

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016492.D
 Acq On : 26 Sep 2021 02:38
 Operator : CG/JU
 Sample : M3920-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-811-G-SO-2.5-3-092321

Manual Integrations
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Quant Time: Sep 26 04:47:39 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	17558	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	75401	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	37121	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	77546	0.400	ng	0.00
29) Chrysene-d12	21.249	240	79680	0.400	ng	# 0.00
35) Perylene-d12	23.512	264	73934	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	11013	0.280	ng	0.02
5) Phenol-d6	6.849	99	12534	0.270	ng	0.00
8) Nitrobenzene-d5	8.810	82	13386	0.251	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	29794	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2120	0.278	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	38705	0.248	ng	-0.01
27) Fluoranthene-d10	19.088	212	61046	0.287	ng	0.00
31) Terphenyl-d14	19.698	244	45148	0.244	ng	0.00
Target Compounds						
25) Phenanthrene	17.091	178	4725m	0.020	ng	Qvalue
28) Fluoranthene	19.118	202	14983	0.059	ng	98
30) Pyrene	19.480	202	13553	0.054	ng	# 94
32) Benzo(a)anthracene	21.238	228	8486	0.037	ng	93
33) Chrysene	21.281	228	8497	0.034	ng	95
34) Bis(2-ethylhexyl)phtha...	21.185	149	8766	0.139	ng	96
37) Benzo(b)fluoranthene	22.834	252	11511	0.047	ng	# 86
38) Benzo(k)fluoranthene	22.872	252	5471m	0.023	ng	
41) Benzo(g,h,i)perylene	26.507	276	4488	0.021	ng	93

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

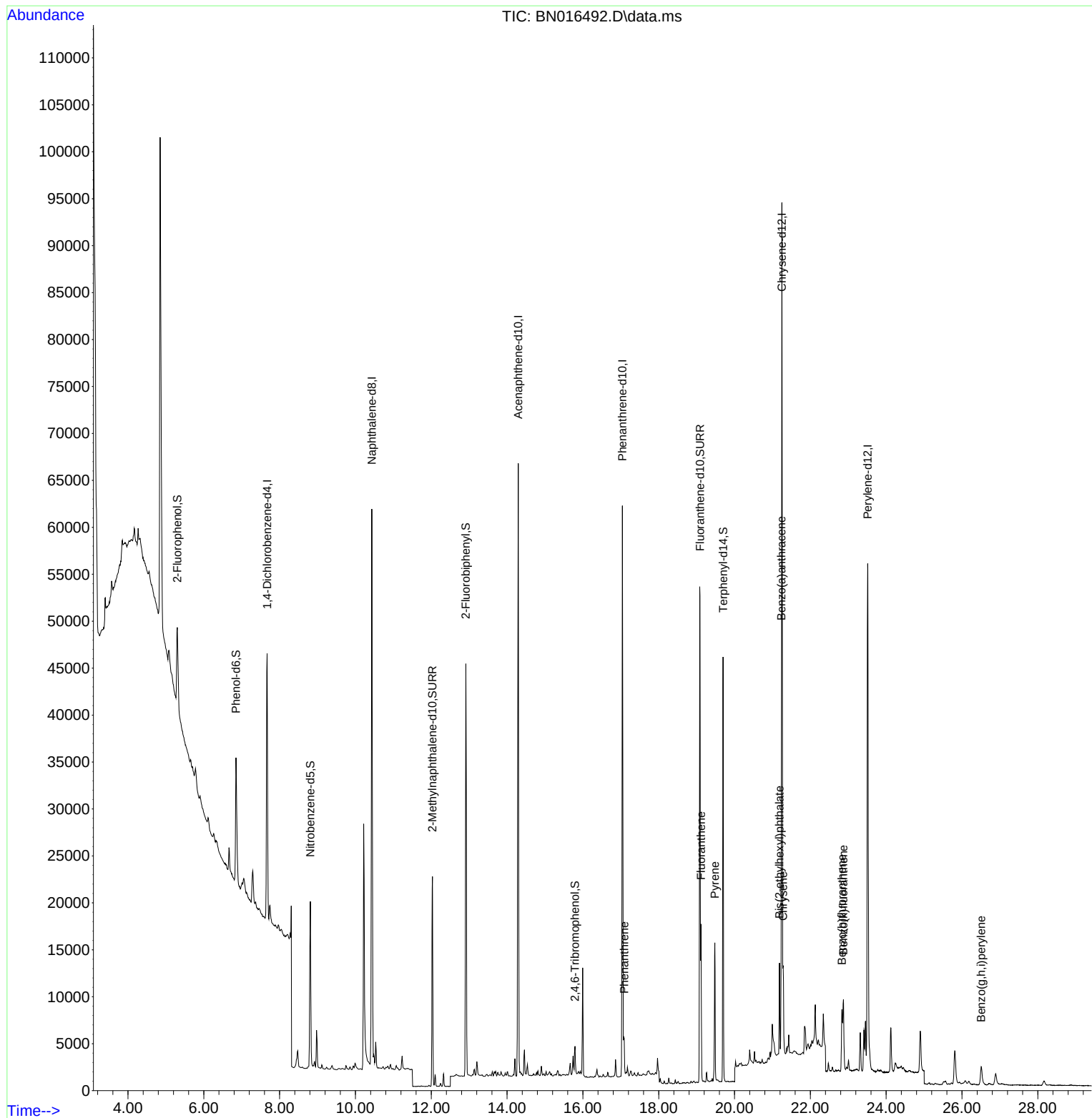
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016492.D
Acq On : 26 Sep 2021 02:38
Operator : CG/JU
Sample : M3920-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

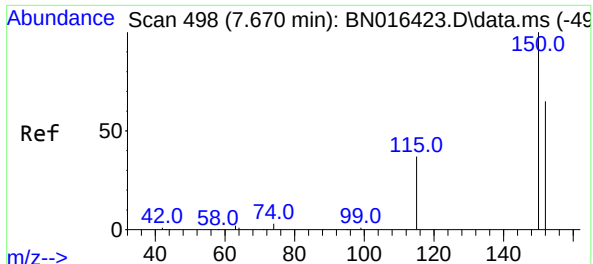
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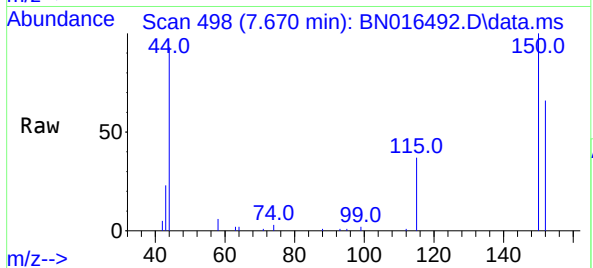
Quant Time: Sep 26 04:47:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

