

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032321\
 Data File : BN014048.D
 Acq On : 23 Mar 2021 18:30
 Operator : CG/JU
 Sample : M1735-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210315

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Quant Time: Mar 24 02:58:17 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	6187	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	24313	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	5215	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	23025	0.40	ng	# 0.00
29) Chrysene-d12	21.237	240	404	0.40	ng	# 0.00
36) Perylene-d12	23.449	264	4m	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1666	0.12	ng	0.00
5) Phenol-d6	6.855	99	2843	0.16	ng	0.00
8) Nitrobenzene-d5	8.845	82	4452	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.062	152	9373	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1544	0.91	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	14328	0.74	ng	0.00
27) Fluoranthene-d10	19.091	212	8206	0.13	ng	0.00
31) Terphenyl-d14	19.692	244	19241	21.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	41202	5.05	ng	97
6) bis(2-Chloroethyl)ether	7.129	93	720	0.05	ng	# 77
25) Phenanthrene	17.104	178	1504	0.02	ng	# 84
32) Benzo(a)anthracene	21.258	228	89m	0.08	ng	
33) Chrysene	21.269	228	38m	0.03	ng	
34) Bis(2-ethylhexyl)phtha...	21.162	149	600	1.40	ng	91

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

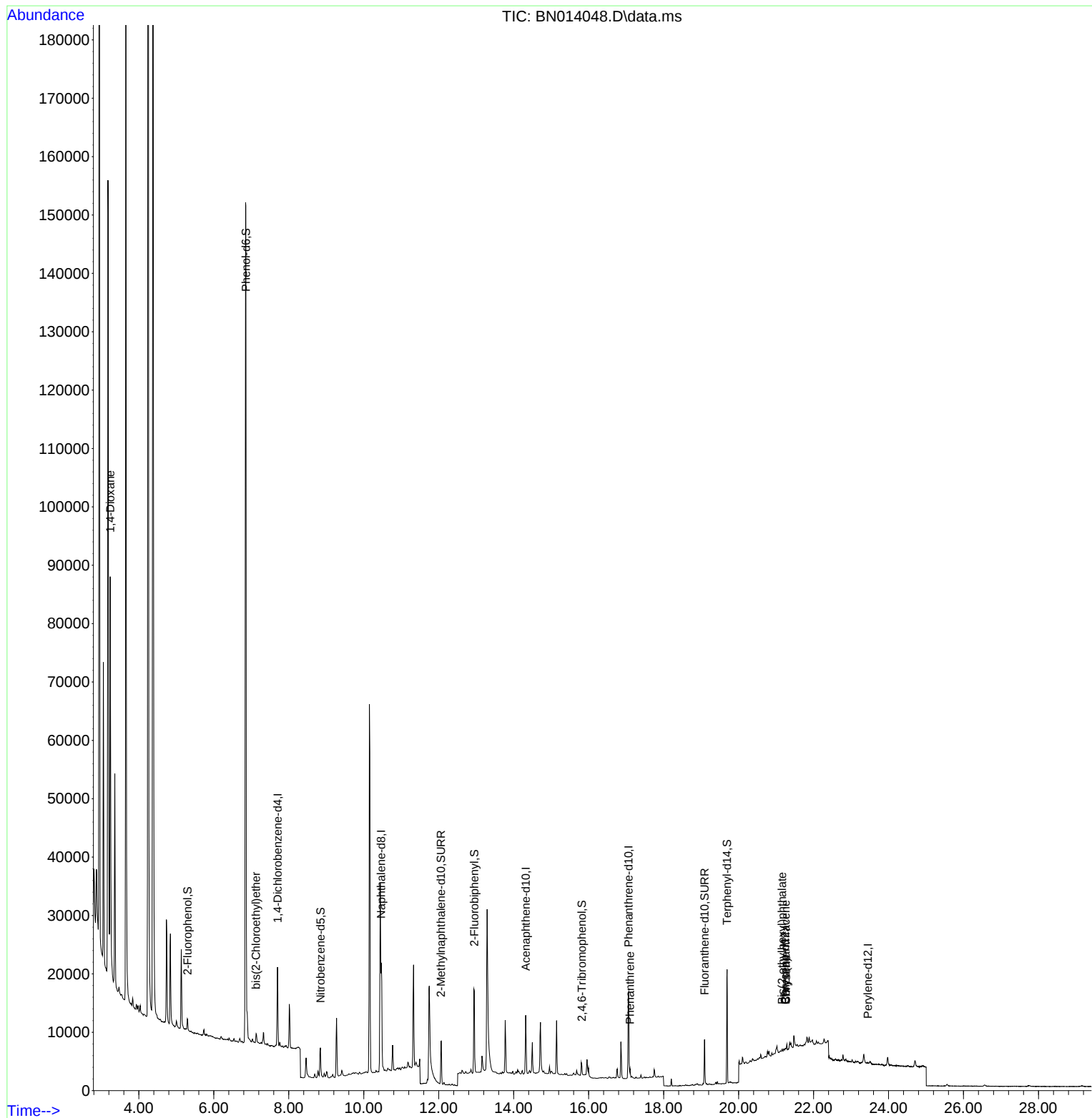
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Misc :
ALS Vial : 14 Sample Multiplier: 1

