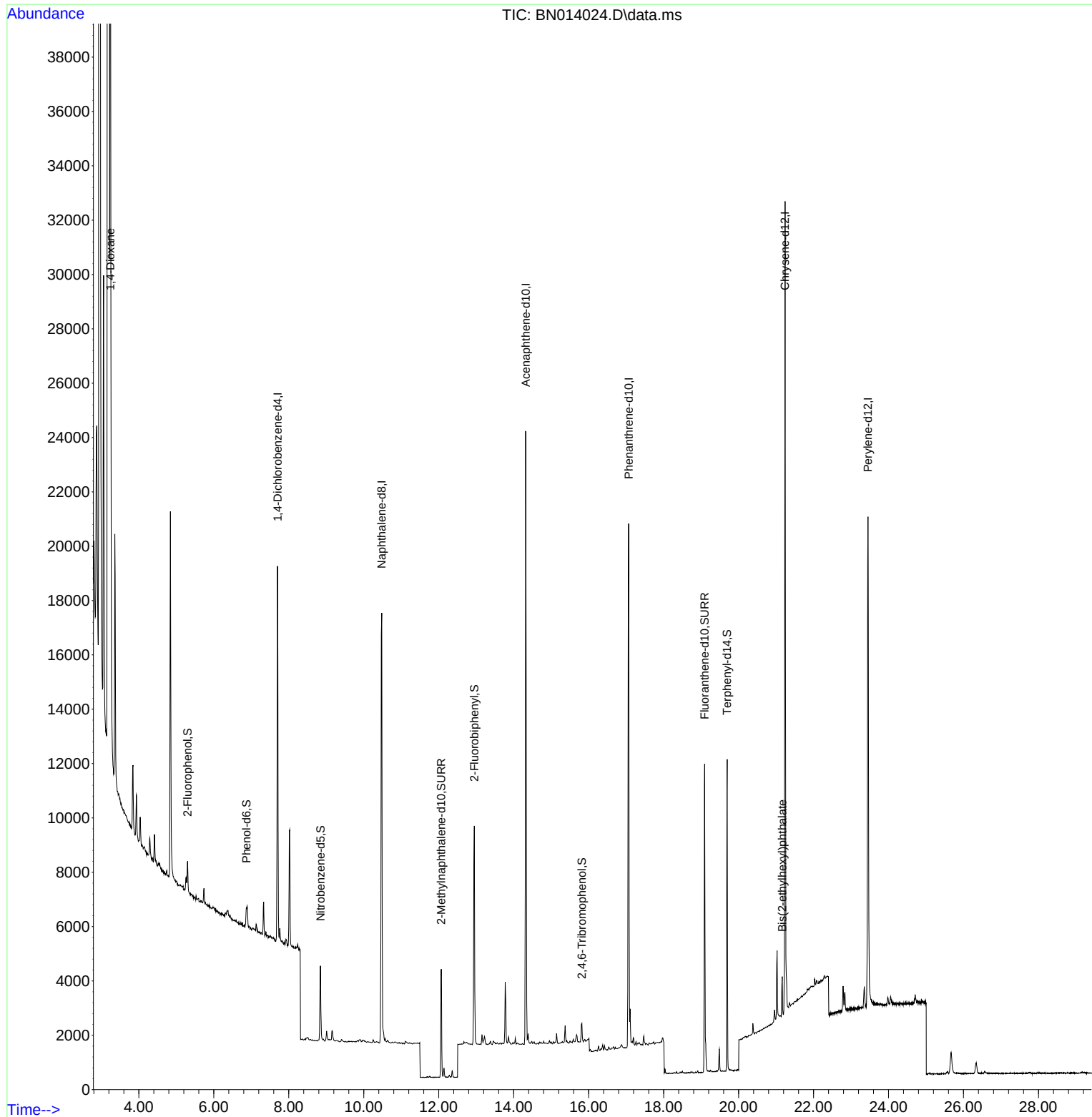
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	6266	0.40	ng	0.00
7) Naphthalene-d8	10.480	136	23144	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	12692	0.40	ng	-0.01
19) Phenanthrene-d10	17.067	188	28023	0.40	ng	# 0.00
29) Chrysene-d12	21.239	240	27368	0.40	ng	#-0.01
36) Perylene-d12	23.451	264	25213	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	885	0.06	ng	0.00
5) Phenol-d6	6.871	99	614	0.03	ng	0.00
8) Nitrobenzene-d5	8.845	82	2179	0.14	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	5387	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	560	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	7566	0.16	ng	0.00
27) Fluoranthene-d10	19.094	212	13031	0.17	ng	0.00
31) Terphenyl-d14	19.695	244	11416	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	25194	3.05	ng	98
34) Bis(2-ethylhexyl)phtha...	21.165	149	1401	0.05	ng	99