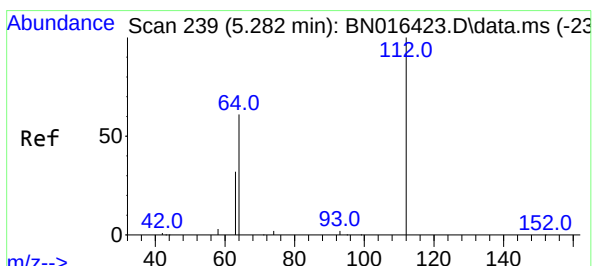
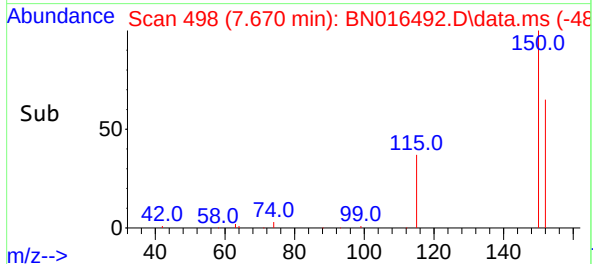
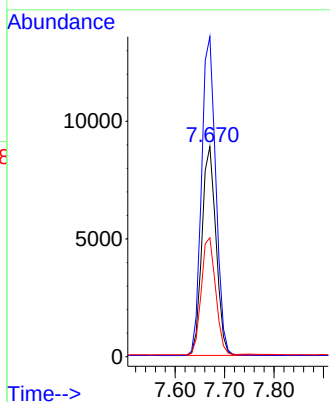
Instrument :
BNA_N
ClientSampleId :
S-811-G-SO-2.5-3-092321



Tgt Ion:152 Resp: 17558
Ion Ratio Lower Upper
152 100
150 152.4 125.6 188.4
115 56.6 50.2 75.2

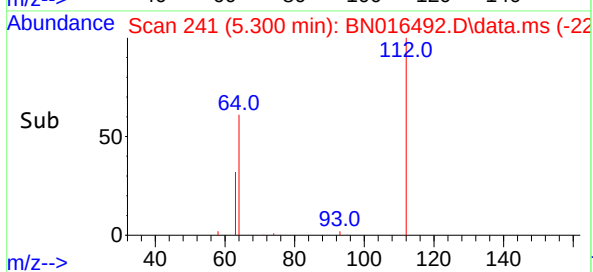
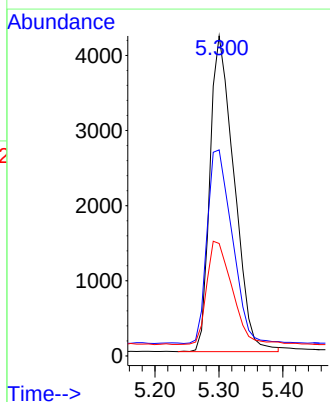
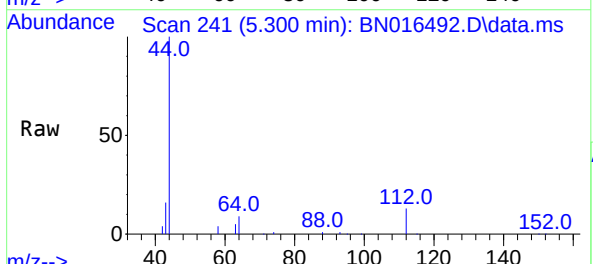
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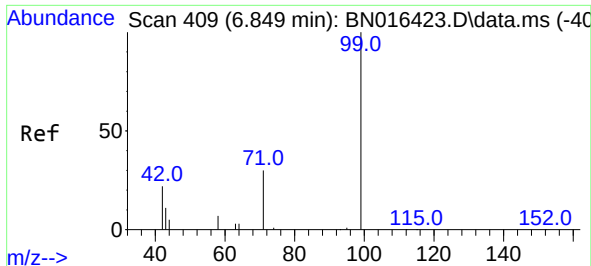
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#4
2-Fluorophenol
Concen: 0.280 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

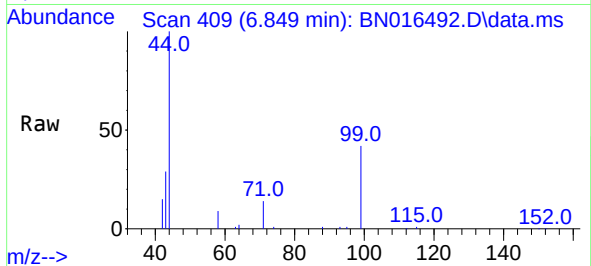
Tgt Ion:112 Resp: 11013
Ion Ratio Lower Upper
112 100
64 63.6 47.3 70.9
63 34.4 23.4 35.0





#5
Phenol-d6
Concen: 0.270 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

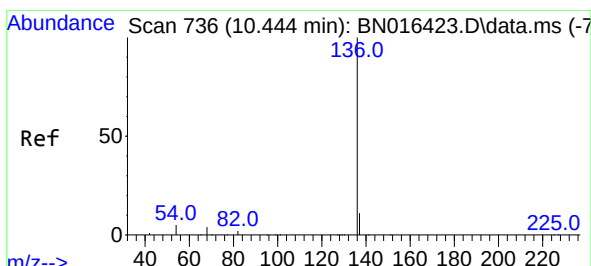
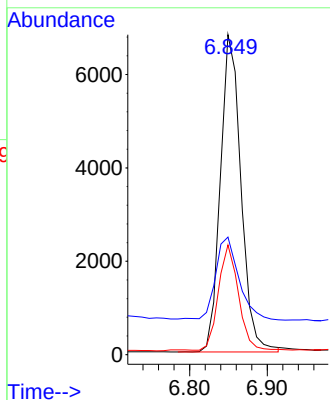
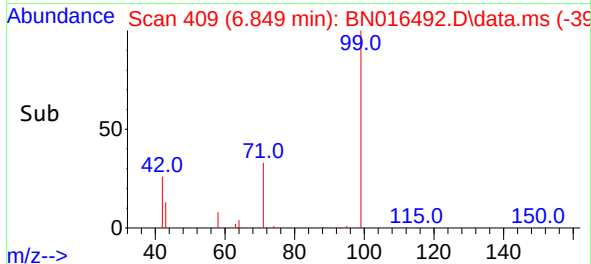
Instrument :
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ClientSampleId :
S-811-G-SO-2.5-3-092321



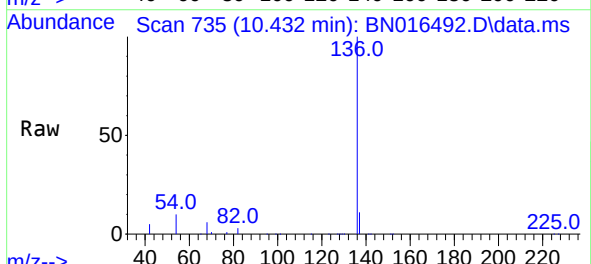
Tgt Ion: 99 Resp: 12534
Ion Ratio Lower Upper
99 100
42 29.4 14.0 21.0#
71 32.0 23.8 35.6

