

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030221\
 Data File : BN013808.D
 Acq On : 02 Mar 2021 14:39
 Operator : CG/JU
 Sample : M1535-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW807B-20-25-022721

Manual Integrations
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Quant Time: Mar 02 15:14:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 25 11:31:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.733	152	5609	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	21935	0.40	ng	-0.01
13) Acenaphthene-d10	14.372	164	12064	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	26116	0.40	ng	#-0.01
29) Chrysene-d12	21.290	240	25532	0.40	ng	-0.01
36) Perylene-d12	23.538	264	23150	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	1841	0.12	ng	0.00
5) Phenol-d6	6.895	99	1437	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	4446m	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	10200	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	1494	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	16582	0.39	ng	-0.01
27) Fluoranthene-d10	19.146	212	28984	0.38	ng	0.00
31) Terphenyl-d14	19.747	244	40050	0.71	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	1166	0.17	ng	# 1
9) Naphthalene	10.568	128	1605	0.03	ng	# 79
16) Acenaphthylene	14.080	152	1293	0.02	ng	97
17) Acenaphthene	14.435	154	1156	0.03	ng	94
18) Fluorene	15.425	166	1683	0.04	ng	# 91
25) Phenanthrene	17.152	178	31457	0.46	ng	99
26) Anthracene	17.250	178	2955	0.04	ng	98
28) Fluoranthene	19.176	202	6211	0.08	ng	# 88
30) Pyrene	19.538	202	6540	0.08	ng	97
32) Benzo(a)anthracene	21.279	228	2212	0.03	ng	# 90
33) Chrysene	21.332	228	2533	0.03	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.215	149	6992	0.19	ng	96
37) Benzo(b)fluoranthene	22.864	252	1959	0.03	ng	# 42
38) Benzo(k)fluoranthene	22.908	252	1723	0.02	ng	# 37
39) Benzo(a)pyrene	23.439	252	1576	0.02	ng	# 8

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

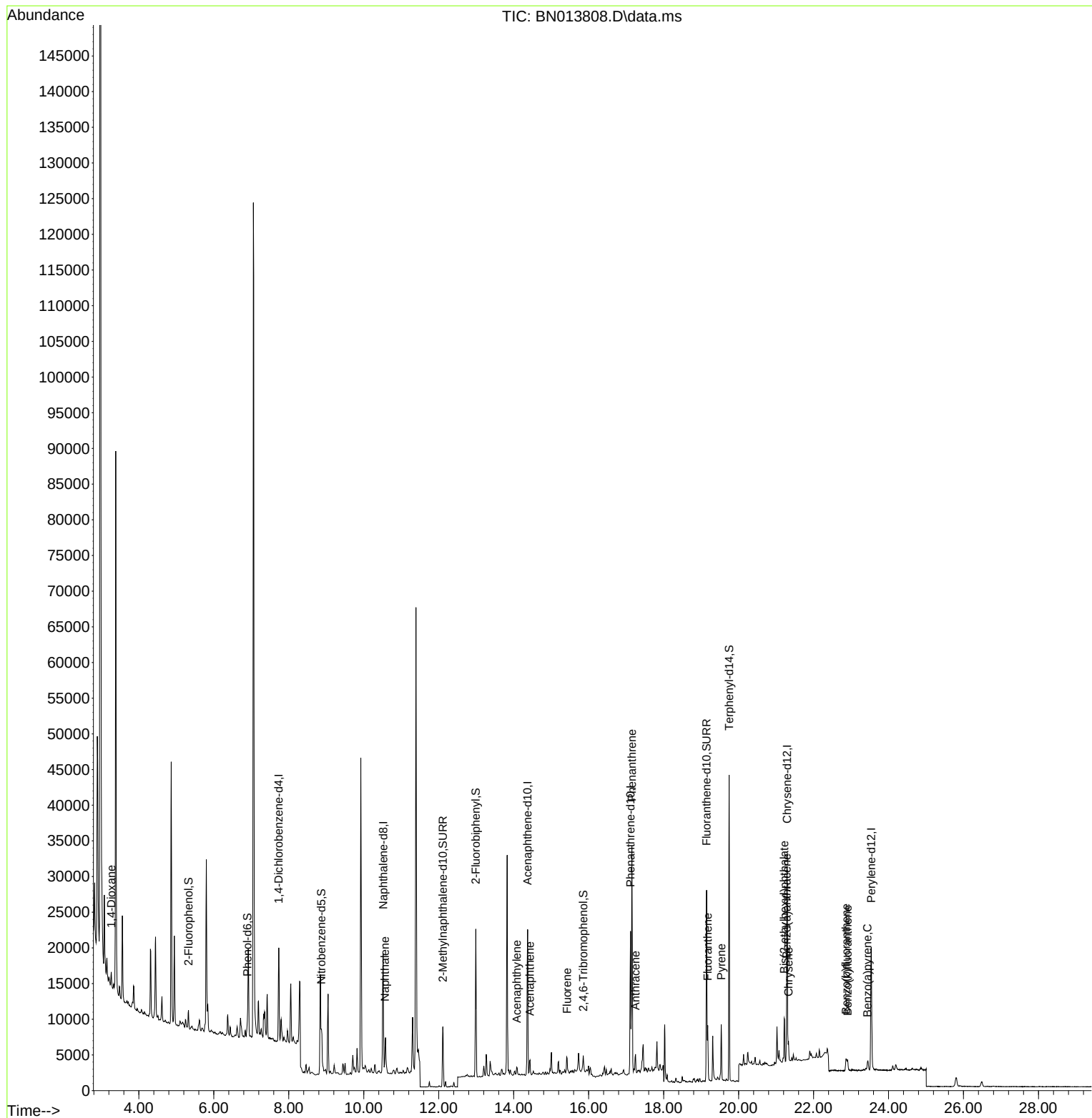
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030221\
Data File : BN013808.D
Acq On : 02 Mar 2021 14:39
Operator : CG/JU
Sample : M1535-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

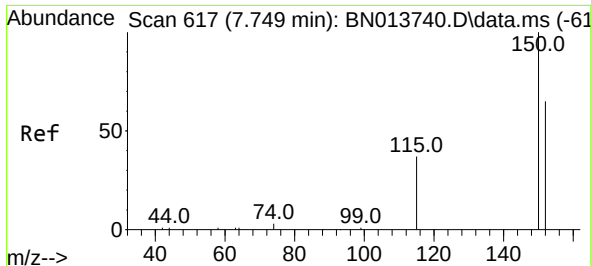
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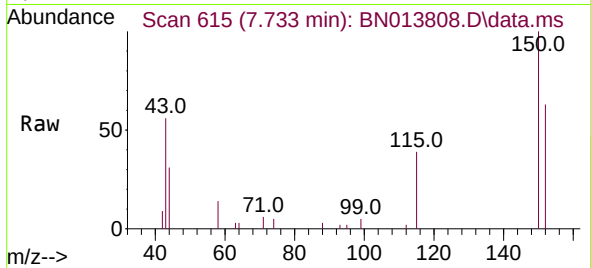
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Quant Time: Mar 02 15:14:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration

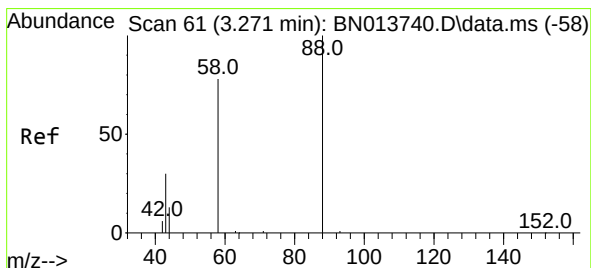
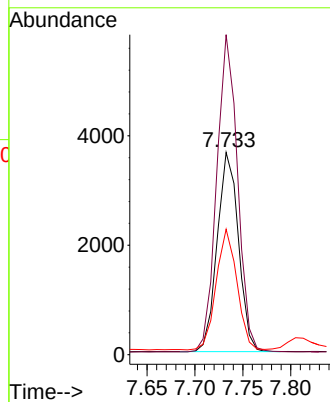
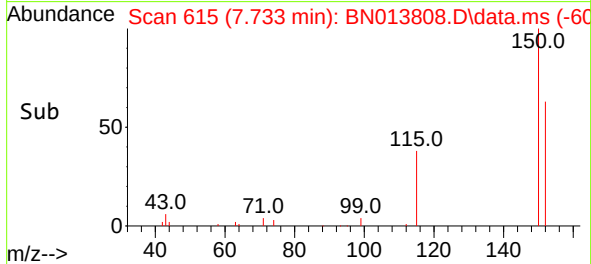