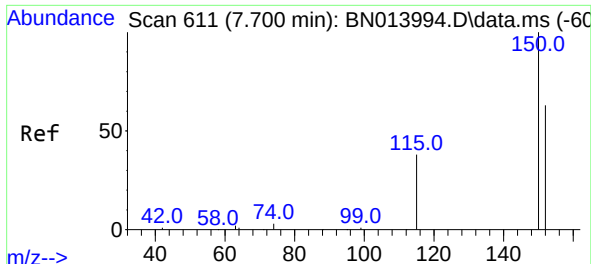
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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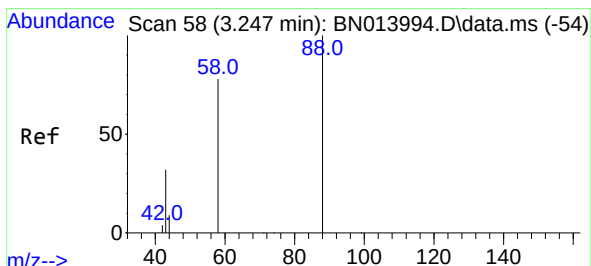
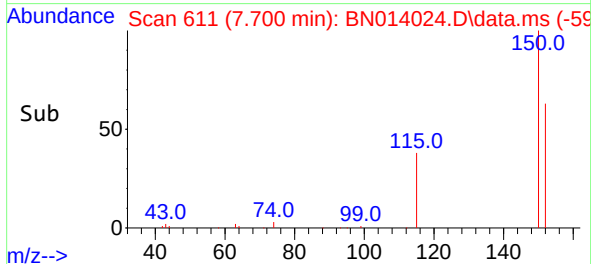
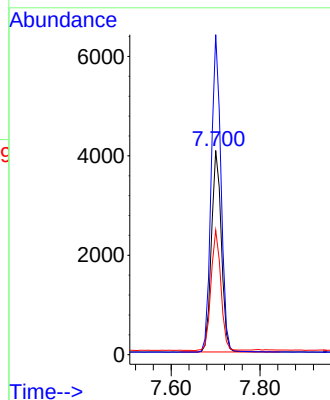
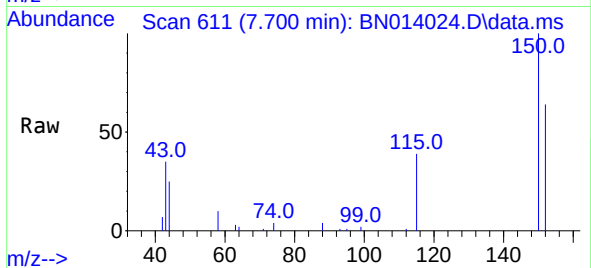


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014024.D
 Acq: 22 Mar 2021 21:54

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20210317DL

Tgt Ion: 152 Resp: 6266

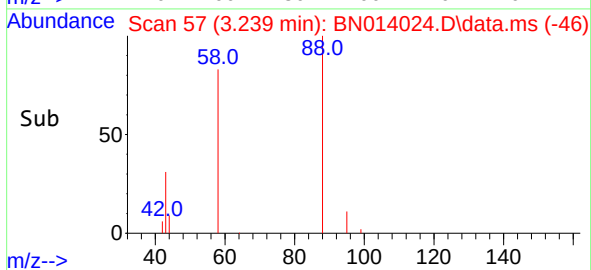
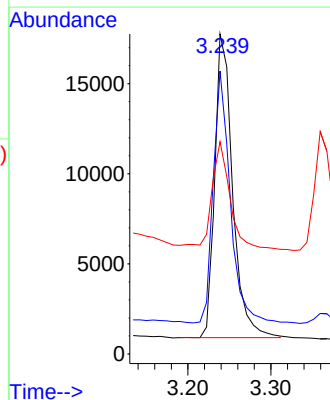
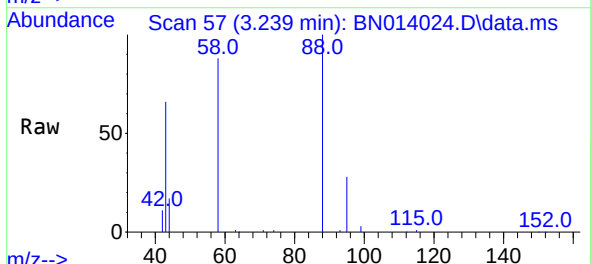
Ion	Ratio	Lower	Upper
152	100		
150	156.8	121.8	182.8
115	61.0	46.6	69.8

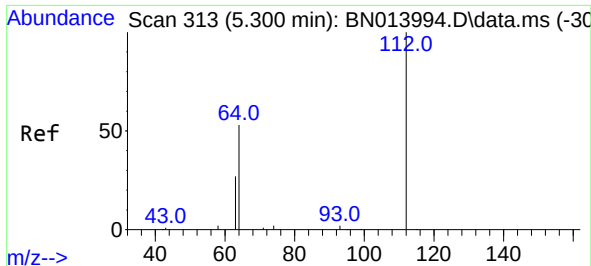


#2
 1,4-Dioxane
 Concen: 3.05 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014024.D
 Acq: 22 Mar 2021 21:54

