

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021521\
 Data File : BN013627.D
 Acq On : 15 Feb 2021 16:57
 Operator : CG/JU
 Sample : M1413-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR2-95-103-021221

Manual Integrations
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Quant Time: Feb 15 17:52:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 08 15:13:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	6322	0.40	ng	0.00
7) Naphthalene-d8	10.315	136	24932	0.40	ng	# 0.00
13) Acenaphthene-d10	14.181	164	13904	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	28674	0.40	ng	# 0.00
29) Chrysene-d12	21.133	240	28339	0.40	ng	0.00
36) Perylene-d12	23.304	264	26637	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.180	112	2157	0.16	ng	0.00
5) Phenol-d6	6.734	99	1580	0.09	ng	0.00
8) Nitrobenzene-d5	8.680	82	4022	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	11.906	152	10312	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1499	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	14878	0.29	ng	0.00
27) Fluoranthene-d10	18.975	212	27206	0.35	ng	0.00
31) Terphenyl-d14	19.586	244	25579	0.41	ng	0.00
Target Compounds						
9) Naphthalene	10.353	128	1962	0.03	ng	# 88
12) 2-Methylnaphthalene	11.982	142	1096	0.03	ng	# 95
25) Phenanthrene	16.970	178	3631m	0.05	ng	
28) Fluoranthene	19.005	202	2254	0.03	ng	# 96
30) Pyrene	19.367	202	2089	0.02	ng	97
32) Benzo(a)anthracene	21.123	228	1522	0.02	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.070	149	4034	0.18	ng	100

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

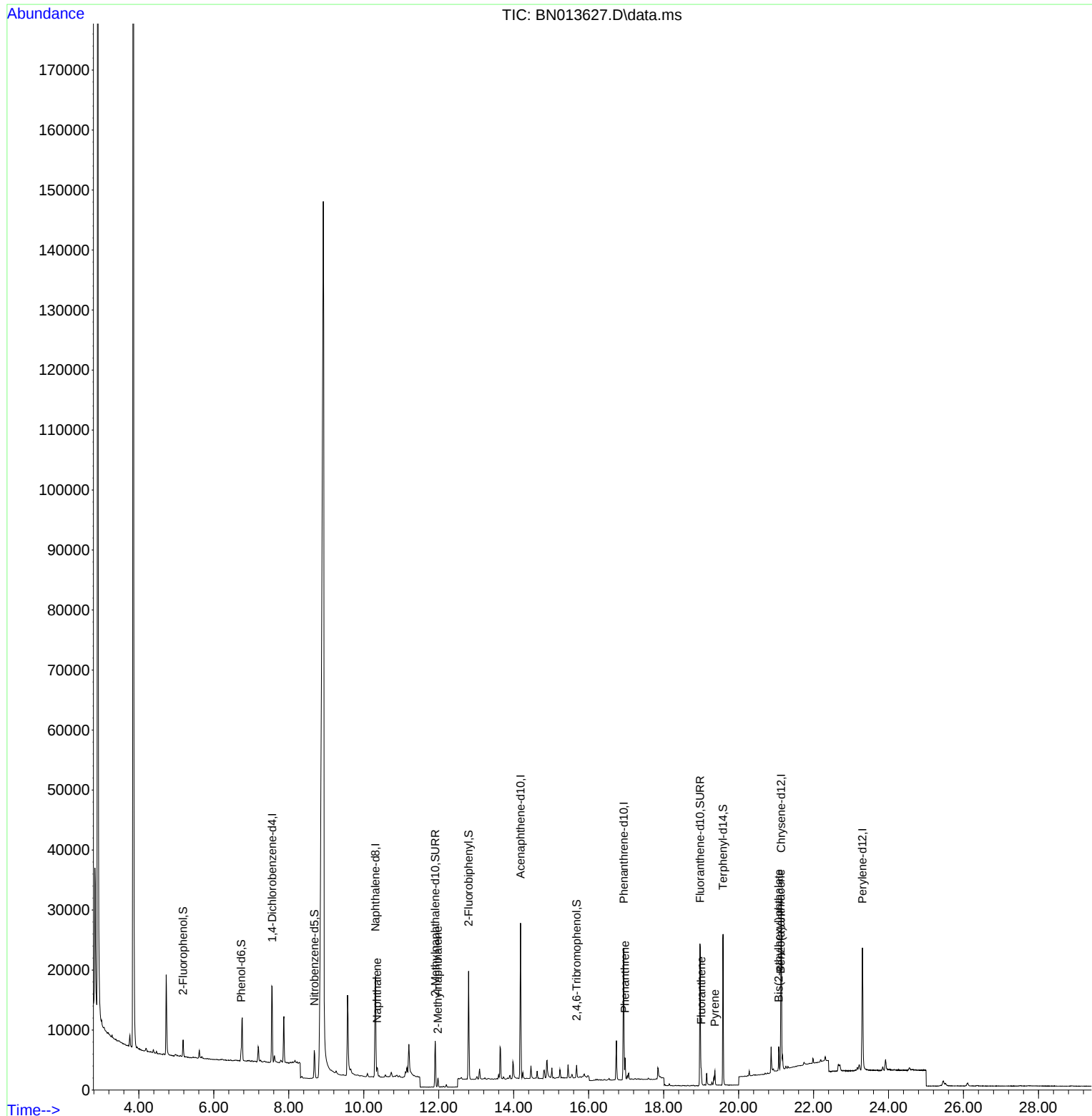
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021521\
Data File : BN013627.D
Acq On : 15 Feb 2021 16:57
Operator : CG/JU
Sample : M1413-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

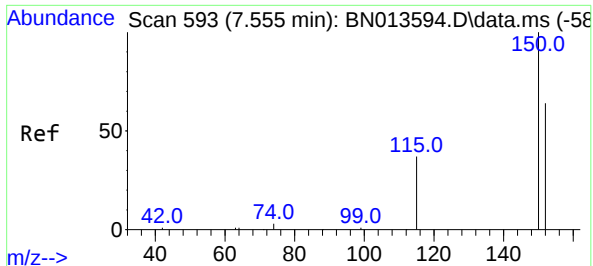
Instrument :
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ClientSampleId :
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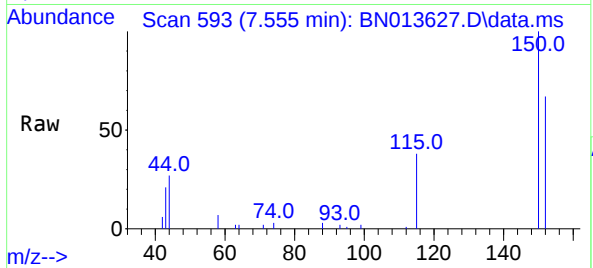
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 08 15:13:18 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.555 min Scan# 593
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

