

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016441.D
 Acq On : 24 Sep 2021 16:45
 Operator : CG/JU
 Sample : M3911-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(0.5)

Manual Integrations
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Quant Time: Sep 24 17:55:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	23651	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	104416	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	58058	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	112185	0.40	ng	# 0.00
29) Chrysene-d12	21.259	240	109470	0.40	ng	# 0.01
35) Perylene-d12	23.519	264	101310	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	7136	0.13	ng	0.02
5) Phenol-d6	6.849	99	4909	0.08	ng	0.00
8) Nitrobenzene-d5	8.810	82	18797	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	47373	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	6471	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	60254	0.25	ng	0.00
27) Fluoranthene-d10	19.088	212	131354	0.43	ng	0.00
31) Terphenyl-d14	19.698	244	108570	0.43	ng	0.00
Target Compounds						
9) Naphthalene	10.483	128	15777	0.06	ng	Qvalue # 95
17) Acenaphthene	14.357	154	29260	0.17	ng	96
18) Fluorene	15.347	166	61540	0.31	ng	97
23) Atrazine	16.531	200	849	0.15	ng	# 71
24) Pentachlorophenol	16.701	266	850	0.27	ng	87
25) Phenanthrene	17.090	178	42869m	0.13	ng	
26) Anthracene	17.176	178	49284	0.18	ng	99
34) Bis(2-ethylhexyl)phtha...	21.195	149	80288	0.93	ng	98

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

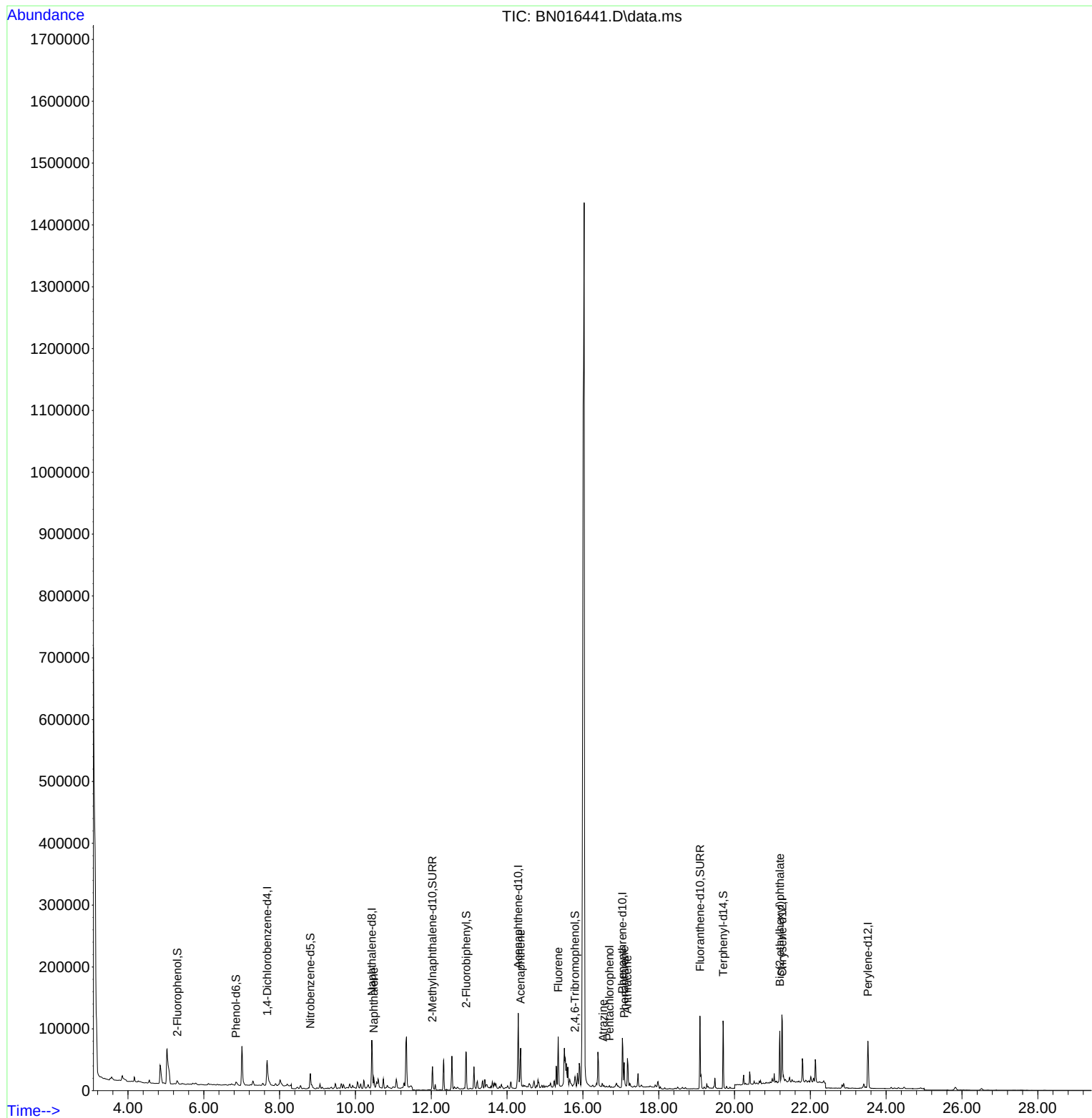
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Data File : BN016441.D
Acq On : 24 Sep 2021 16:45
Operator : CG/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

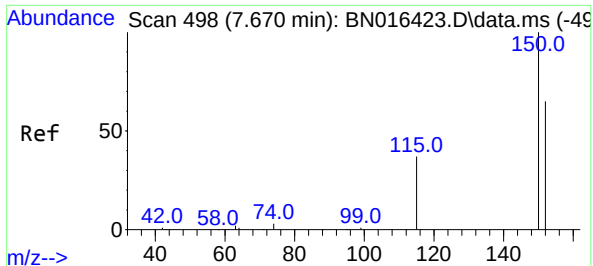
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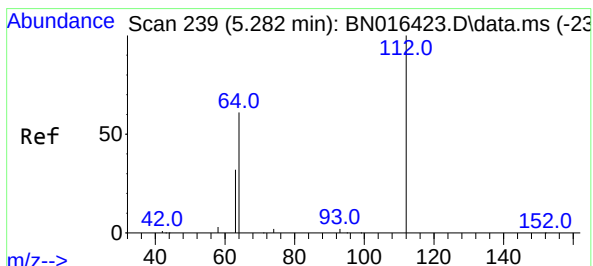
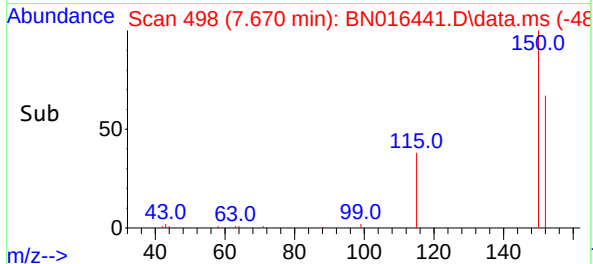
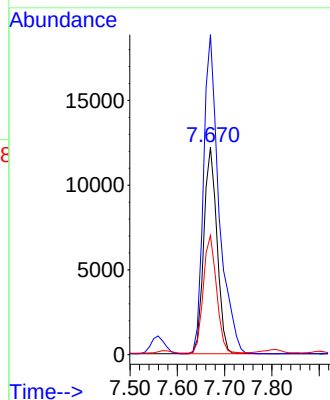
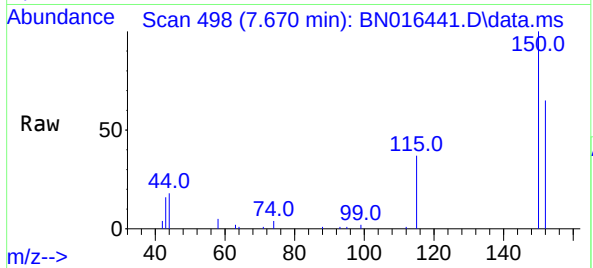
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