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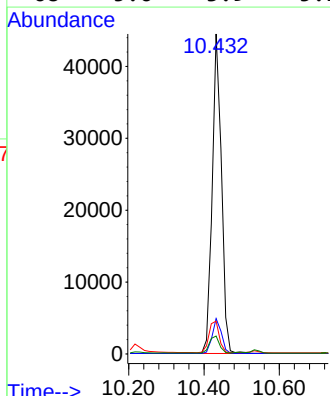
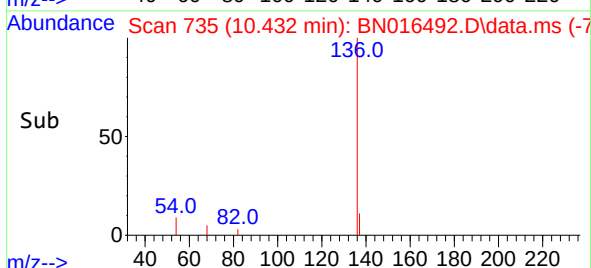
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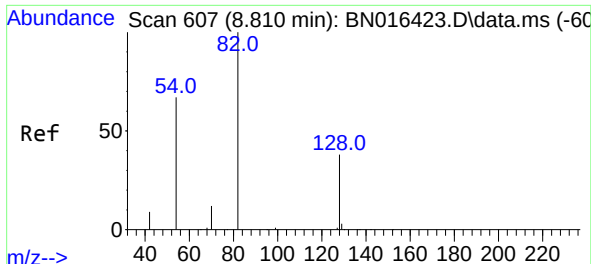


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

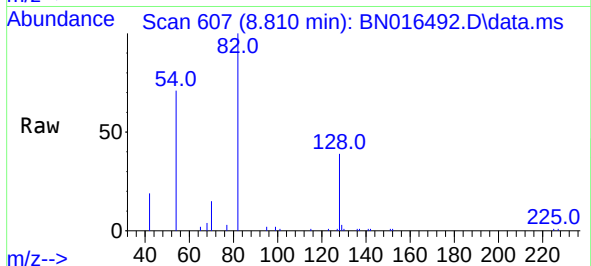


Tgt Ion: 136 Resp: 75401
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.3 5.3 7.9#
68 5.6 3.9 5.9

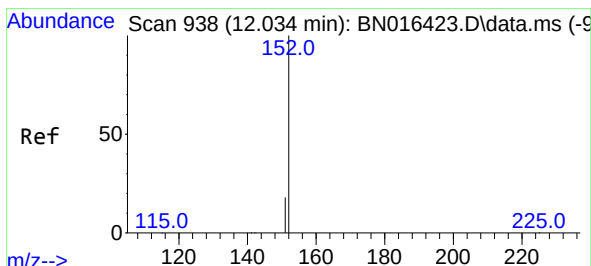
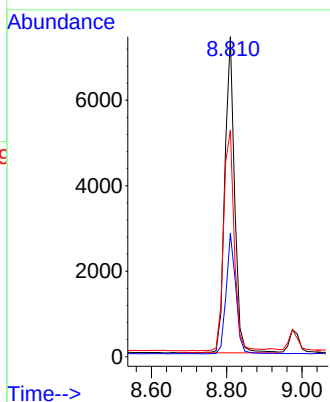
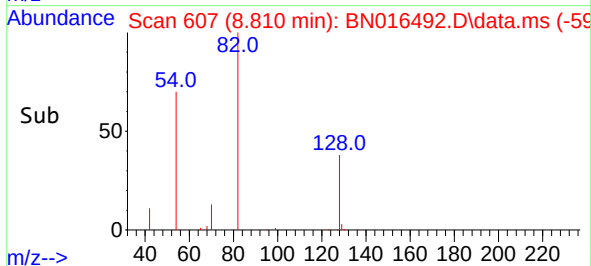




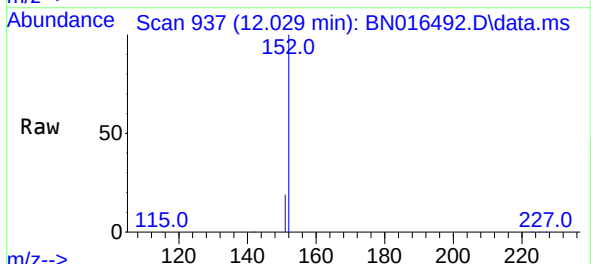
#8
Nitrobenzene-d5
Concen: 0.251 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38



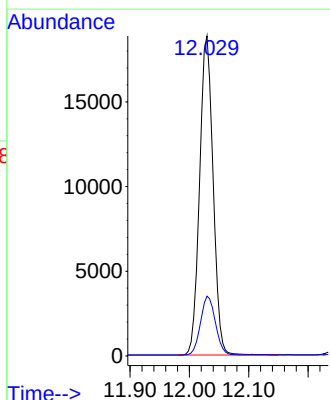
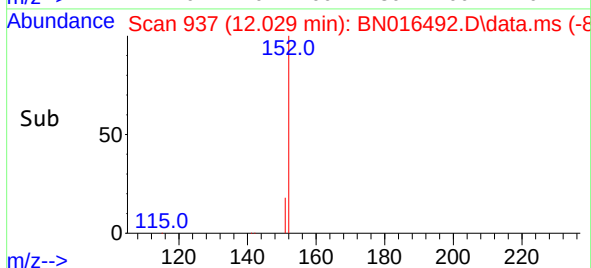
Tgt Ion: 82 Resp: 13386
Ion Ratio Lower Upper
82 100
128 38.5 31.7 47.5
54 70.8 46.4 69.6#



#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38



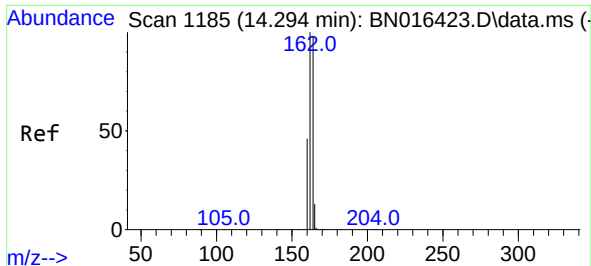
Tgt Ion: 152 Resp: 29794
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1



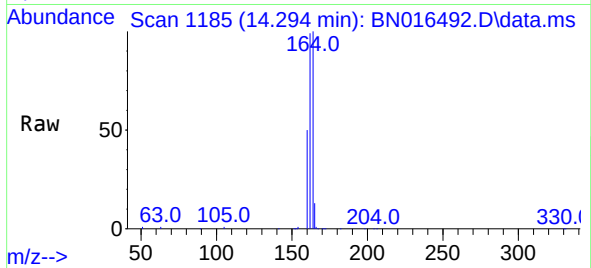
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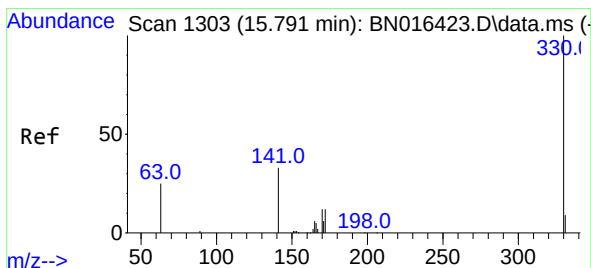
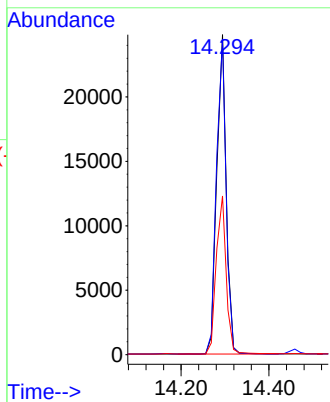
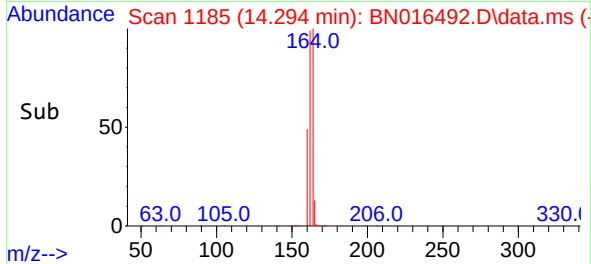


