

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
 Data File : BN012442.D
 Acq On : 29 Oct 2020 17:33
 Operator : CG/JU
 Sample : L4560-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B308-B309-LOC1-SO-0002

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Quant Time: Oct 29 18:03:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 28 10:32:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	697	0.40	ng	# 0.00
7) Naphthalene-d8	10.351	136	2701	0.40	ng	# 0.00
13) Acenaphthene-d10	14.217	164	1573	0.40	ng	0.00
19) Phenanthrene-d10	16.968	188	3261	0.40	ng	# 0.00
29) Chrysene-d12	21.184	240	3377	0.40	ng	# 0.01
36) Perylene-d12	23.354	264	4028	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	656	0.27	ng	0.00
5) Phenol-d6	6.757	99	785	0.27	ng	0.00
8) Nitrobenzene-d5	8.742	82	1008	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	11.953	152	1209	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.727	330	303	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.847	172	2006	0.34	ng	0.00
27) Fluoranthene-d10	19.007	212	3045	0.30	ng	0.00
31) Terphenyl-d14	19.618	244	3381	0.43	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.042	202	1349	0.12	ng	# 97
30) Pyrene	19.410	202	1208	0.11	ng	# 92
32) Benzo(a)anthracene	21.163	228	885	0.09	ng	# 88
33) Chrysene	21.216	228	990	0.09	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.099	149	1071	0.16	ng	91
35) Indeno(1,2,3-cd)pyrene	25.513	276	828	0.05	ng	# 92
37) Benzo(b)fluoranthene	22.710	252	1612	0.13	ng	# 44
39) Benzo(a)pyrene	23.258	252	958	0.08	ng	# 30
41) Benzo(g,h,i)perylene	26.177	276	1061	0.07	ng	# 70

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

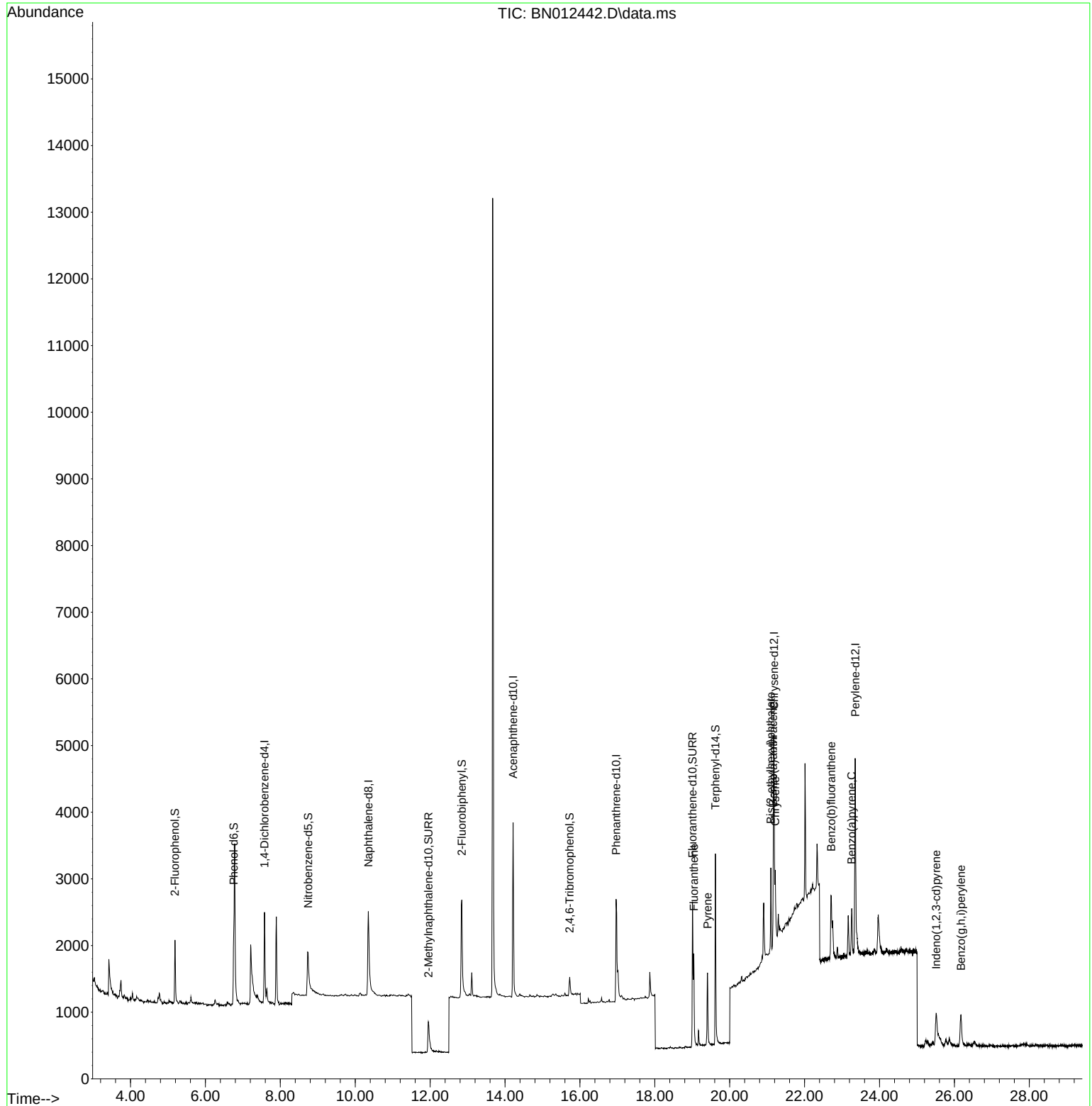
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012442.D
Acq On : 29 Oct 2020 17:33
Operator : CG/JU
Sample : L4560-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

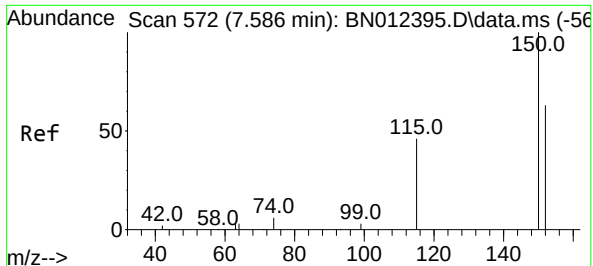
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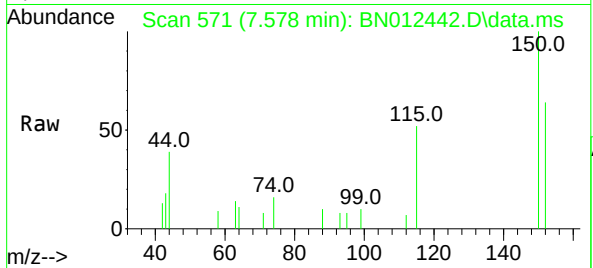
Quant Time: Oct 29 18:03:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.578 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