Tgt Ion: 88 Resp: 25194

Ion	Ratio	Lower	Upper
88	100		
58	79.0	64.6	96.8
43	35.2	26.6	40.0



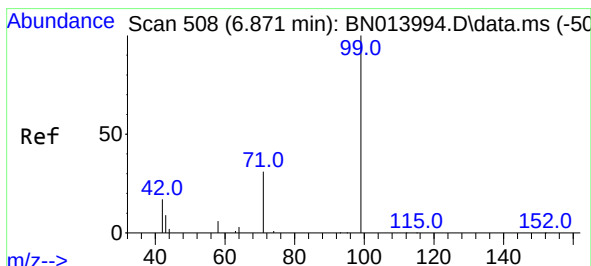
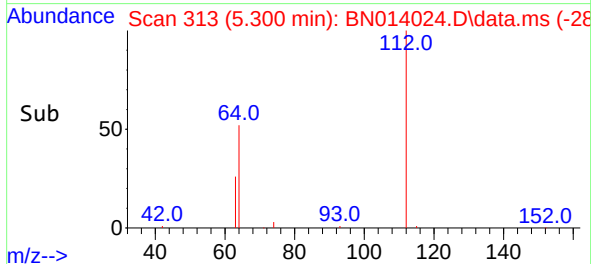
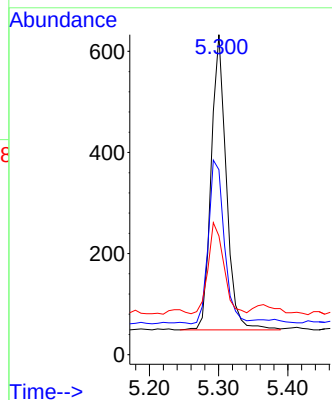
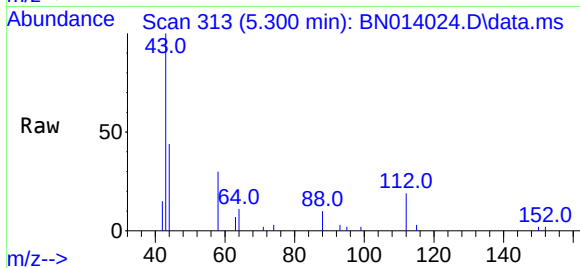


#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20210317DL

Tgt Ion:112 Resp: 885

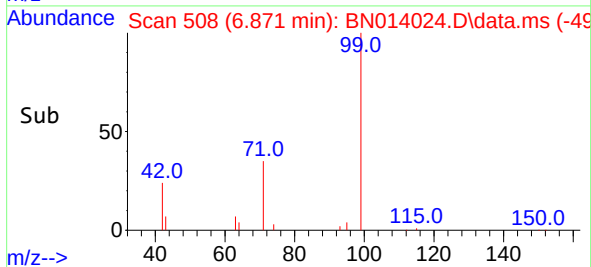
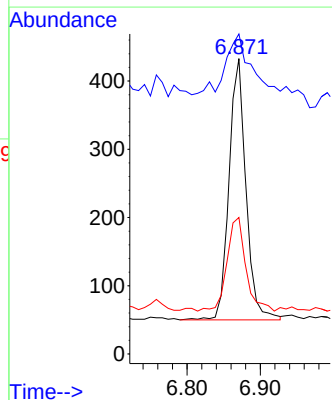
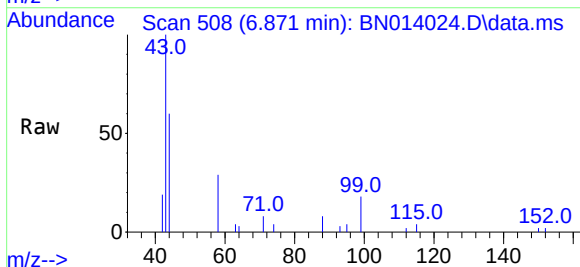
Ion	Ratio	Lower	Upper
112	100		
64	58.8	44.3	66.5
63	32.4	23.0	34.6

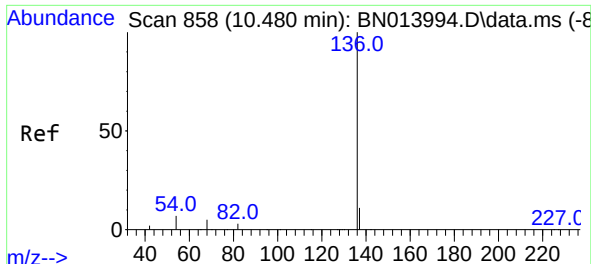


#5
Phenol-d6
Concen: 0.03 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Tgt Ion: 99 Resp: 614

