

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014146.D
 Acq On : 31 Mar 2021 17:04
 Operator : CG/JU
 Sample : M1842-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-8-20210323

Quant Time: Mar 31 17:38:26 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)

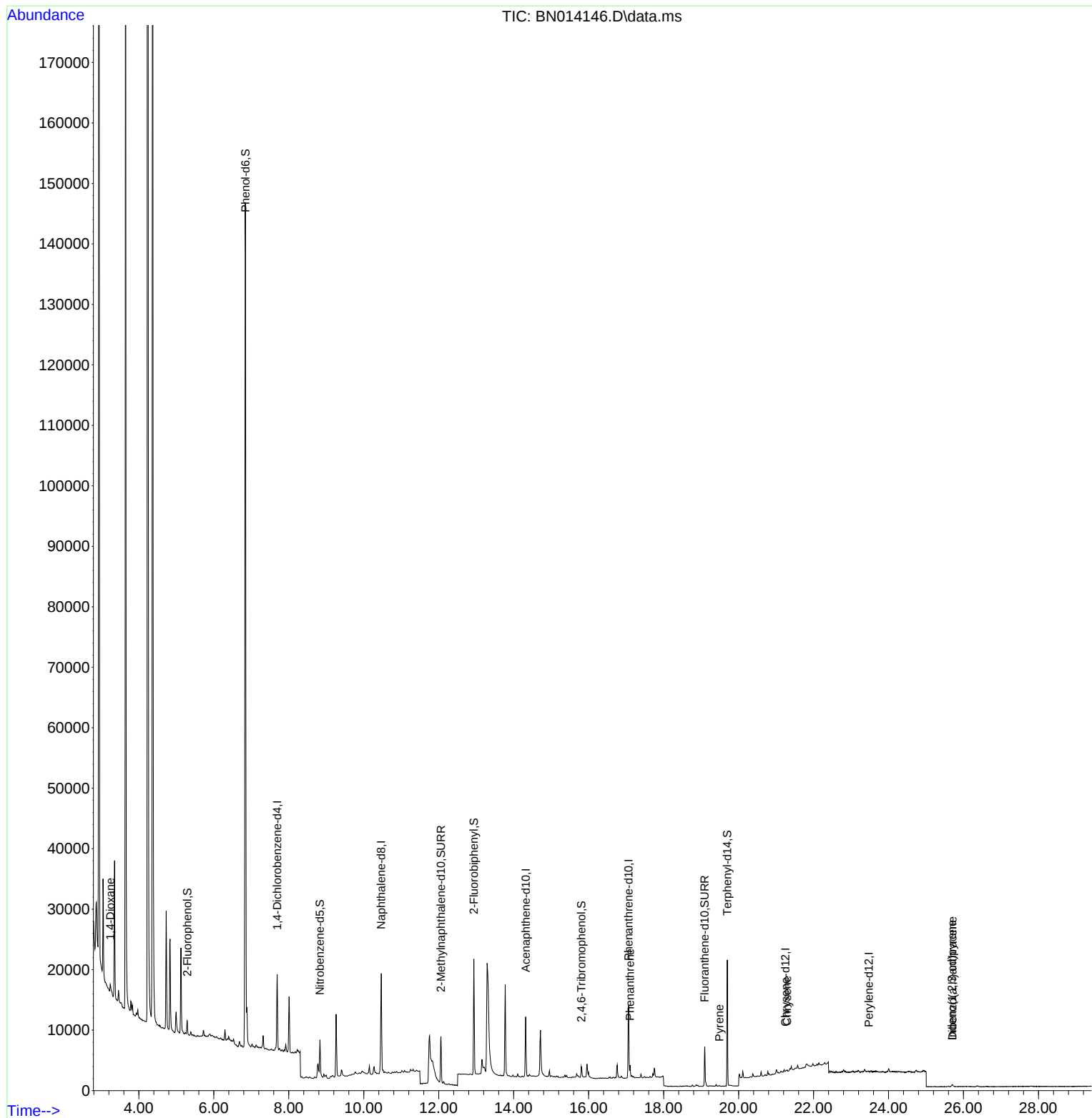
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5956	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	21720	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	5009	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	17757	0.40	ng	0.00
29) Chrysene-d12	21.247	240	185	0.40	ng	# 0.00
36) Perylene-d12	23.473	264	18	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1845	0.12	ng	0.00
5) Phenol-d6	6.847	99	2790	0.14	ng	0.00
8) Nitrobenzene-d5	8.832	82	4815	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	9569	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1268	0.79	ng	0.00
15) 2-Fluorobiphenyl	12.938	172	16040	0.85	ng	0.00
27) Fluoranthene-d10	19.096	212	7298	0.16	ng	0.00
31) Terphenyl-d14	19.697	244	20433	47.96	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	1116	0.15	ng	# 51
25) Phenanthrene	17.103	178	1912	0.04	ng	# 90
30) Pyrene	19.488	202	104	0.17	ng	# 84
33) Chrysene	21.290	228	73	0.13	ng	# 11
35) Indeno(1,2,3-cd)pyrene	25.694	276	316	0.54	ng	# 68
40) Dibenzo(a,h)anthracene	25.704	278	458	8.18	ng	# 1