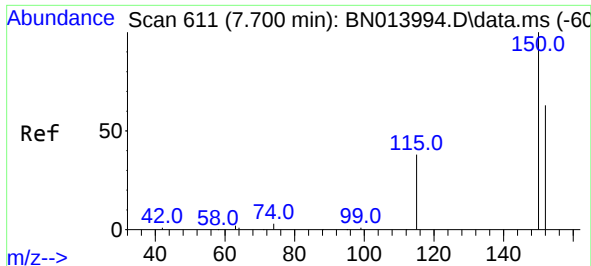
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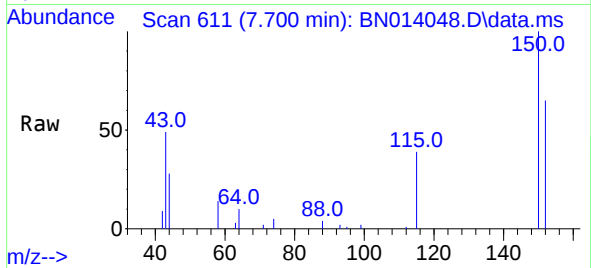
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Quant Time: Mar 24 02:58:17 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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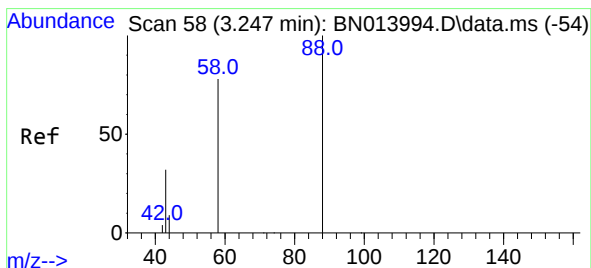
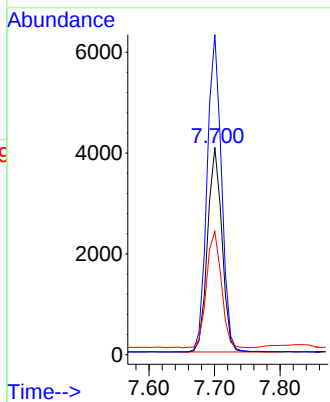
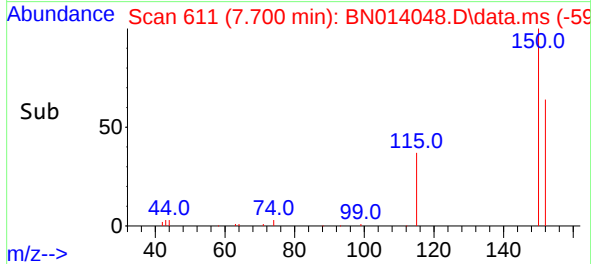


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014048.D
 Acq: 23 Mar 2021 18:30

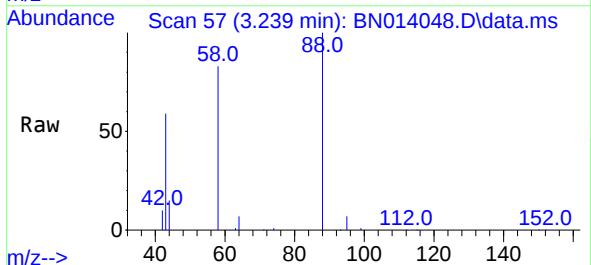


Tgt Ion: 152 Resp: 6187

Ion	Ratio	Lower	Upper
152	100		
150	154.5	121.8	182.8
115	59.5	46.6	69.8

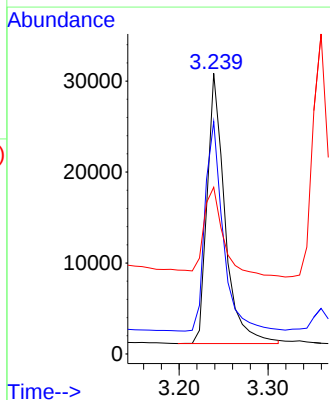
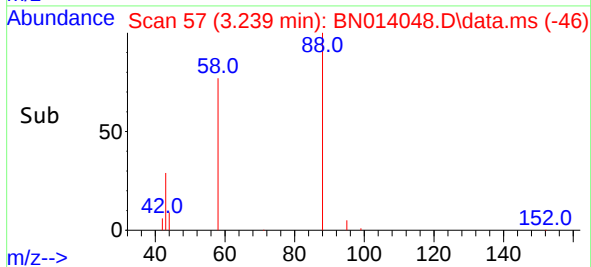


#2
 1,4-Dioxane
 Concen: 5.05 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.007 min
 Lab File: BN014048.D
 Acq: 23 Mar 2021 18:30



Tgt Ion: 88 Resp: 41202

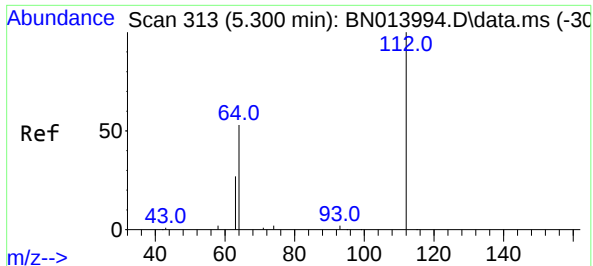
Ion	Ratio	Lower	Upper
88	100		
58	78.8	64.6	96.8
43	35.9	26.6	40.0



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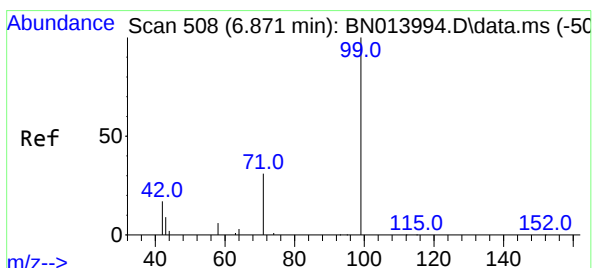
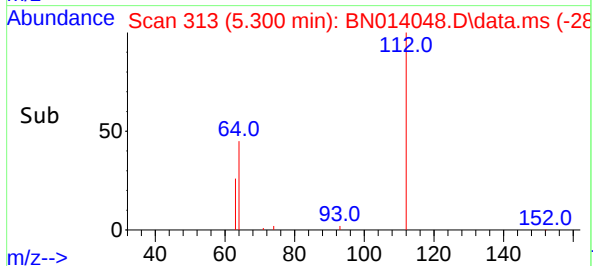
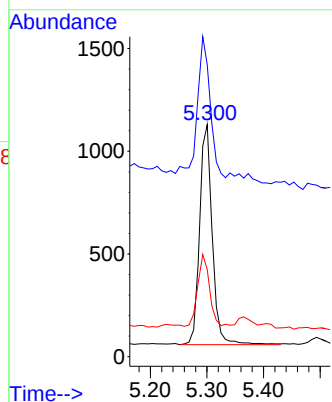
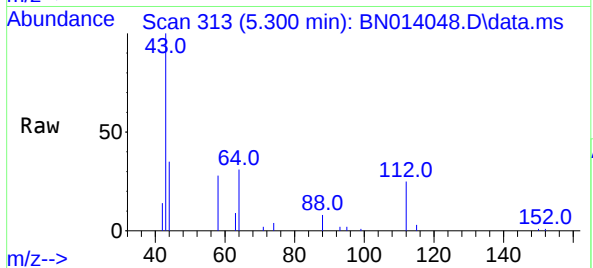
#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.300 min Scan# 313
Delta R.T. 0.009 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:	112	Resp:	1666
Ion Ratio	Lower	Upper	
112	100		
64	65.2	44.3	66.5
63	31.9	23.0	34.6