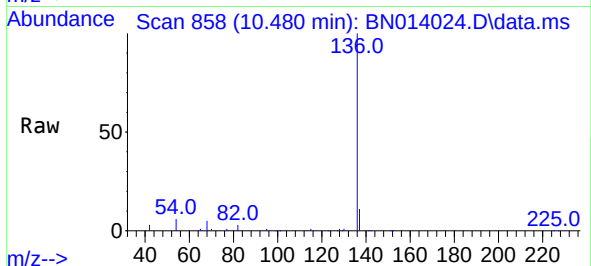
Ion	Ratio	Lower	Upper
99	100		
42	64.8	15.2	22.8#
71	39.7	26.1	39.1#



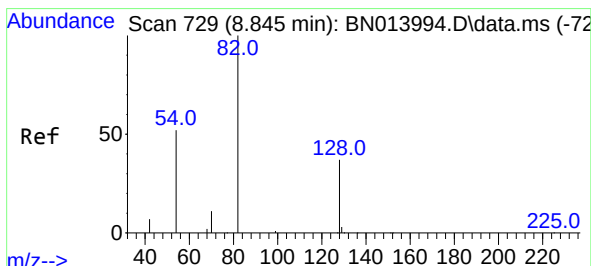
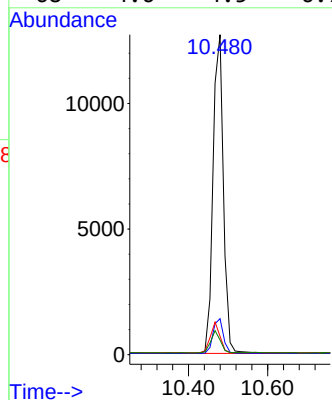


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.480 min Scan# 858
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20210317DL

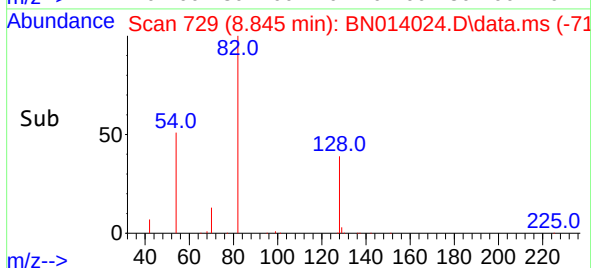
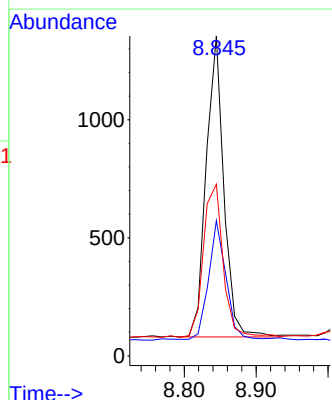
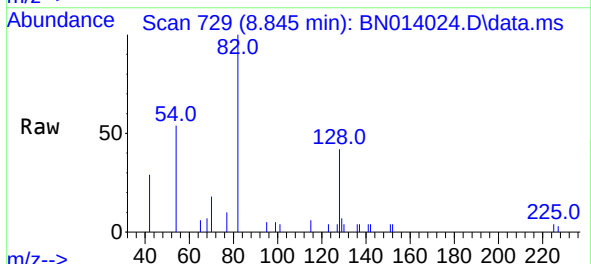


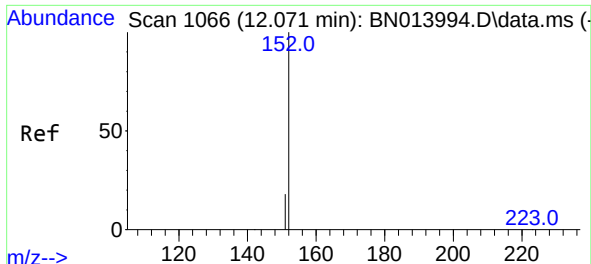
Tgt Ion:	136	Resp:	23144
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	5.8	6.4	9.6#
68	4.6	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.14 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Tgt Ion:	82	Resp:	2179
Ion	Ratio	Lower	Upper
82	100		
128	42.3	39.2	58.8
54	53.7	40.1	60.1