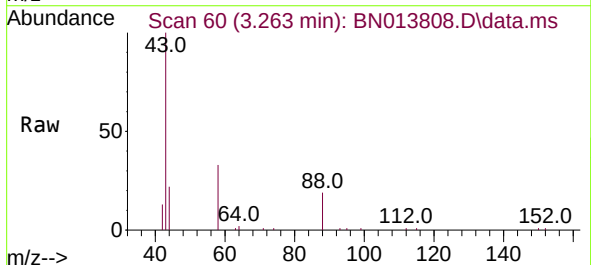
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.733 min Scan# 615
Delta R.T. -0.008 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39



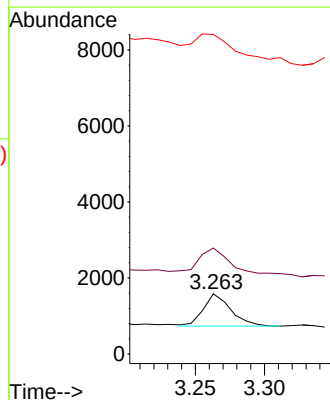
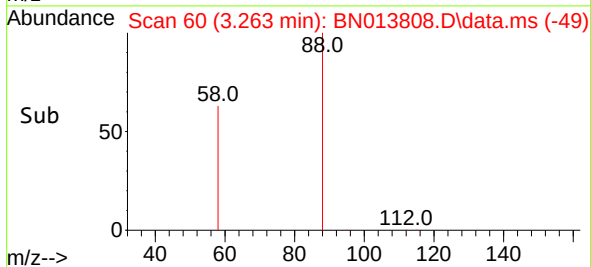
Tgt Ion: 152 Resp: 5609
Ion Ratio Lower Upper
152 100
150 158.2 121.8 182.8
115 62.0 46.6 69.8



#2
1,4-Dioxane
Concen: 0.17 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39



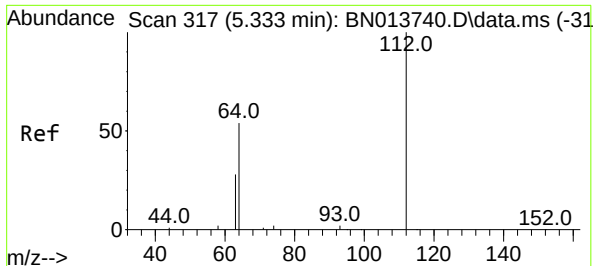
Tgt Ion: 88 Resp: 1166
Ion Ratio Lower Upper
88 100
58 122.7 64.6 96.8#
43 170.0 26.6 40.0#



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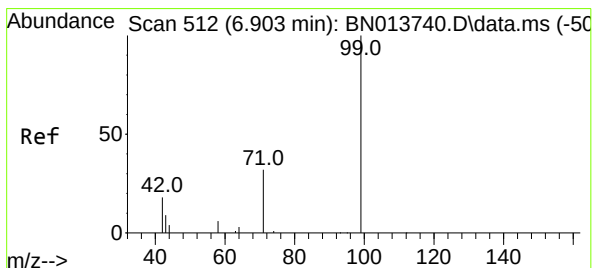
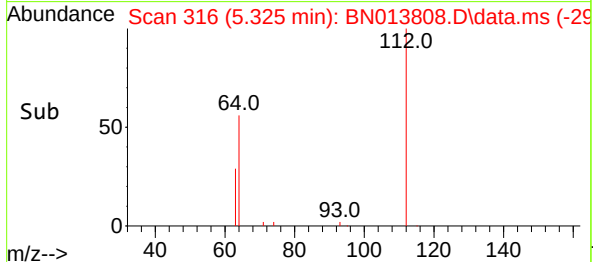
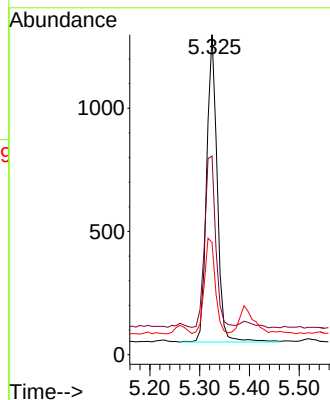
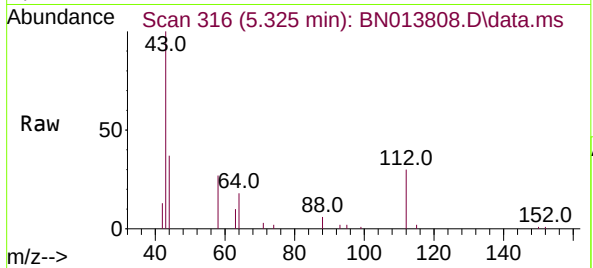
#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN013808.D
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Tgt Ion: 112 Resp: 1841
Ion Ratio Lower Upper
112 100
64 58.4 44.3 66.5
63 31.8 23.0 34.6

Instrument :
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ClientSampleId :
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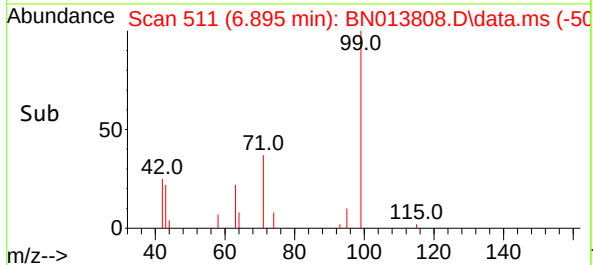
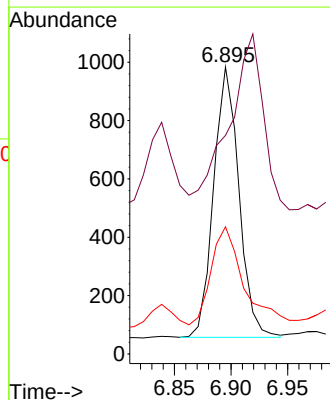
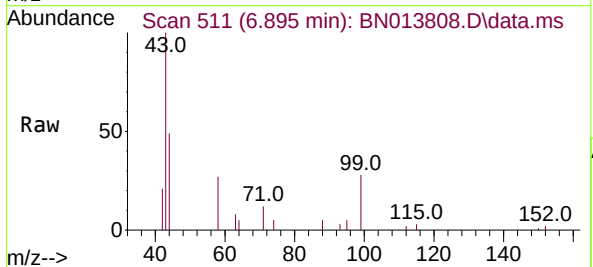
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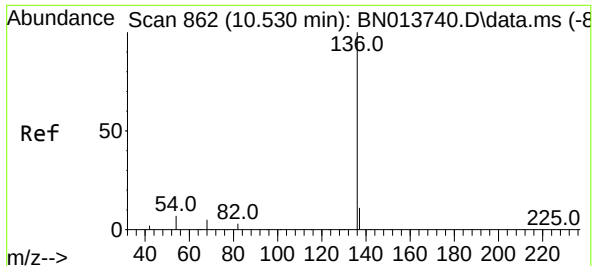
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#5
Phenol-d6
Concen: 0.07 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

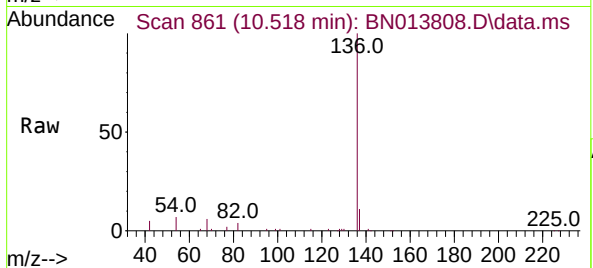
Tgt Ion: 99 Resp: 1437
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 47.5 26.1 39.1#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

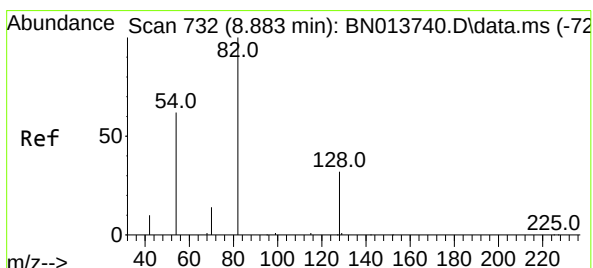
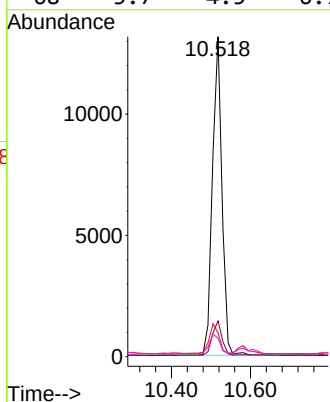
Instrument :
BNA_N
ClientSampleId :
GW807B-20-25-022721



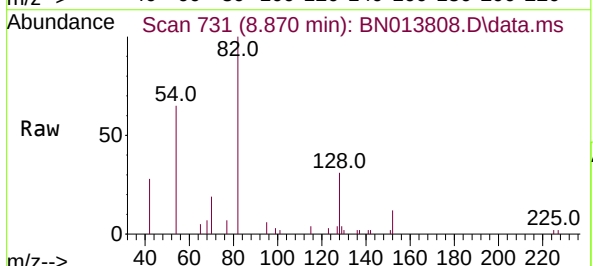
Tgt Ion:	136	Resp:	21935
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	7.5	6.4	9.6
68	5.7	4.5	6.7