Instrument :
BNA_N
ClientSampleId :
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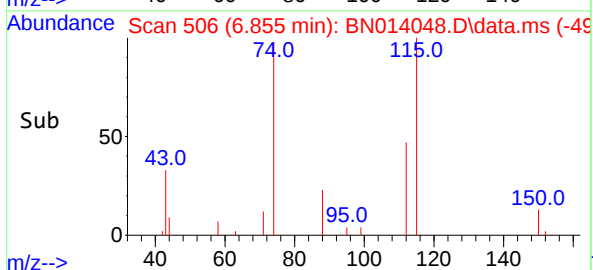
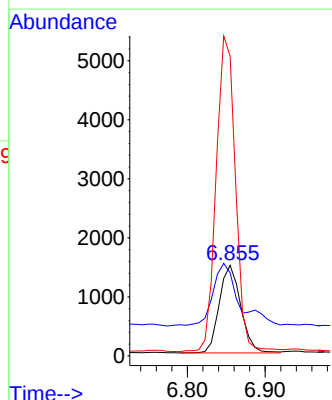
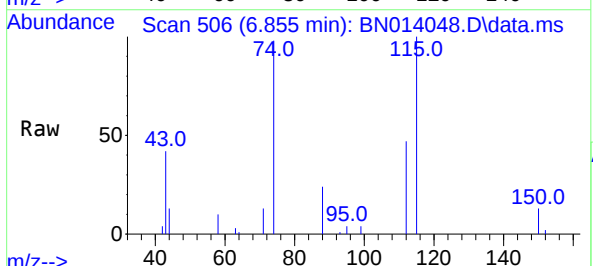
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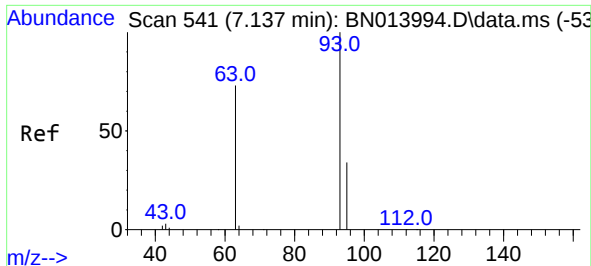
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#5
Phenol-d6
Concen: 0.16 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.008 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:	99	Resp:	2843
Ion Ratio	Lower	Upper	
99	100		
42	83.6	15.2	22.8#
71	323.1	26.1	39.1#





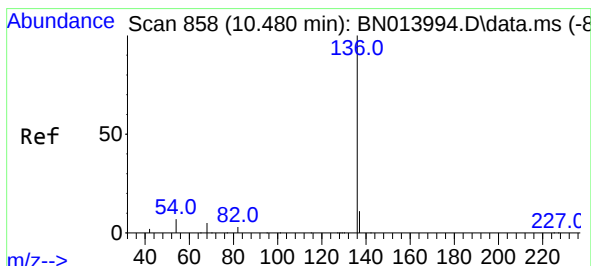
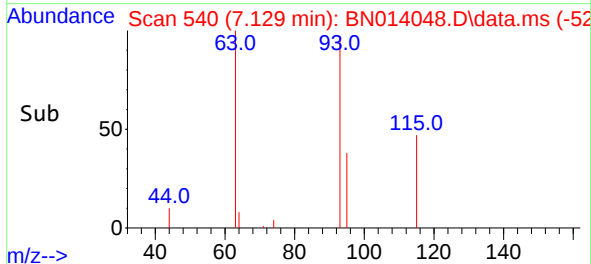
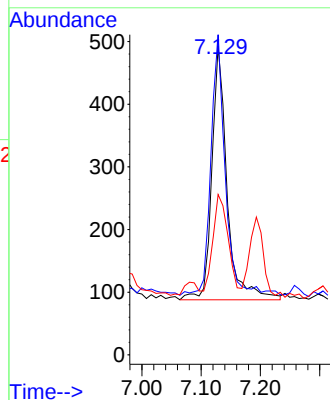
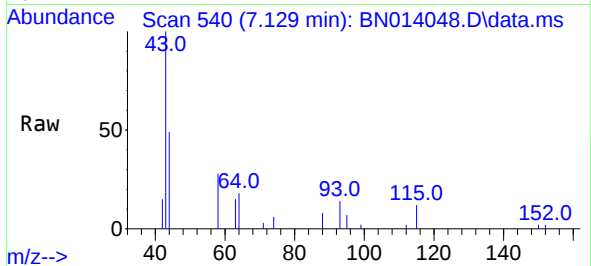
#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.129 min Scan# 540
Delta R.T. 0.001 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 93 Resp: 720
Ion Ratio Lower Upper
93 100
63 98.8 60.8 91.2#
95 41.1 26.0 39.0#

Instrument :
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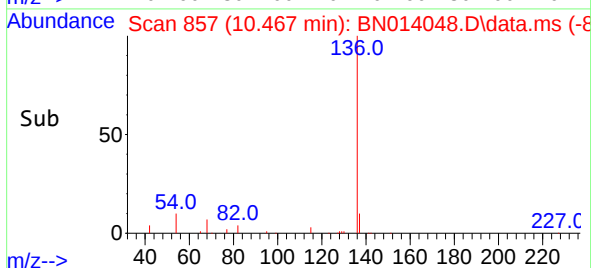
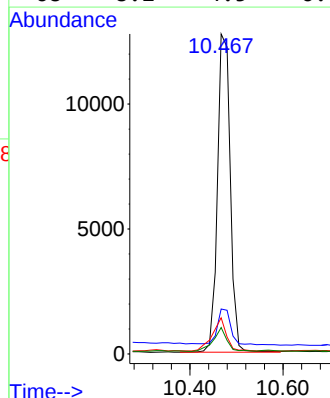
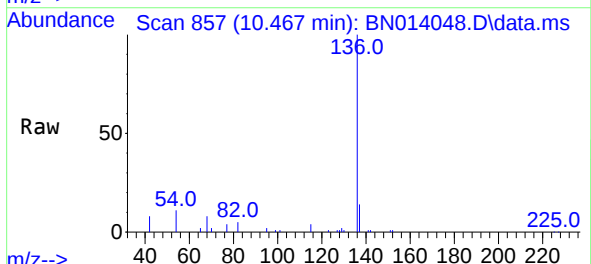
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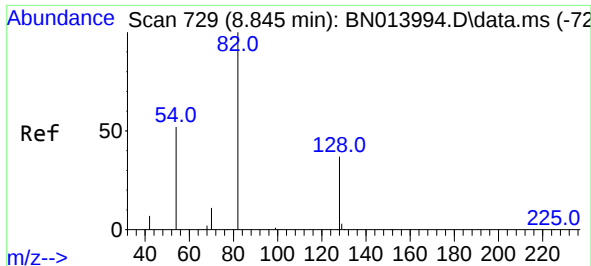
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#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