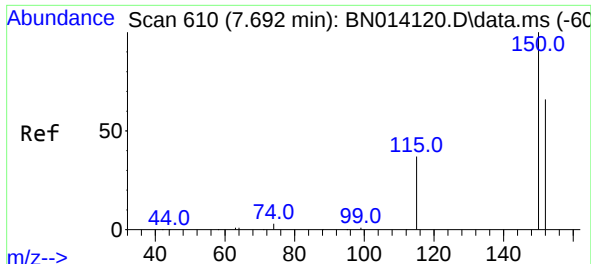
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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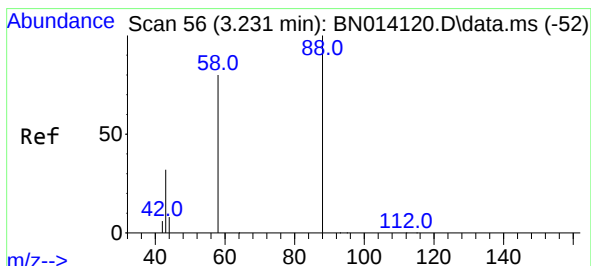
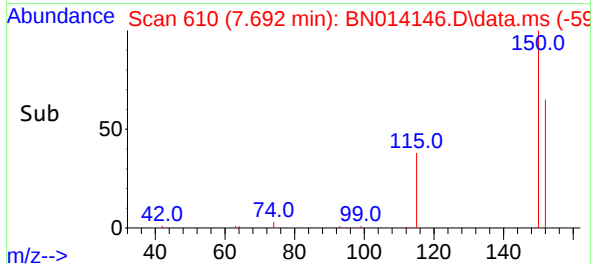
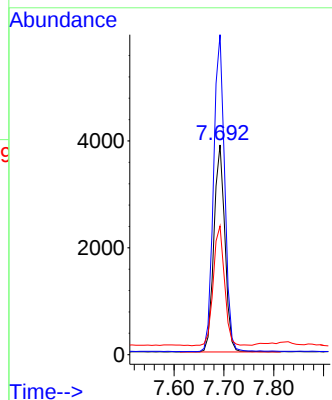
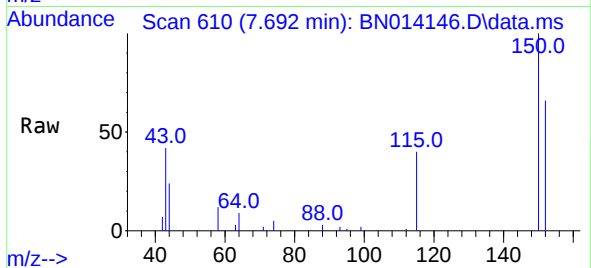


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014146.D
 Acq: 31 Mar 2021 17:04

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-8-20210323

Tgt Ion:152 Resp: 5956

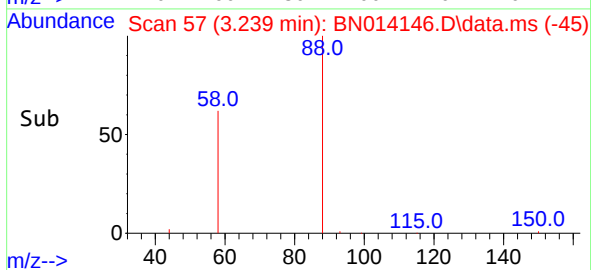
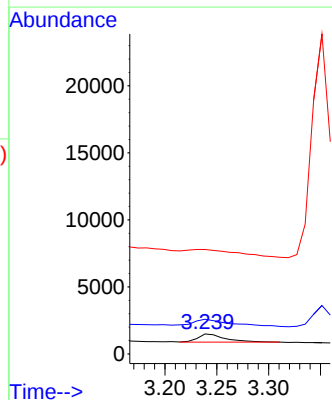
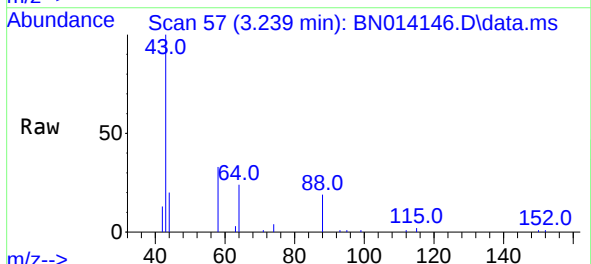
Ion	Ratio	Lower	Upper
152	100		
150	152.6	121.2	181.8
115	61.3	46.2	69.2

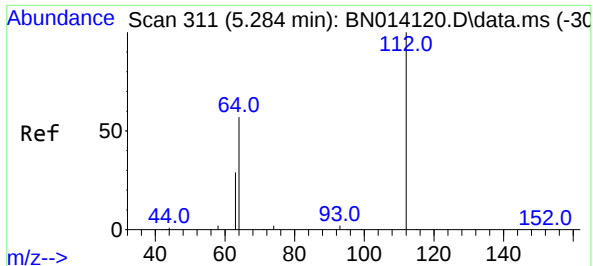


#2
 1,4-Dioxane
 Concen: 0.15 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: BN014146.D
 Acq: 31 Mar 2021 17:04

Tgt Ion: 88 Resp: 1116

Ion	Ratio	Lower	Upper
88	100		
58	118.6	63.1	94.7#
43	0.0	26.2	39.2#

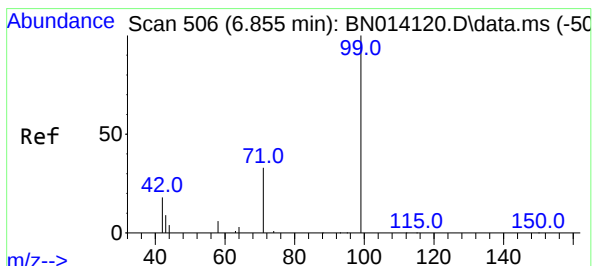
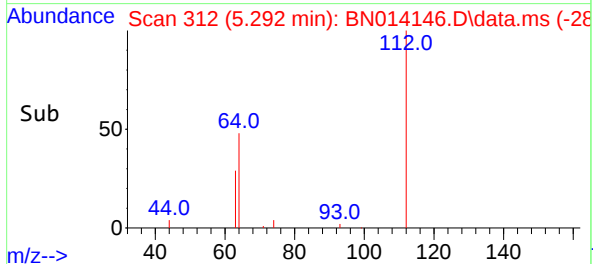
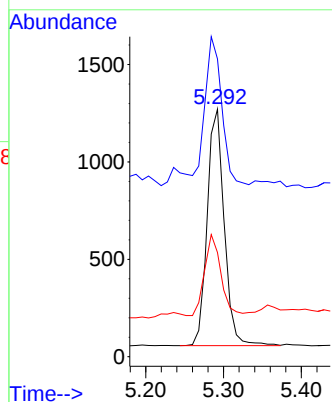
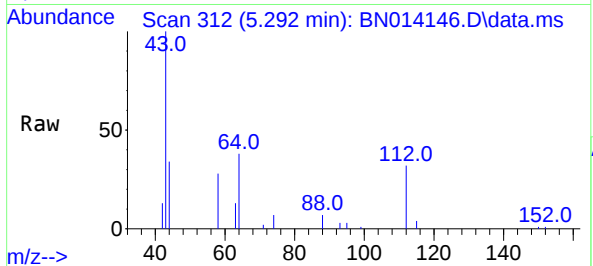