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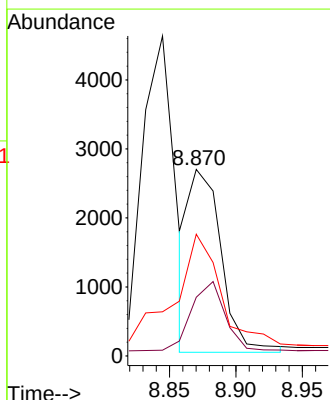
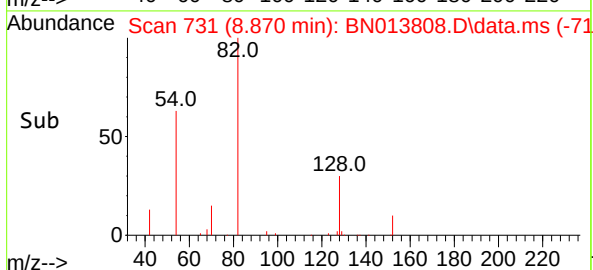
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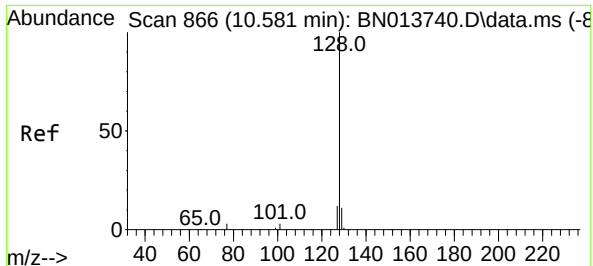


#8
Nitrobenzene-d5
Concen: 0.32 ng m
RT: 8.870 min Scan# 731
Delta R.T. -0.013 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39



Tgt Ion:	82	Resp:	4446
Ion	Ratio	Lower	Upper
82	100		
128	31.5	39.2	58.8#
54	65.3	40.1	60.1#





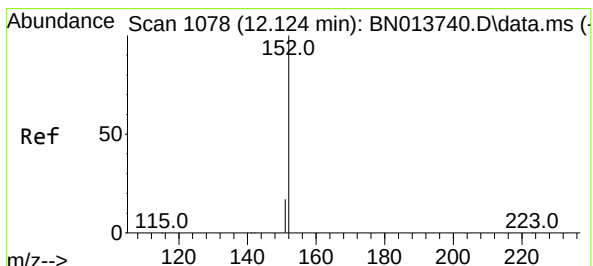
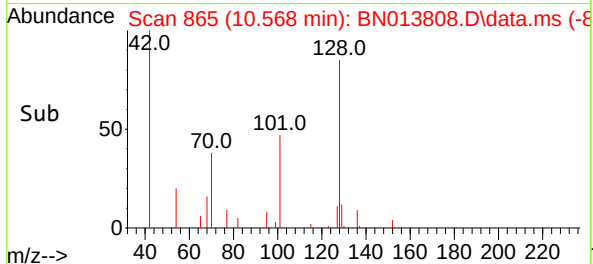
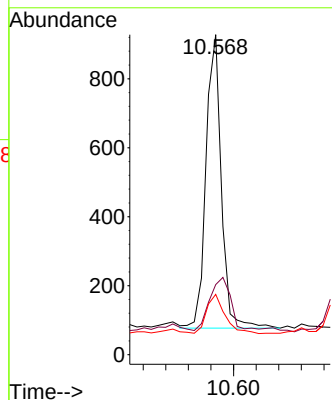
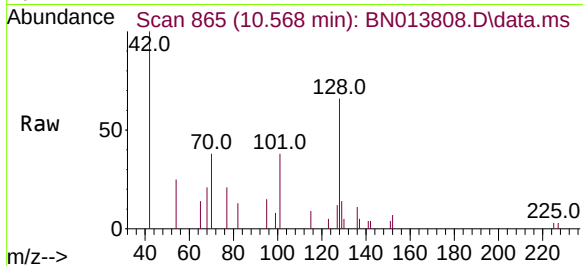
#9
Naphthalene
Concen: 0.03 ng
RT: 10.568 min Scan# 865
Delta R.T. 0.000 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	21.9	9.0	13.4#
127	18.9	10.4	15.6#

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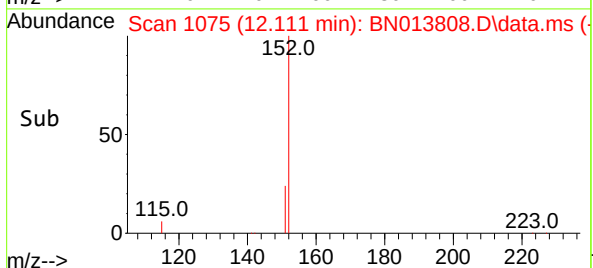
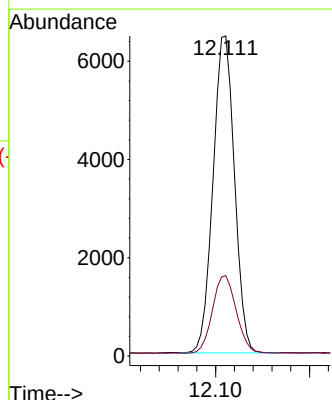
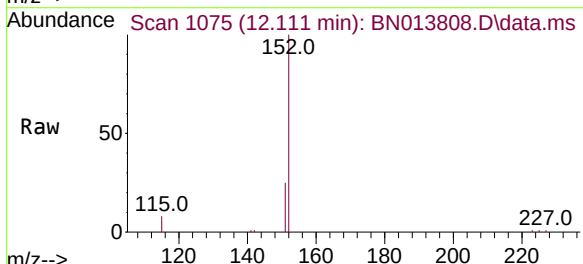
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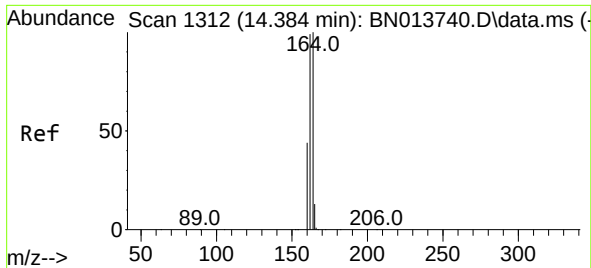
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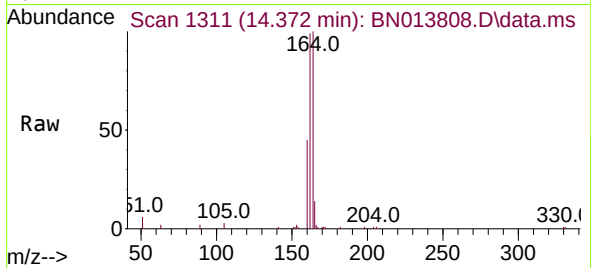
#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.111 min Scan# 1075
Delta R.T. -0.009 min
Lab File: BN013808.D
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	27.2	16.2	24.2#



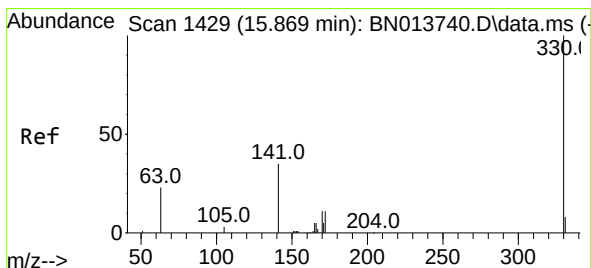
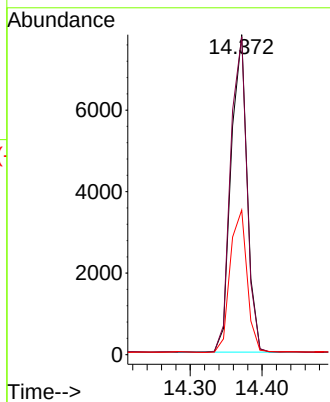
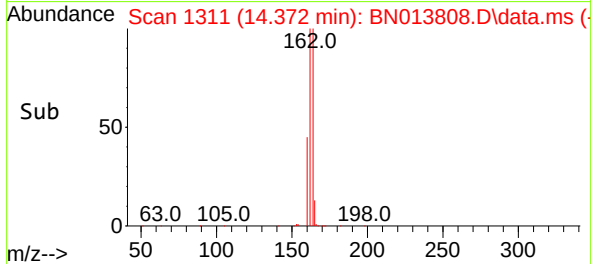