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

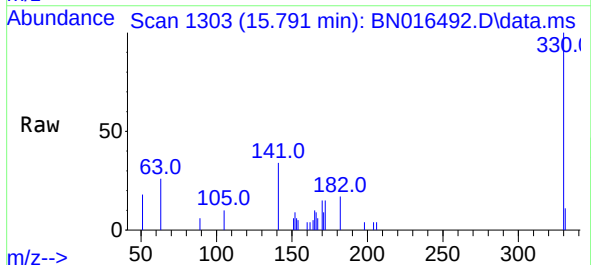


Tgt Ion:164 Resp: 37121

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.0	118.4
160	49.6	34.1	51.1

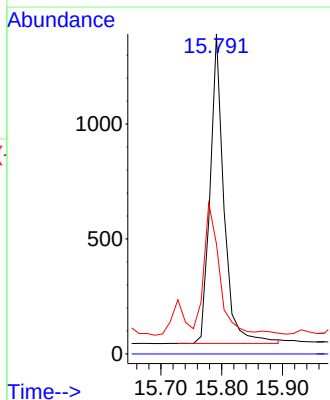
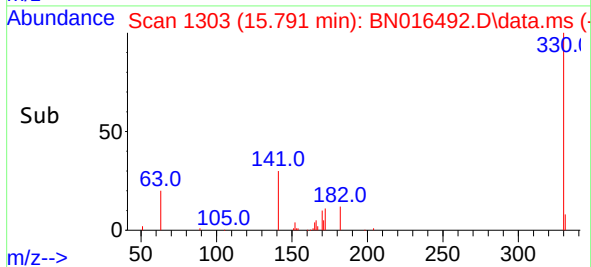


#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38



Tgt Ion:330 Resp: 2120

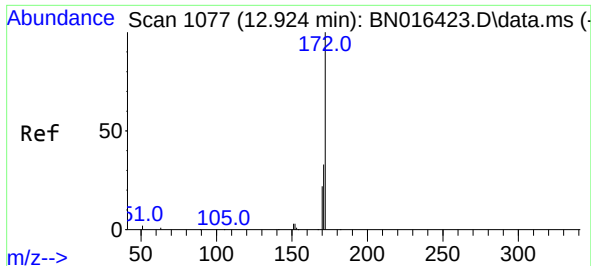
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.3	25.0	37.4



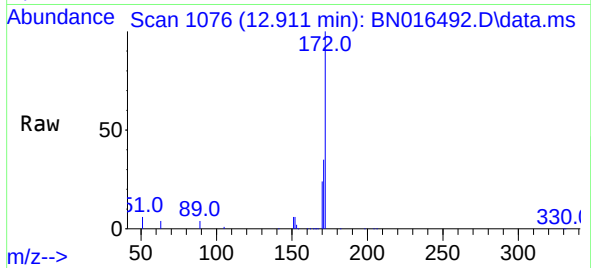
Instrument :
BNA_N
ClientSampleId :
S-811-G-SO-2.5-3-092321

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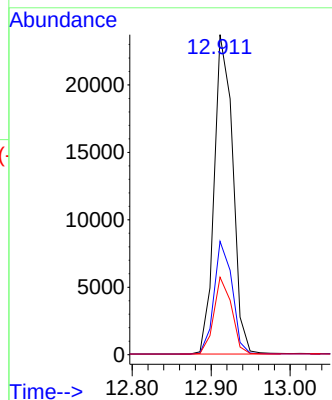
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#15
2-Fluorobiphenyl
Concen: 0.248 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38



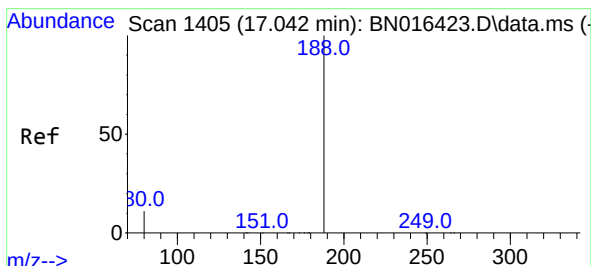
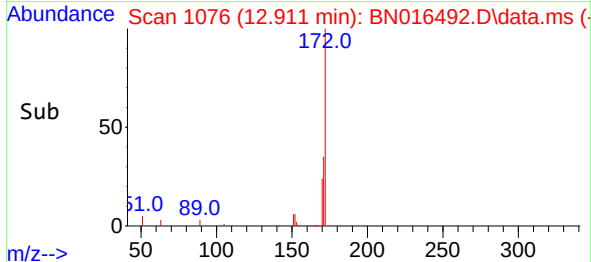
Tgt Ion:172 Resp: 38705
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.2 18.2 27.2



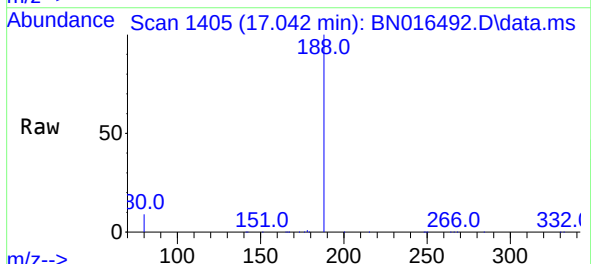
Instrument :
BNA_N
ClientSampleId :
S-811-G-SO-2.5-3-092321

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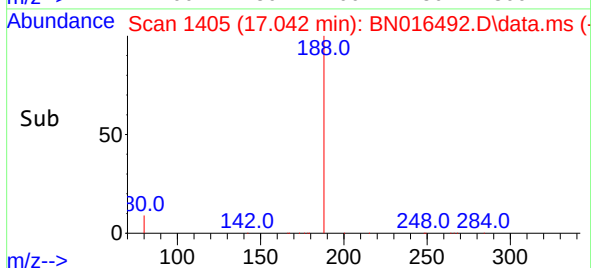
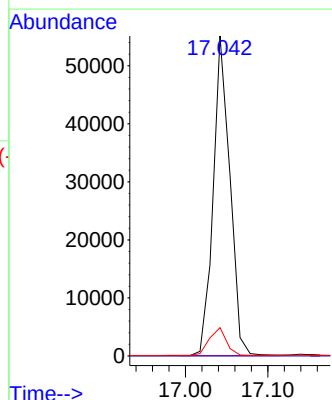
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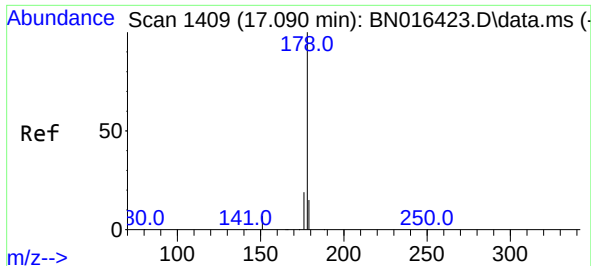