Tgt Ion:	152	Resp:	23651
Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.6	188.4
115	57.5	50.2	75.2

Instrument :
BNA_N
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SW-CB-04-(0.5)

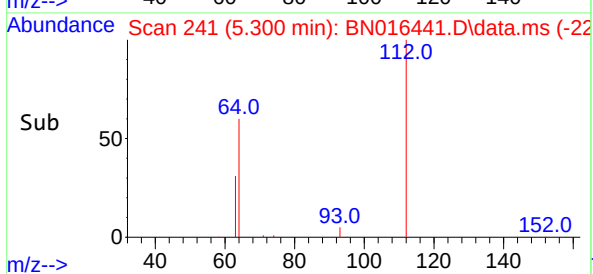
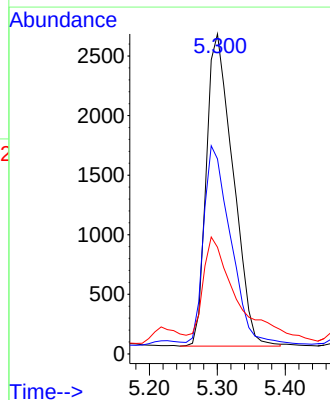
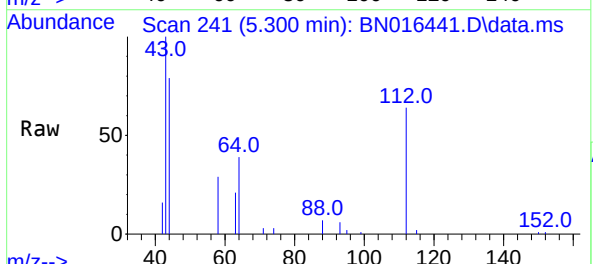
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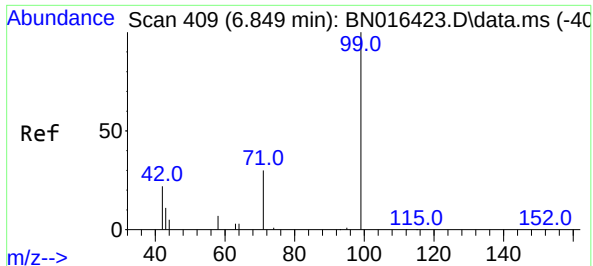
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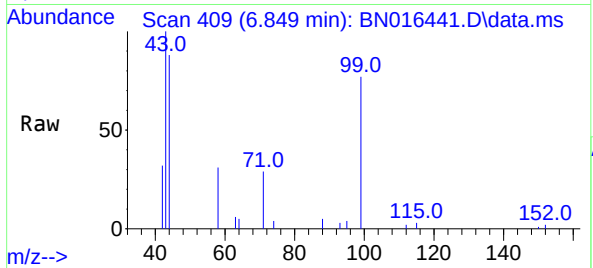
#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

Tgt Ion:	112	Resp:	7136
Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.3	70.9
63	35.1	23.4	35.0

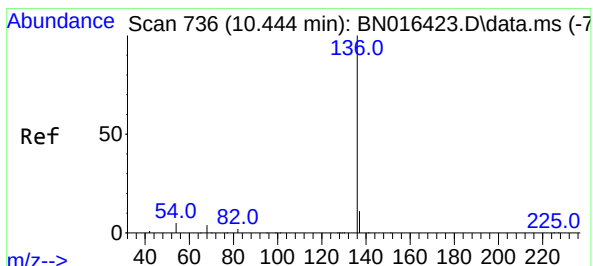
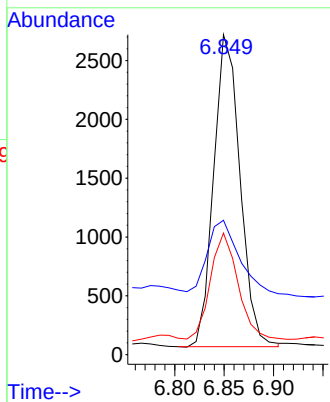
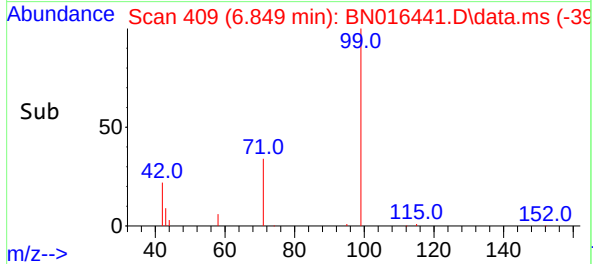




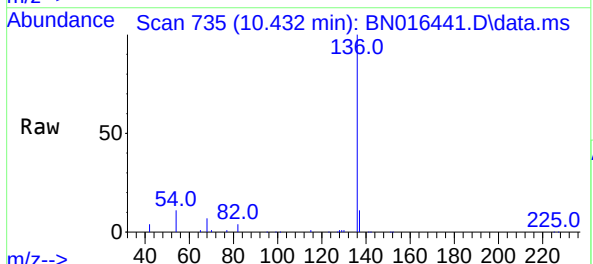
#5
Phenol-d6
Concen: 0.08 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45