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

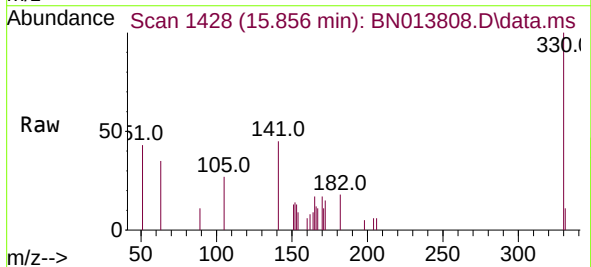


Tgt Ion:164 Resp: 12064

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.6	119.4
160	45.2	36.0	54.0

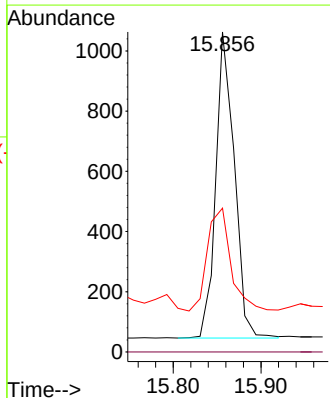
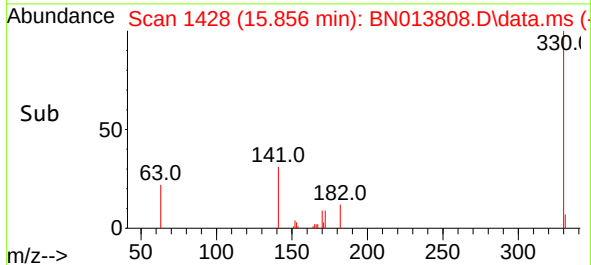


#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39



Tgt Ion:330 Resp: 1494

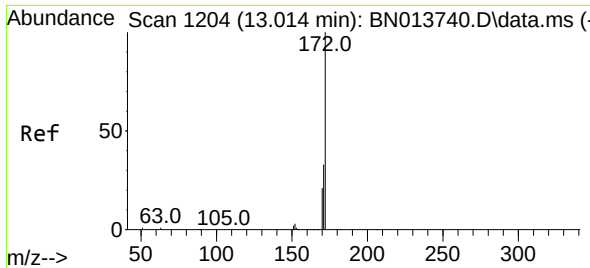
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.6	26.8	40.2



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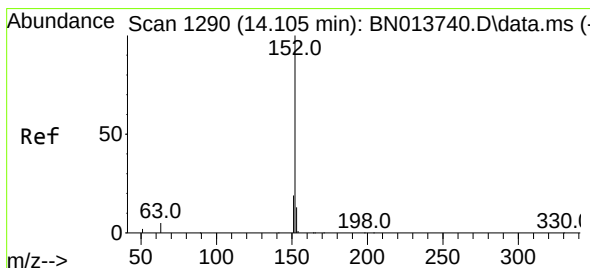
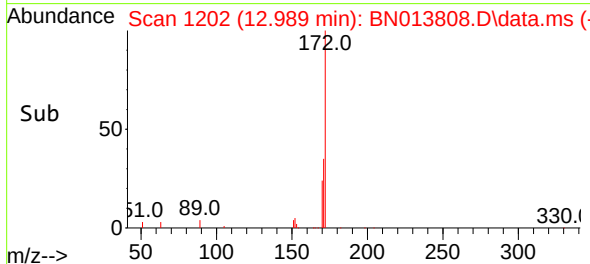
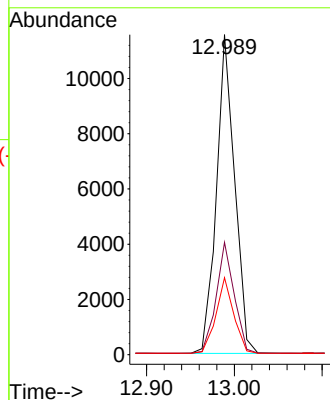
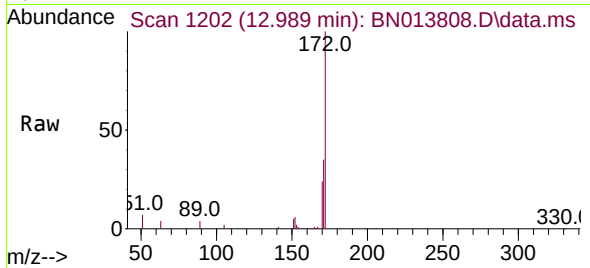
#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion:	172	Resp:	16582
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.6	42.8
170	24.1	18.9	28.3

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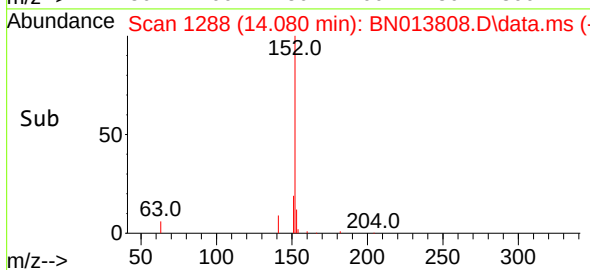
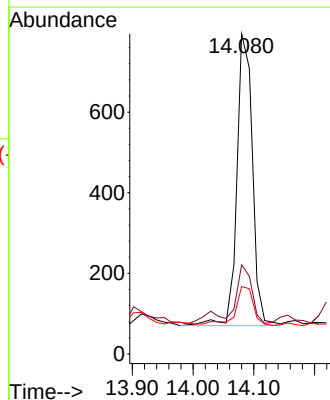
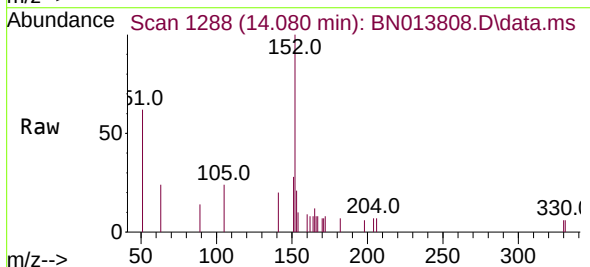
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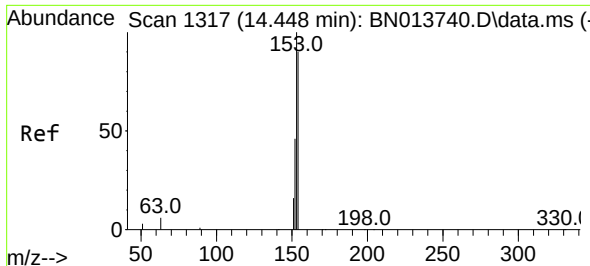
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#16
Acenaphthylene
Concen: 0.02 ng
RT: 14.080 min Scan# 1288
Delta R.T. -0.013 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

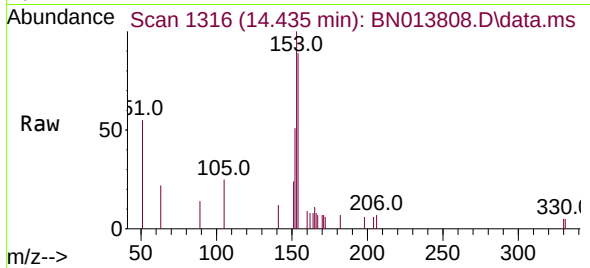
Tgt Ion:	152	Resp:	1293
Ion Ratio	Lower	Upper	
152	100		
151	18.9	15.7	23.5
153	14.9	10.5	15.7





#17
Acenaphthene
Concen: 0.03 ng
RT: 14.435 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

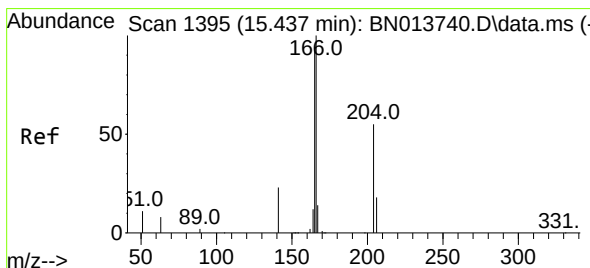
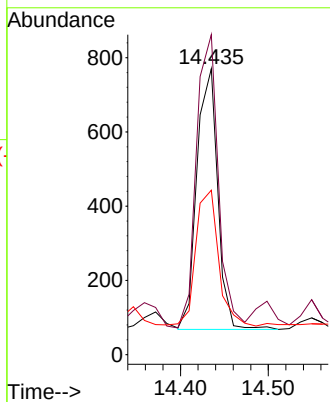
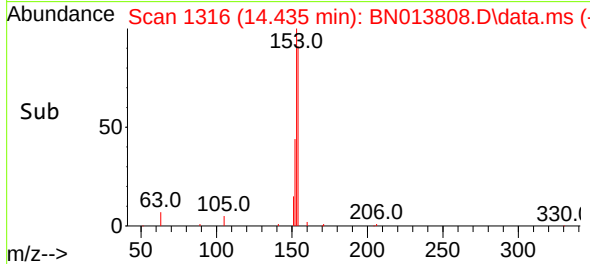
Instrument :
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ClientSampleId :
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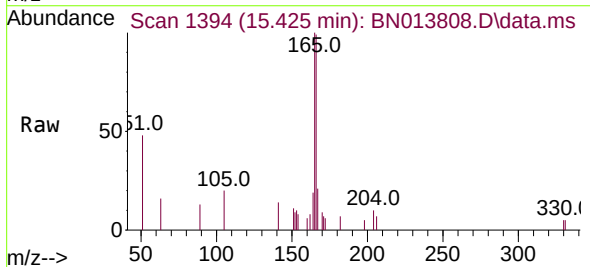
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Ion Ratio Lower Upper
154 100
153 118.3 88.4 132.6
152 56.9 43.0 64.4