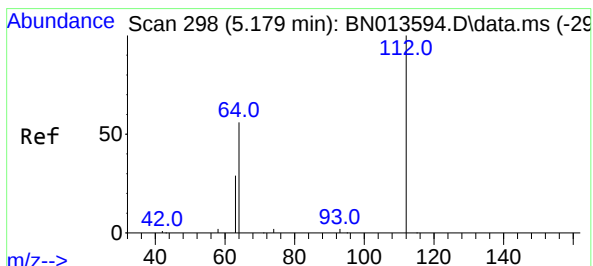
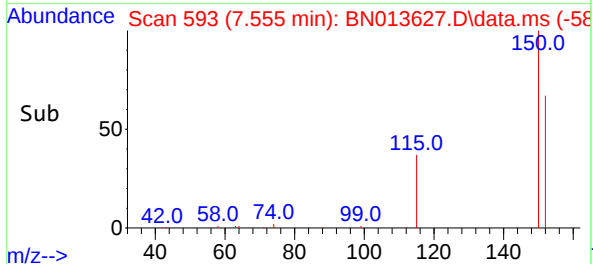
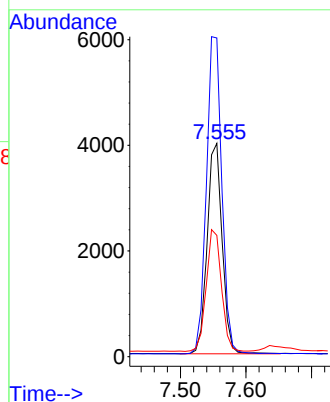
Instrument :
BNA_N
ClientSampleId :
GWBR2-95-103-021221



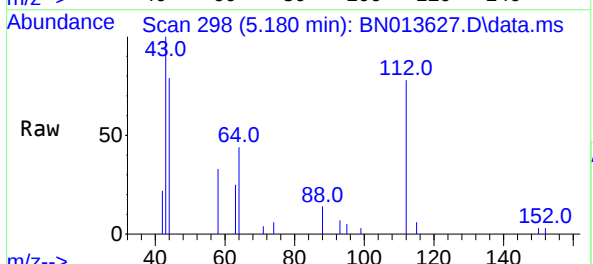
Tgt Ion:152 Resp: 6322
Ion Ratio Lower Upper
152 100
150 149.5 121.8 182.8
115 56.9 46.6 69.8

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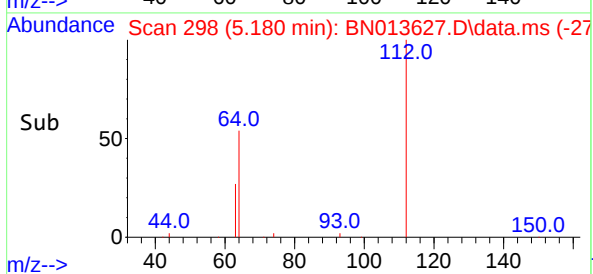
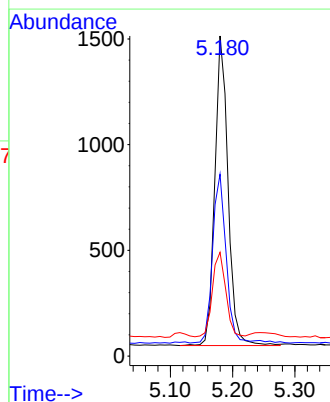
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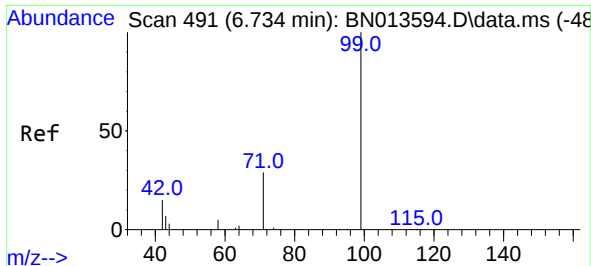


#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.180 min Scan# 298
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

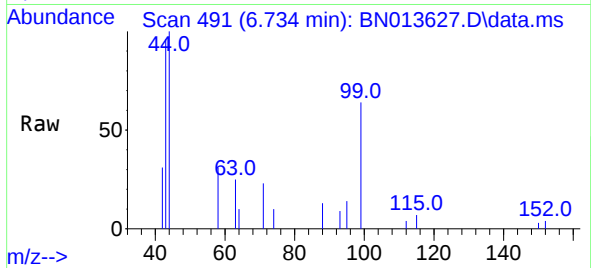


Tgt Ion:112 Resp: 2157
Ion Ratio Lower Upper
112 100
64 56.3 44.3 66.5
63 28.2 23.0 34.6



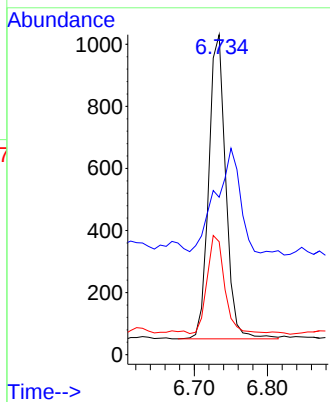
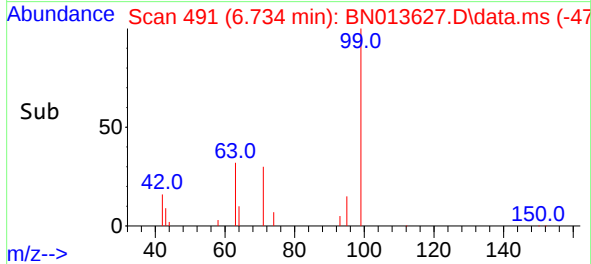


#5
Phenol-d6
Concen: 0.09 ng
RT: 6.734 min Scan# 491
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57



Tgt Ion: 99 Resp: 1580

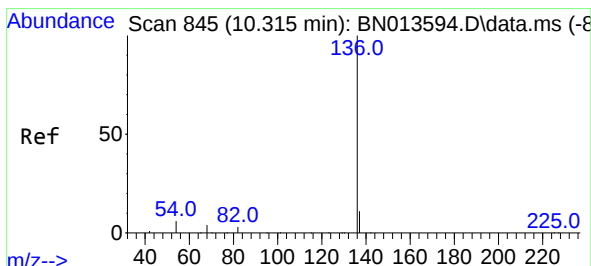
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	33.4	26.1	39.1