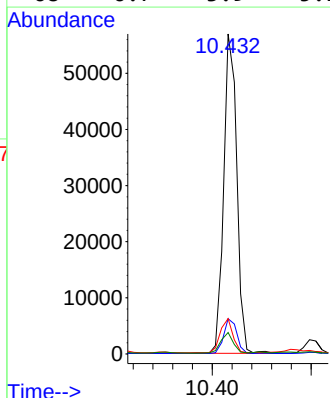
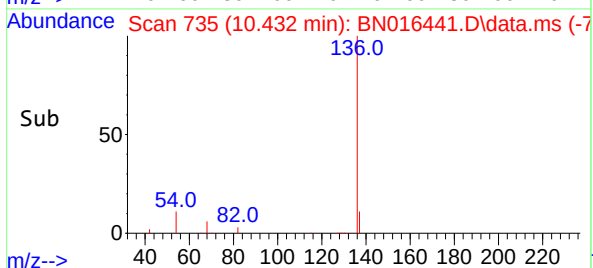
Tgt Ion: 99 Resp: 4909
Ion Ratio Lower Upper
99 100
42 28.5 14.0 21.0#
71 35.5 23.8 35.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45



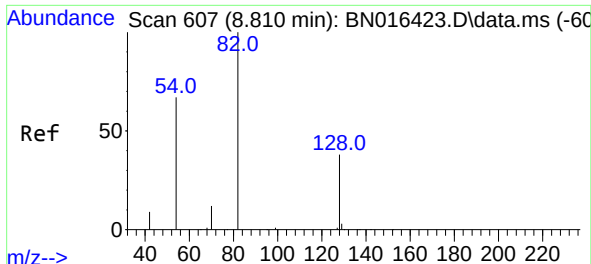
Tgt Ion: 136 Resp: 104416
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.1 5.3 7.9#
68 6.7 3.9 5.9#



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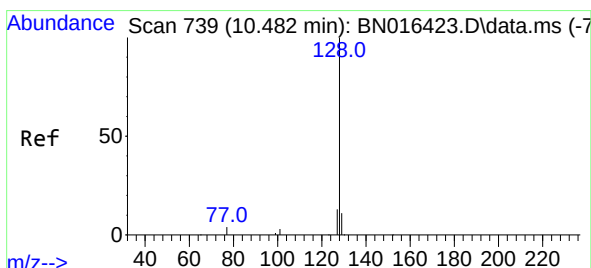
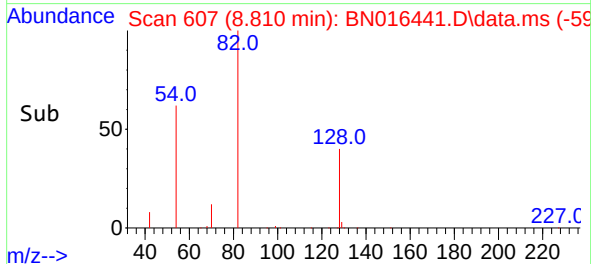
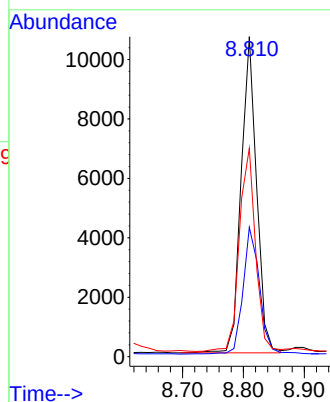
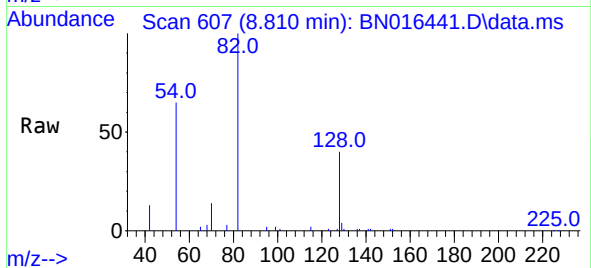
#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

Tgt Ion:	82	Resp:	18797
Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.7	47.5
54	65.2	46.4	69.6

Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(0.5)

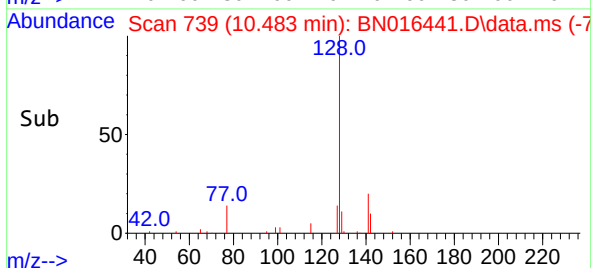
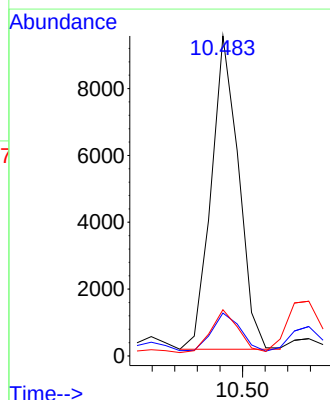
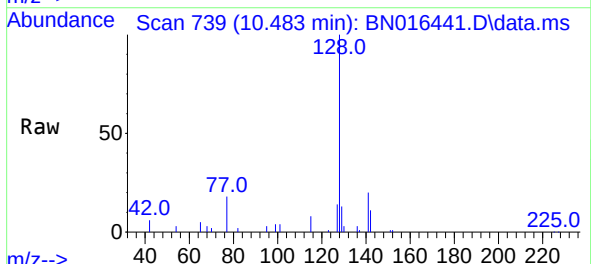
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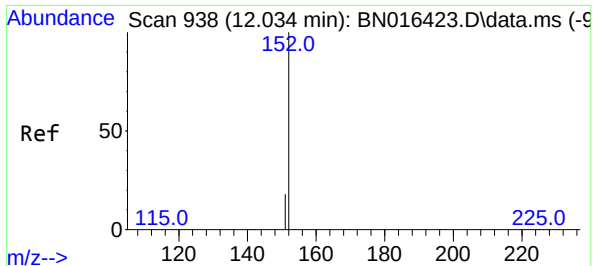
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#9
Naphthalene
Concen: 0.06 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

Tgt Ion:	128	Resp:	15777
Ion	Ratio	Lower	Upper
128	100		
129	13.4	8.9	13.3#
127	14.5	10.1	15.1