#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.008 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

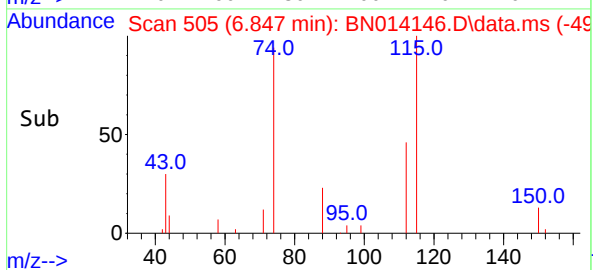
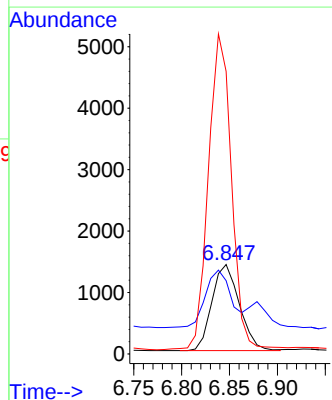
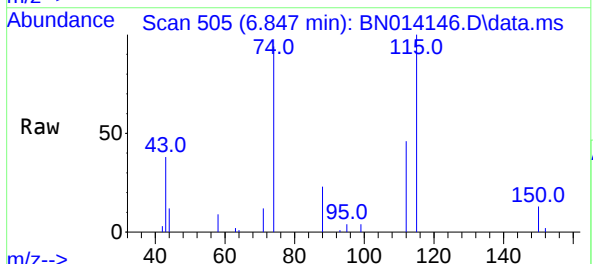
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20210323

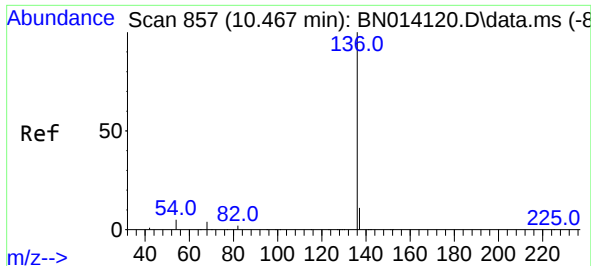
Tgt Ion:112 Resp: 1845
Ion Ratio Lower Upper
112 100
64 61.1 48.3 72.5
63 32.8 25.4 38.0



#5
Phenol-d6
Concen: 0.14 ng
RT: 6.847 min Scan# 505
Delta R.T. -0.008 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion: 99 Resp: 2790
Ion Ratio Lower Upper
99 100
42 63.4 18.2 27.4#
71 307.8 26.7 40.1#

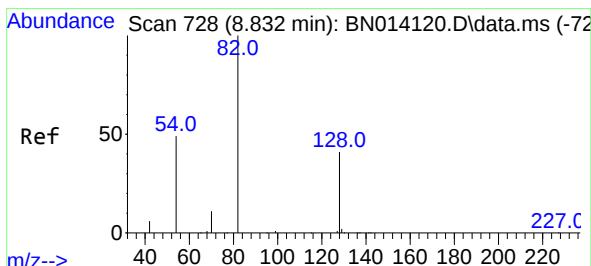
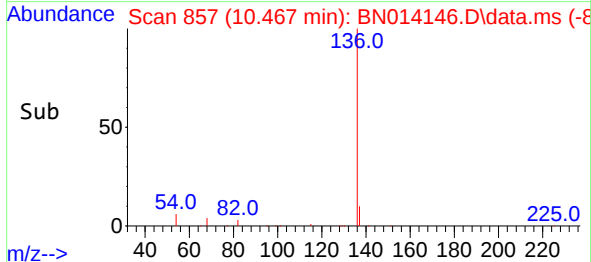
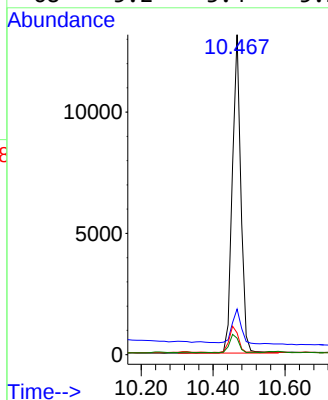
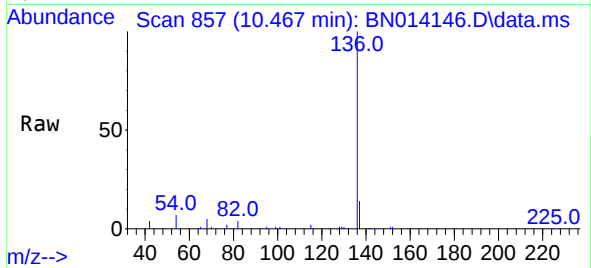




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

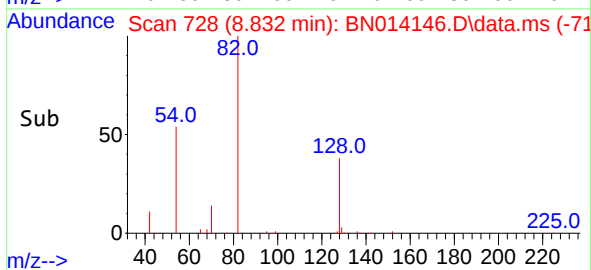
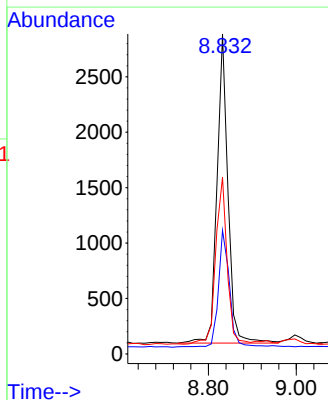
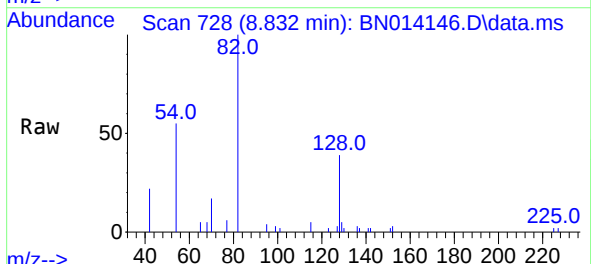
Instrument :
BNA_N
ClientSampleId :
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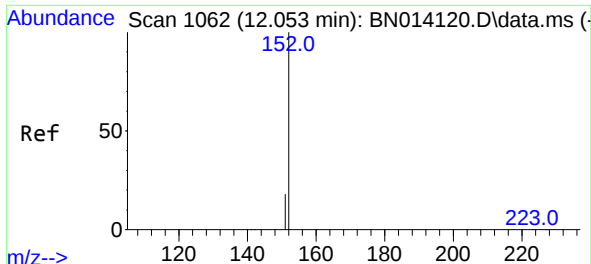
Tgt Ion:	136	Resp:	21720
Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.1	13.7#
54	6.8	4.3	6.5#
68	5.2	3.4	5.2#