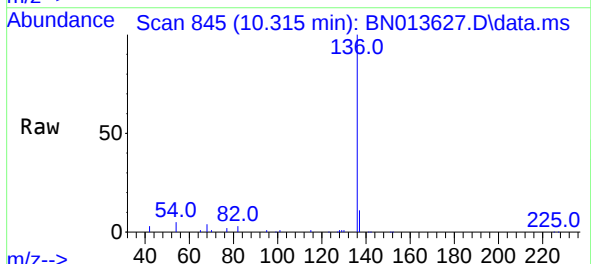
Instrument :
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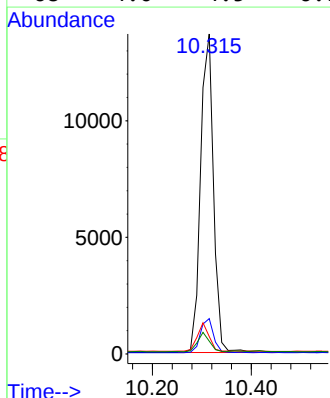
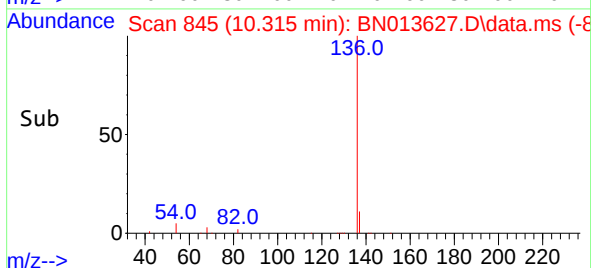


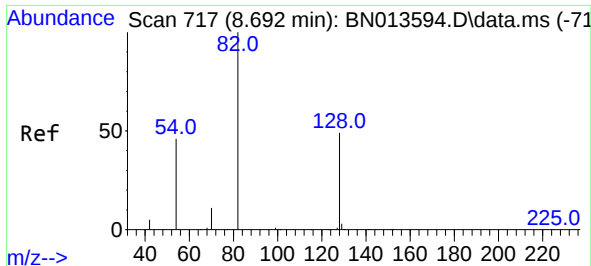
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57



Tgt Ion: 136 Resp: 24932

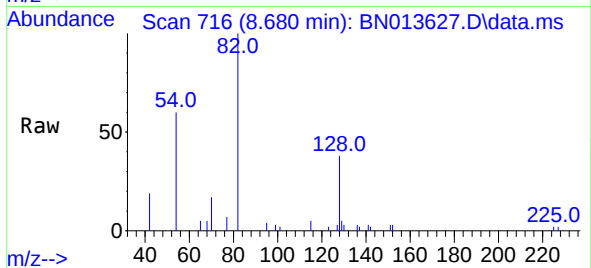
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	5.5	6.4	9.6#
68	4.0	4.5	6.7#





#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.012 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

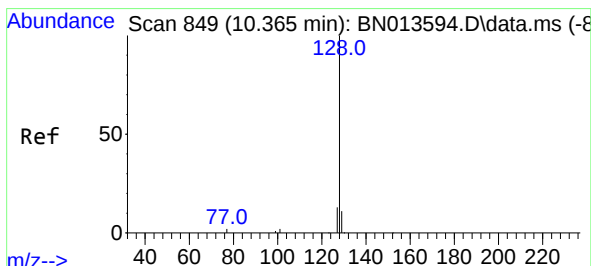
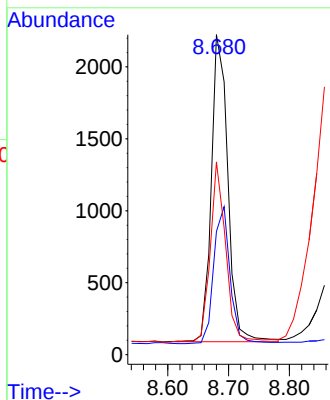
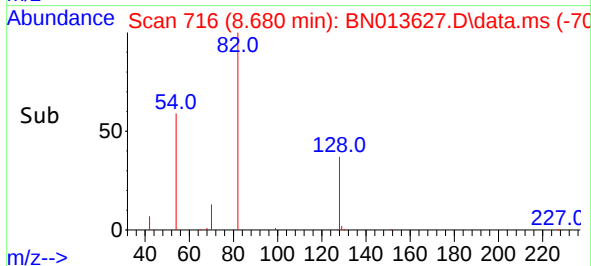
Instrument :
BNA_N
ClientSampleId :
GWBR2-95-103-021221



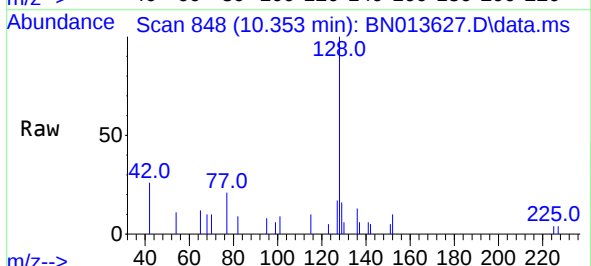
Tgt Ion: 82 Resp: 4022
Ion Ratio Lower Upper
82 100
128 38.5 39.2 58.8#
54 60.3 40.1 60.1#

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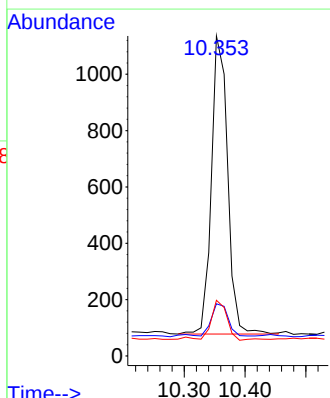
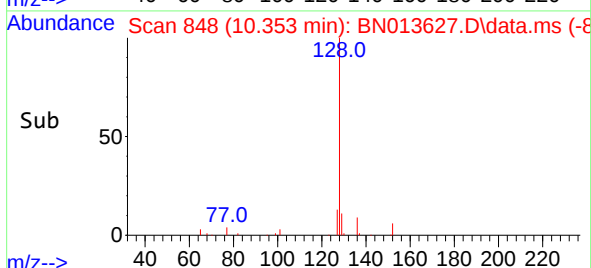
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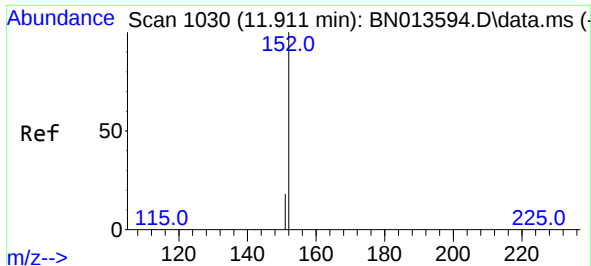


#9
Naphthalene
Concen: 0.03 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.012 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57



Tgt Ion: 128 Resp: 1962
Ion Ratio Lower Upper
128 100
129 16.3 9.0 13.4#
127 17.4 10.4 15.6#