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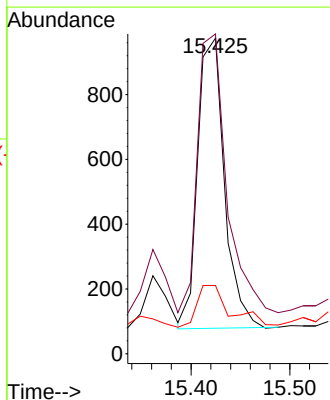
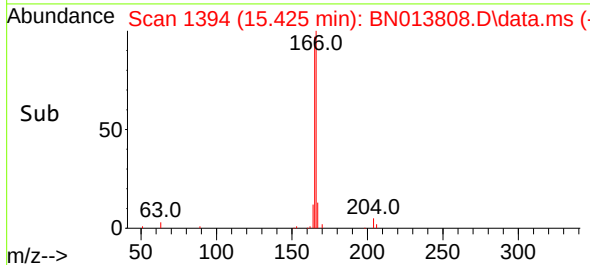
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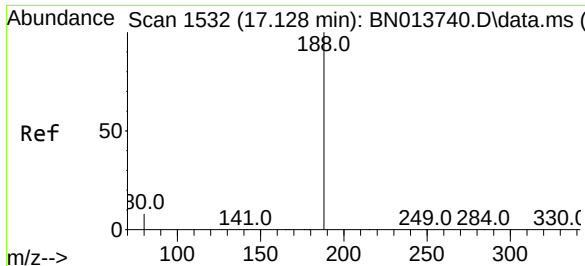


#18
Fluorene
Concen: 0.04 ng
RT: 15.425 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39



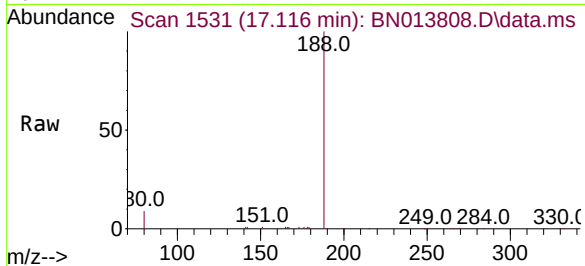
Tgt Ion:166 Resp: 1683
Ion Ratio Lower Upper
166 100
165 106.0 77.8 116.8
167 18.5 10.6 16.0#





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013808.D
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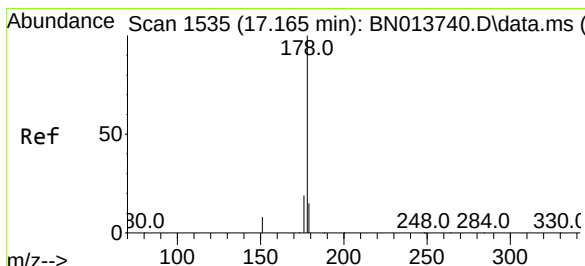
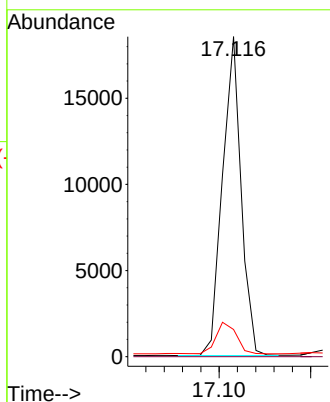
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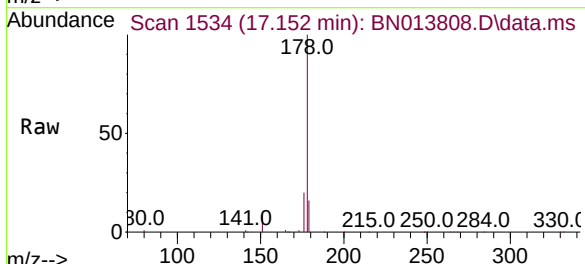
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	9.0	13.6#

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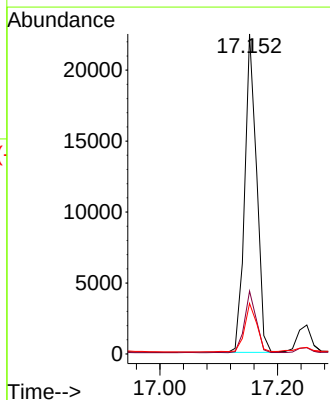
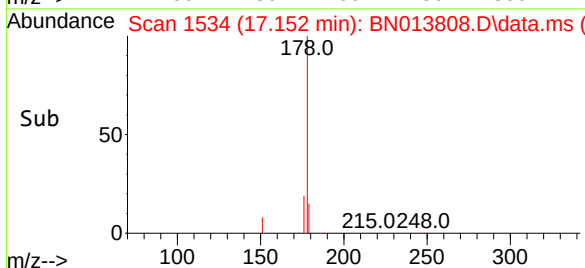
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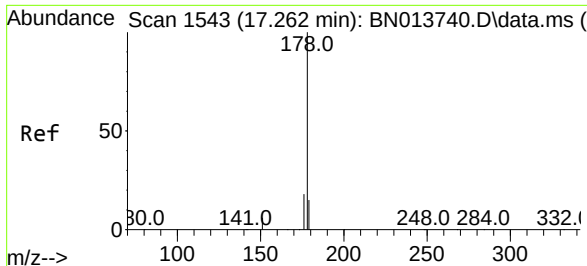


#25
Phenanthrene
Concen: 0.46 ng
RT: 17.152 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BN013808.D
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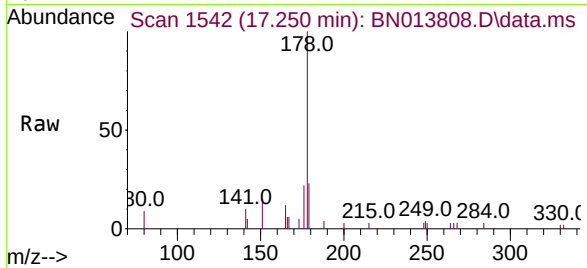


Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.8	12.3	18.5

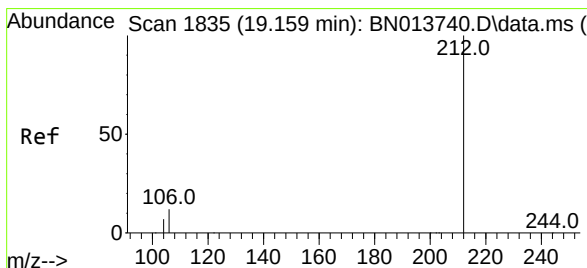
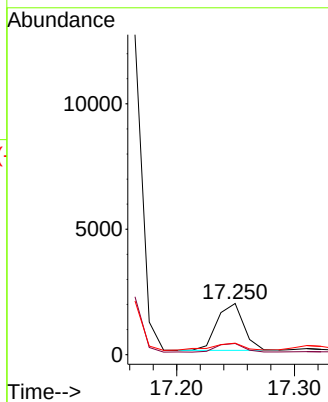
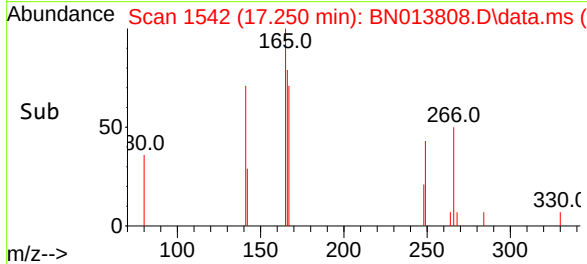