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38



Tgt Ion:188 Resp: 77546
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.0 10.6





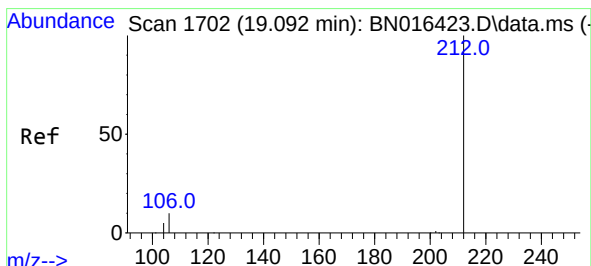
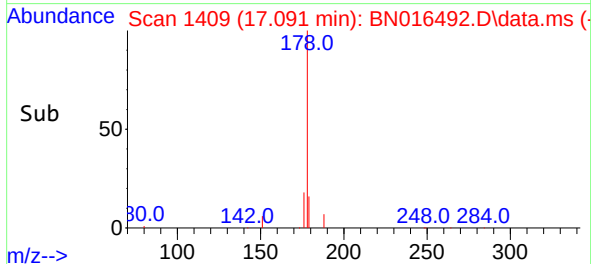
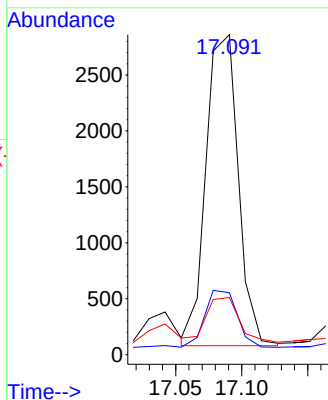
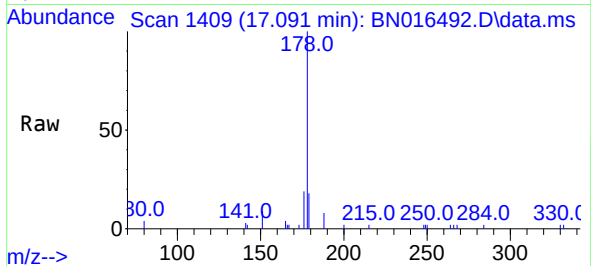
#25
Phenanthrene
Concen: 0.020 ng m
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:	178	Resp:	4725
Ion	Ratio	Lower	Upper
178	100		
176	20.0	14.4	21.6
179	15.8	12.2	18.4

Instrument :
BNA_N
ClientSampleId :
S-811-G-SO-2.5-3-092321

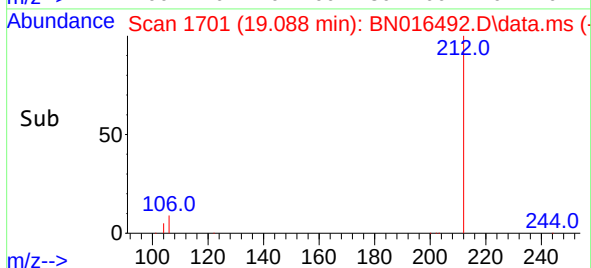
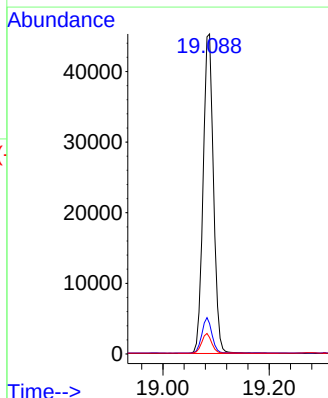
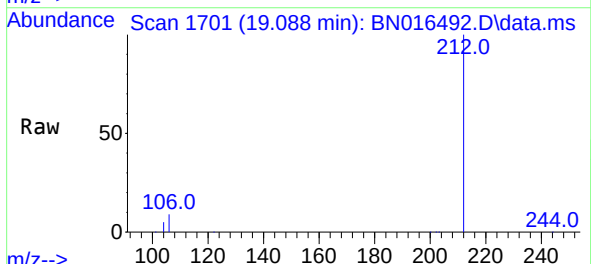
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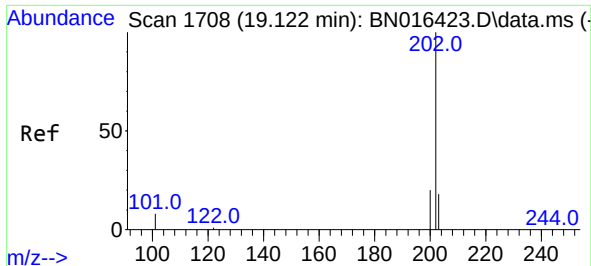
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#27
Fluoranthene-d10
Concen: 0.287 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

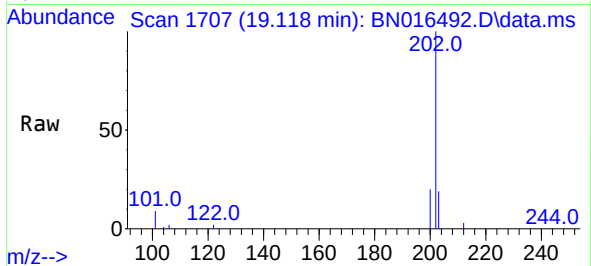
Tgt Ion:	212	Resp:	61046
Ion	Ratio	Lower	Upper
212	100		
106	10.7	9.8	14.6
104	5.9	5.4	8.2





#28
Fluoranthene
Concen: 0.059 ng
RT: 19.118 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

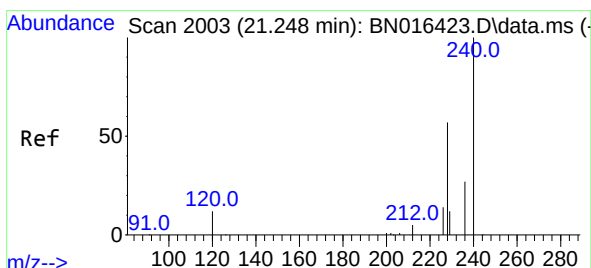
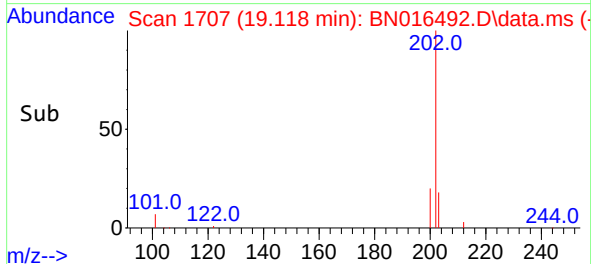
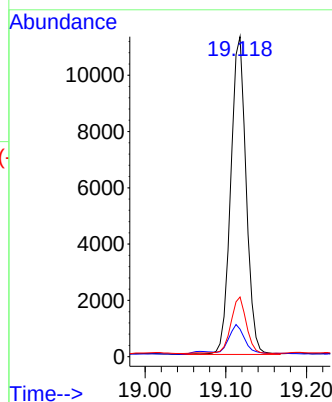
Instrument :
BNA_N
ClientSampleId :
S-811-G-SO-2.5-3-092321