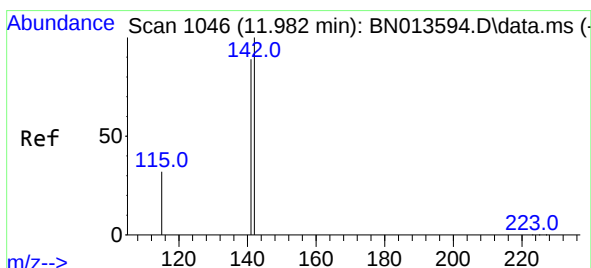
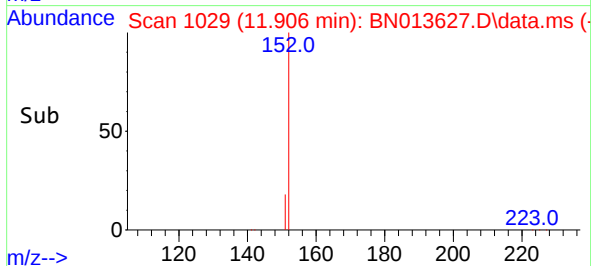
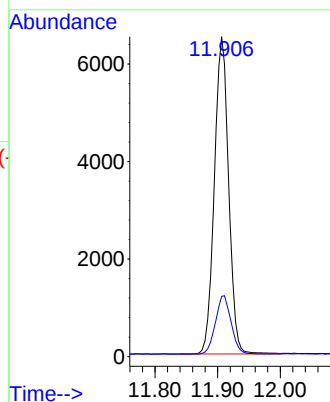
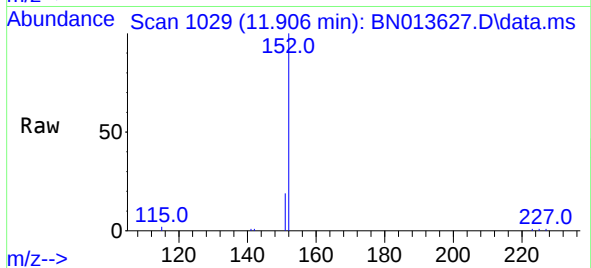
#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 11.906 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion:152 Resp: 10312
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

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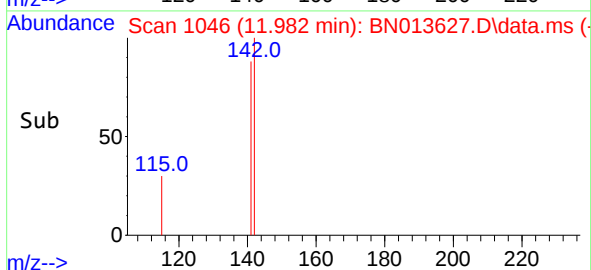
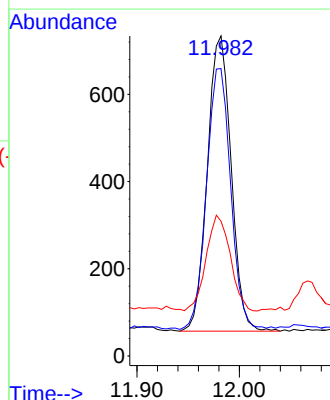
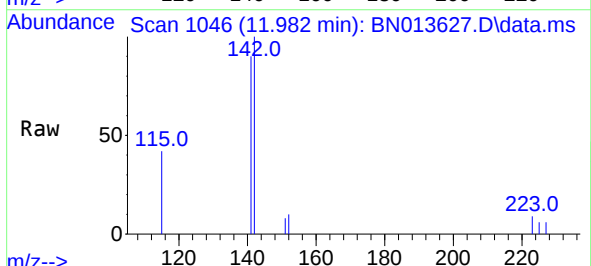
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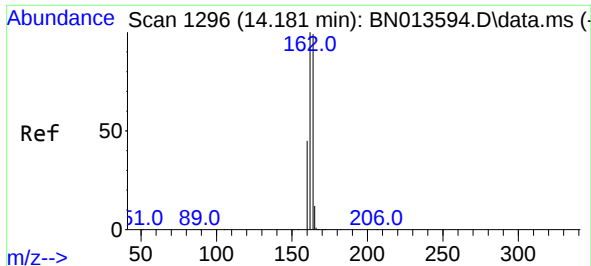
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#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 11.982 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion:142 Resp: 1096
Ion Ratio Lower Upper
142 100
141 89.8 70.5 105.7
115 42.1 27.4 41.0#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

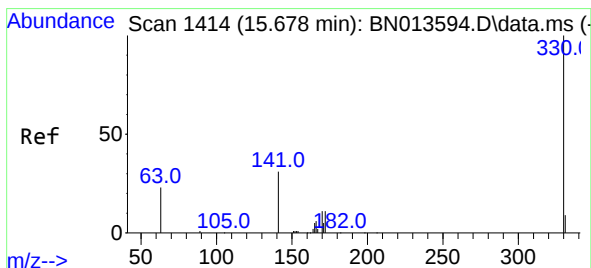
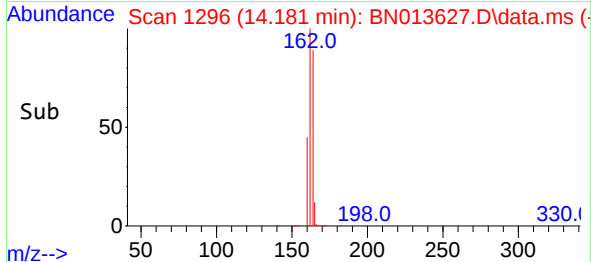
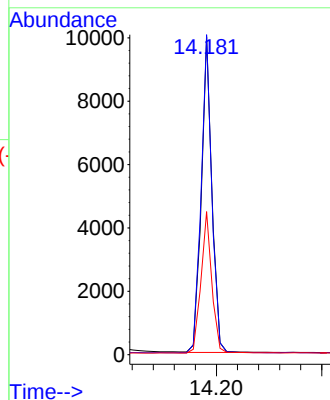
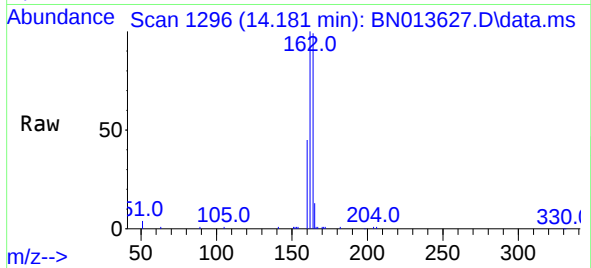
Tgt Ion:164 Resp: 13904