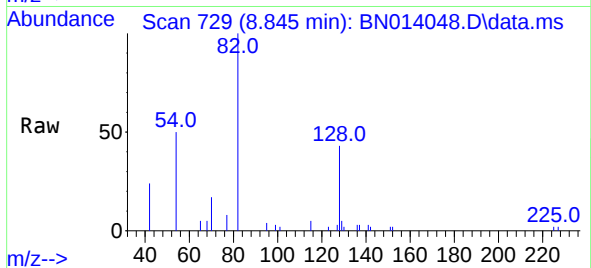
Tgt Ion: 136 Resp: 24313
Ion Ratio Lower Upper
136 100
137 14.0 9.0 13.6#
54 11.3 6.4 9.6#
68 8.2 4.5 6.7#





#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.845 min Scan# 729
Delta R.T. 0.001 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

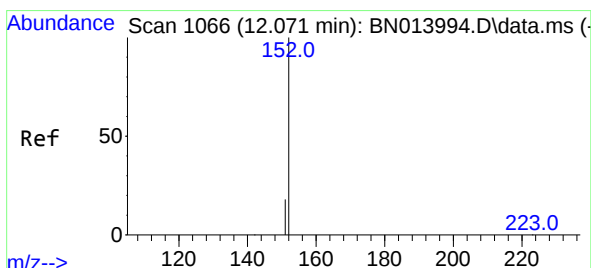
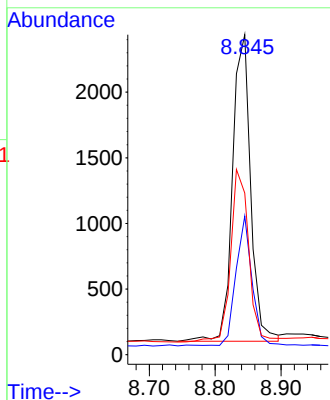
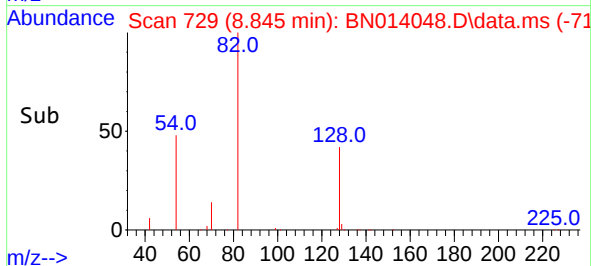
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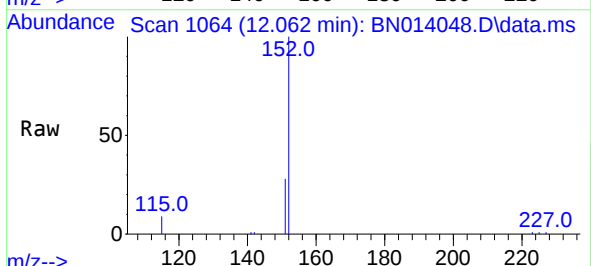
Tgt Ion: 82 Resp: 4452
Ion Ratio Lower Upper
82 100
128 43.3 39.2 58.8
54 50.5 40.1 60.1

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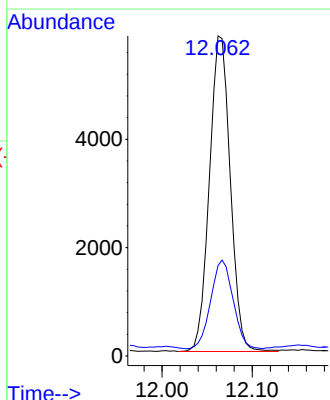
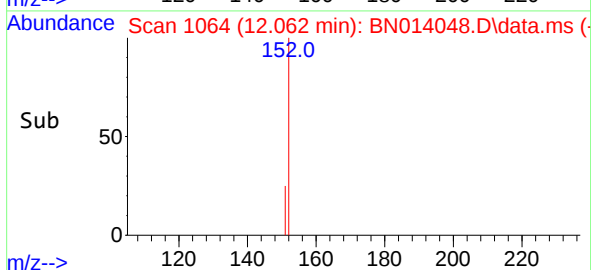
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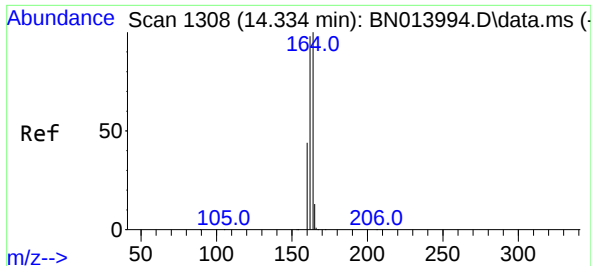