Tgt Ion:202 Resp: 14983
Ion Ratio Lower Upper
202 100
101 9.2 8.5 12.7
203 17.9 13.8 20.8

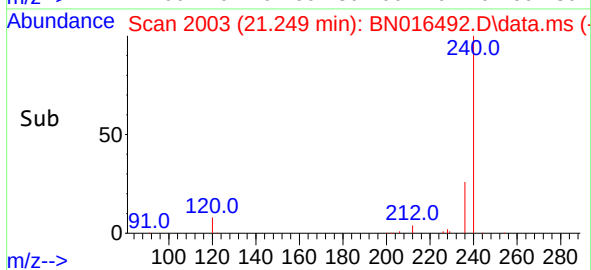
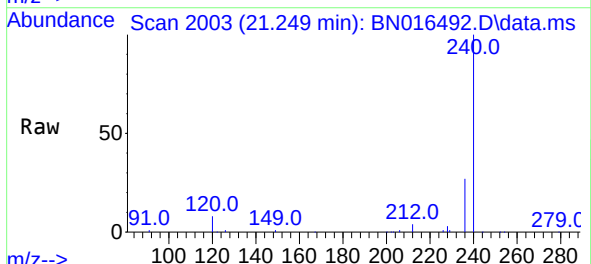
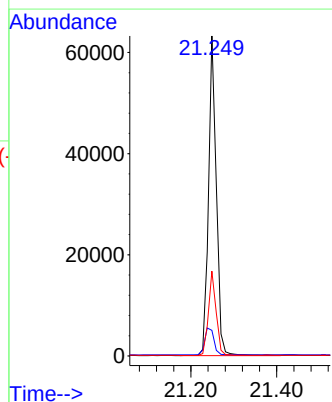
Manual Integrations
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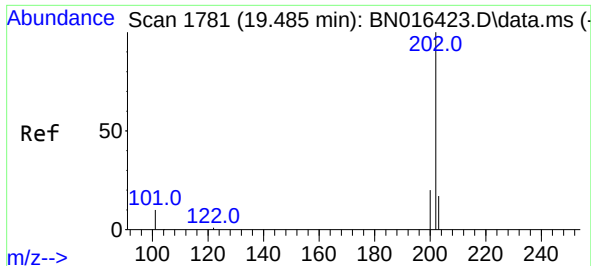
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#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:240 Resp: 79680
Ion Ratio Lower Upper
240 100
120 8.0 5.3 7.9#
236 26.5 19.8 29.8





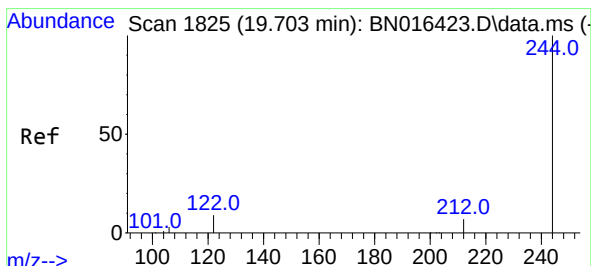
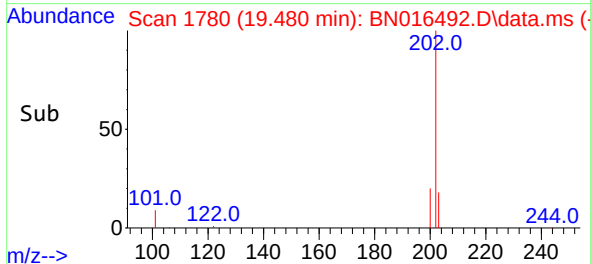
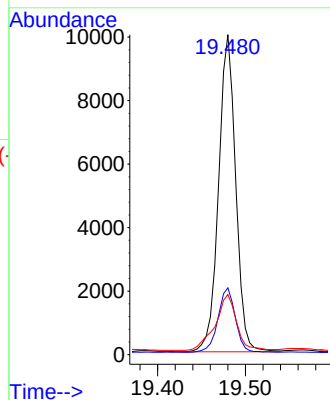
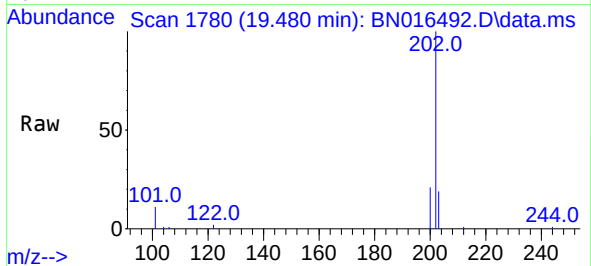
#30
Pyrene
Concen: 0.054 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016492.D
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Tgt Ion:202	Resp:	13553
Ion Ratio	Lower	Upper
202	100	
200	20.6	15.8 23.6
203	21.9	13.9 20.9#

Instrument :
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ClientSampleId :
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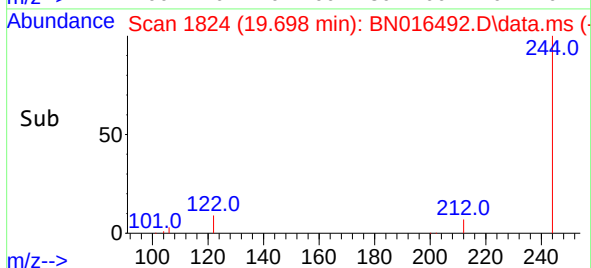
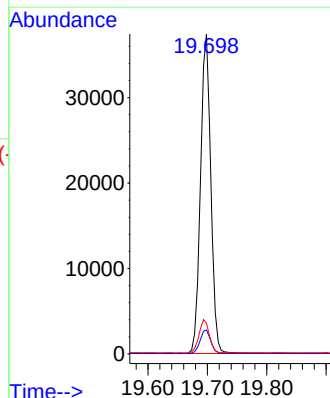
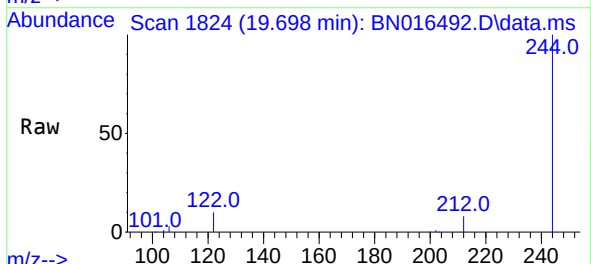
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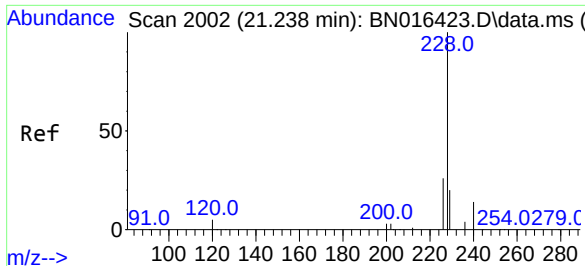
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#31
Terphenyl-d14
Concen: 0.244 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:244	Resp:	45148
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.5 8.3
122	9.6	9.0 13.4