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.6	119.4
160	45.0	36.0	54.0

Instrument :
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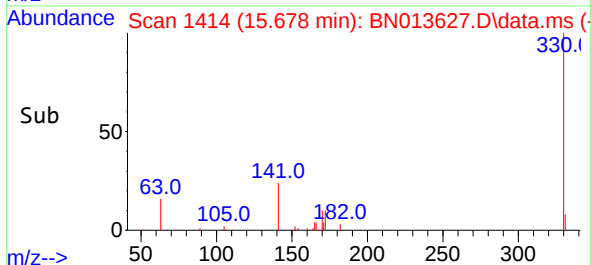
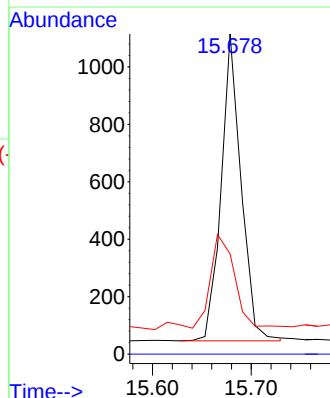
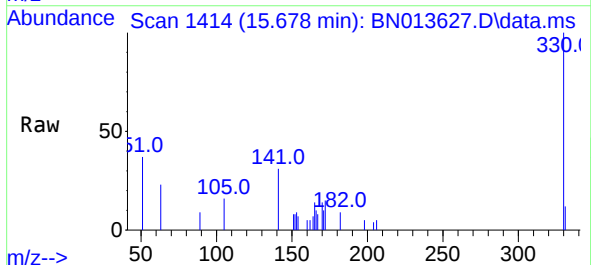
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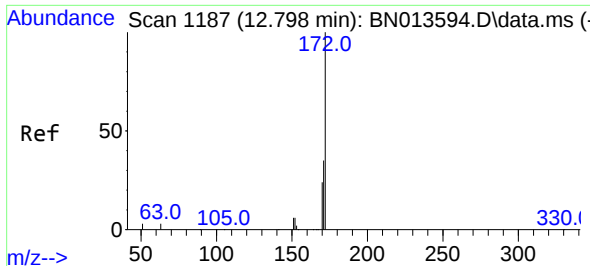


#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.678 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

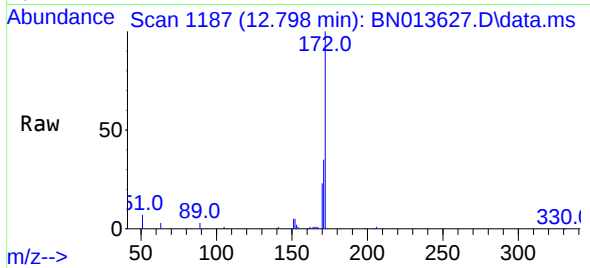
Tgt Ion:330 Resp: 1499

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.2	26.8	40.2#

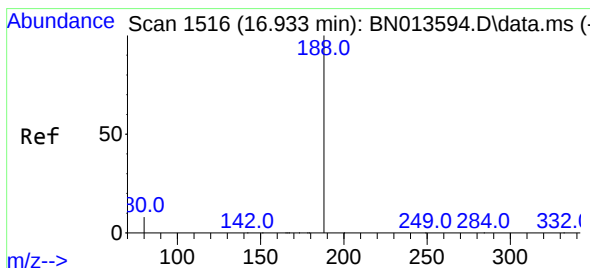
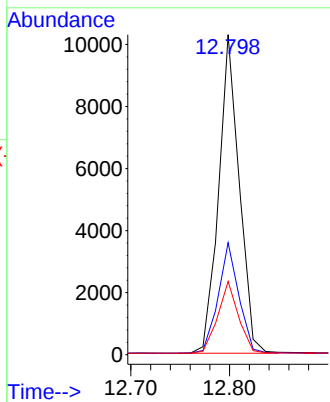
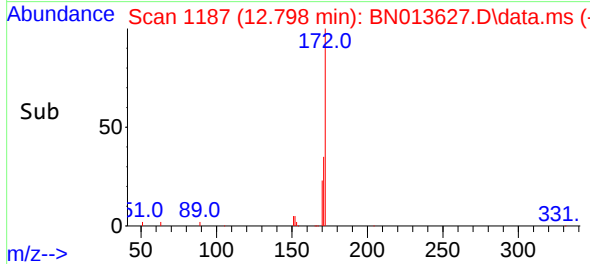




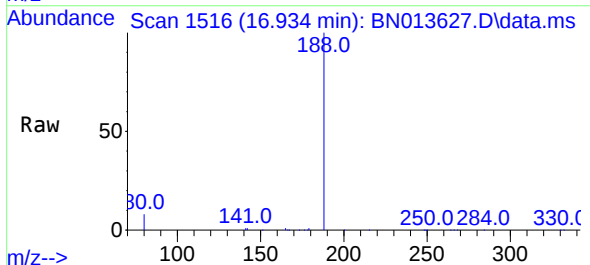
#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.798 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57



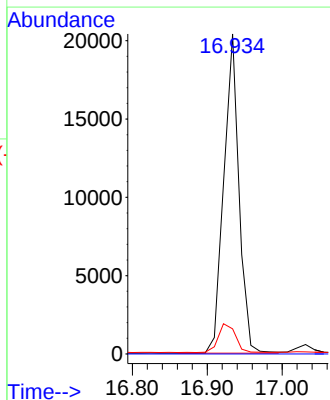
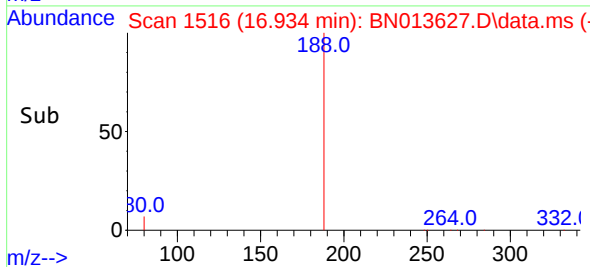
Tgt Ion:172 Resp: 14878
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 22.9 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.001 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57



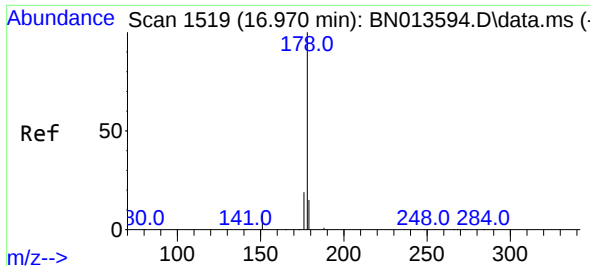
Tgt Ion:188 Resp: 28674
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 9.0 13.6#