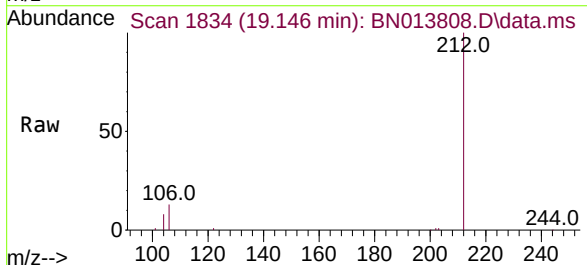
#26
 Anthracene
 Concen: 0.04 ng
 RT: 17.250 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: BN013808.D
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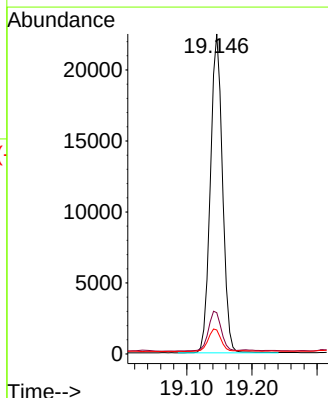
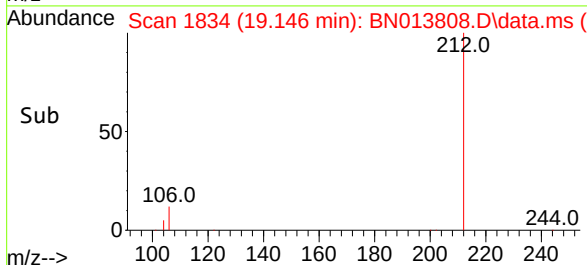
Tgt Ion:178 Resp: 2955
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 21.8
 179 17.0 12.2 18.2



#27
 Fluoranthene-d10
 Concen: 0.38 ng
 RT: 19.146 min Scan# 1834
 Delta R.T. -0.010 min
 Lab File: BN013808.D
 Acq: 02 Mar 2021 14:39



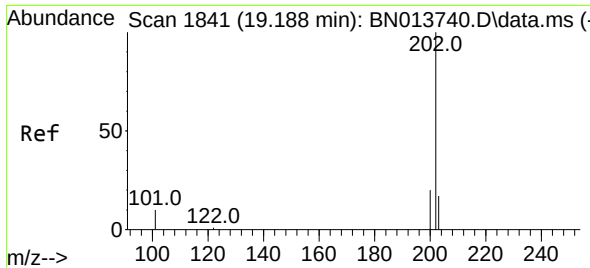
Tgt Ion:212 Resp: 28984
 Ion Ratio Lower Upper
 212 100
 106 13.5 9.7 14.5
 104 7.5 5.5 8.3



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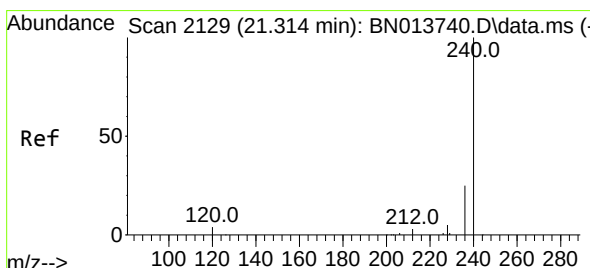
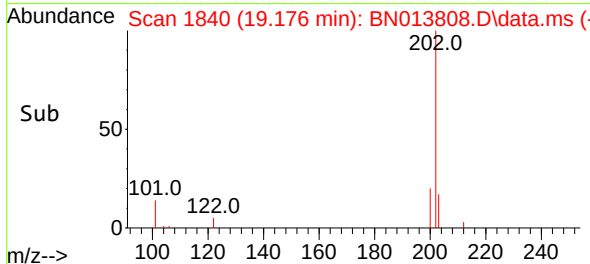
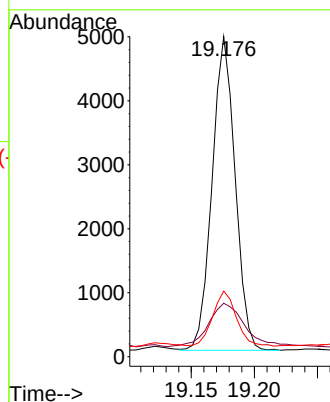
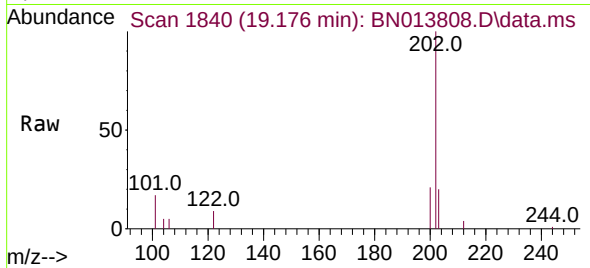
#28
Fluoranthene
Concen: 0.08 ng
RT: 19.176 min Scan# 1840
Delta R.T. -0.010 min
Lab File: BN013808.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	22.5	8.1	12.1#
203	17.4	13.9	20.9

Instrument :
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ClientSampleId :
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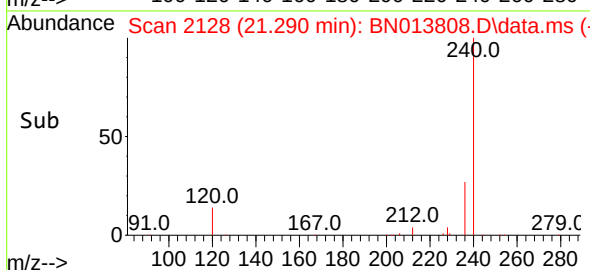
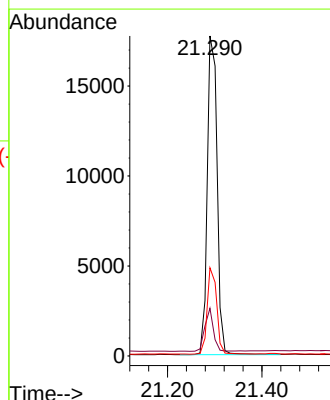
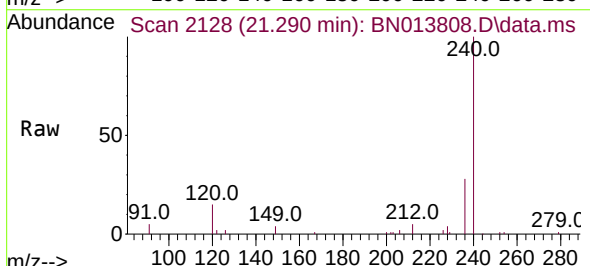
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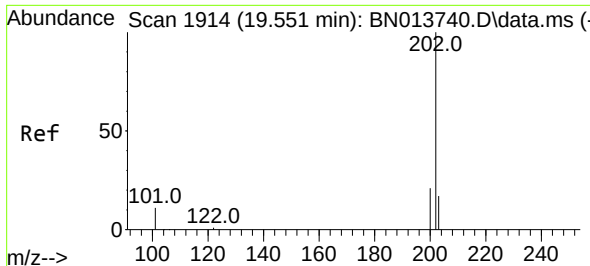
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#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.290 min Scan# 2128
Delta R.T. -0.011 min
Lab File: BN013808.D
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Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	10.2	15.4
236	27.5	21.3	31.9





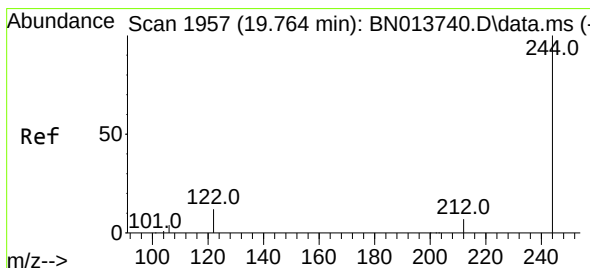
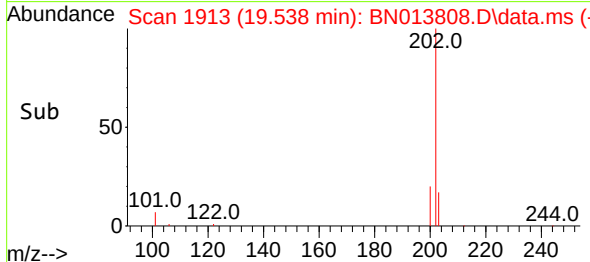
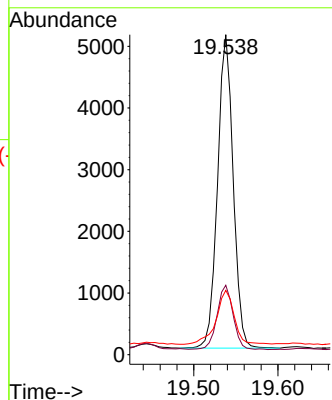
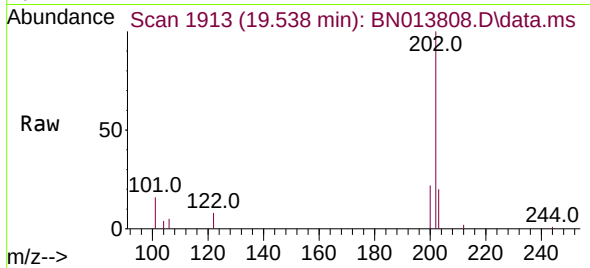
#30
Pyrene
Concen: 0.08 ng
RT: 19.538 min Scan# 1913
Delta R.T. -0.010 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion:	202	Resp:	6540
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.3	24.5
203	19.9	14.0	21.0