#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30



Tgt Ion: 152 Resp: 9373
Ion Ratio Lower Upper
152 100
151 30.0 16.2 24.2#





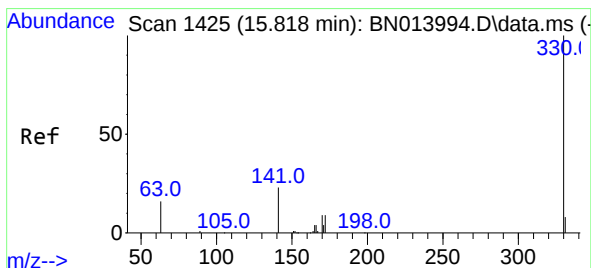
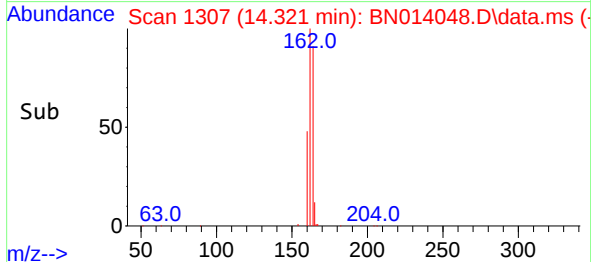
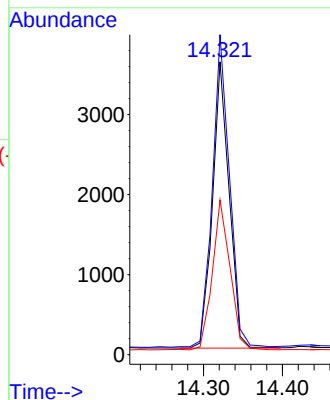
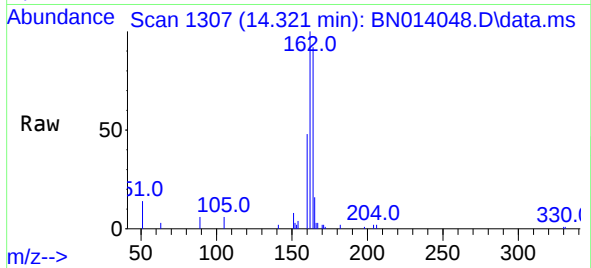
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.001 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:	164	Resp:	5215
Ion Ratio	Lower	Upper	
164	100		
162	109.2	79.6	119.4
160	52.8	36.0	54.0

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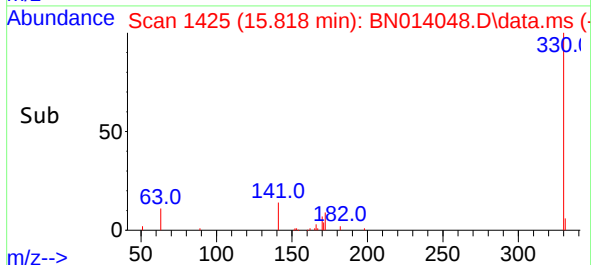
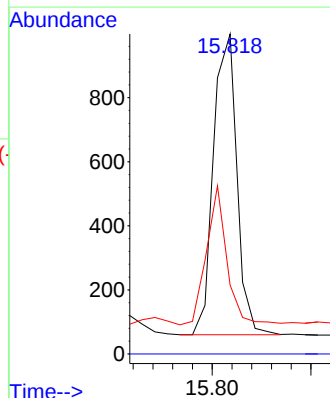
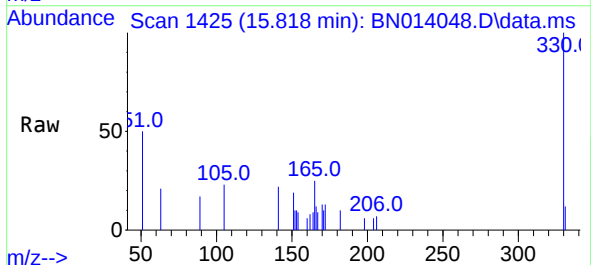
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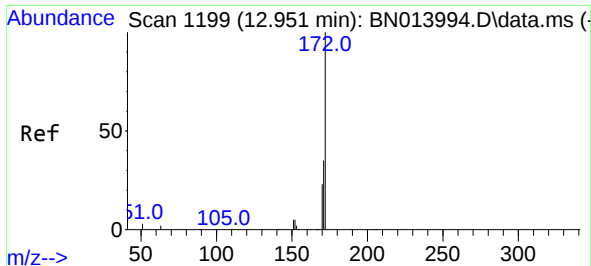
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#14
2,4,6-Tribromophenol
Concen: 0.91 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.001 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:	330	Resp:	1544
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	40.3	26.8	40.2





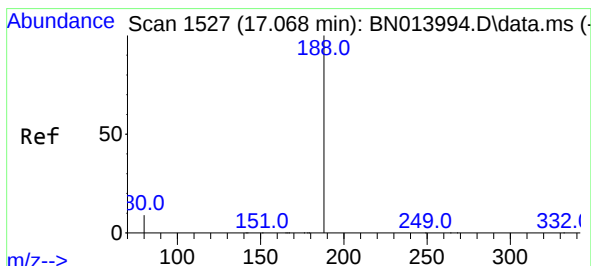
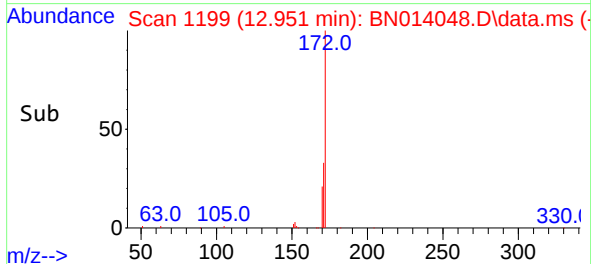
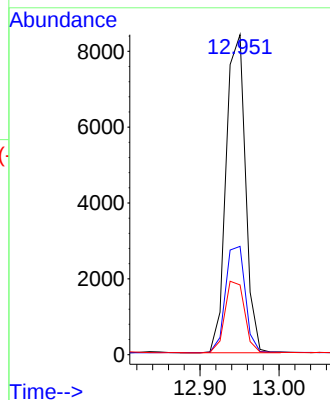
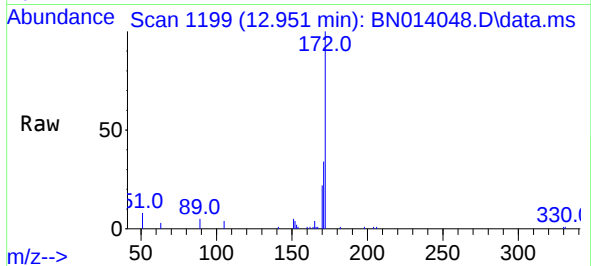
#15
2-Fluorobiphenyl
Concen: 0.74 ng
RT: 12.951 min Scan# 1199
Delta R.T. 0.001 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:	172	Resp:	14328
Ion Ratio	Lower	Upper	
172	100		
171	33.8	28.6	42.8
170	21.8	18.9	28.3