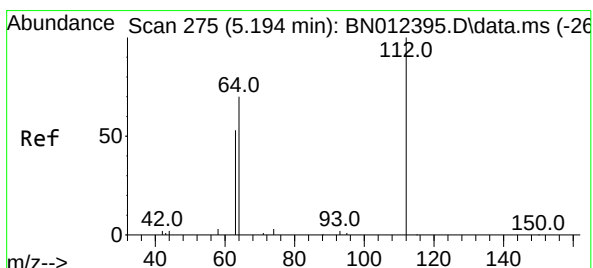
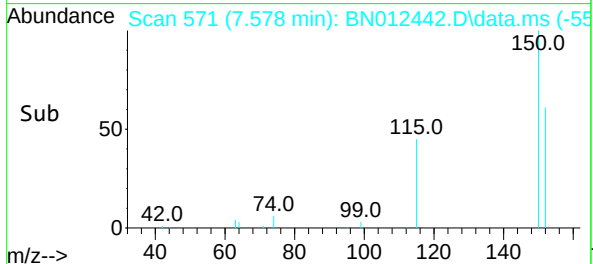
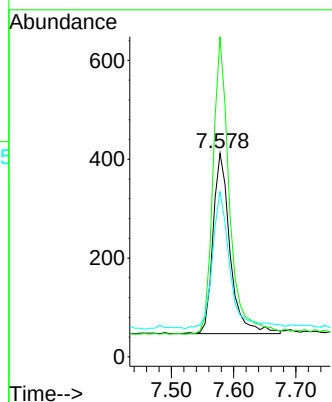
Instrument :
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Tgt Ion:152 Resp: 697
Ion Ratio Lower Upper
152 100
150 157.3 116.6 174.8
115 81.1 52.9 79.3#

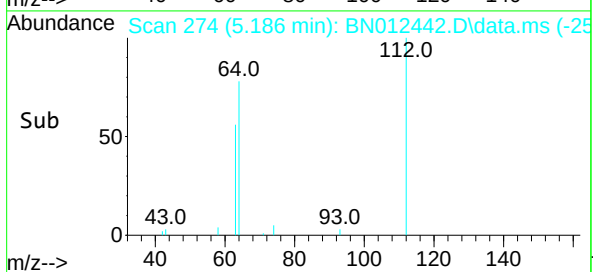
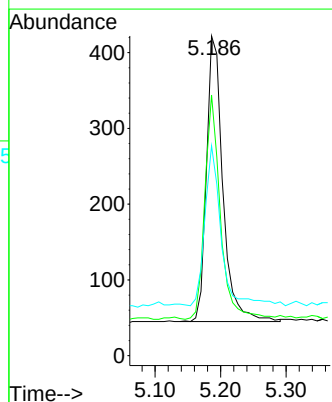
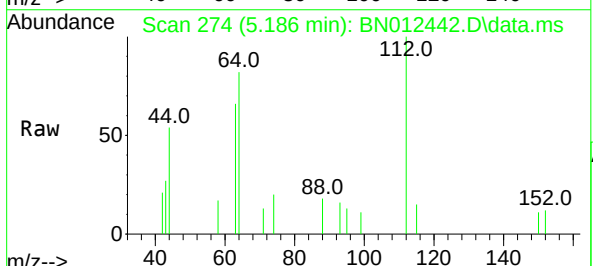
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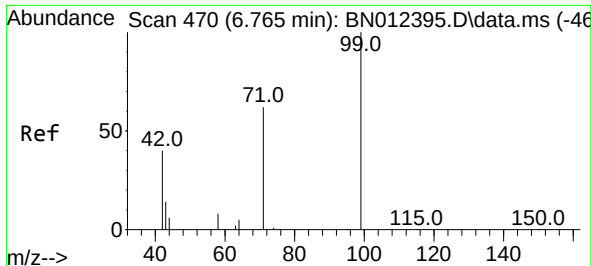
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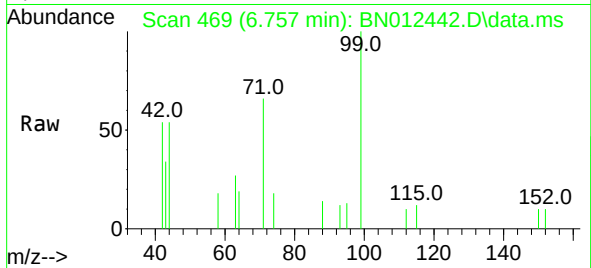
#4
2-Fluorophenol
Concen: 0.27 ng
RT: 5.186 min Scan# 274
Delta R.T. -0.008 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:112 Resp: 656
Ion Ratio Lower Upper
112 100
64 74.4 49.5 74.3#
63 55.8 32.0 48.0#

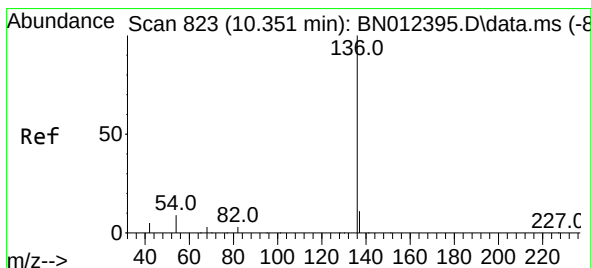
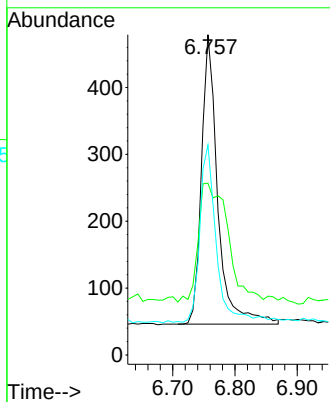
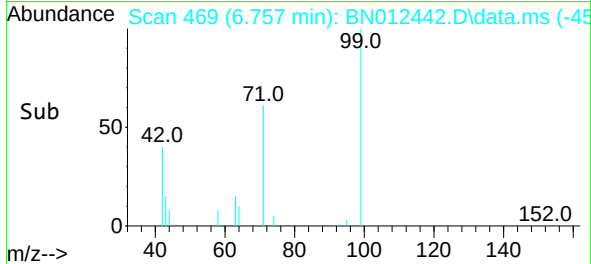




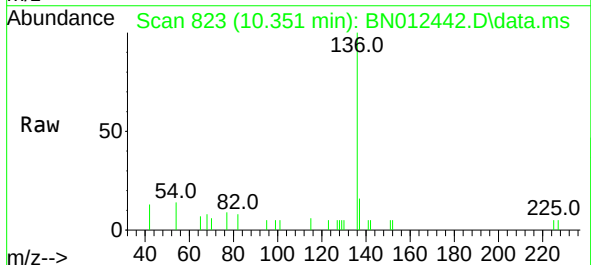
#5
Phenol-d6
Concen: 0.27 ng
RT: 6.757 min Scan# 469
Delta R.T. -0.008 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33



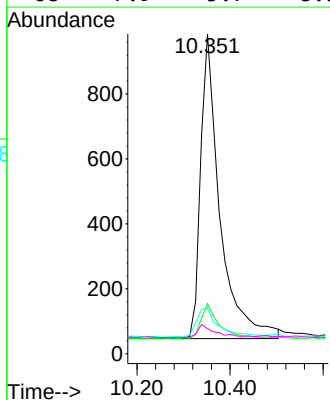
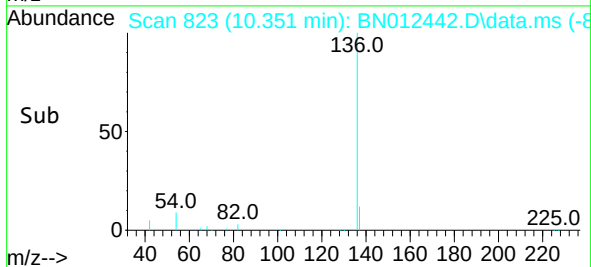
Tgt Ion:	99	Resp:	785
Ion	Ratio	Lower	Upper
99	100		
42	74.3	22.4	33.6#
71	62.9	37.8	56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.351 min Scan# 823
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33