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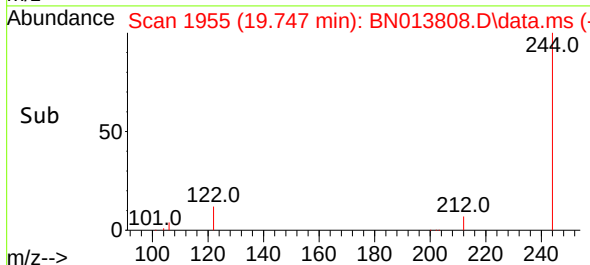
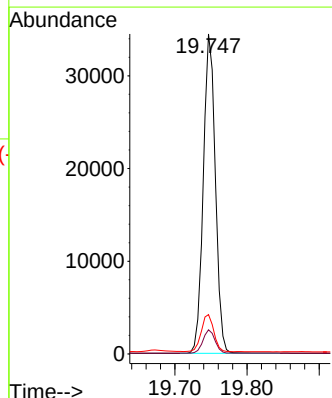
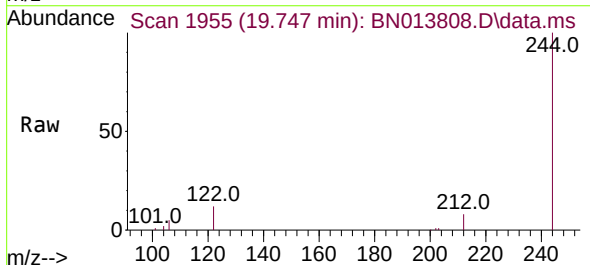
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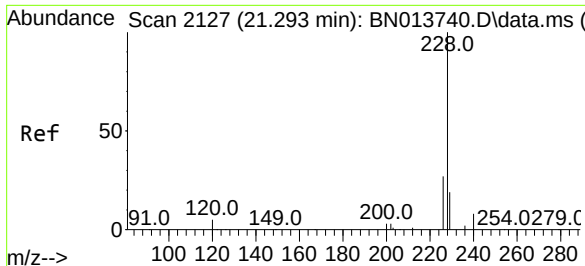
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#31
Terphenyl-d14
Concen: 0.71 ng
RT: 19.747 min Scan# 1955
Delta R.T. -0.015 min
Lab File: BN013808.D
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Tgt Ion:	244	Resp:	40050
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.1	9.1
122	12.3	9.8	14.8





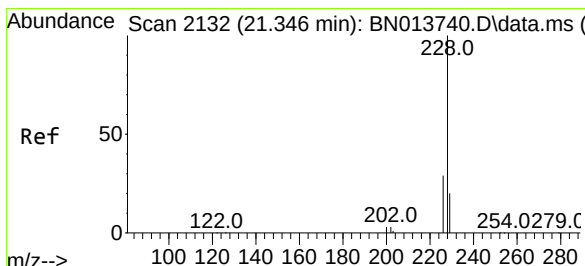
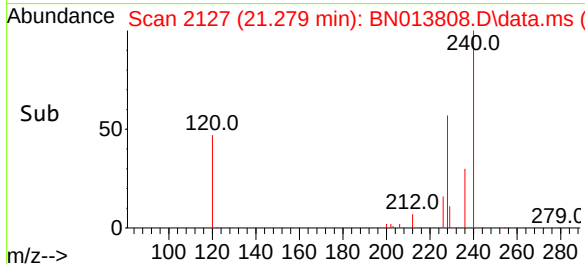
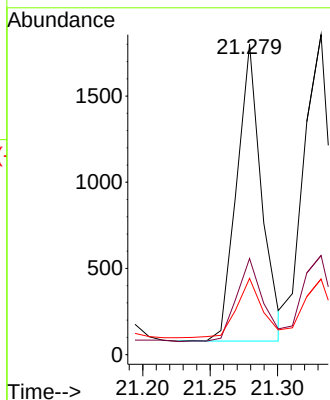
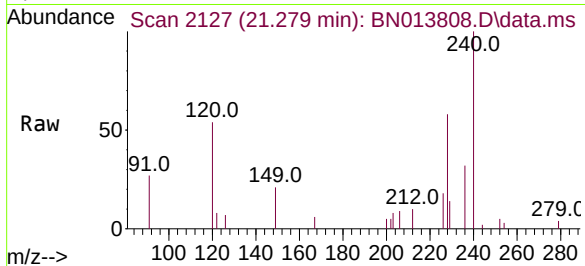
#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.279 min Scan# 2127
Delta R.T. -0.011 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	20.5	30.7#
229	24.5	16.2	24.4#

Instrument :
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ClientSampleId :
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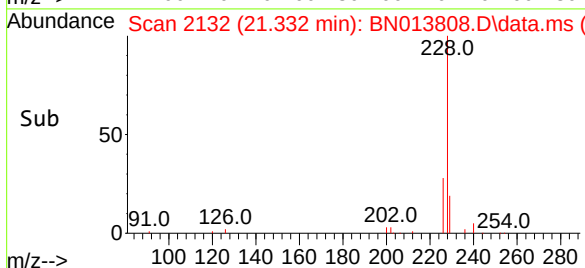
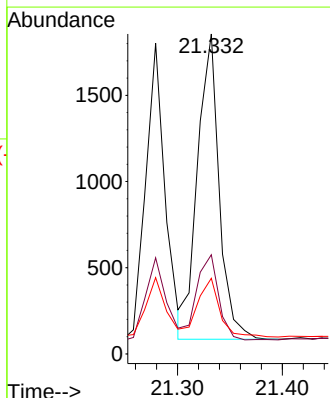
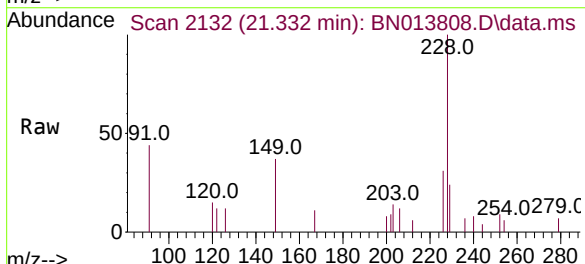
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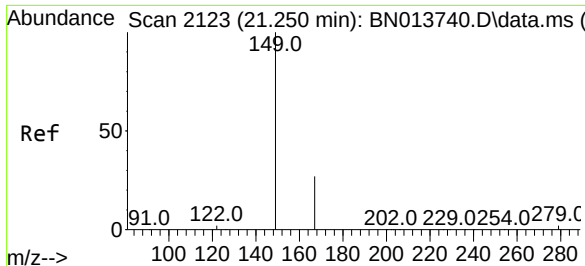
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#33
Chrysene
Concen: 0.03 ng
RT: 21.332 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BN013808.D
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.3	36.5
229	23.7	15.1	22.7#





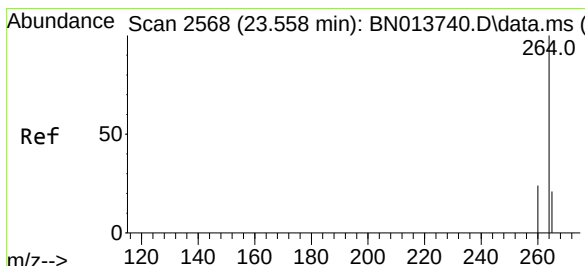
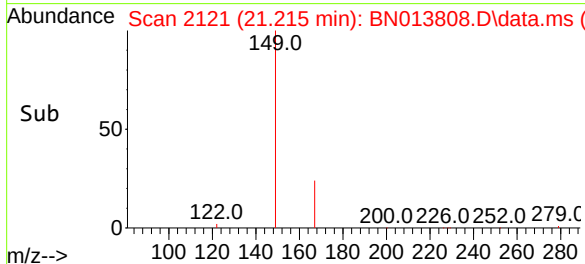
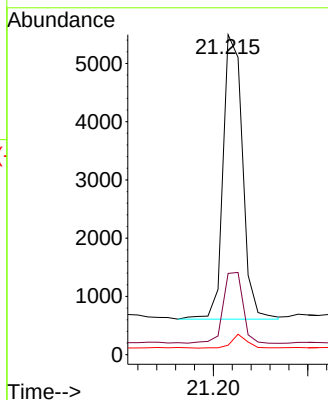
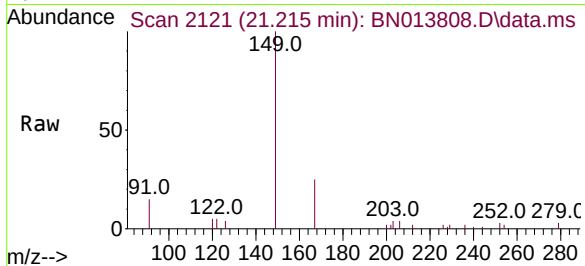
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 21.215 min Scan# 2121
Delta R.T. -0.021 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion:	149	Resp:	6992
Ion Ratio	Lower	Upper	
149	100		
167	25.2	22.1	33.1
279	3.9	3.5	5.3