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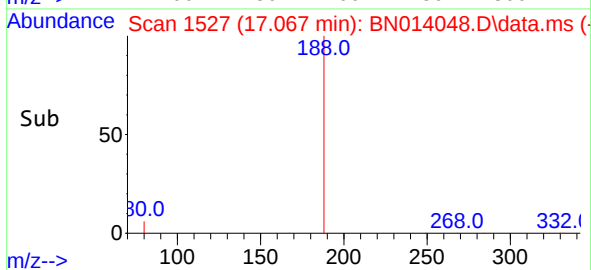
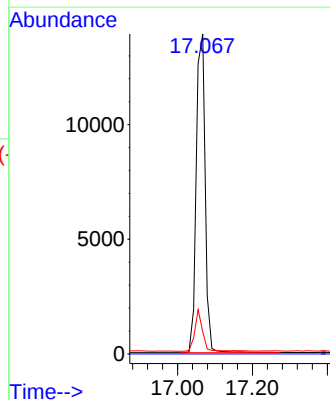
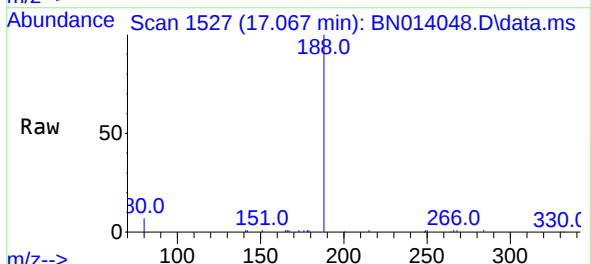
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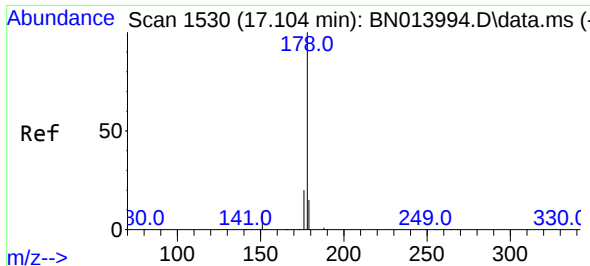
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#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

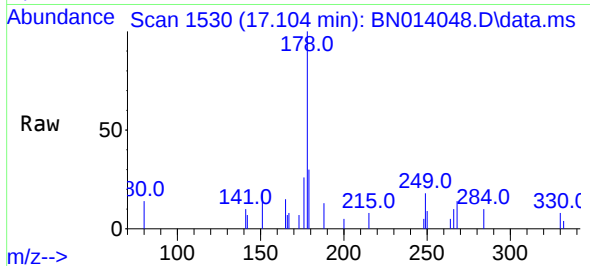
Tgt Ion:	188	Resp:	23025
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.9	9.0	13.6





#25
Phenanthrene
Concen: 0.02 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

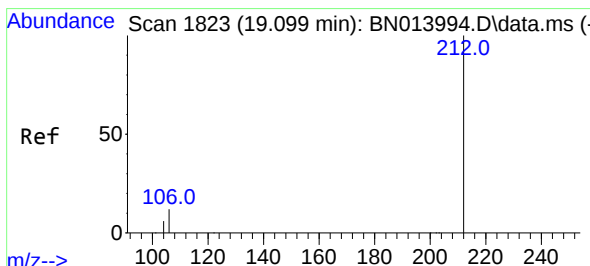
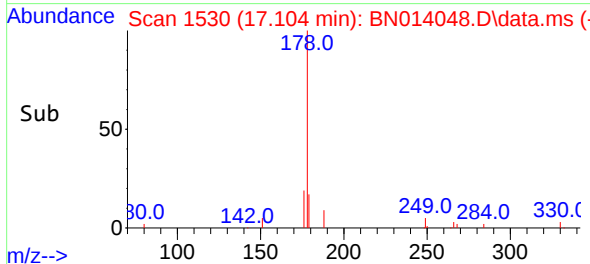
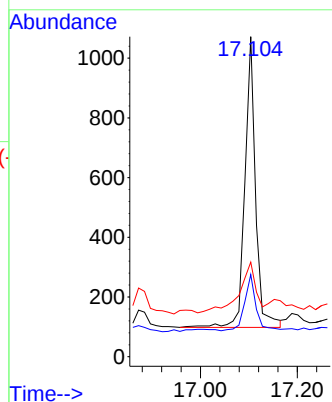
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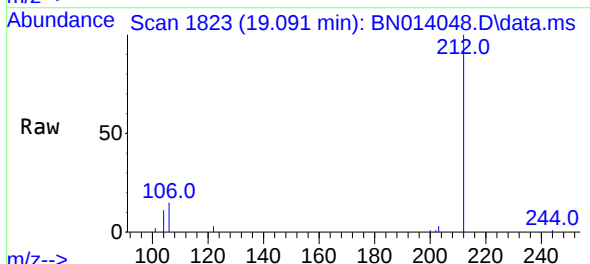
Tgt Ion:178 Resp: 1504
Ion Ratio Lower Upper
178 100
176 20.8 15.0 22.4
179 28.2 12.3 18.5#

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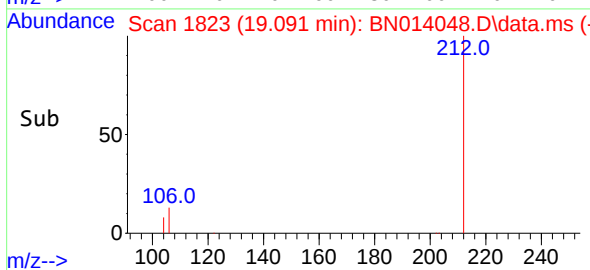
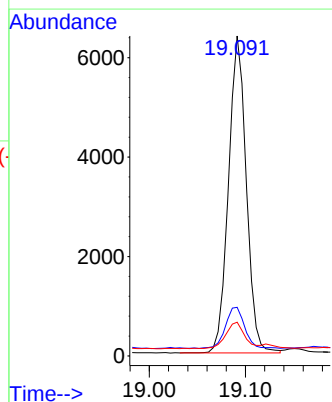
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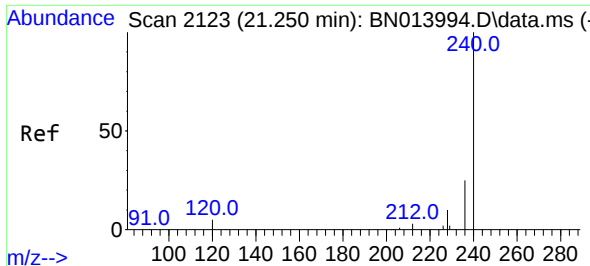