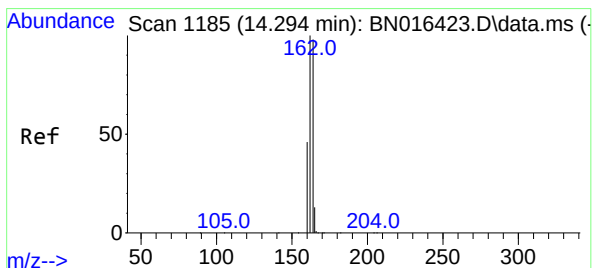
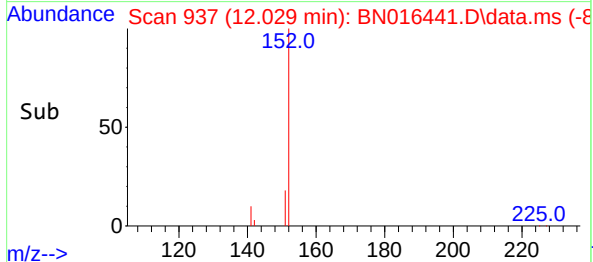
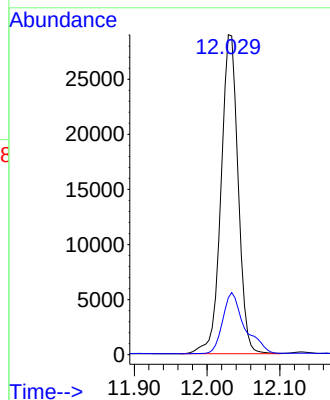
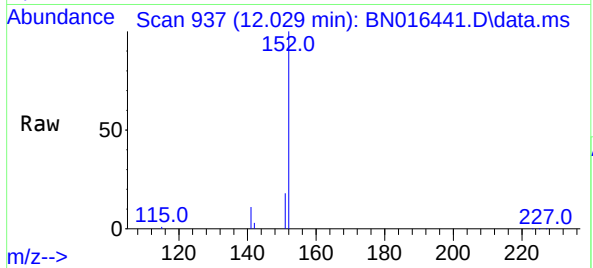
#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

Tgt Ion:152 Resp: 47373
Ion Ratio Lower Upper
152 100
151 24.7 16.1 24.1#

Instrument :
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SW-CB-04-(0.5)

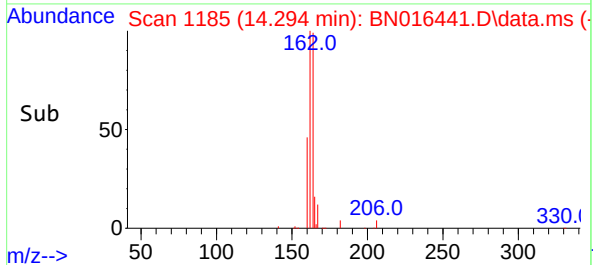
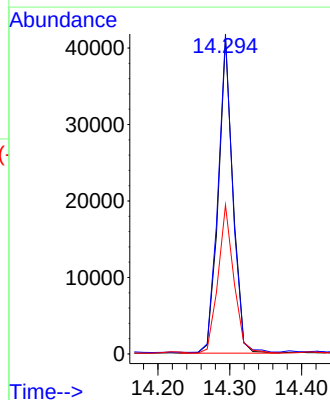
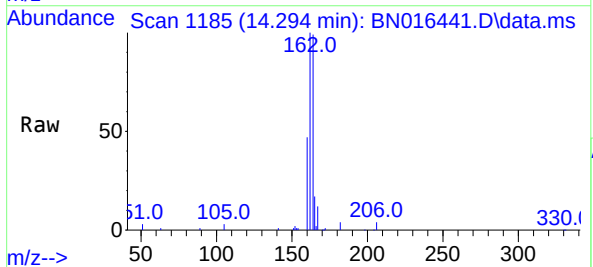
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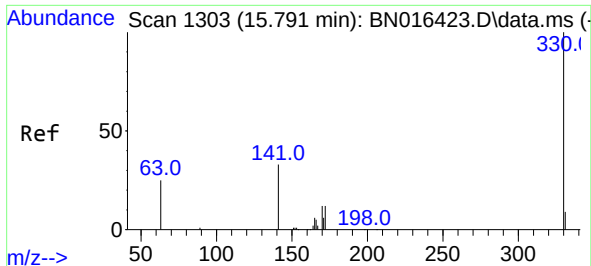
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#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

Tgt Ion:164 Resp: 58058
Ion Ratio Lower Upper
164 100
162 101.3 79.0 118.4
160 47.2 34.1 51.1





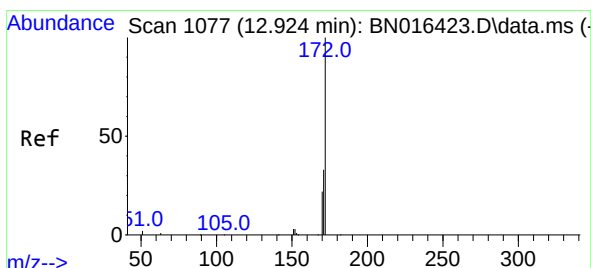
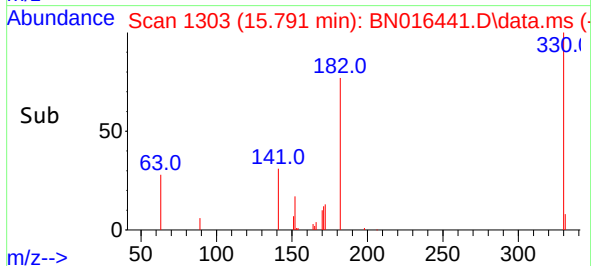
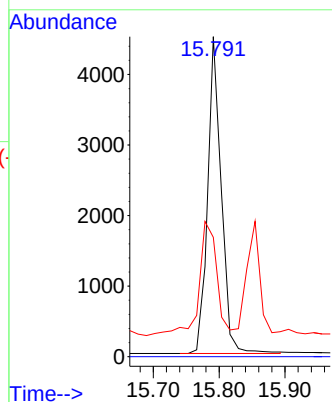
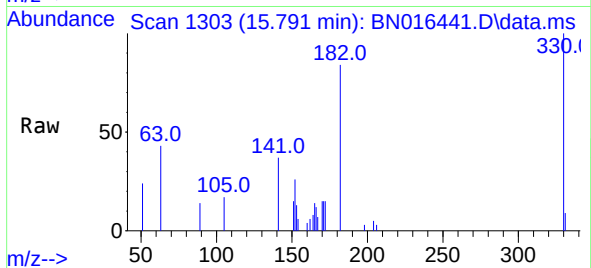
#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

Tgt Ion: 330 Resp: 6471
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.6 25.0 37.4#

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SW-CB-04-(0.5)