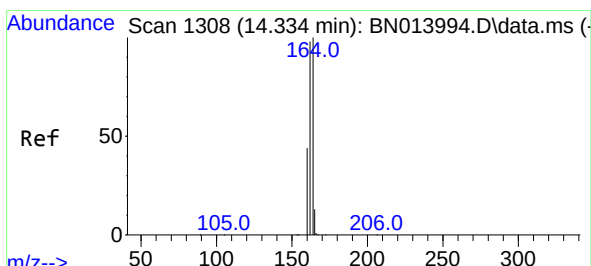
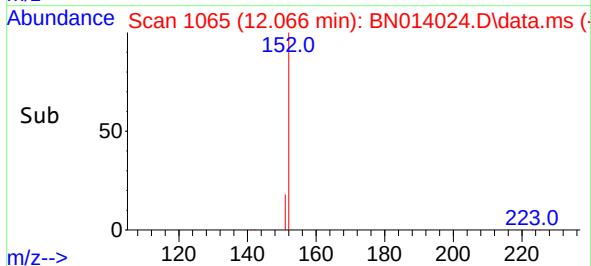
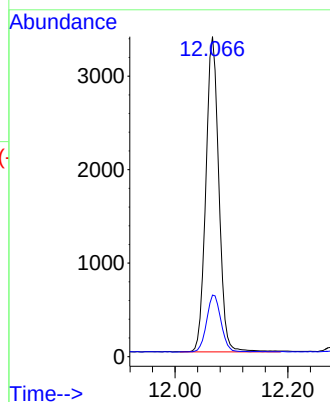
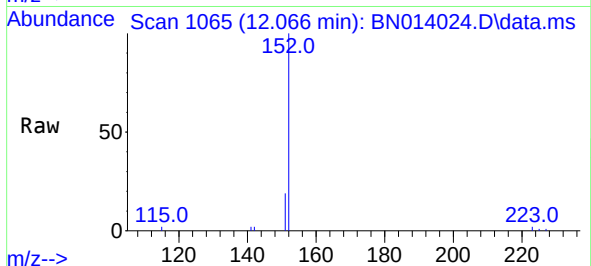




#11
2-Methylnaphthalene-d10
Concen: 0.15 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.005 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

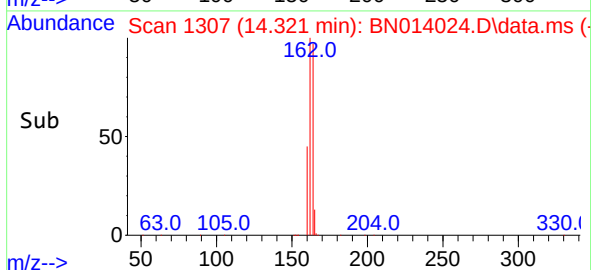
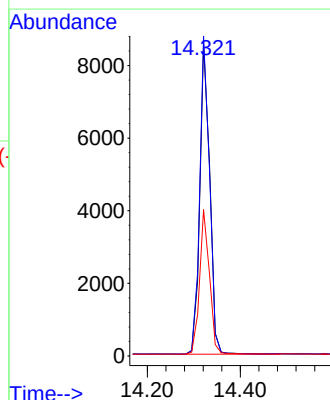
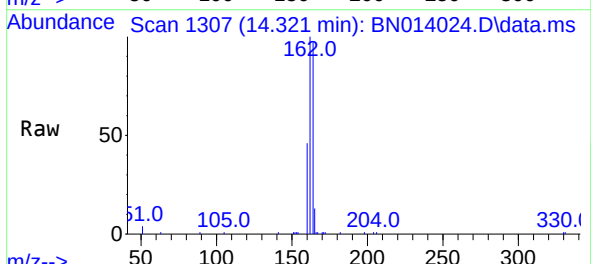
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ClientSampleId :
RE120D1-20210317DL

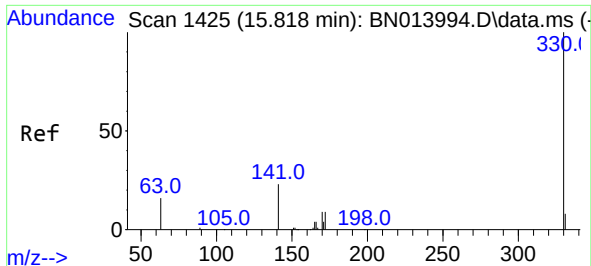
Tgt Ion:152 Resp: 5387
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Tgt Ion:164 Resp: 12692
Ion Ratio Lower Upper
164 100
162 102.7 79.6 119.4
160 47.0 36.0 54.0

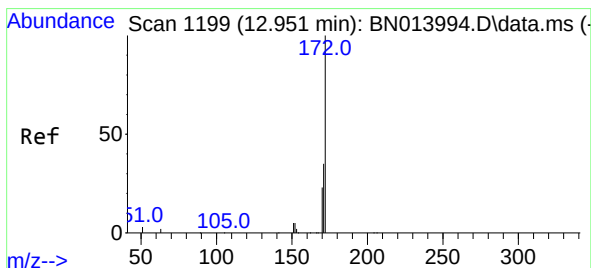
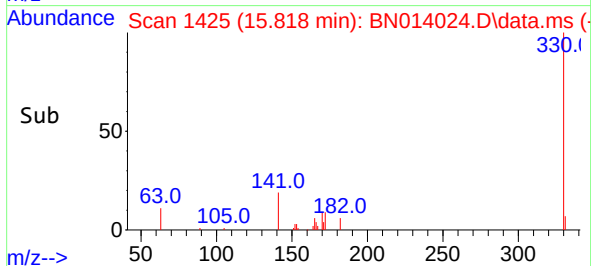
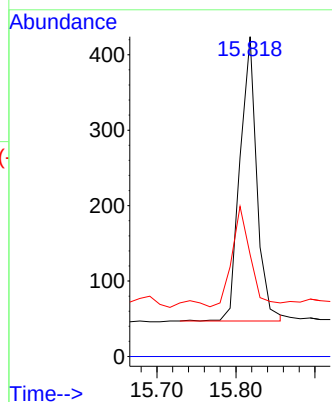
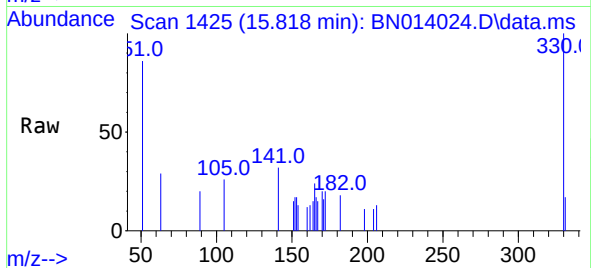