Instrument :
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ClientSampleId :
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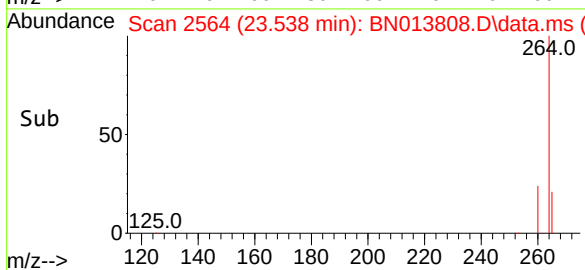
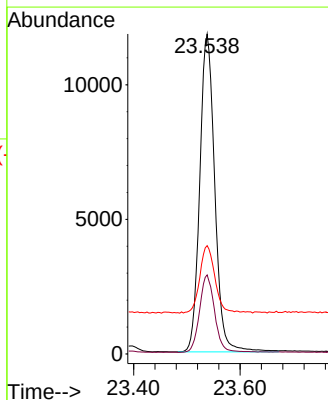
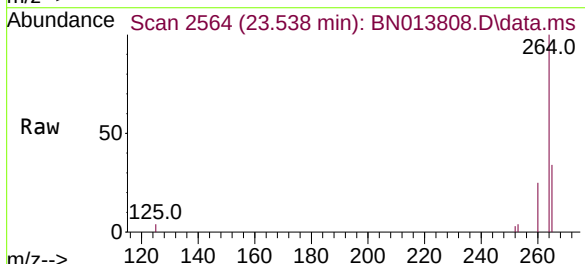
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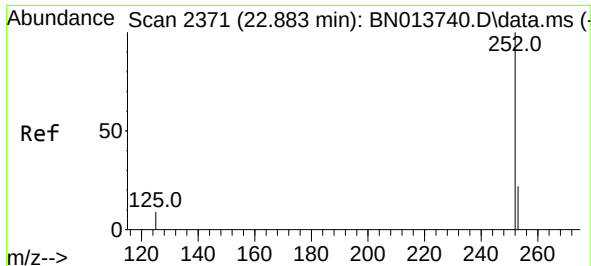
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#36
Perylene-d12
Concen: 0.40 ng
RT: 23.538 min Scan# 2564
Delta R.T. -0.014 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion:	264	Resp:	23150
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.3	28.9
265	33.9	66.2	99.4#





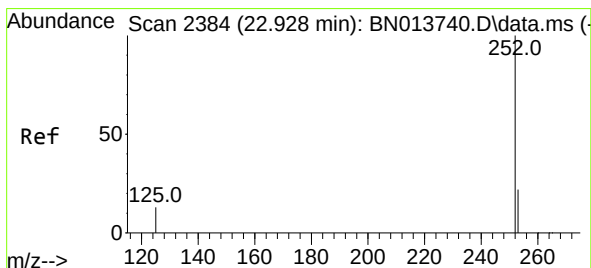
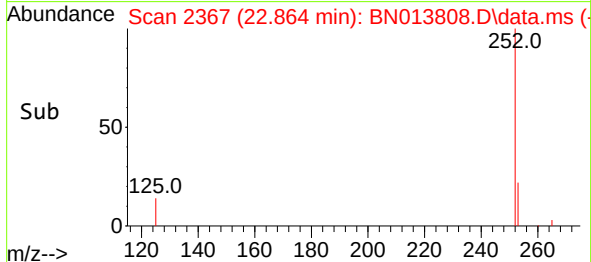
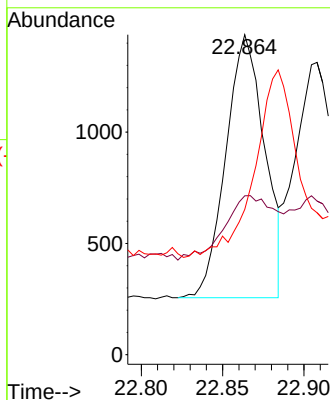
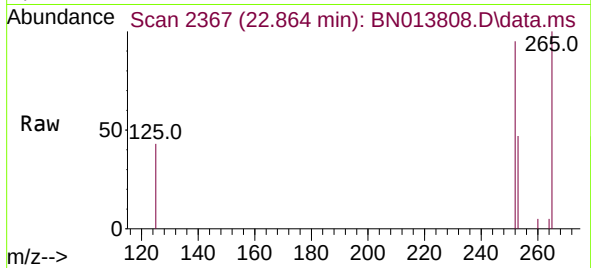
#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.864 min Scan# 2367
Delta R.T. -0.014 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion:252 Resp: 1959
Ion Ratio Lower Upper
252 100
253 49.7 20.4 30.6#
125 45.4 11.6 17.4#

Instrument :
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ClientSampleId :
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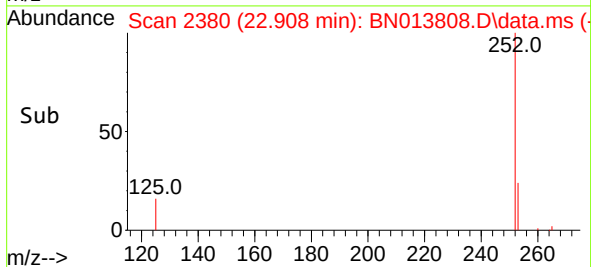
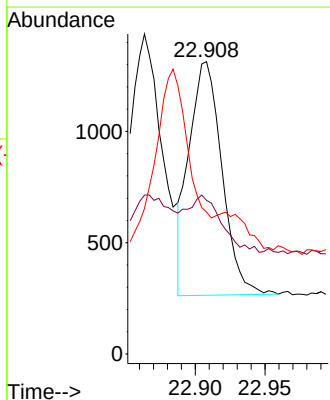
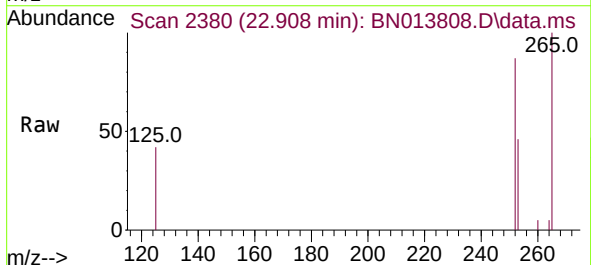
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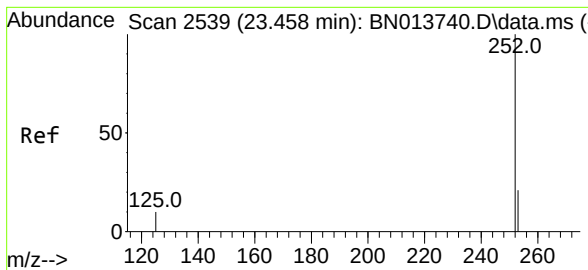
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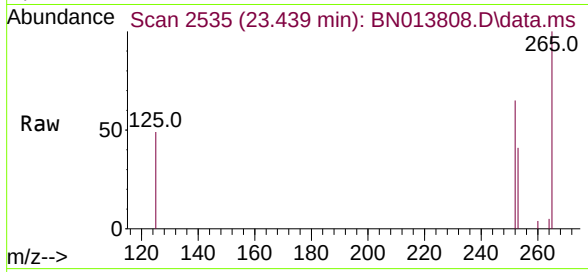
#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.908 min Scan# 2380
Delta R.T. -0.014 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion:252 Resp: 1723
Ion Ratio Lower Upper
252 100
253 52.5 20.5 30.7#
125 48.6 12.3 18.5#

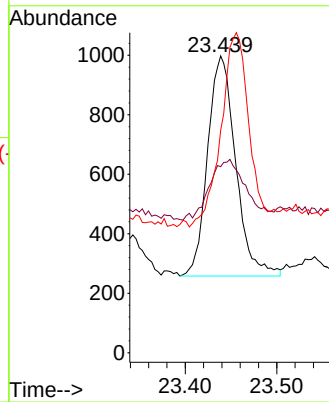
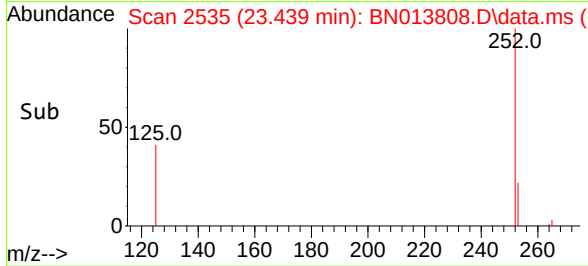




#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.439 min Scan# 2535
Delta R.T. -0.017 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39



Tgt Ion:252 Resp: 1576
Ion Ratio Lower Upper
252 100
253 62.7 21.8 32.6#
125 74.9 14.6 21.8#



Instrument :
BNA_N
ClientSampleId :
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