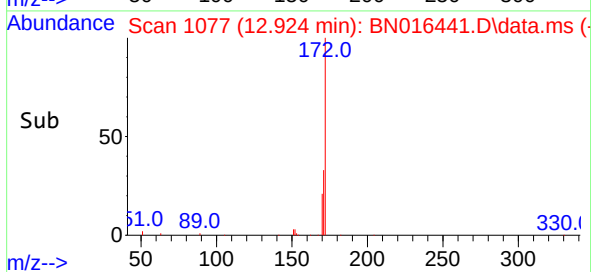
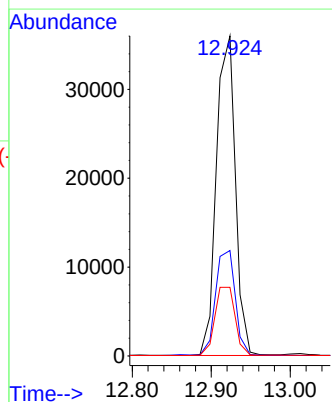
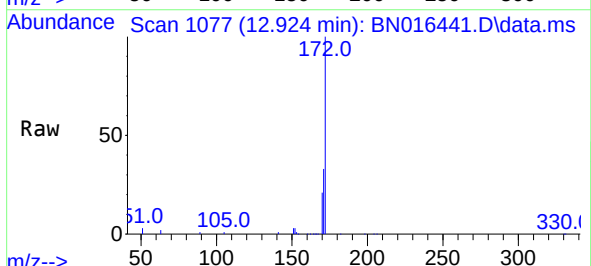
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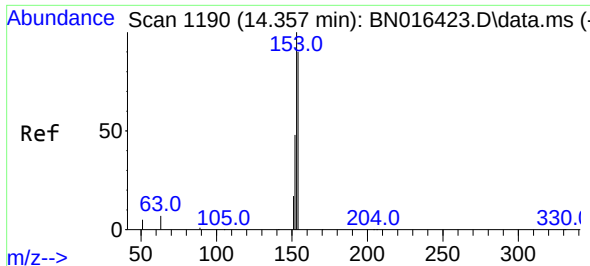
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#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

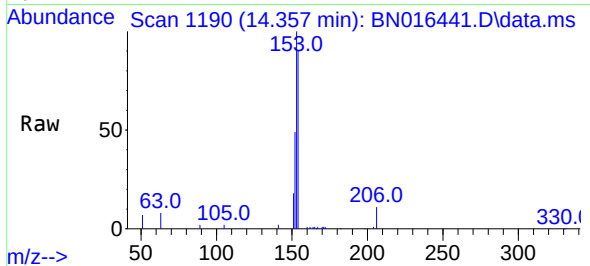
Tgt Ion: 172 Resp: 60254
Ion Ratio Lower Upper
172 100
171 32.9 27.8 41.6
170 21.4 18.2 27.2





#17
Acenaphthene
Concen: 0.17 ng
RT: 14.357 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

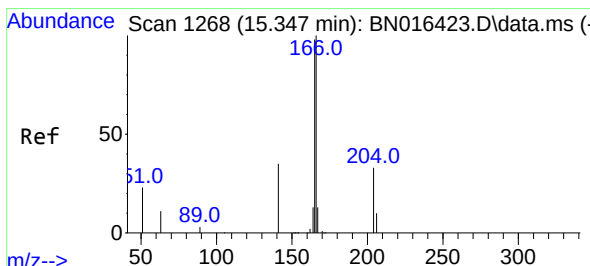
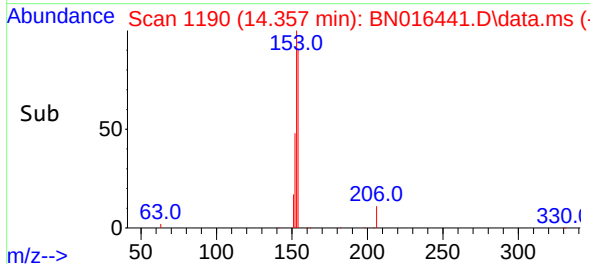
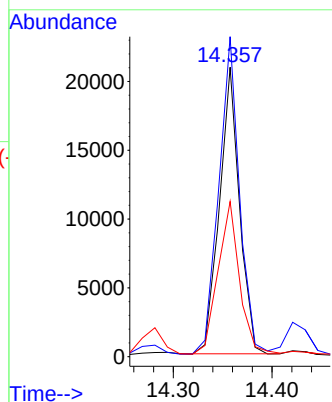
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(0.5)



Tgt Ion:154 Resp: 29260
Ion Ratio Lower Upper
154 100
153 114.4 89.3 133.9
152 58.6 42.2 63.4

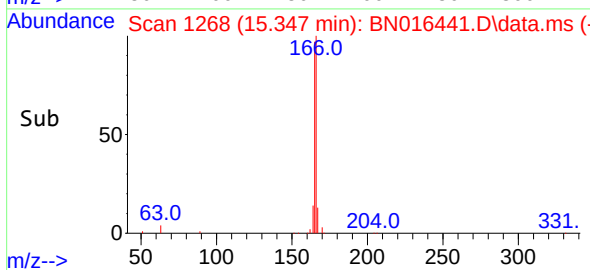
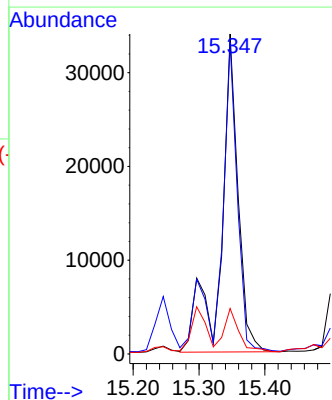
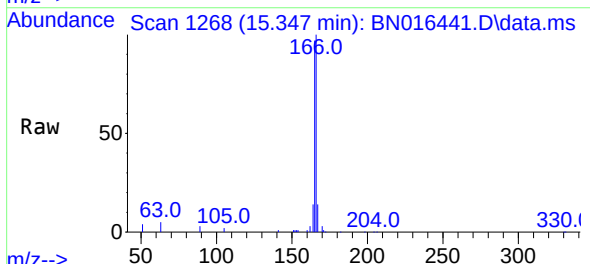
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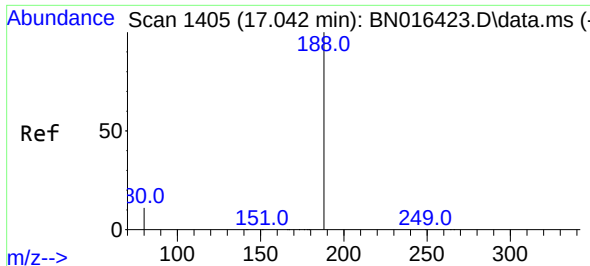
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#18
Fluorene
Concen: 0.31 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

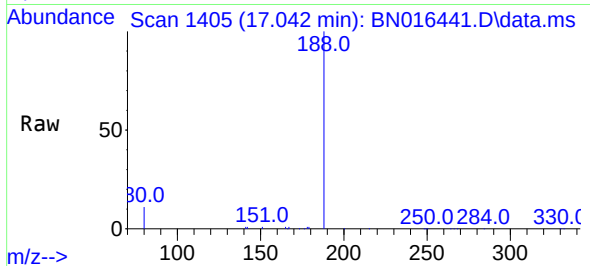
Tgt Ion:166 Resp: 61540
Ion Ratio Lower Upper
166 100
165 93.7 76.7 115.1
167 11.8 10.9 16.3