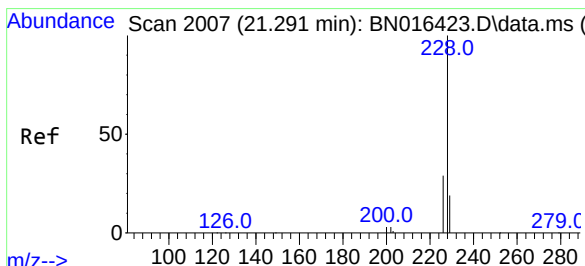
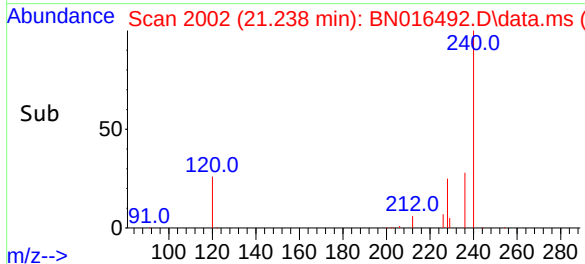
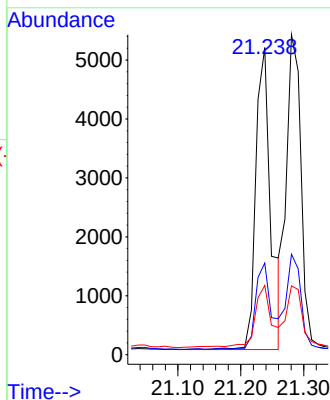
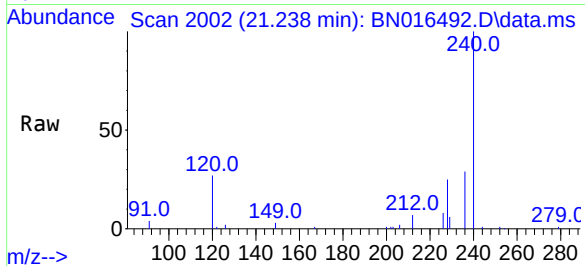
#32
Benzo(a)anthracene
Concen: 0.037 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:228 Resp: 8486
Ion Ratio Lower Upper
228 100
226 29.9 20.8 31.2
229 22.5 15.8 23.6

Instrument :
BNA_N
ClientSampleId :
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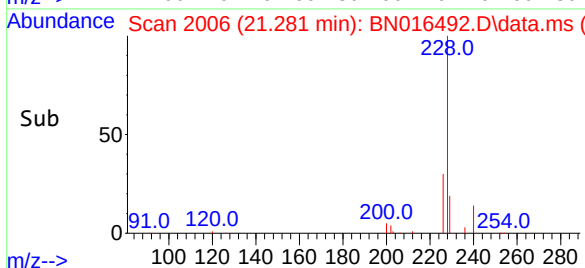
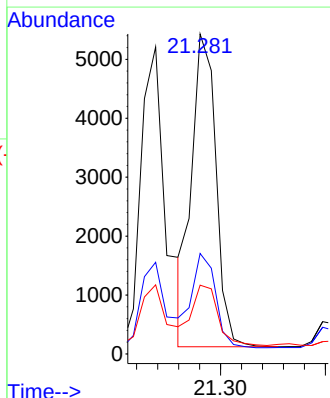
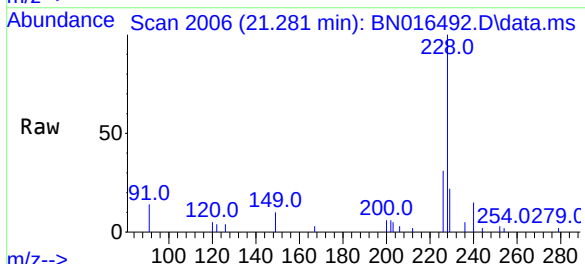
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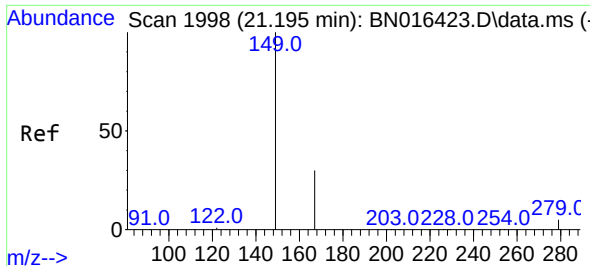
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#33
Chrysene
Concen: 0.034 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BN016492.D
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Tgt Ion:228 Resp: 8497
Ion Ratio Lower Upper
228 100
226 31.4 23.0 34.4
229 21.5 15.6 23.4





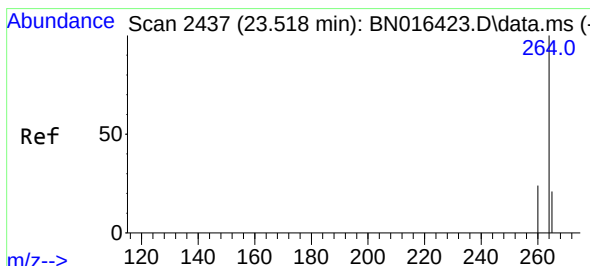
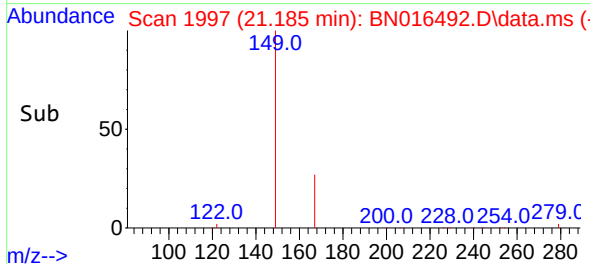
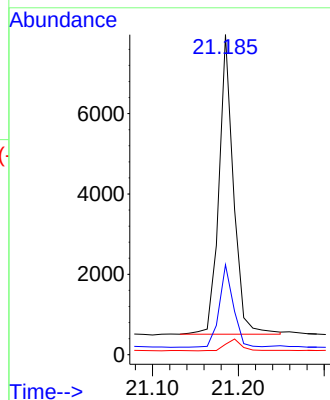
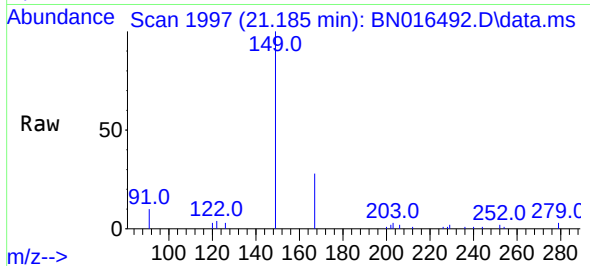
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.139 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016492.D
 Acq: 26 Sep 2021 02:38

Tgt Ion:	149	Resp:	8766
Ion Ratio	Lower	Upper	
149	100		
167	26.7	23.4	35.0
279	4.3	3.9	5.9