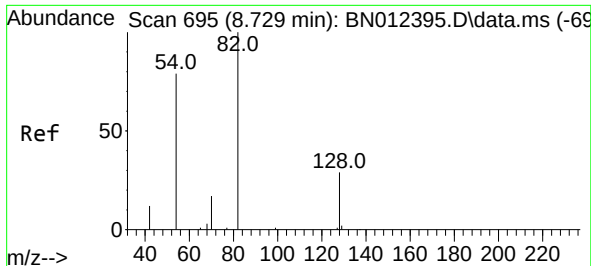
Tgt Ion:	136	Resp:	2701
Ion	Ratio	Lower	Upper
136	100		
137	15.7	10.6	15.8
54	14.3	8.6	12.8#
68	7.9	5.7	8.5



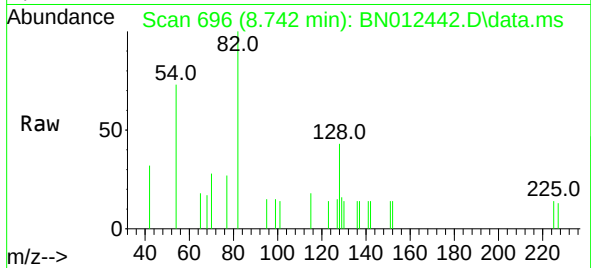
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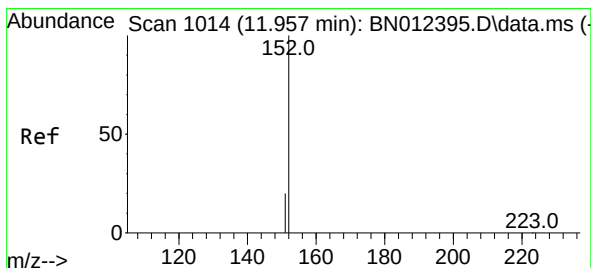
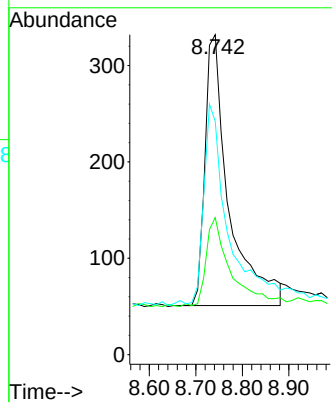
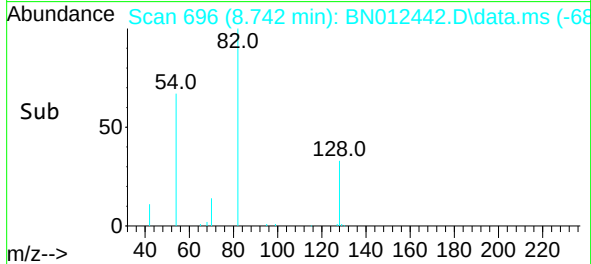
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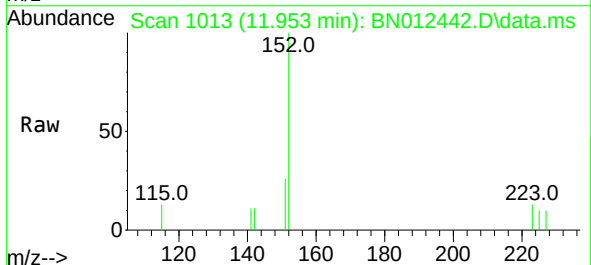
#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.742 min Scan# 696
Delta R.T. 0.013 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33



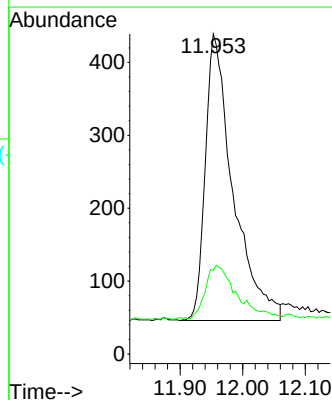
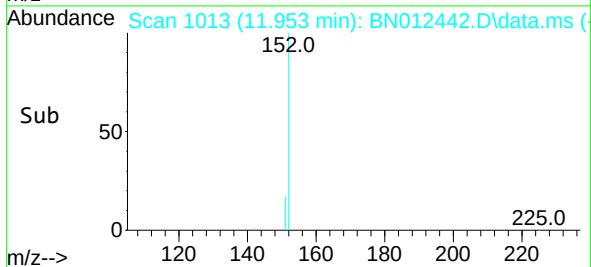
Tgt Ion: 82 Resp: 1008
Ion Ratio Lower Upper
82 100
128 42.8 30.6 46.0
54 72.9 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 11.953 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33



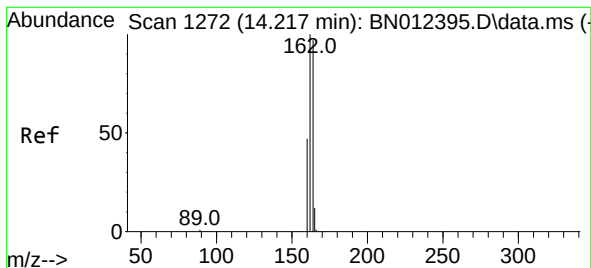
Tgt Ion: 152 Resp: 1209
Ion Ratio Lower Upper
152 100
151 21.3 16.7 25.1



Instrument :
BNA_N
ClientSampleId :
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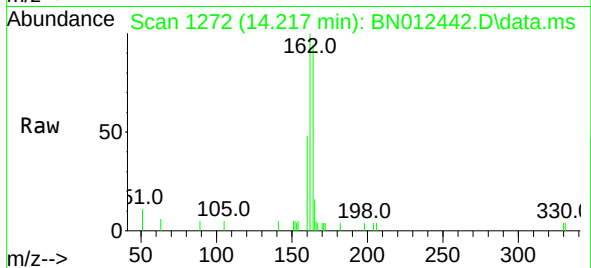
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#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