#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:	82	Resp:	4815
Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.5	50.3
54	55.2	40.3	60.5

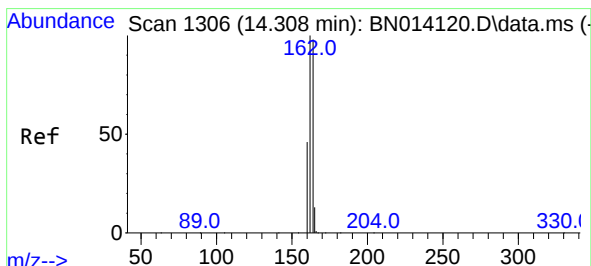
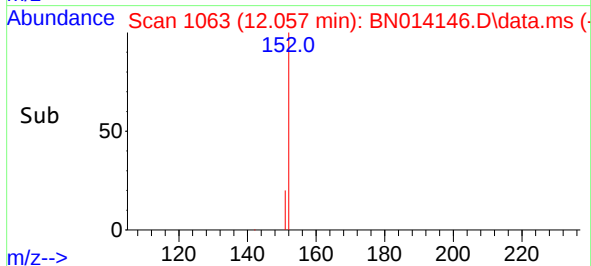
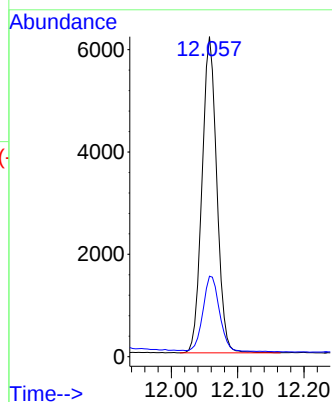
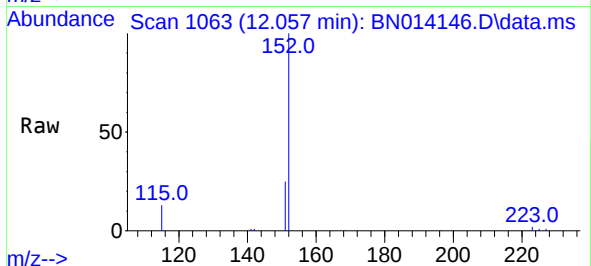




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

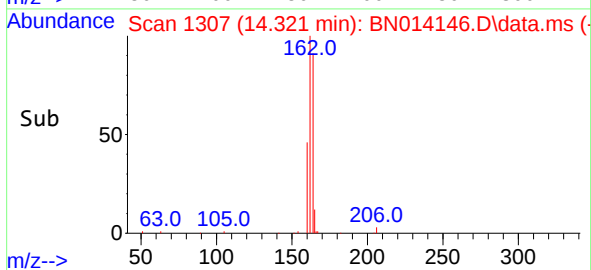
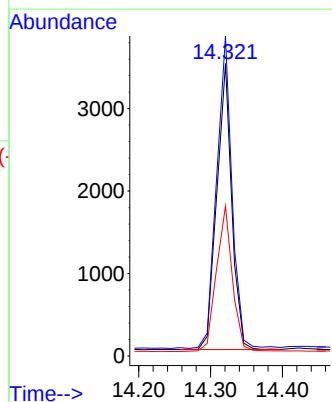
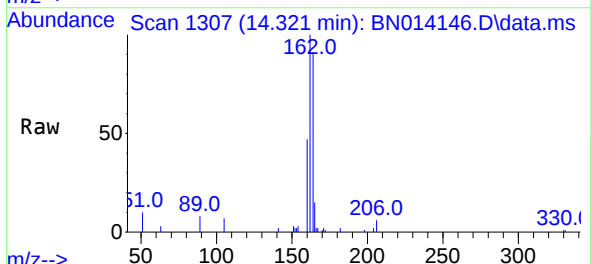
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ClientSampleId :
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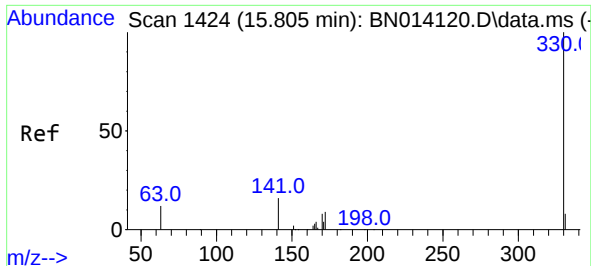
Tgt Ion:152 Resp: 9569
Ion Ratio Lower Upper
152 100
151 26.5 16.1 24.1#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:164 Resp: 5009
Ion Ratio Lower Upper
164 100
162 109.4 81.4 122.2
160 51.3 37.5 56.3