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

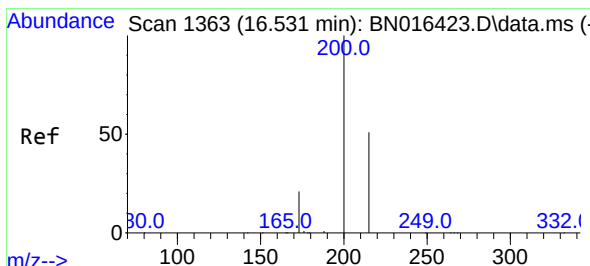
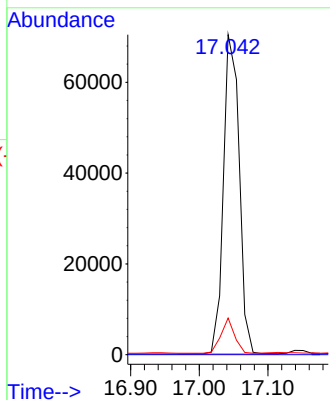
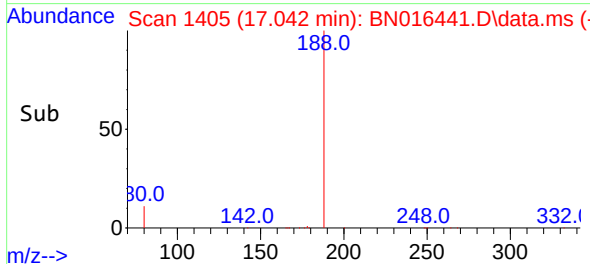
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(0.5)



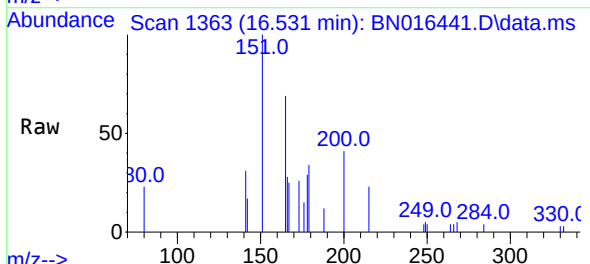
Tgt Ion:188 Resp: 112185
Ion Ratio Lower Upper
188 100
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80 11.5 7.0 10.6#

Manual Integrations
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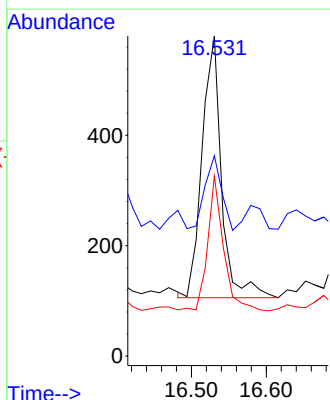
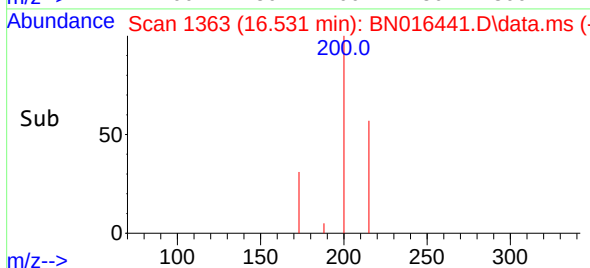
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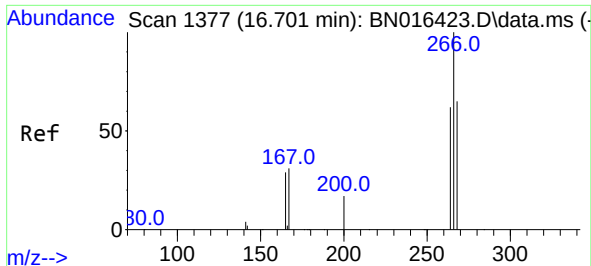


#23
Atrazine
Concen: 0.15 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45



Tgt Ion:200 Resp: 849
Ion Ratio Lower Upper
200 100
173 62.6 18.7 28.1#
215 56.2 41.6 62.4





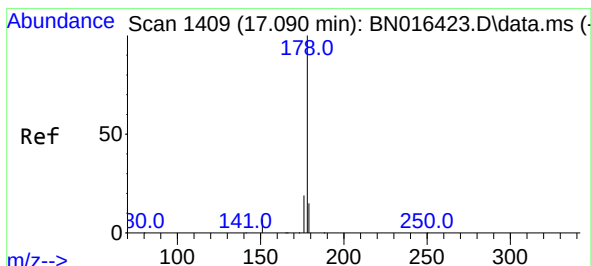
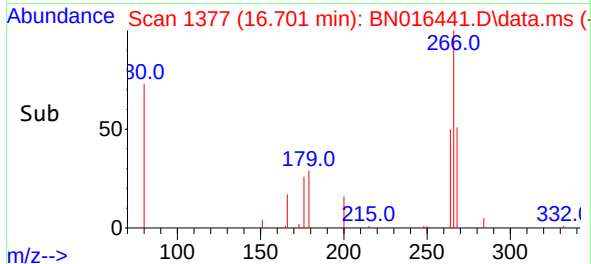
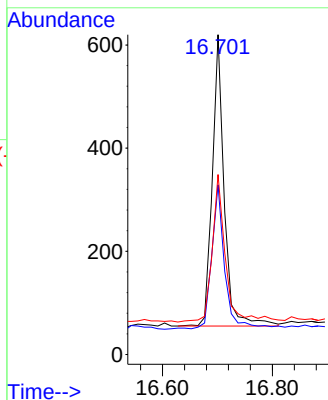
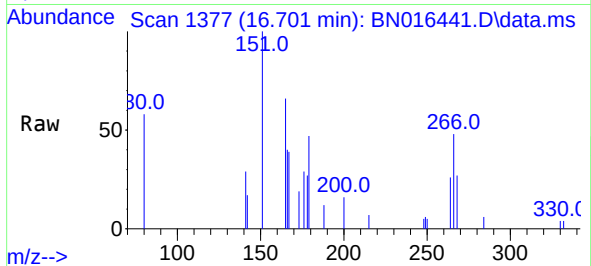
#24
Pentachlorophenol
Concen: 0.27 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

Tgt Ion:	266	Resp:	850
Ion Ratio	Lower	Upper	
266	100		
264	52.0	50.6	75.8
268	56.4	52.6	79.0

Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(0.5)