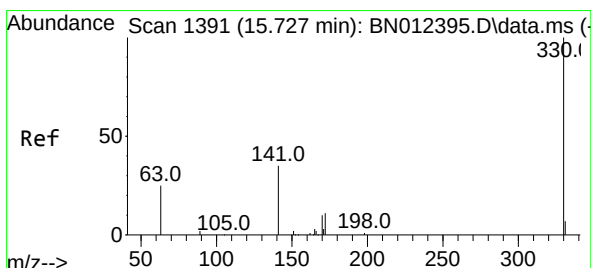
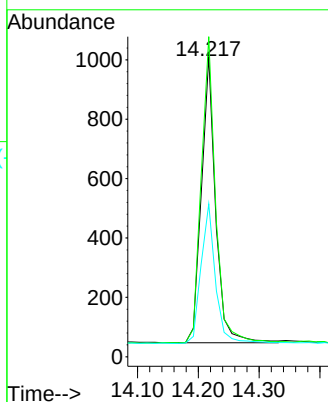
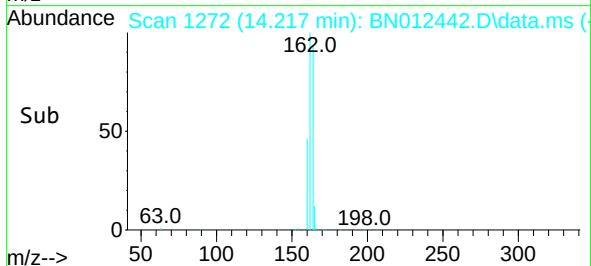
Instrument :
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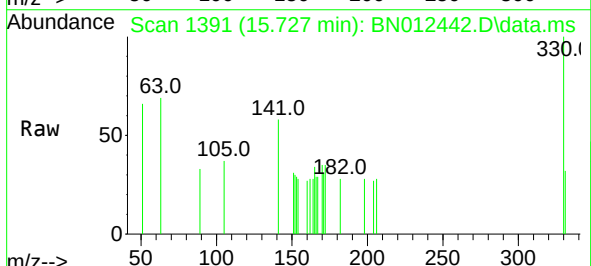
Tgt Ion:164 Resp: 1573
Ion Ratio Lower Upper
164 100
162 106.6 80.6 120.8
160 50.9 39.5 59.3

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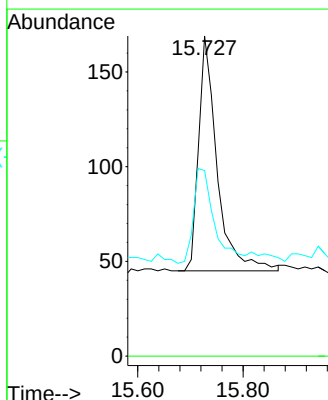
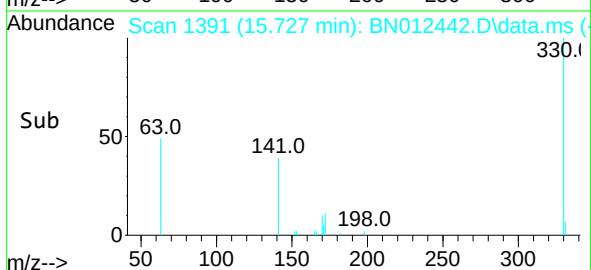
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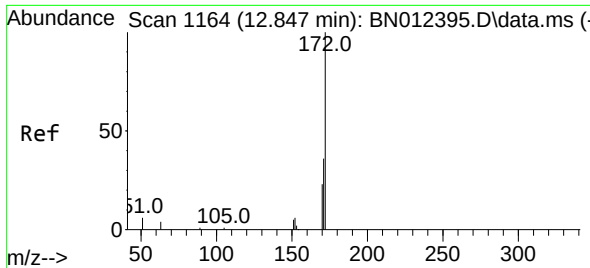


#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.727 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

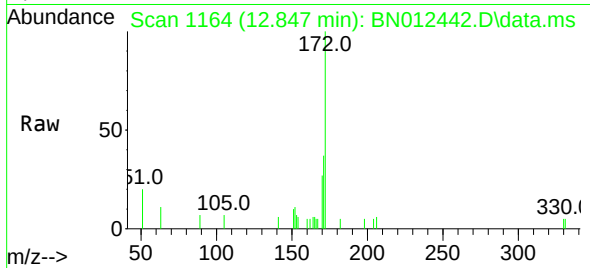


Tgt Ion:330 Resp: 303
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.5 34.4 51.6

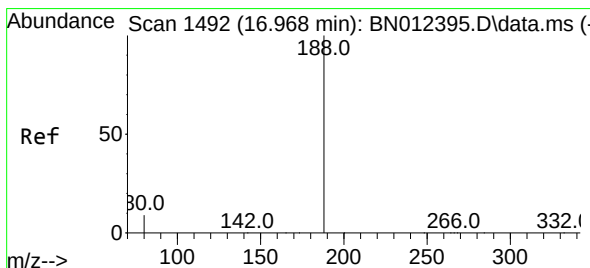
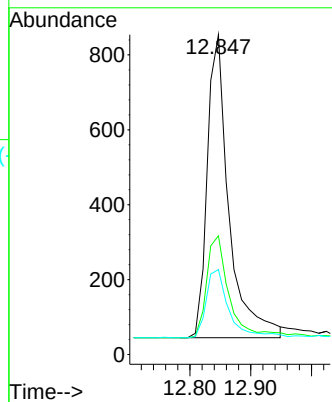
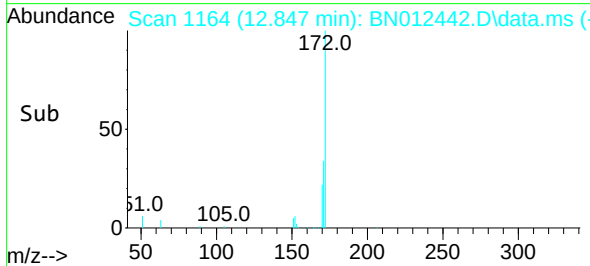




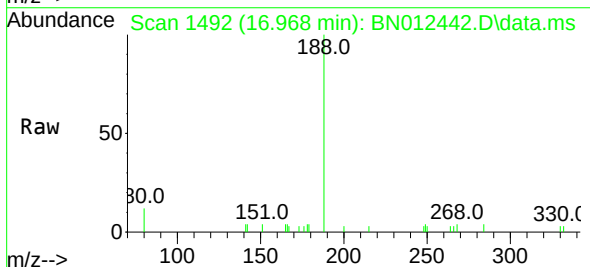
#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.847 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33



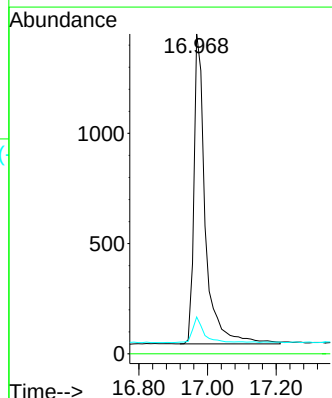
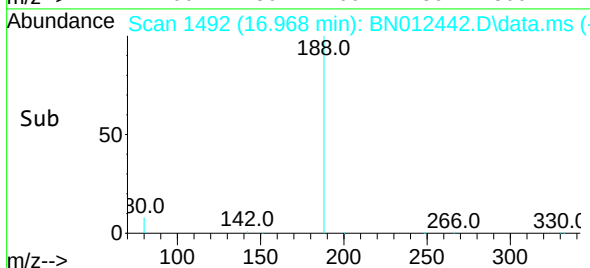
Tgt Ion:	172	Resp:	2006
Ion Ratio	Lower	Upper	
172	100		
171	37.1	28.2	42.4
170	26.6	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.968 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33