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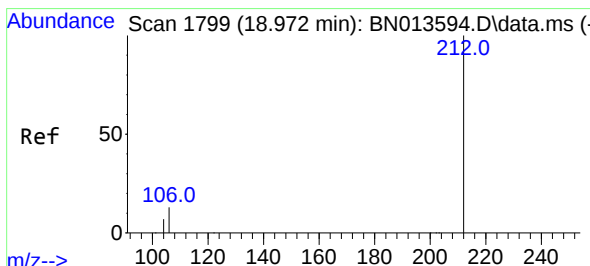
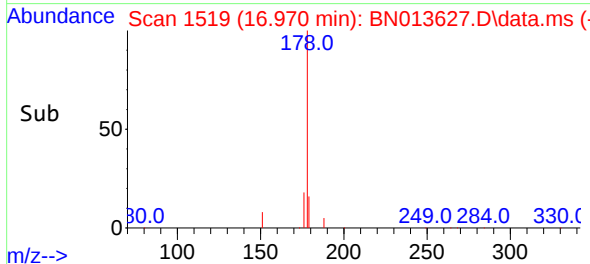
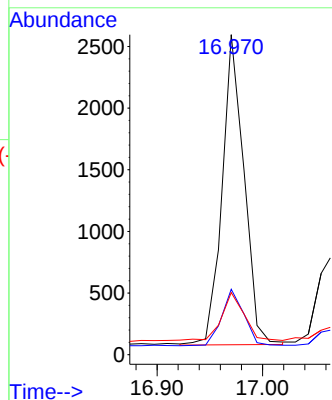
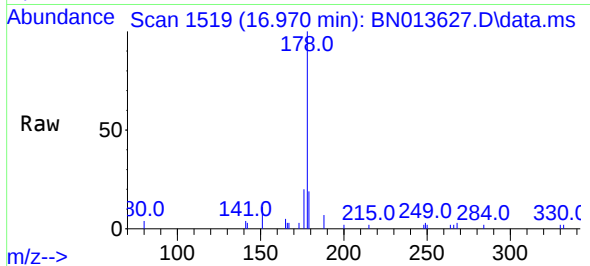
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Phenanthrene
Concen: 0.05 ng m
RT: 16.970 min Scan# 1519
Delta R.T. 0.001 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion:	178	Resp:	3631
Ion	Ratio	Lower	Upper
178	100		
176	6.2	15.0	22.4#
179	6.0	12.3	18.5#

Instrument :
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ClientSampleId :
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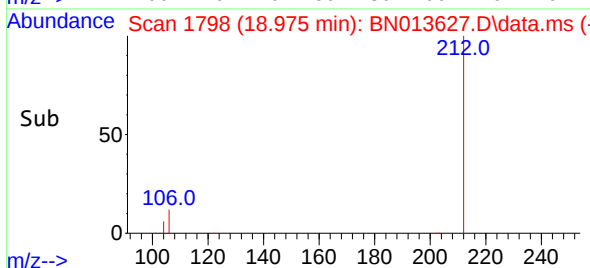
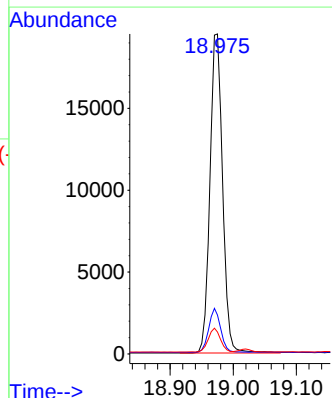
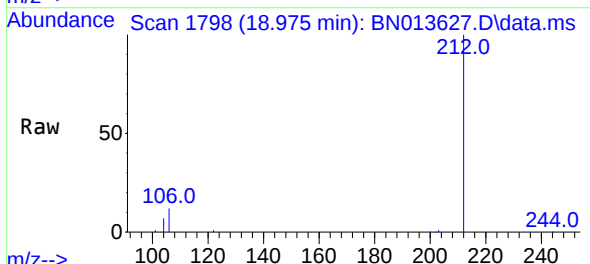
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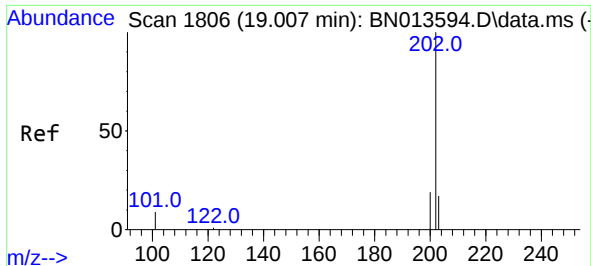
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#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion:	212	Resp:	27206
Ion	Ratio	Lower	Upper
212	100		
106	13.1	9.7	14.5
104	7.2	5.5	8.3





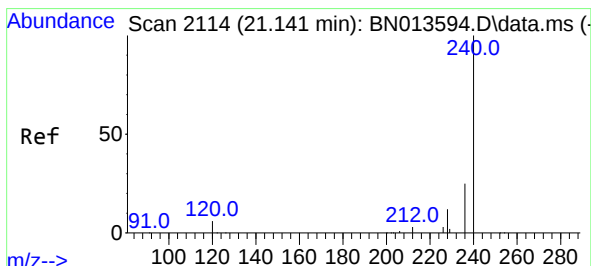
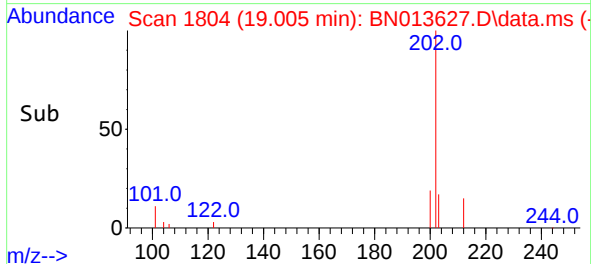
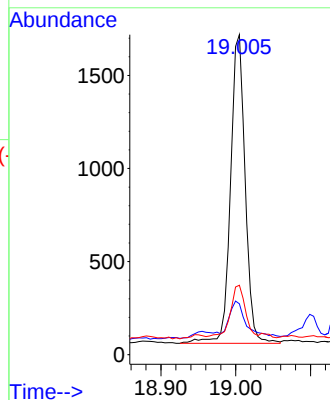
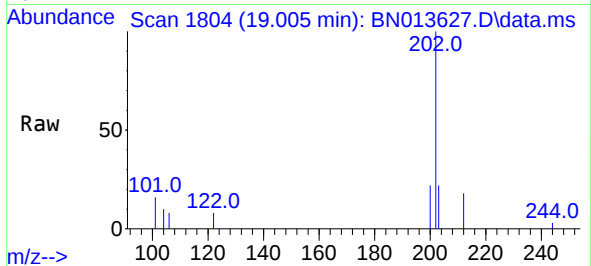
#28
Fluoranthene
Concen: 0.03 ng
RT: 19.005 min Scan# 1804
Delta R.T. -0.002 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion: 202 Resp: 2254
Ion Ratio Lower Upper
202 100
101 12.2 8.1 12.1#
203 16.2 13.9 20.9