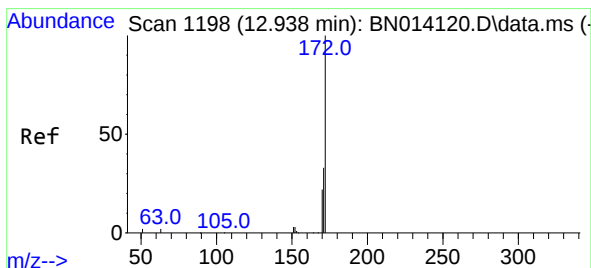
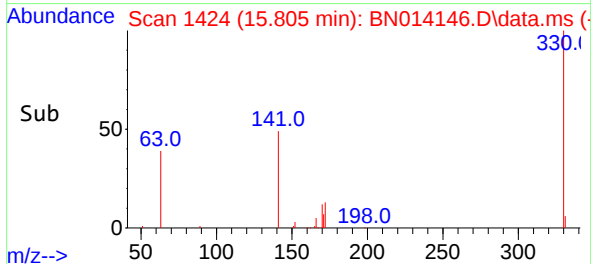
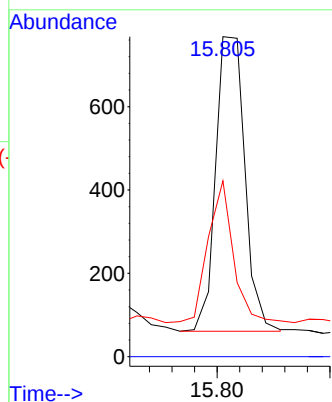
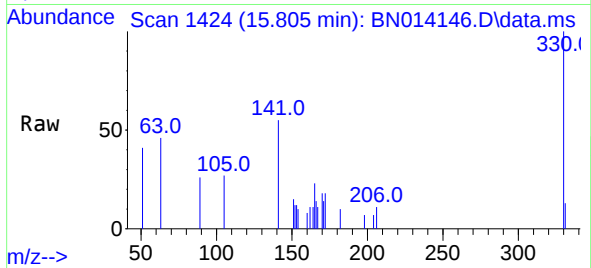




#14
2,4,6-Tribromophenol
Concen: 0.79 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

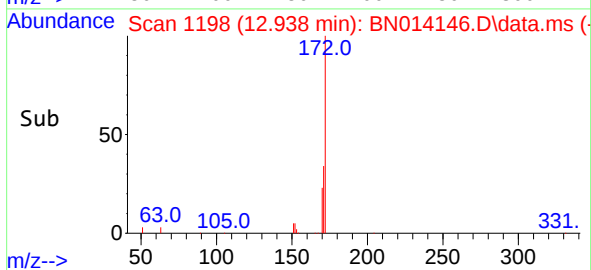
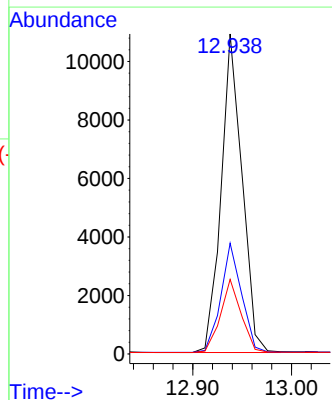
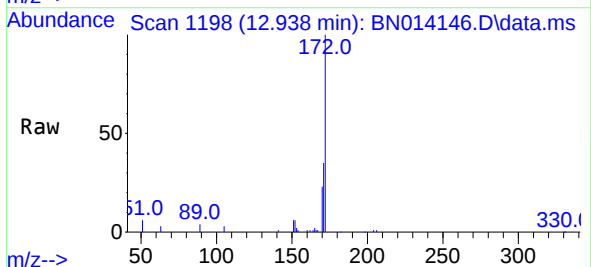
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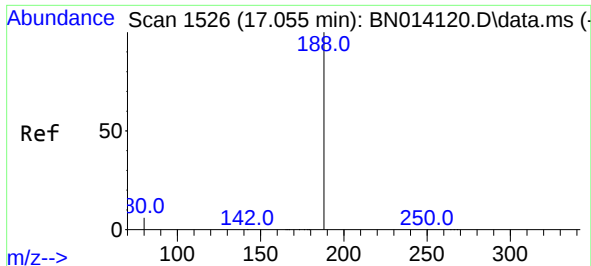
Tgt Ion:330 Resp: 1268
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.4 31.2 46.8



#15
2-Fluorobiphenyl
Concen: 0.85 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:172 Resp: 16040
Ion Ratio Lower Upper
172 100
171 34.6 26.9 40.3
170 23.3 17.8 26.8

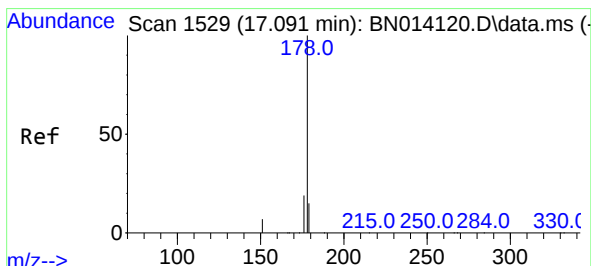
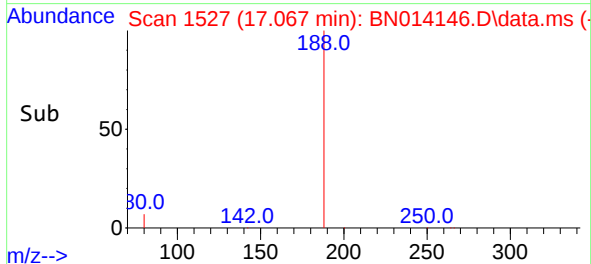
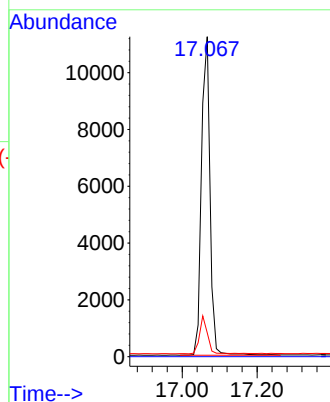
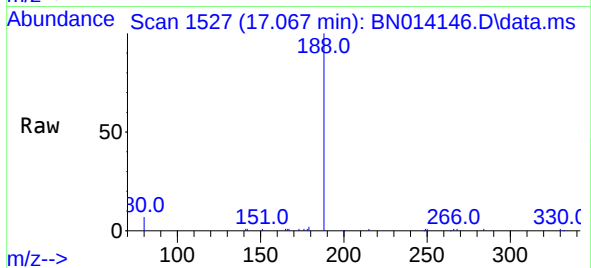