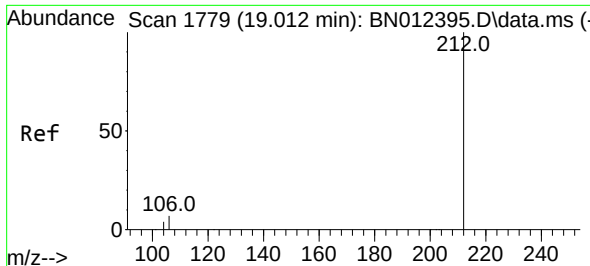
Tgt Ion:	188	Resp:	3261
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.5	5.0	7.4



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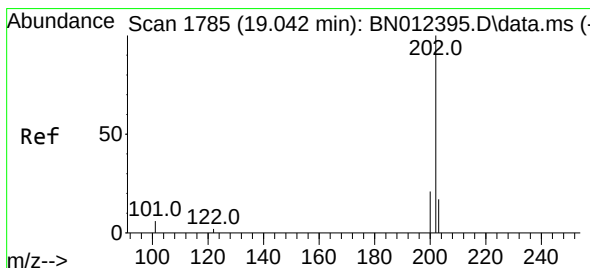
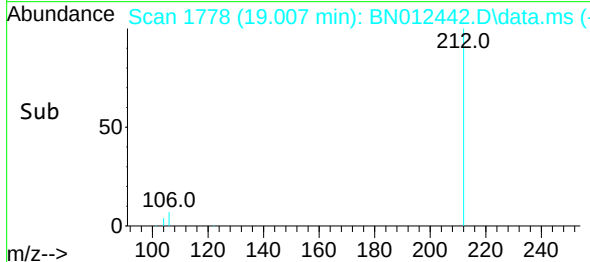
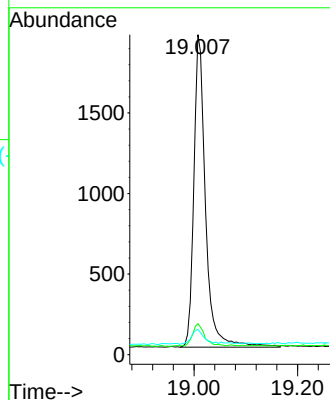
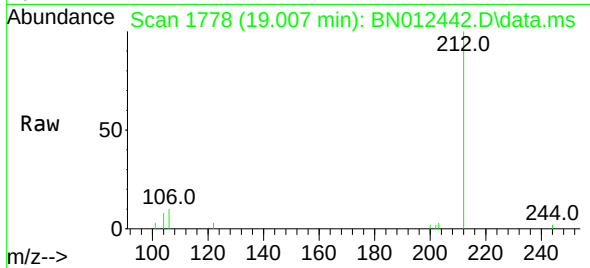
#27
Fluoranthene-d10
Concen: 0.30 ng
RT: 19.007 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:212 Resp: 3045
Ion Ratio Lower Upper
212 100
106 7.8 6.8 10.2
104 5.2 4.1 6.1

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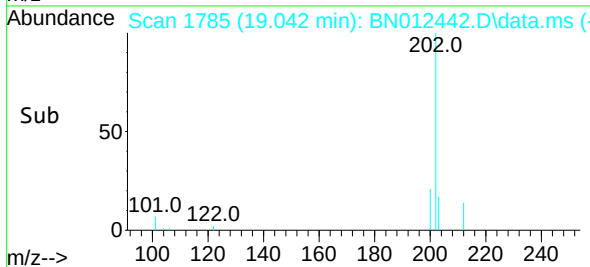
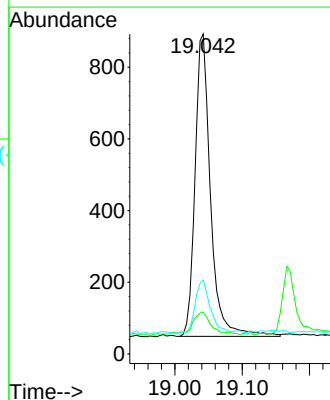
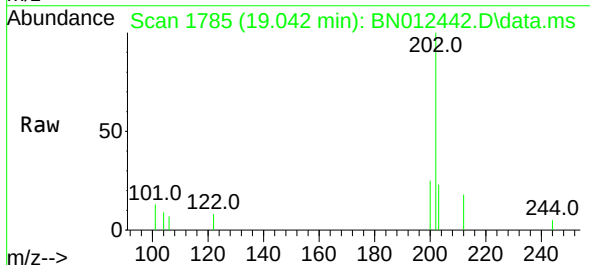
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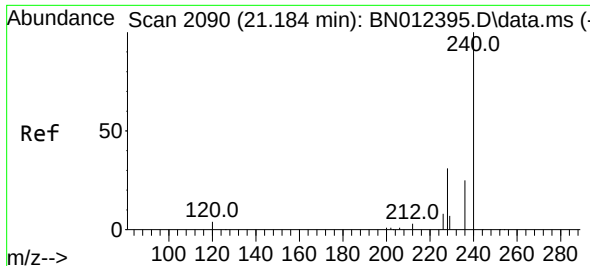
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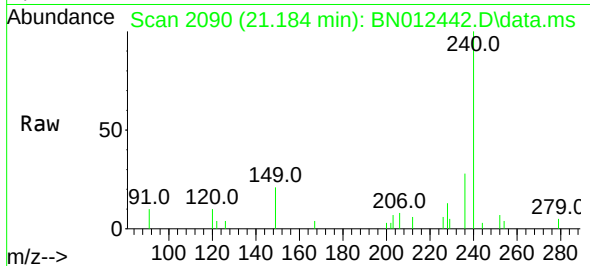
#28
Fluoranthene
Concen: 0.12 ng
RT: 19.042 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:202 Resp: 1349
Ion Ratio Lower Upper
202 100
101 10.2 5.8 8.6#
203 17.5 13.7 20.5

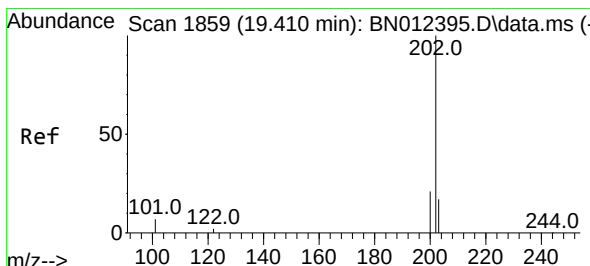
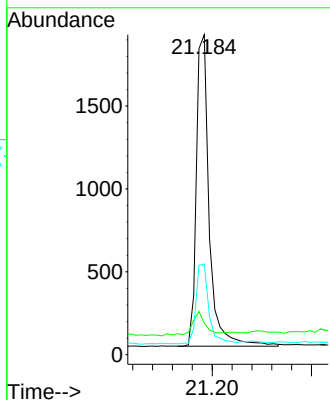
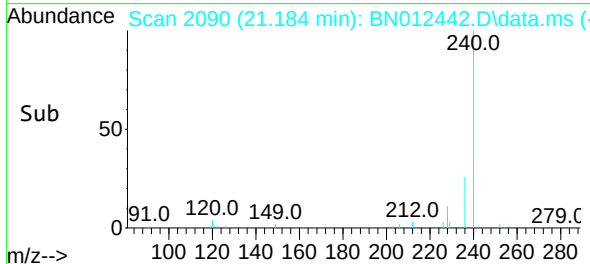