#14
2,4,6-Tribromophenol
Concen: 0.14 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

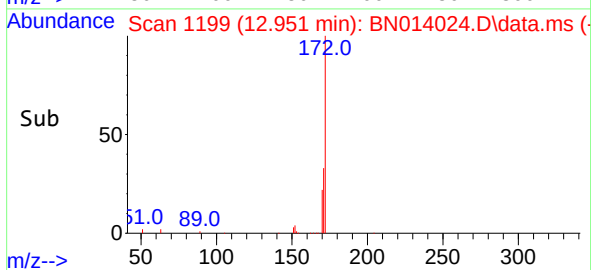
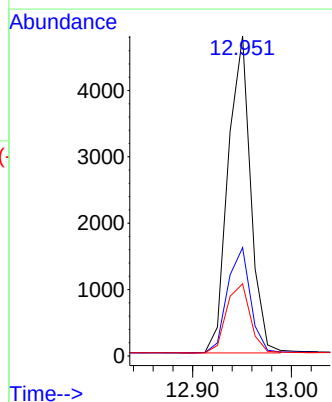
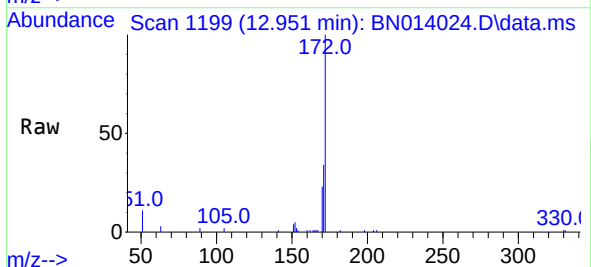
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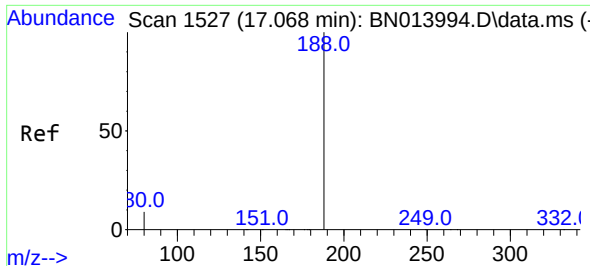
Tgt Ion:330 Resp: 560
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.6 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.16 ng
RT: 12.951 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Tgt Ion:172 Resp: 7566
Ion Ratio Lower Upper
172 100
171 33.9 28.6 42.8
170 22.5 18.9 28.3

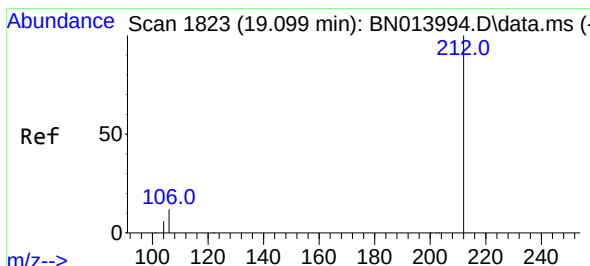
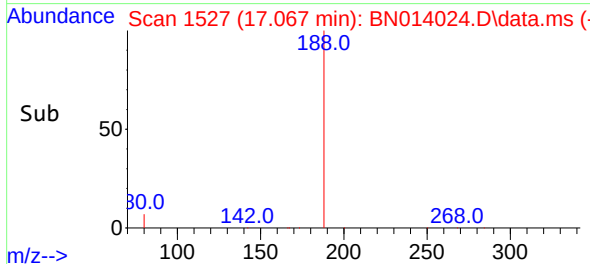
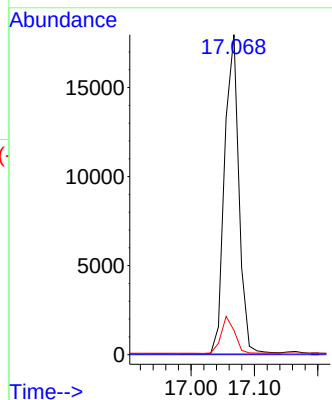
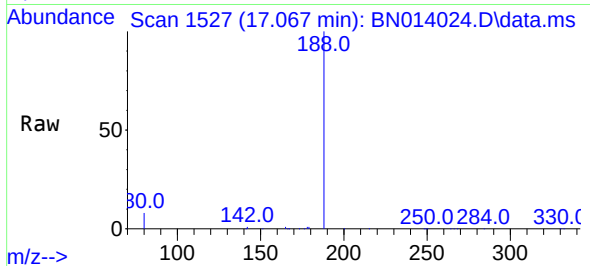