Instrument :
BNA_N
ClientSampleId :
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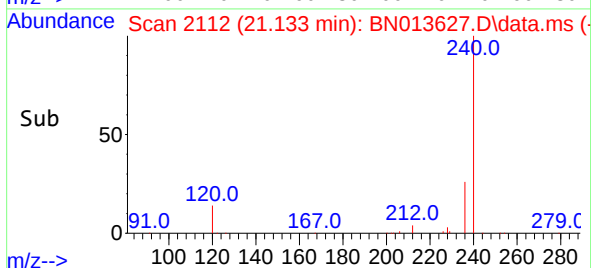
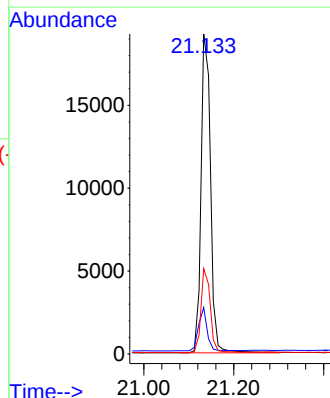
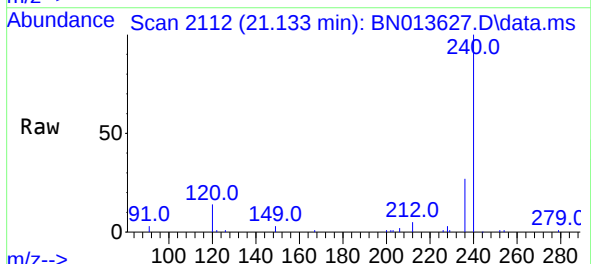
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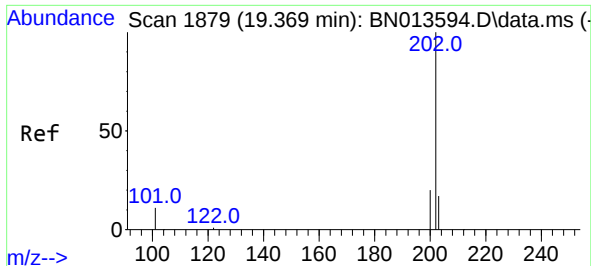
mohammad
2/16/2021 10:45:20 AM



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. -0.008 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion: 240 Resp: 28339
Ion Ratio Lower Upper
240 100
120 14.5 10.2 15.4
236 26.6 21.3 31.9





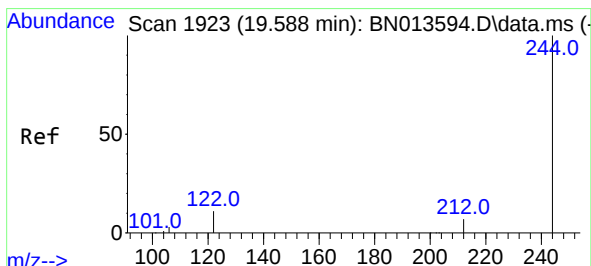
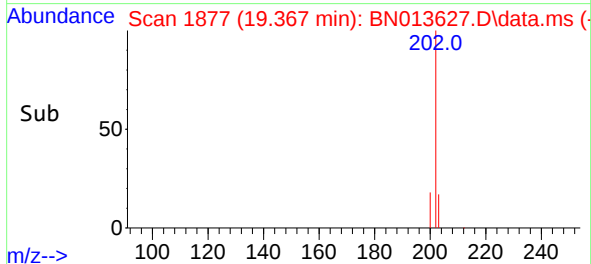
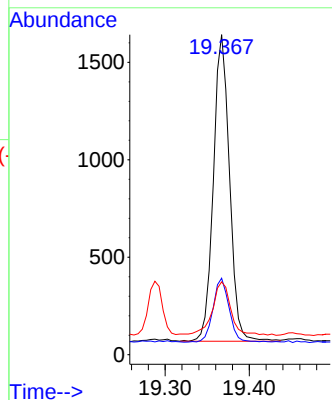
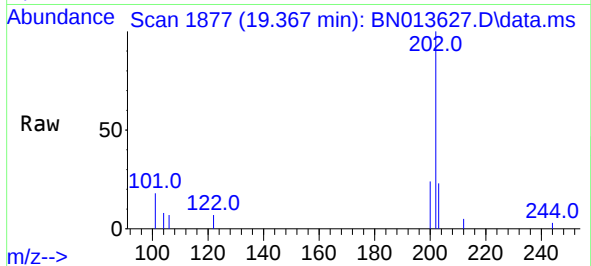
#30
Pyrene
Concen: 0.02 ng
RT: 19.367 min Scan# 1877
Delta R.T. -0.002 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion:	202	Resp:	2089
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	19.9	14.0	21.0

Instrument :
BNA_N
ClientSampleId :
GWBR2-95-103-021221

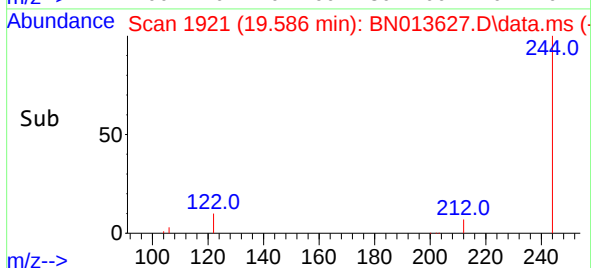
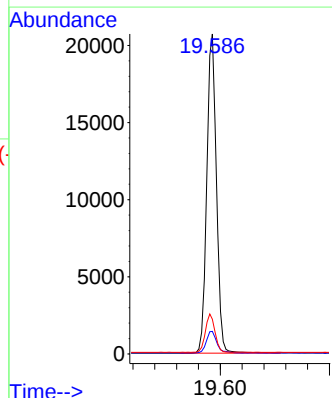
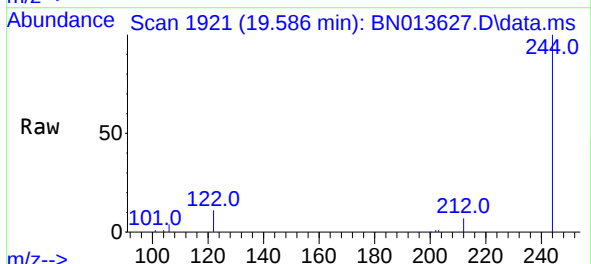
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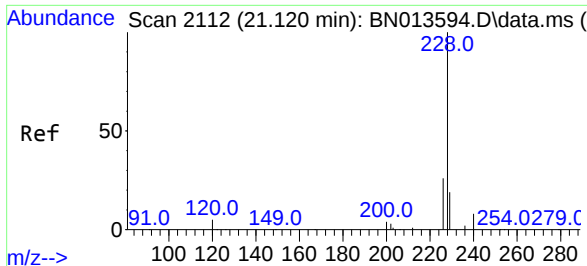
mohammad
2/16/2021 10:45:20 AM