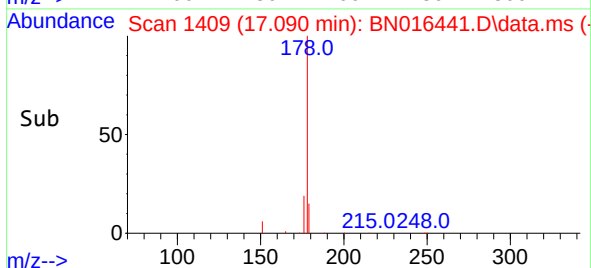
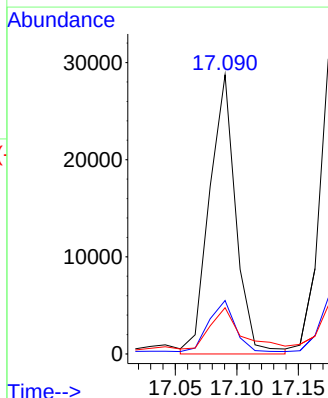
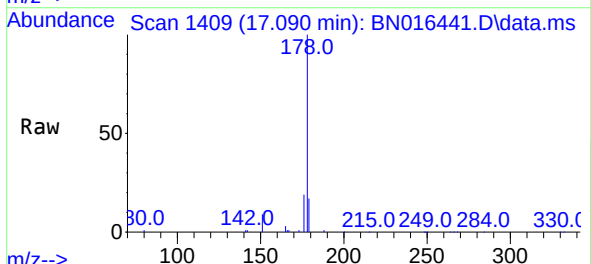
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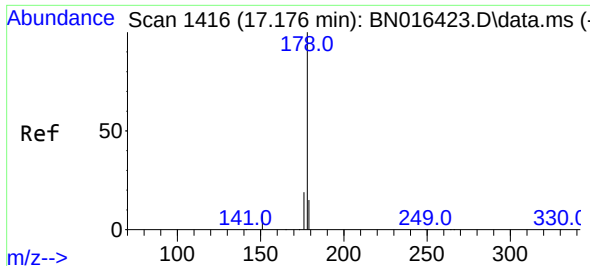
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#25
Phenanthrene
Concen: 0.13 ng m
RT: 17.090 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

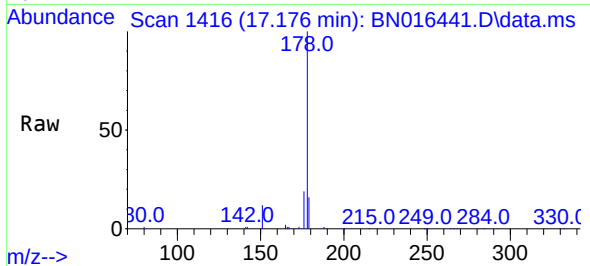
Tgt Ion:	178	Resp:	42869
Ion Ratio	Lower	Upper	
178	100		
176	20.8	14.4	21.6
179	17.8	12.2	18.4





#26
 Anthracene
 Concen: 0.18 ng
 RT: 17.176 min Scan# 1416
 Delta R.T. 0.000 min
 Lab File: BN016441.D
 Acq: 24 Sep 2021 16:45

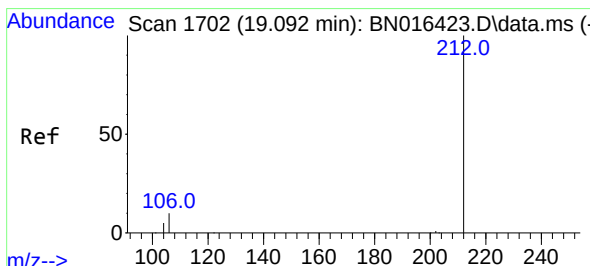
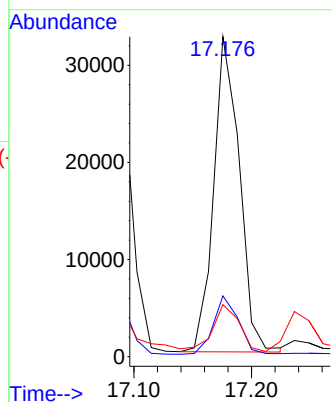
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(0.5)



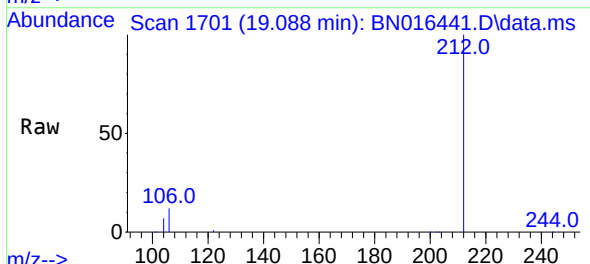
Tgt Ion:	178	Resp:	49284
Ion Ratio	100	Lower	Upper
178	100		
176	18.1	13.9	20.9
179	15.3	12.2	18.4

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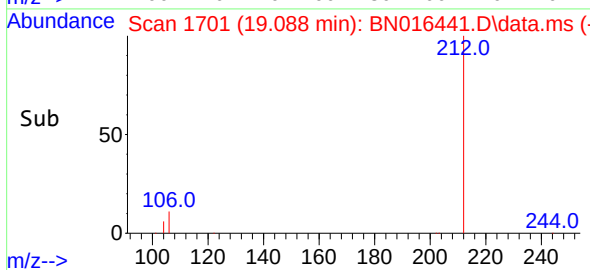
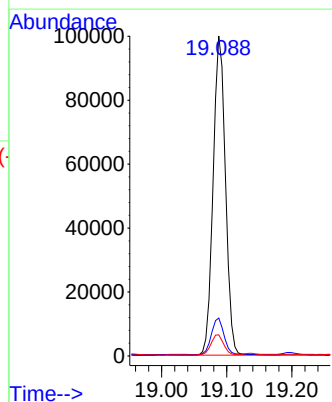
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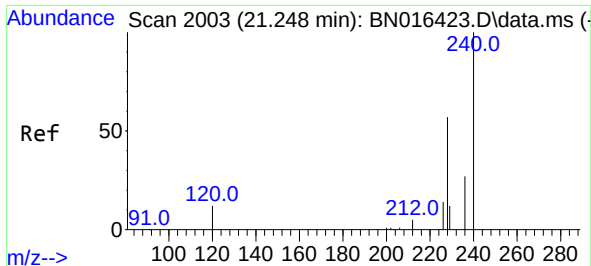


#27
 Fluoranthene-d10
 Concen: 0.43 ng
 RT: 19.088 min Scan# 1701
 Delta R.T. -0.005 min
 Lab File: BN016441.D
 Acq: 24 Sep 2021 16:45



Tgt Ion:	212	Resp:	131354
Ion Ratio	100	Lower	Upper
212	100		
106	11.5	9.8	14.6
104	6.4	5.4	8.2