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

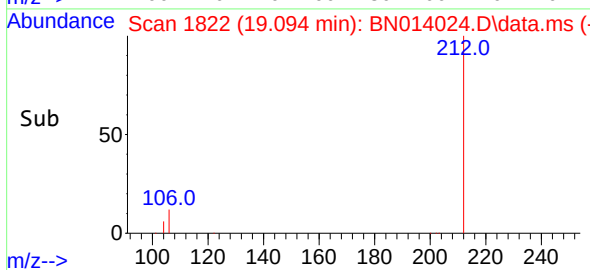
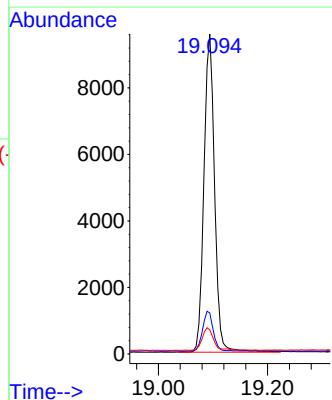
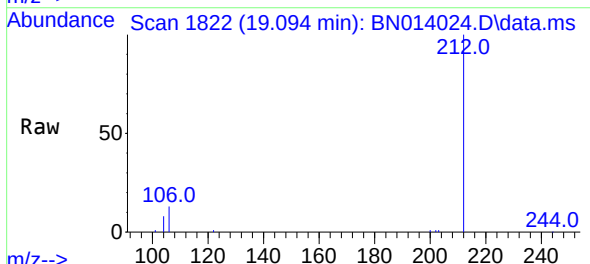
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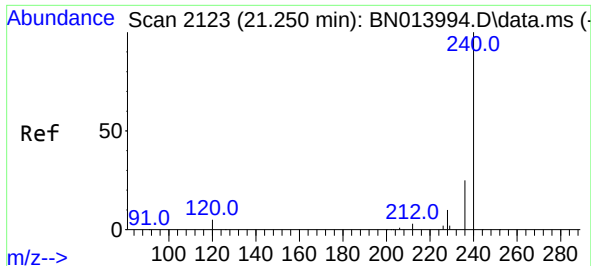
Tgt Ion:188	Resp:	28023
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.6	13.6#



#27
Fluoranthene-d10
Concen: 0.17 ng
RT: 19.094 min Scan# 1822
Delta R.T. -0.005 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Tgt Ion:212	Resp:	13031
Ion Ratio	Lower	Upper
212	100	
106	12.6	9.7
104	7.4	5.5

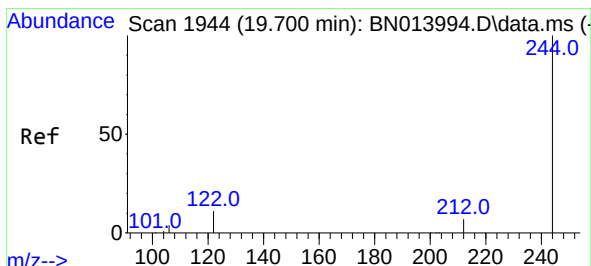
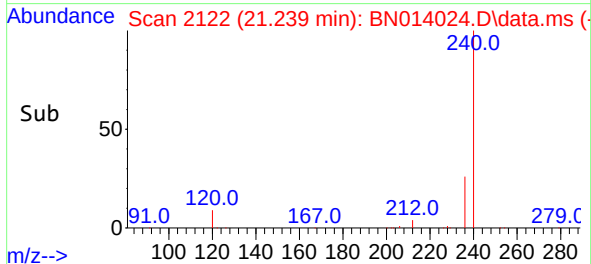
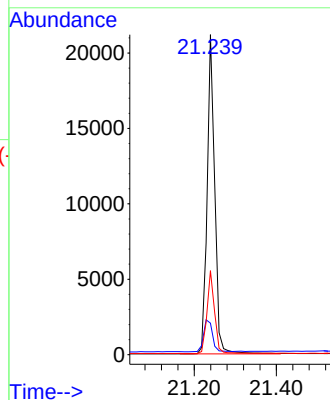
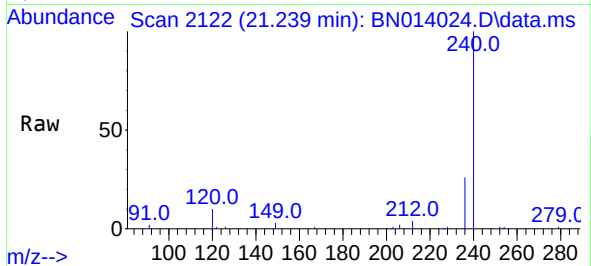