#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.586 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

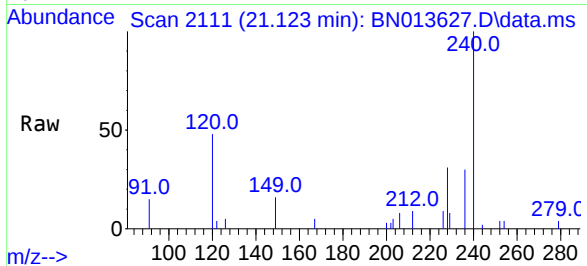
Tgt Ion:	244	Resp:	25579
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	10.8	9.8	14.8





#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.123 min Scan# 2111
Delta R.T. 0.003 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

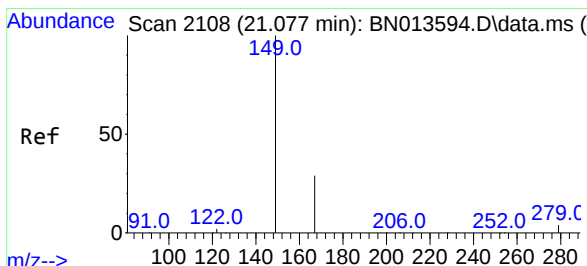
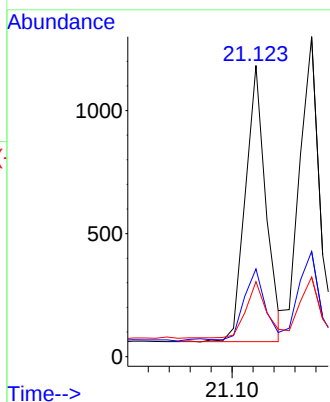
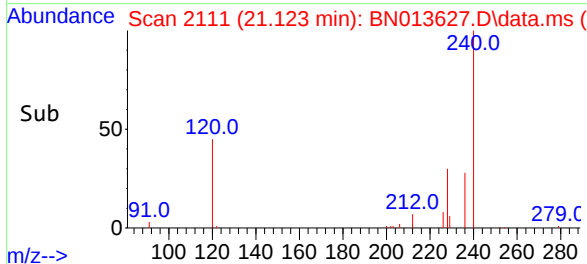
Instrument :
BNA_N
ClientSampleId :
GWBR2-95-103-021221



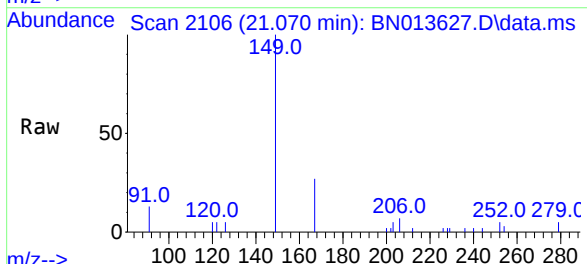
Tgt Ion:228 Resp: 1522
Ion Ratio Lower Upper
228 100
226 30.2 20.5 30.7
229 25.8 16.2 24.4#

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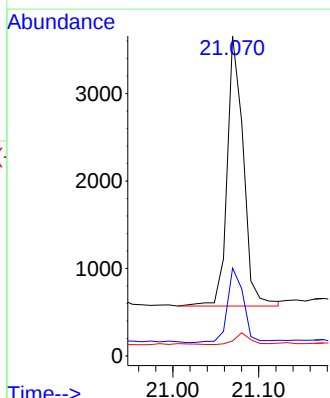
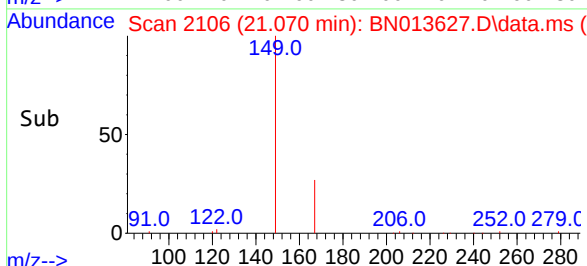
mohammad
2/16/2021 10:45:20 AM

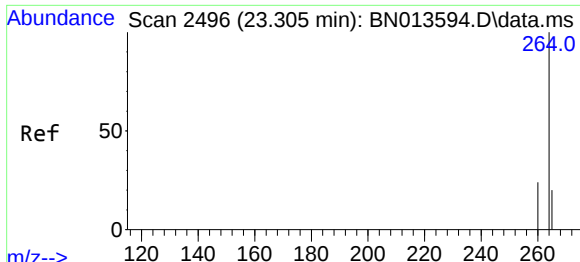


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.18 ng
RT: 21.070 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

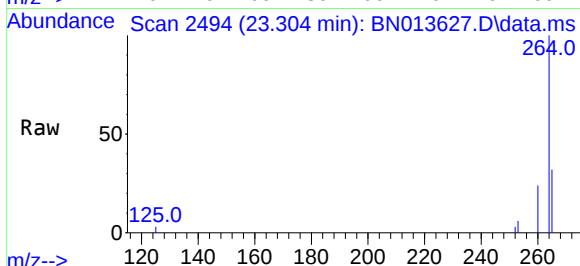


Tgt Ion:149 Resp: 4034
Ion Ratio Lower Upper
149 100
167 27.7 22.1 33.1
279 4.3 3.5 5.3



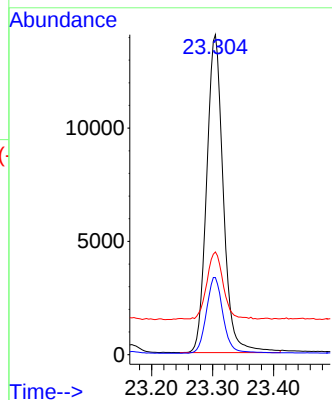
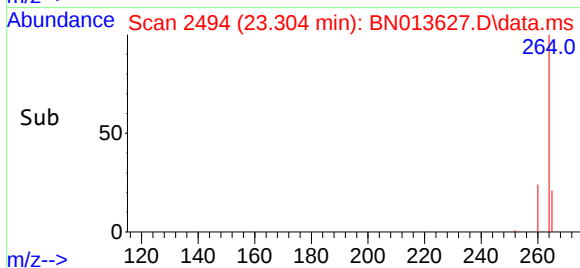


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.304 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57



Tgt Ion:264 Resp: 26637

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	32.1	66.2	99.4#



Instrument :
BNA_N
ClientSampleId :
GWBR2-95-103-021221

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mohammad
2/16/2021 10:45:20 AM