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

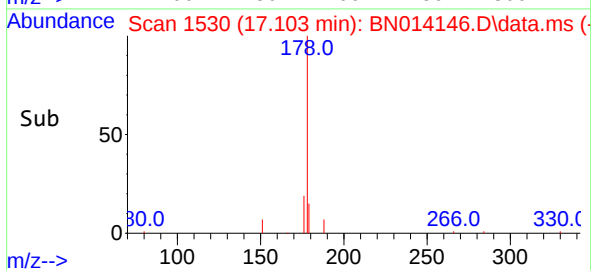
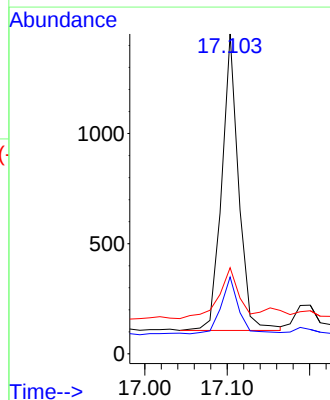
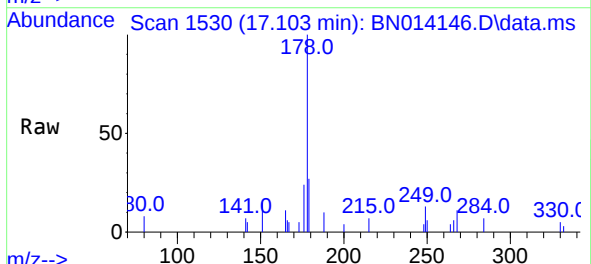
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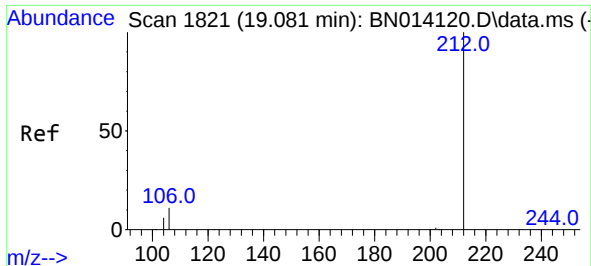
Tgt Ion:188	Resp:	17757
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.5	5.2



#25
Phenanthrene
Concen: 0.04 ng
RT: 17.103 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:178	Resp:	1912
Ion Ratio	Lower	Upper
178	100	
176	22.3	15.0
179	21.2	12.4

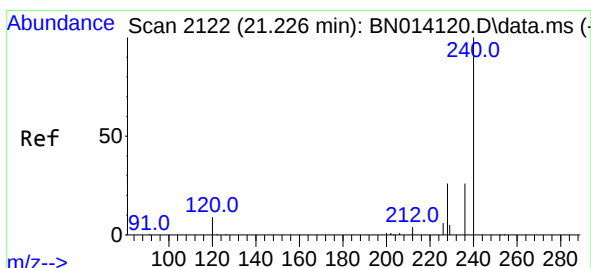
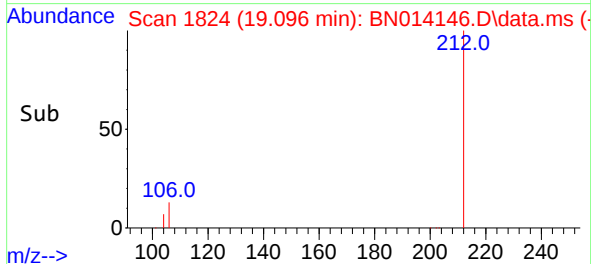
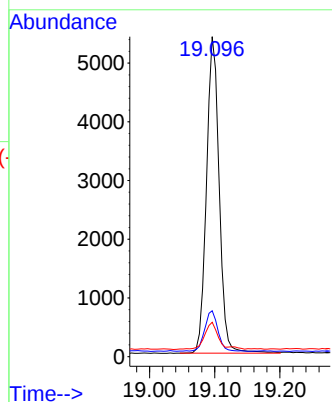
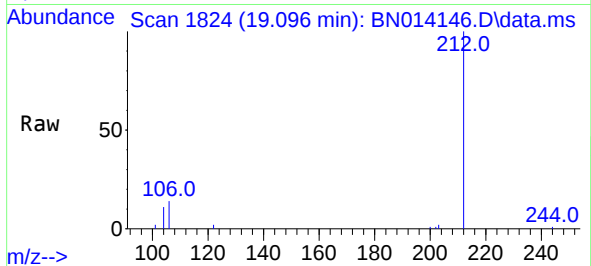




#27
Fluoranthene-d10
Concen: 0.16 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

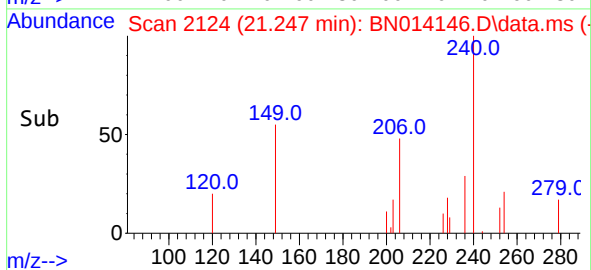
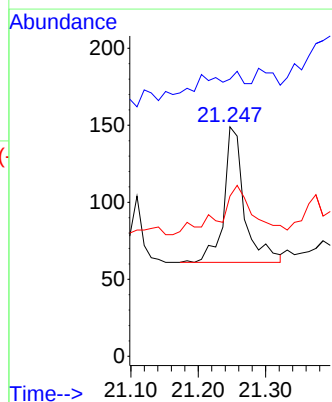
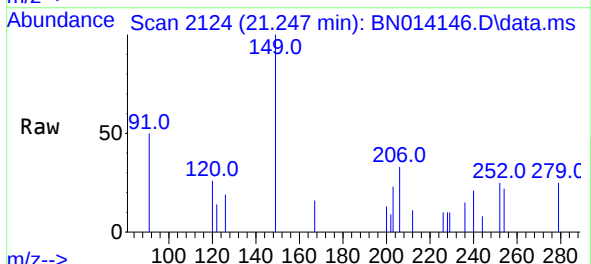
Instrument :
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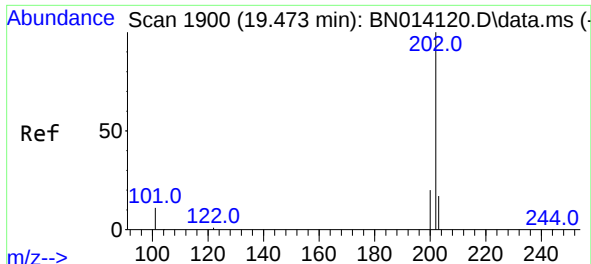
Tgt Ion:212 Resp: 7298
Ion Ratio Lower Upper
212 100
106 13.4 10.1 15.1
104 8.9 5.5 8.3#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:240 Resp: 185
Ion Ratio Lower Upper
240 100
120 120.8 8.4 12.6#
236 69.8 21.0 31.6#