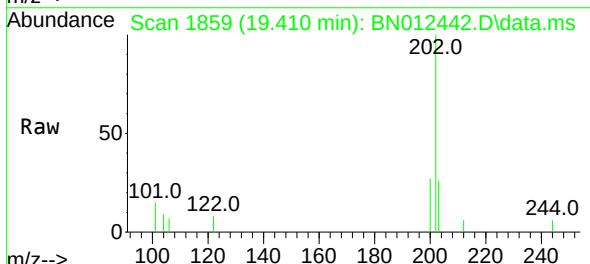
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.184 min Scan# 2090
Delta R.T. 0.011 min
Lab File: BN012442.D
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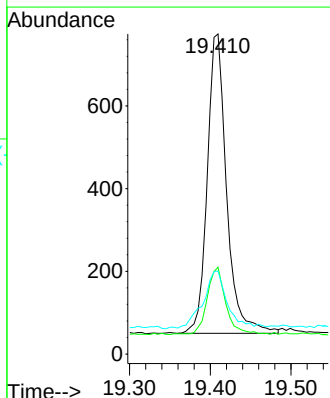
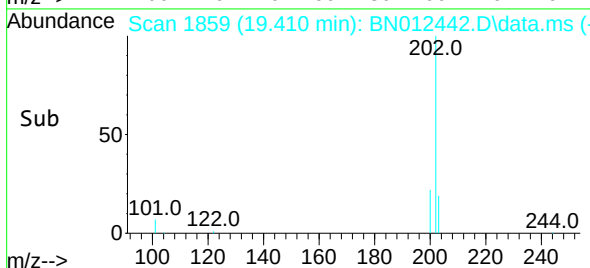
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Ion Ratio Lower Upper
240 100
120 9.8 5.3 7.9#
236 28.3 21.8 32.8



#30
Pyrene
Concen: 0.11 ng
RT: 19.410 min Scan# 1859
Delta R.T. -0.000 min
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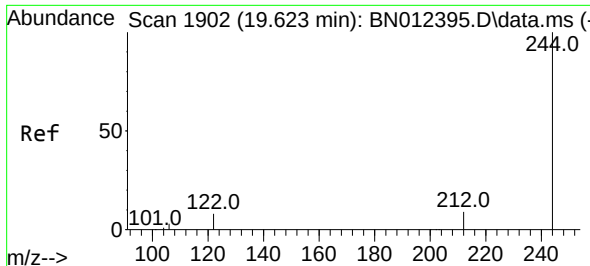
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Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 24.8 13.8 20.8#



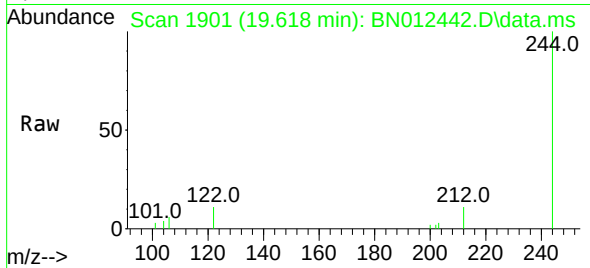
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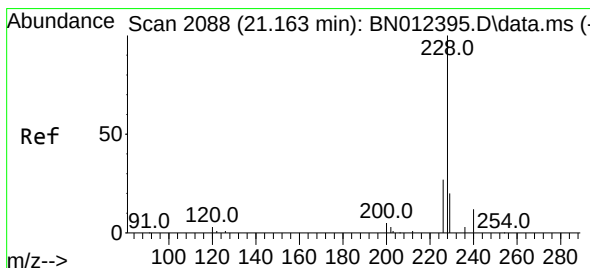
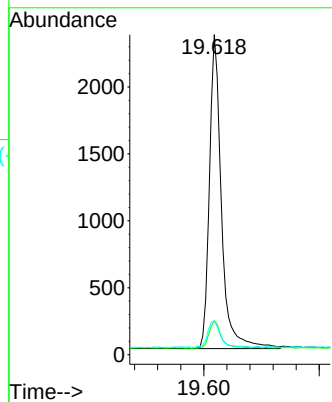
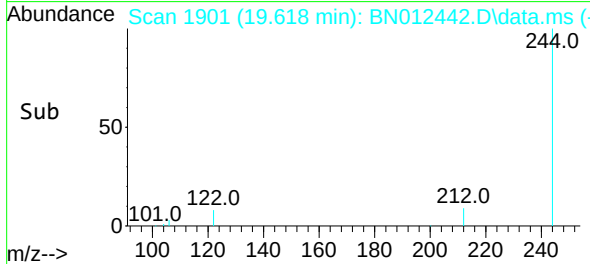
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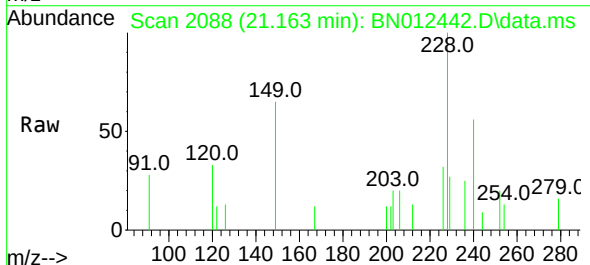
#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.618 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33



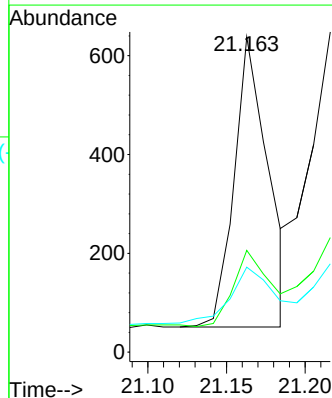
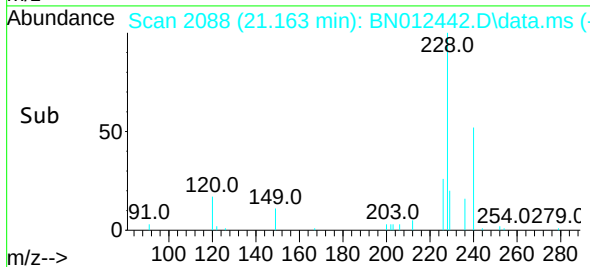
Tgt Ion:244 Resp: 3381
Ion Ratio Lower Upper
244 100
212 10.6 7.3 10.9
122 10.6 7.3 10.9



#32
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.163 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33



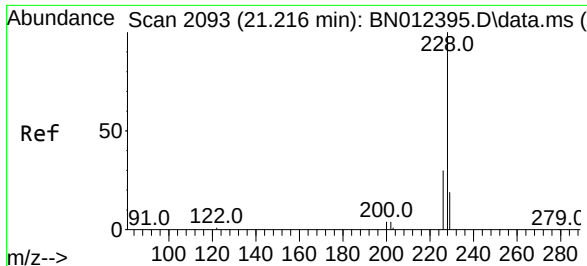
Tgt Ion:228 Resp: 885
Ion Ratio Lower Upper
228 100
226 32.3 22.3 33.5
229 27.0 15.7 23.5#