#27
Fluoranthene-d10
Concen: 0.13 ng
RT: 19.091 min Scan# 1823
Delta R.T. 0.003 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

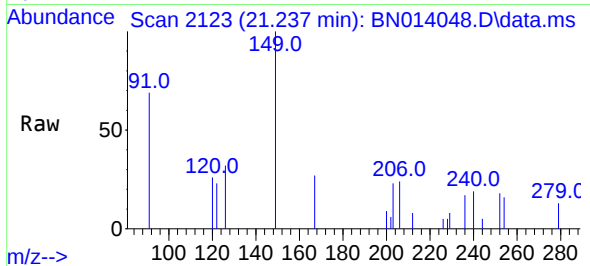


Tgt Ion:212 Resp: 8206
Ion Ratio Lower Upper
212 100
106 13.8 9.7 14.5
104 8.5 5.5 8.3#



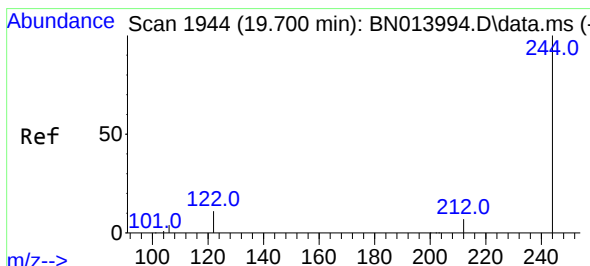
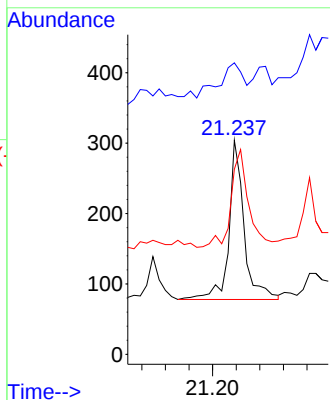
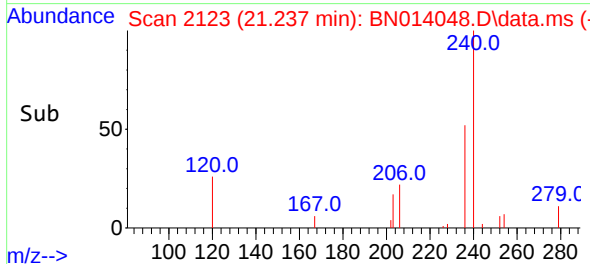


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.002 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

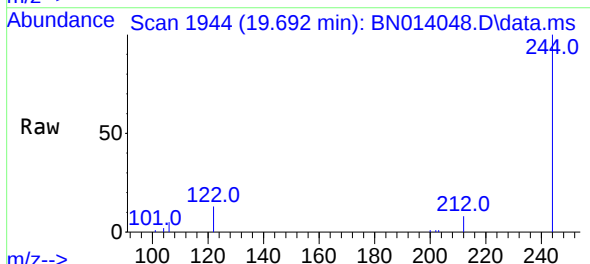


Tgt Ion:240 Resp: 404

Ion	Ratio	Lower	Upper
240	100		
120	136.2	10.2	15.4#
236	86.5	21.3	31.9#

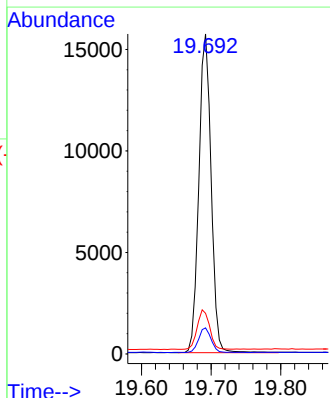
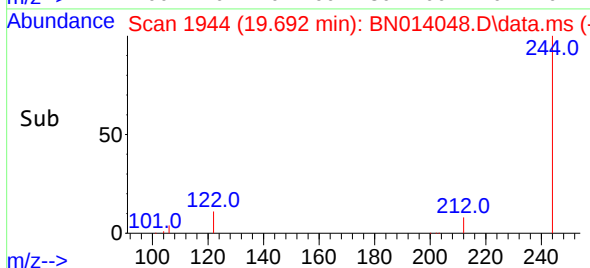


#31
Terphenyl-d14
Concen: 21.68 ng
RT: 19.692 min Scan# 1944
Delta R.T. 0.003 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30



Tgt Ion:244 Resp: 19241

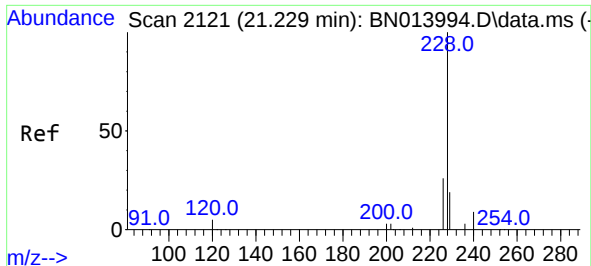
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.1	9.1
122	12.7	9.8	14.8



Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315

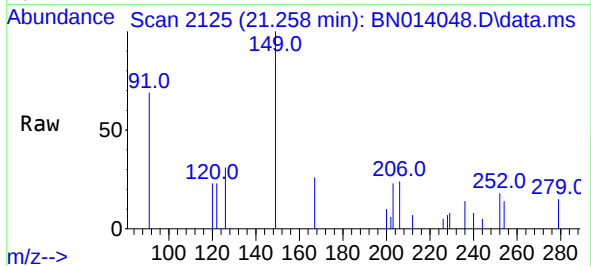
Manual Integrations
APPROVED

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#32
Benzo(a)anthracene
Concen: 0.08 ng m
RT: 21.258 min Scan# 2125
Delta R.T. 0.040 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