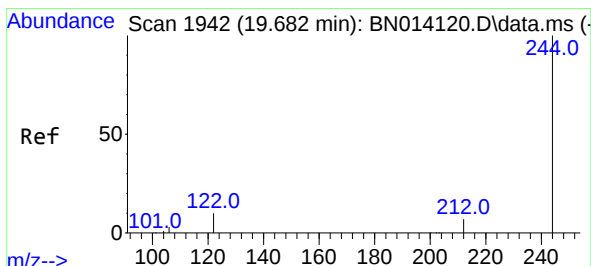
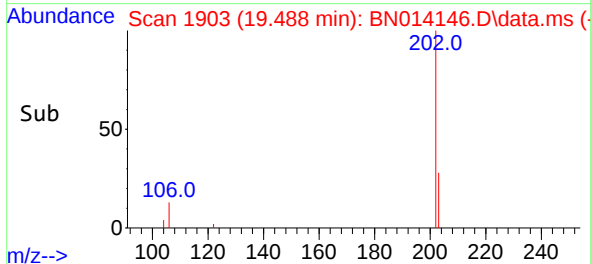
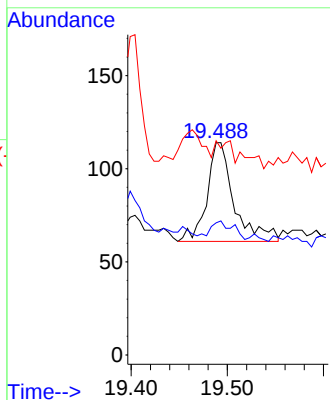
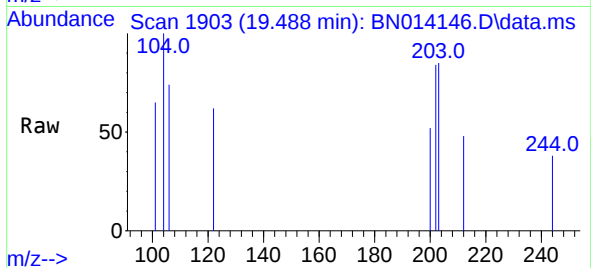




#30
 Pyrene
 Concen: 0.17 ng
 RT: 19.488 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: BN014146.D
 Acq: 31 Mar 2021 17:04

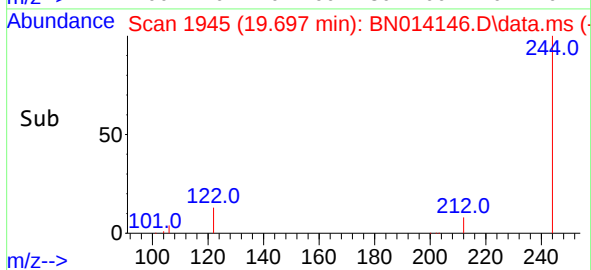
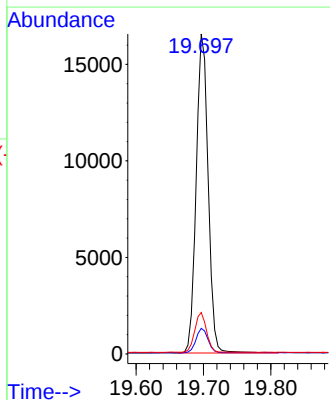
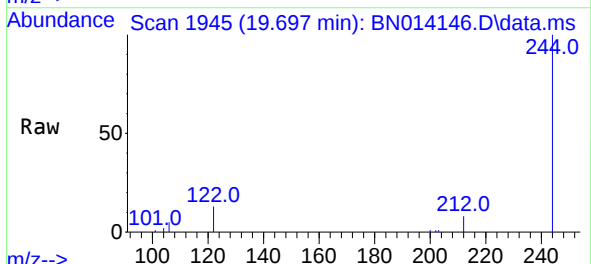
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-8-20210323

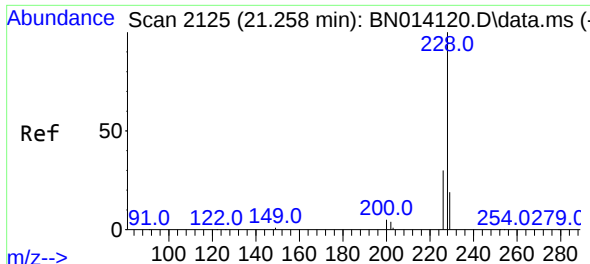
Tgt Ion:202 Resp: 104
 Ion Ratio Lower Upper
 202 100
 200 14.4 16.2 24.4#
 203 26.0 13.9 20.9#



#31
 Terphenyl-d14
 Concen: 47.96 ng
 RT: 19.697 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: BN014146.D
 Acq: 31 Mar 2021 17:04

Tgt Ion:244 Resp: 20433
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 13.0 8.6 13.0#

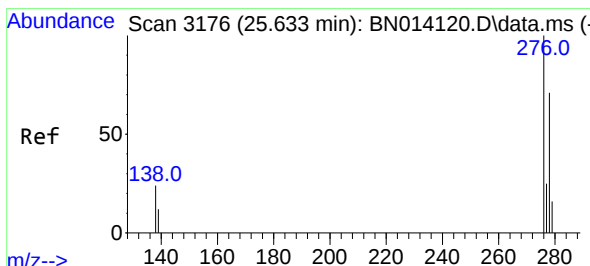
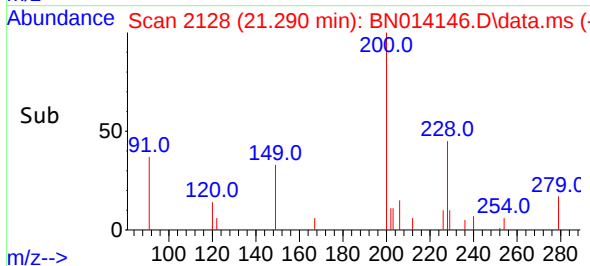
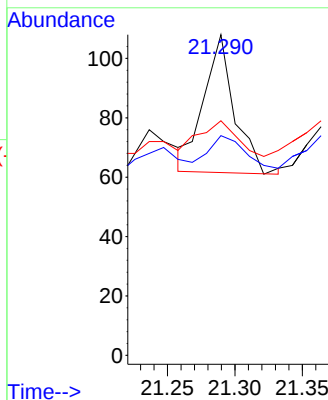
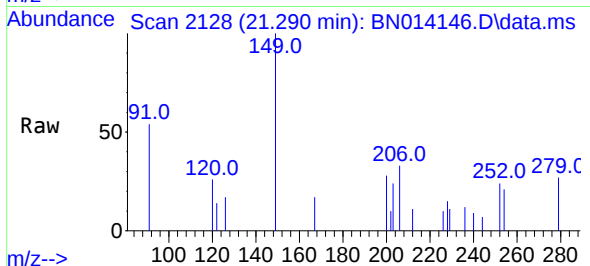