Instrument :
 BNA_N
 ClientSampleId :
 S-811-G-SO-2.5-3-092321

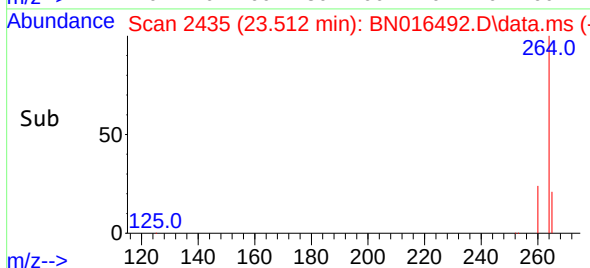
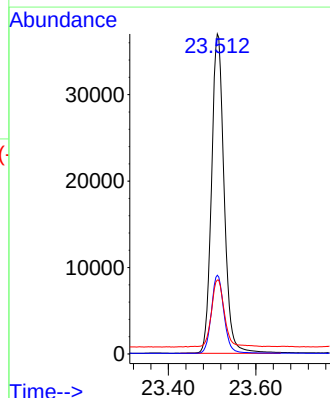
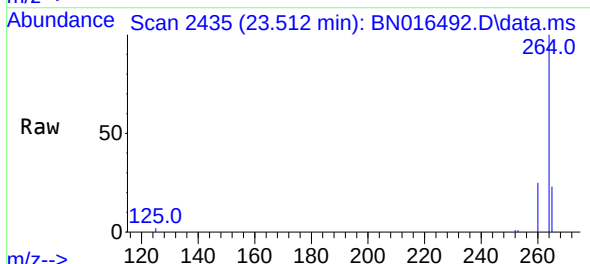
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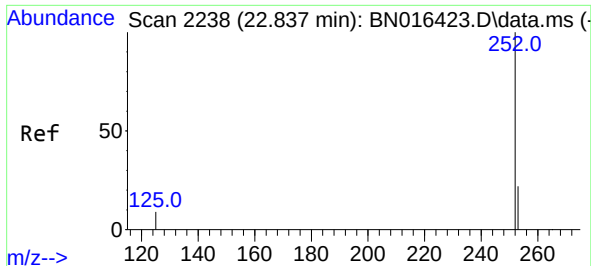
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#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.512 min Scan# 2435
 Delta R.T. -0.007 min
 Lab File: BN016492.D
 Acq: 26 Sep 2021 02:38

Tgt Ion:	264	Resp:	73934
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.9	28.3
265	23.1	23.7	35.5





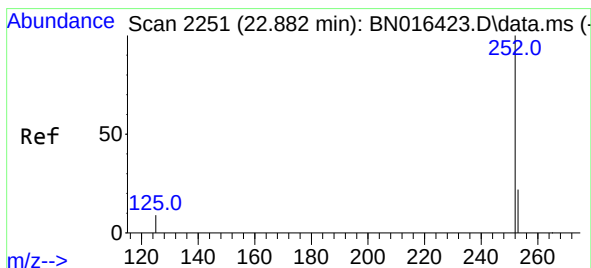
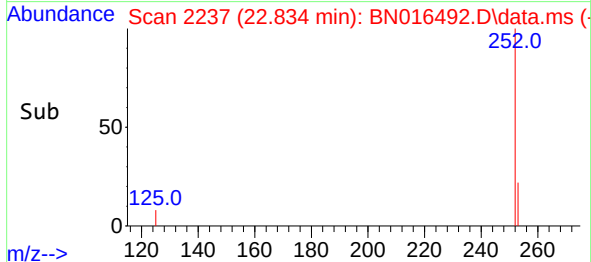
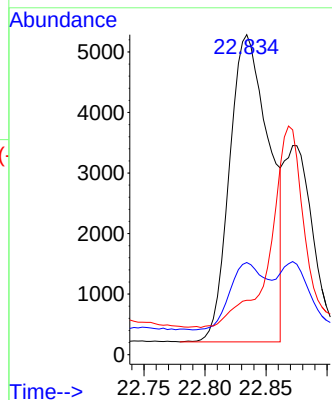
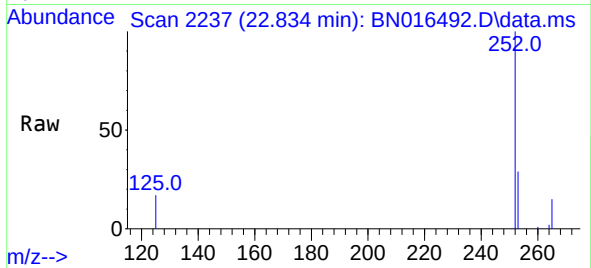
#37
Benzo(b)fluoranthene
Concen: 0.047 ng
RT: 22.834 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	18.2	27.2#
125	17.0	8.4	12.6#

Instrument :
BNA_N
ClientSampleId :
S-811-G-SO-2.5-3-092321

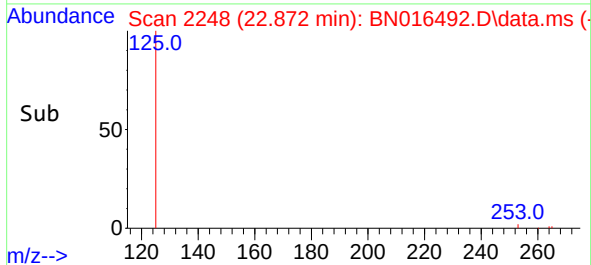
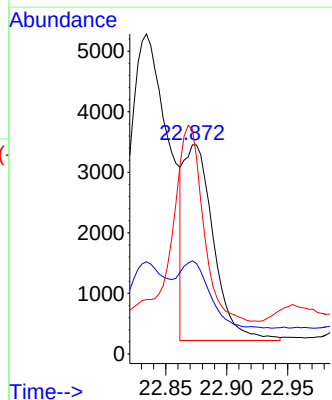
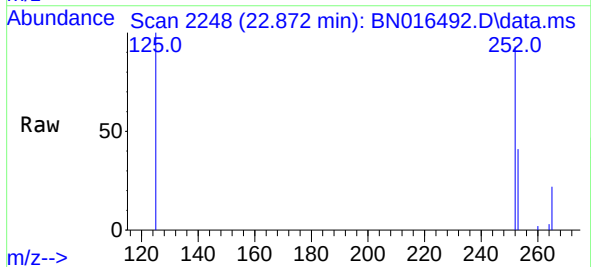
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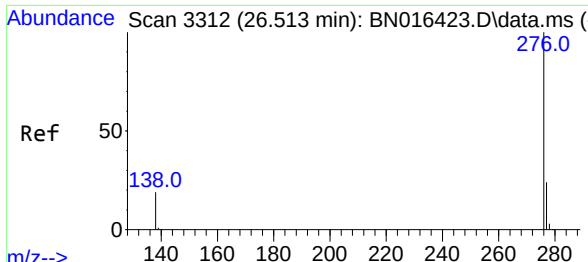
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#38
Benzo(k)fluoranthene
Concen: 0.023 ng m
RT: 22.872 min Scan# 2248
Delta R.T. -0.010 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.6	18.2	27.2#
125	107.5	8.2	12.4#





#41
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 26.507 min Scan# 3310
Delta R.T. -0.007 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:	276	Resp:	4488
Ion Ratio	Lower	Upper	
276	100		
277	27.8	20.5	30.7
138	27.3	18.2	27.4

Instrument :
BNA_N
ClientSampleId :
S-811-G-SO-2.5-3-092321

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