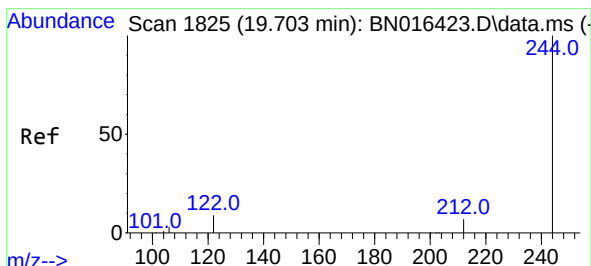
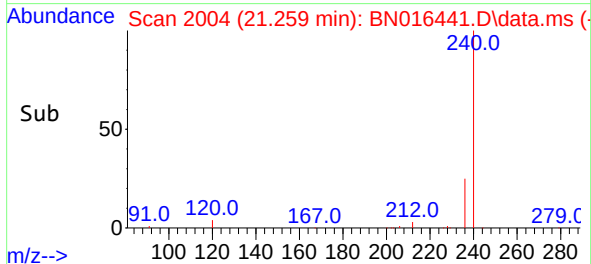
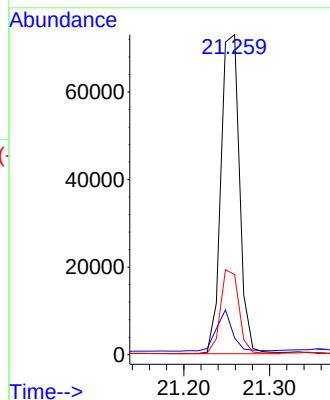
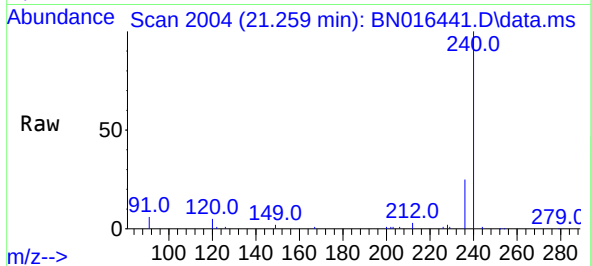
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.011 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

Tgt Ion:240 Resp: 109470
Ion Ratio Lower Upper
240 100
120 5.3 5.3 7.9#
236 25.1 19.8 29.8

Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(0.5)

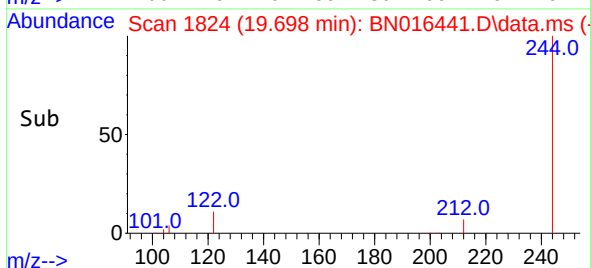
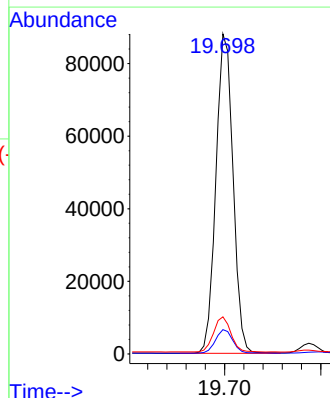
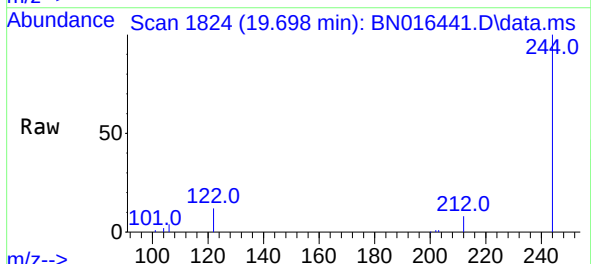
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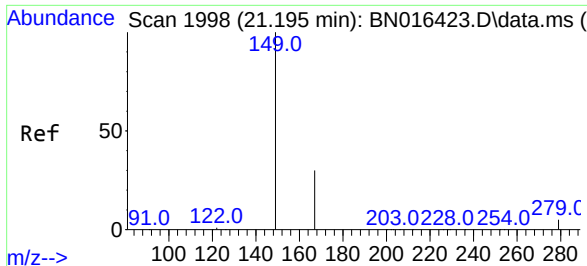
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#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

Tgt Ion:244 Resp: 108570
Ion Ratio Lower Upper
244 100
212 7.6 5.5 8.3
122 11.6 9.0 13.4





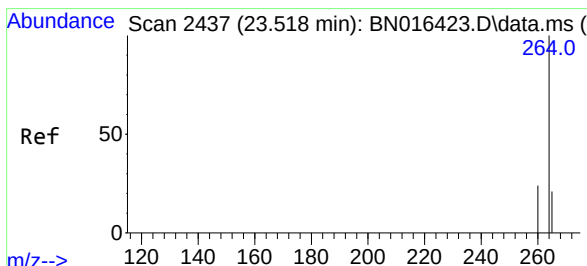
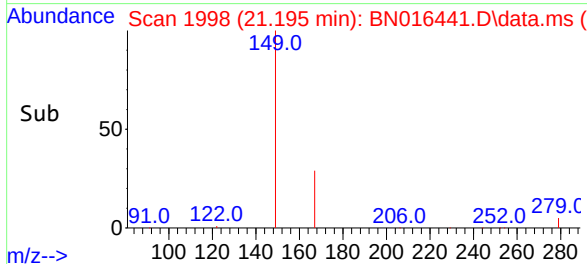
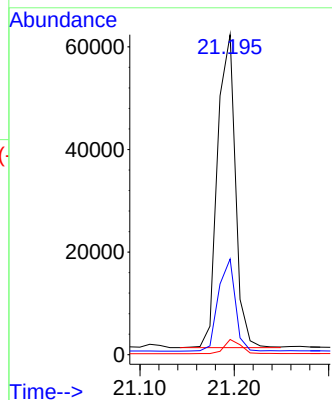
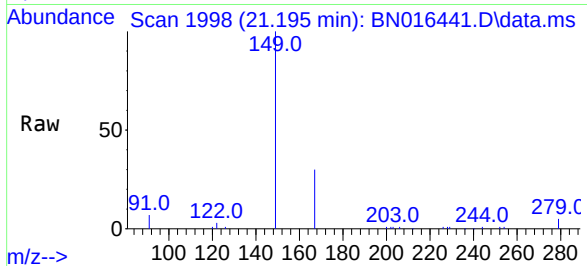
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.93 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

Tgt Ion:149 Resp: 80288
Ion Ratio Lower Upper
149 100
167 28.0 23.4 35.0
279 4.2 3.9 5.9

Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(0.5)

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#35
Perylene-d12
Concen: 0.40 ng
RT: 23.519 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BN016441.D
Acq: 24 Sep 2021 16:45

Tgt Ion:264 Resp: 101310
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 23.9 23.7 35.5