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

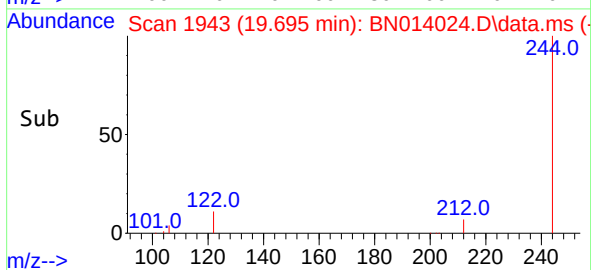
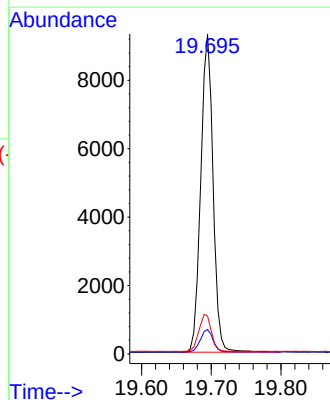
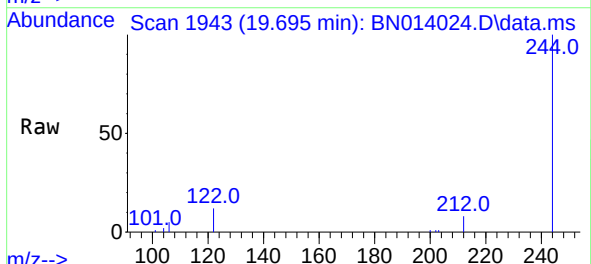
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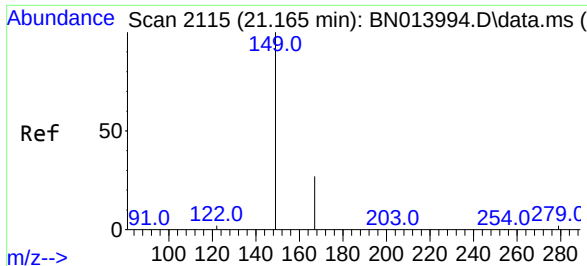
Tgt Ion:240 Resp: 27368
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 26.2 21.3 31.9



#31
Terphenyl-d14
Concen: 0.19 ng
RT: 19.695 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Tgt Ion:244 Resp: 11416
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 11.9 9.8 14.8

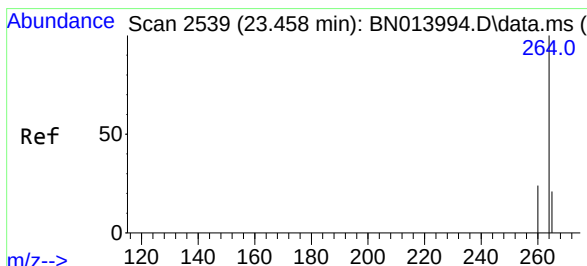
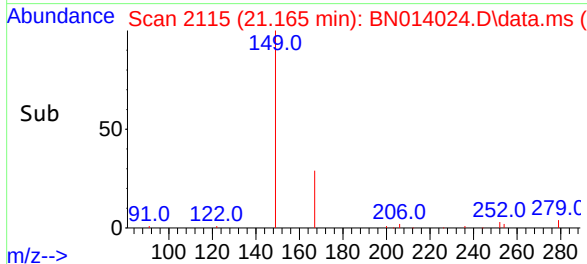
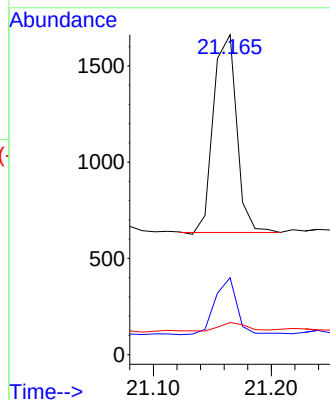
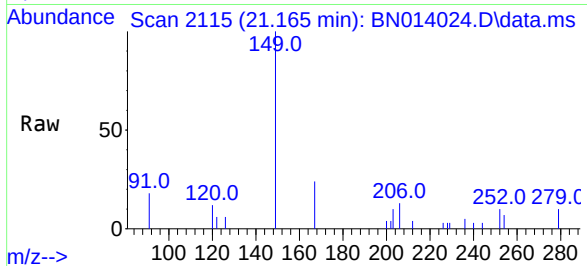




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 21.165 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20210317DL

Tgt Ion:149 Resp: 1401
Ion Ratio Lower Upper
149 100
167 27.2 22.1 33.1
279 5.1 3.5 5.3



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.451 min Scan# 2537
Delta R.T. -0.007 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Tgt Ion:264 Resp: 25213
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 33.4 66.2 99.4#