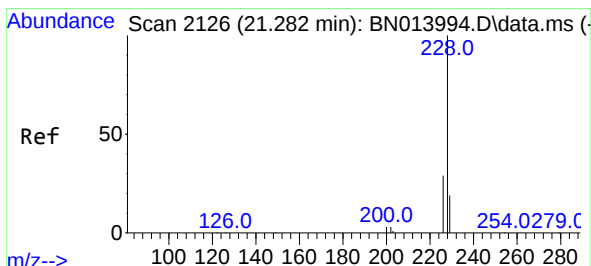
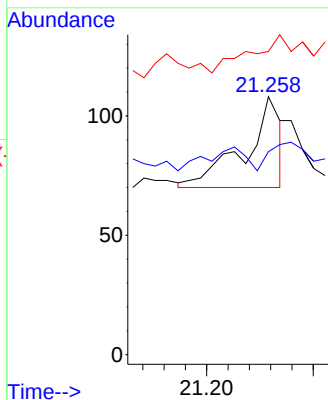
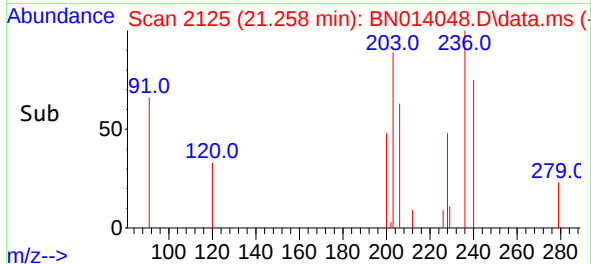
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315



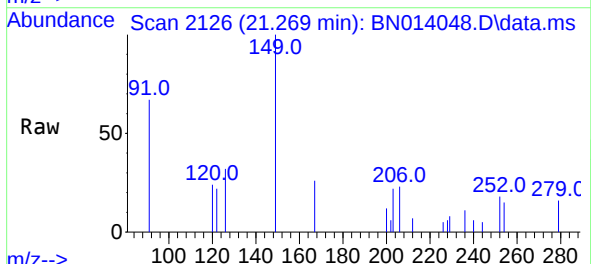
Tgt Ion:228 Resp: 89
Ion Ratio Lower Upper
228 100
226 78.7 20.5 30.7#
229 117.6 16.2 24.4#

Manual Integrations
APPROVED

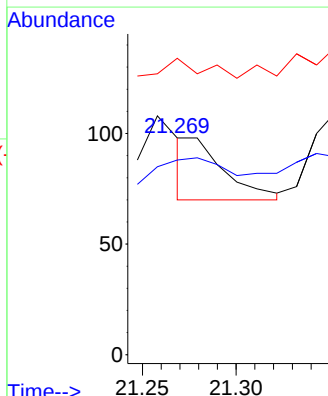
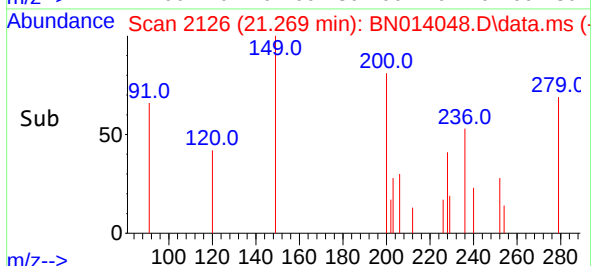
mohammad
3/24/2021 1:55:35 PM

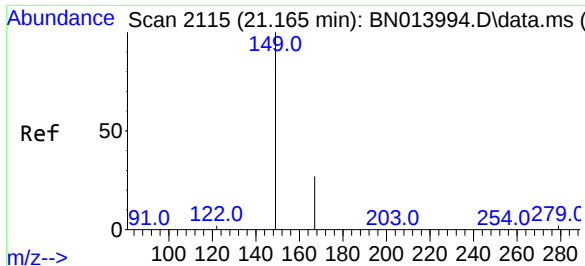


#33
Chrysene
Concen: 0.03 ng m
RT: 21.269 min Scan# 2126
Delta R.T. -0.002 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30



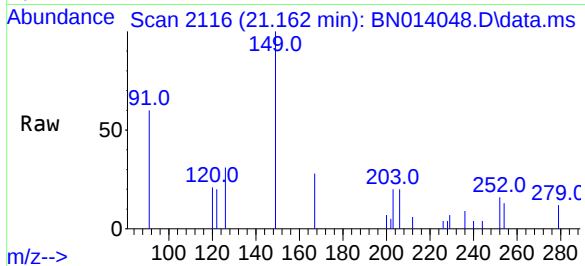
Tgt Ion:228 Resp: 38
Ion Ratio Lower Upper
228 100
226 89.8 24.3 36.5#
229 136.7 15.1 22.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 1.40 ng
RT: 21.162 min Scan# 2116
Delta R.T. 0.008 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

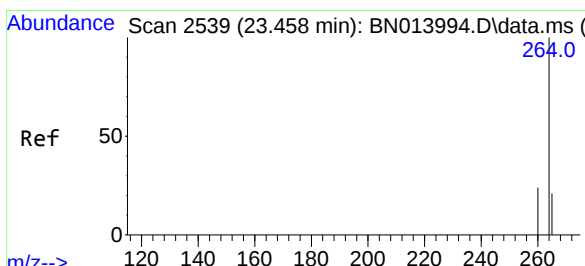
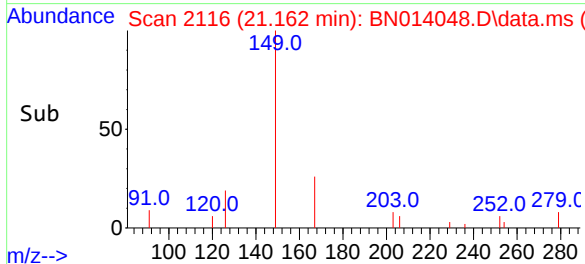
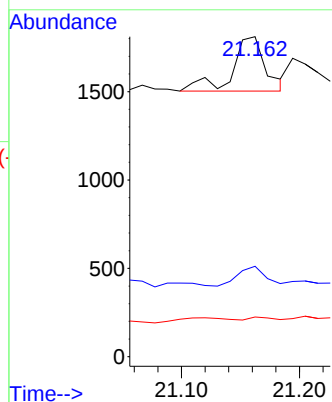
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315



Tgt Ion:149 Resp: 600
Ion Ratio Lower Upper
149 100
167 32.7 22.1 33.1
279 3.8 3.5 5.3

Manual Integrations
APPROVED

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3/24/2021 1:55:35 PM



#36
Perylene-d12
Concen: 0.40 ng m
RT: 23.449 min Scan# 2538
Delta R.T. 0.001 min
Lab File: BN014048.D
Acq: 23 Mar 2021 18:30

Tgt Ion:264 Resp: 4
Ion Ratio Lower Upper
264 100
260 77.0 19.3 28.9#
265 1558.2 66.2 99.4#