#33
Chrysene
Concen: 0.13 ng
RT: 21.290 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

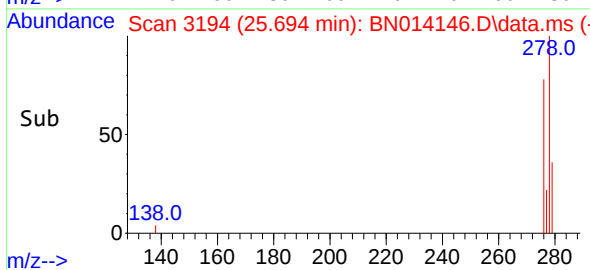
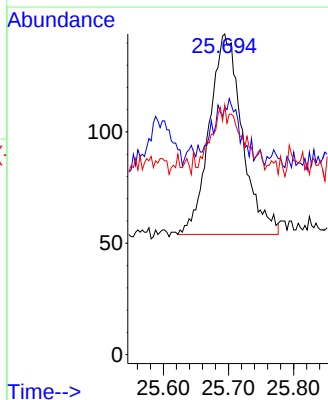
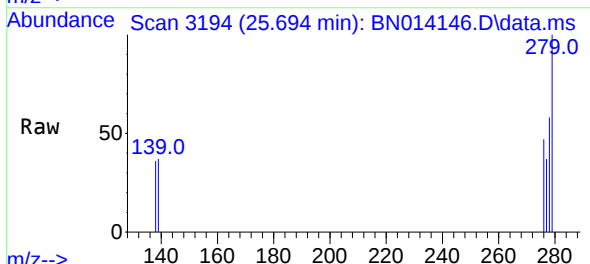
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20210323

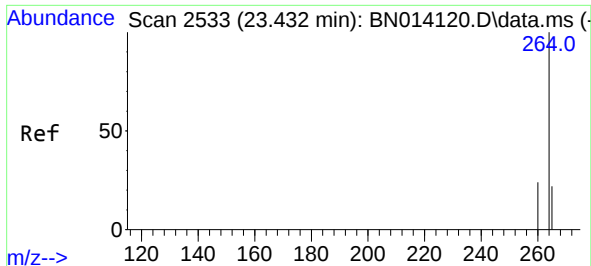
Tgt Ion:	228	Resp:	73
Ion	Ratio	Lower	Upper
228	100		
226	68.5	24.4	36.6#
229	73.1	15.5	23.3#



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.54 ng
RT: 25.694 min Scan# 3194
Delta R.T. 0.007 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:	276	Resp:	316
Ion	Ratio	Lower	Upper
276	100		
138	6.6	19.4	29.2#
277	10.4	19.8	29.6#

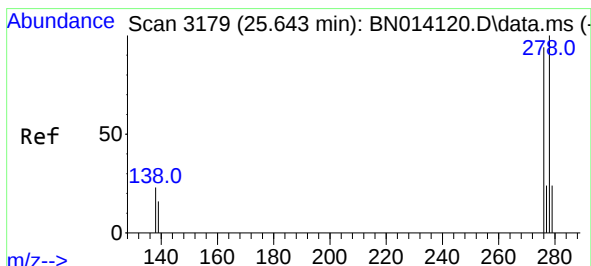
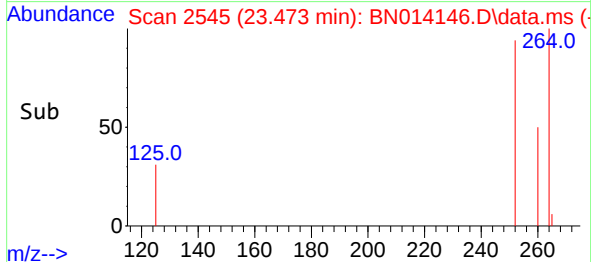
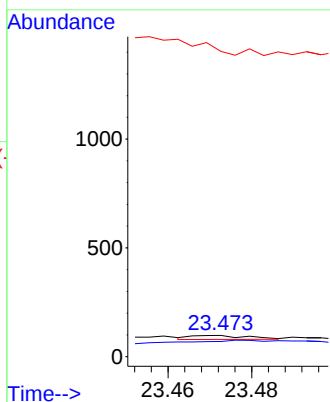
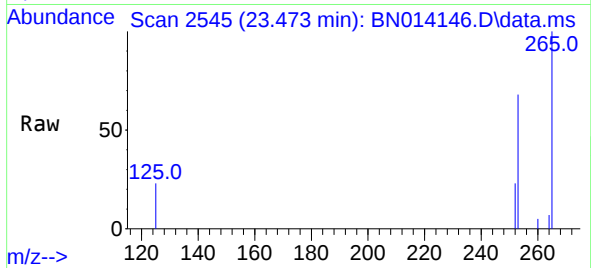




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.473 min Scan# 2545
Delta R.T. 0.007 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20210323

Tgt Ion:264 Resp: 18
Ion Ratio Lower Upper
264 100
260 71.4 19.8 29.8#
265 1431.6 30.7 46.1#



#40
Dibenzo(a,h)anthracene
Concen: 8.18 ng
RT: 25.704 min Scan# 3197
Delta R.T. 0.003 min
Lab File: BN014146.D
Acq: 31 Mar 2021 17:04

Tgt Ion:278 Resp: 458
Ion Ratio Lower Upper
278 100
139 55.8 13.4 20.0#
279 142.3 21.3 31.9#