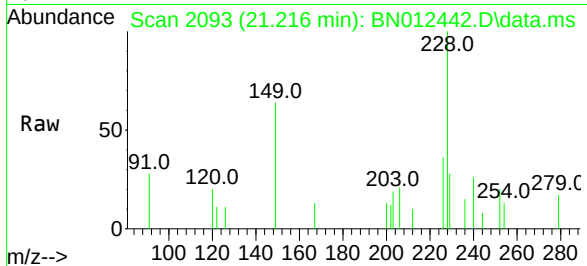
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0002

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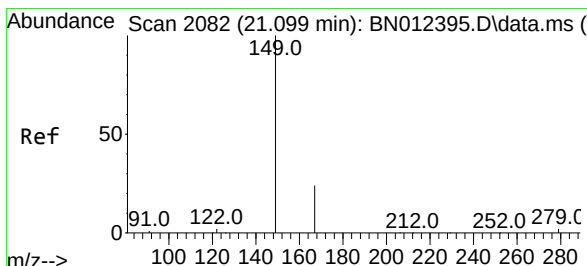
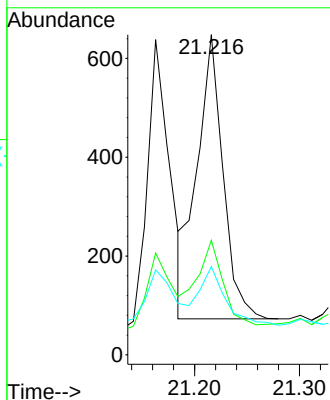
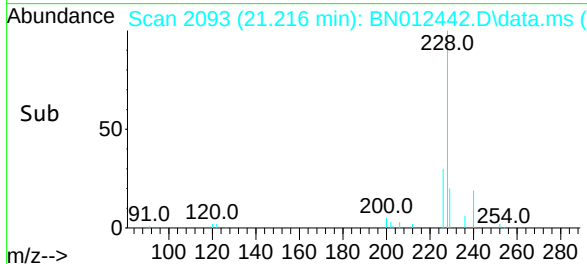
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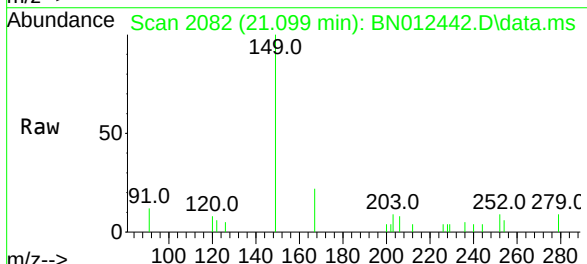
#33
Chrysene
Concen: 0.09 ng
RT: 21.216 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33



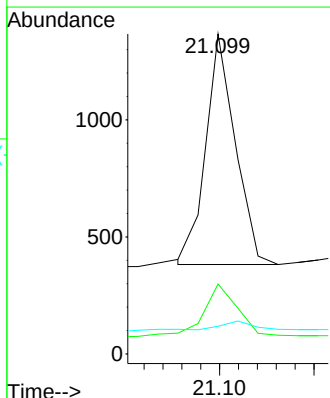
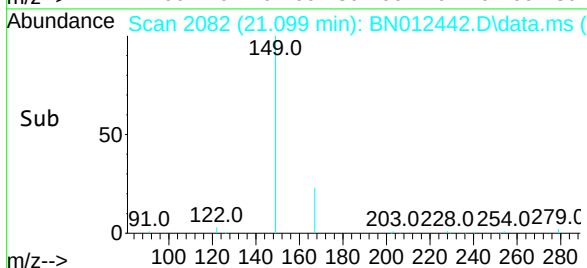
Tgt Ion:228 Resp: 990
Ion Ratio Lower Upper
228 100
226 35.8 24.2 36.2
229 27.6 15.7 23.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.099 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33



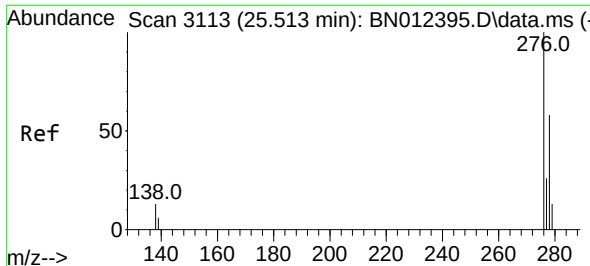
Tgt Ion:149 Resp: 1071
Ion Ratio Lower Upper
149 100
167 23.9 23.2 34.8
279 4.0 3.9 5.9



Instrument :
BNA_N
ClientSampleId :
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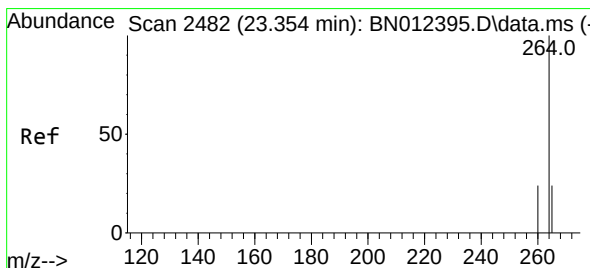
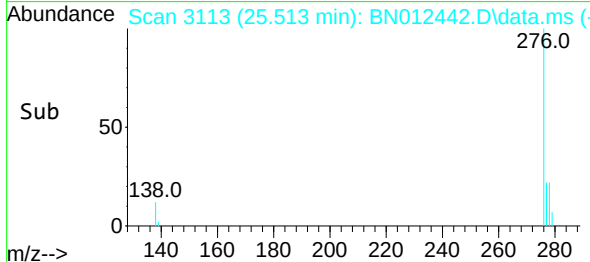
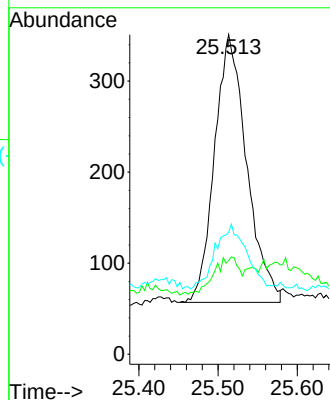
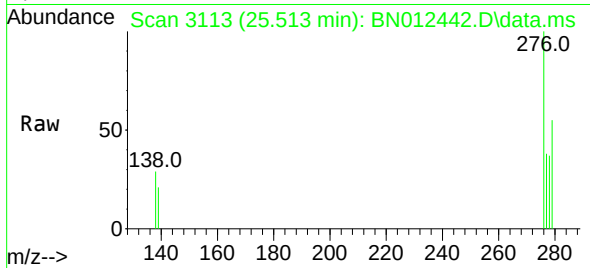
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 25.513 min Scan# 3113
Delta R.T. 0.003 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion: 276 Resp: 828
Ion Ratio Lower Upper
276 100
138 10.6 13.3 19.9#
277 23.2 20.2 30.4

Instrument :
BNA_N
ClientSampleId :
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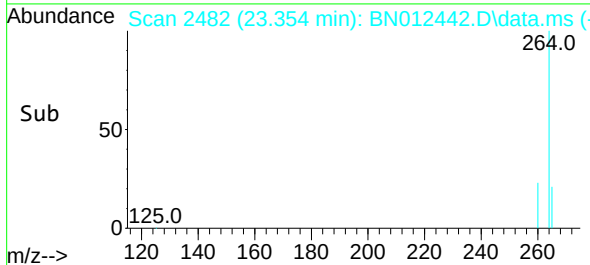
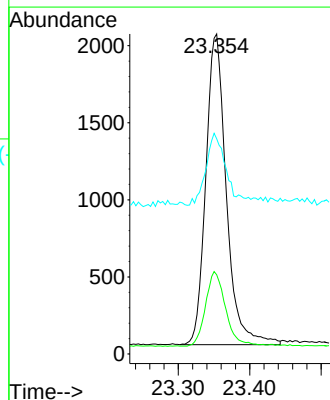
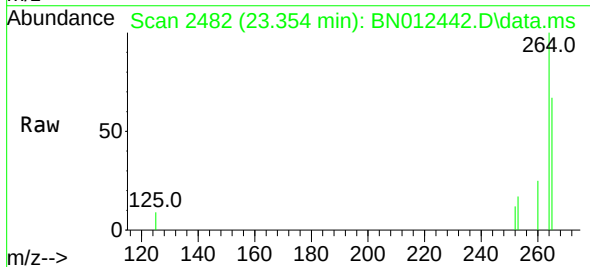
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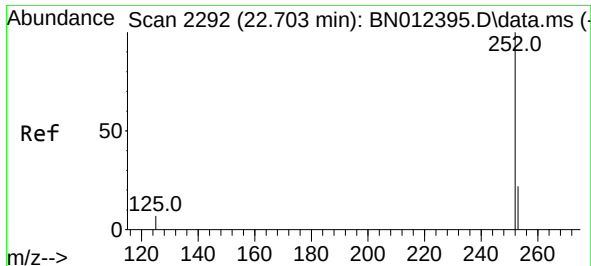
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#36
Perylene-d12
Concen: 0.40 ng
RT: 23.354 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion: 264 Resp: 4028
Ion Ratio Lower Upper
264 100
260 24.8 19.8 29.6
265 67.2 51.4 77.0





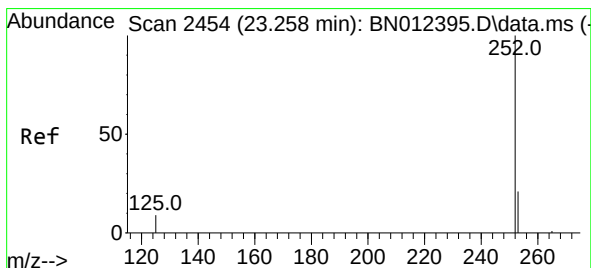
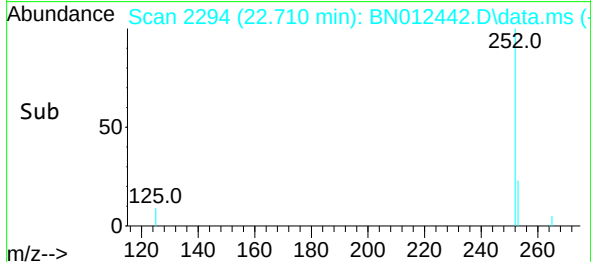
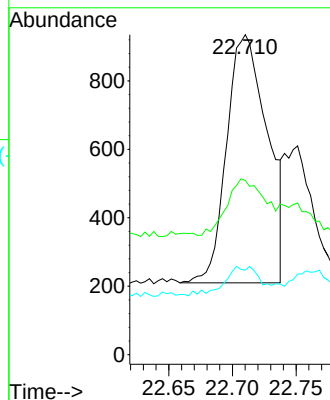
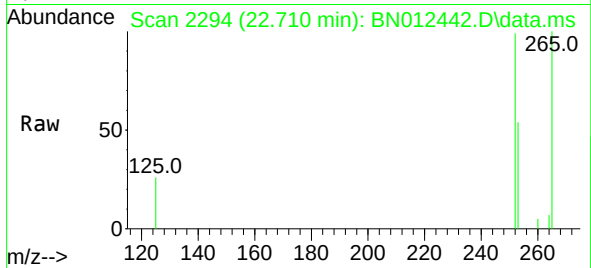
#37
Benzo(b)fluoranthene
Concen: 0.13 ng
RT: 22.710 min Scan# 2294
Delta R.T. 0.007 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:252 Resp: 1612
Ion Ratio Lower Upper
252 100
253 54.4 20.1 30.1#
125 26.4 7.2 10.8#

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0002

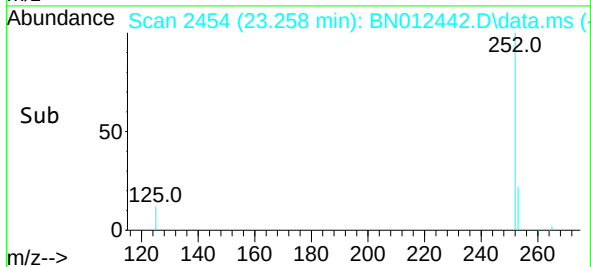
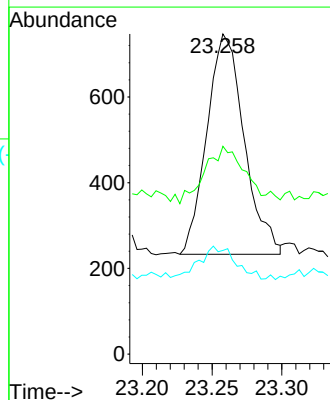
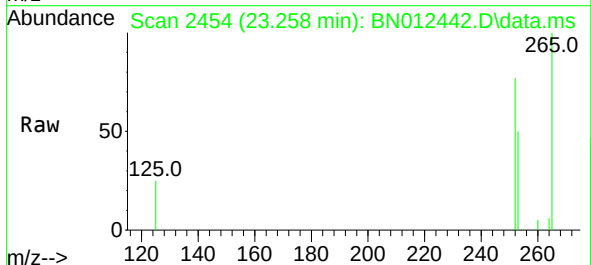
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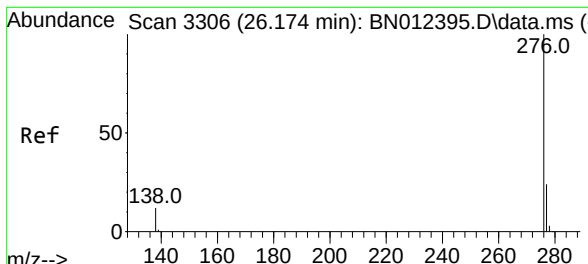
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#39
Benzo(a)pyrene
Concen: 0.08 ng
RT: 23.258 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:252 Resp: 958
Ion Ratio Lower Upper
252 100
253 64.9 21.3 31.9#
125 32.4 8.3 12.5#





#41
 Benzo(g,h,i)perylene
 Concen: 0.07 ng
 RT: 26.177 min Scan# 3307
 Delta R.T. 0.007 min
 Lab File: BN012442.D
 Acq: 29 Oct 2020 17:33

Tgt Ion:	276	Resp:	1061
Ion Ratio	Lower	Upper	
276	100		
277	39.2	19.8	29.8#
138	27.3	11.7	17.5#

Instrument :
 BNA_N
 ClientSampleId :
 B308-B309-LOC1-SO-0002

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