

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
 Data File : BN017668.D
 Acq On : 02 Dec 2021 03:27
 Operator : CG/JU
 Sample : M4895-09 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLAB-9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 02 03:59:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 02 01:51:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	18513	0.40	ng	0.00
7) Naphthalene-d8	10.510	136	78227	0.40	ng	# 0.00
13) Acenaphthene-d10	14.359	164	48194	0.40	ng	0.00
19) Phenanthrene-d10	17.104	188	110650	0.40	ng	# 0.00
29) Chrysene-d12	21.282	240	125385	0.40	ng	# 0.00
35) Perylene-d12	23.582	264	131873	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	13	0.00	ng	0.00
5) Phenol-d6	6.916	99	115	0.00	ng	0.00
8) Nitrobenzene-d5	8.875	82	1887	0.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	5868	0.04	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	4	0.13	ng	0.01
15) 2-Fluorobiphenyl	12.989	172	8597	0.05	ng	0.00
27) Fluoranthene-d10	19.134	212	17160	0.05	ng	0.00
31) Terphenyl-d14	19.740	244	13526	0.05	ng	0.00
Target Compounds						
						Qvalue
16) Acenaphthylene	14.080	152	14537	0.08	ng	99
25) Phenanthrene	17.141	178	173781	0.57	ng	100
26) Anthracene	17.226	178	44080	0.17	ng	98
28) Fluoranthene	19.164	202	475968	1.39	ng	# 97
30) Pyrene	19.526	202	384629	0.95	ng	98
32) Benzo(a)anthracene	21.271	228	238250	0.63	ng	96
33) Chrysene	21.325	228	202609	0.49	ng	97
34) Bis(2-ethylhexyl)phtha...	21.218	149	25798	0.29	ng	97
36) Indeno(1,2,3-cd)pyrene	25.933	276	119968	0.28	ng	# 90
37) Benzo(b)fluoranthene	22.894	252	286705	0.66	ng	98
38) Benzo(k)fluoranthene	22.932	252	106710m	0.24	ng	
39) Benzo(a)pyrene	23.479	252	182033	0.46	ng	97
40) Dibenzo(a,h)anthracene	25.947	278	25576	0.07	ng	94
41) Benzo(g,h,i)perylene	26.652	276	109403	0.30	ng	# 94

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

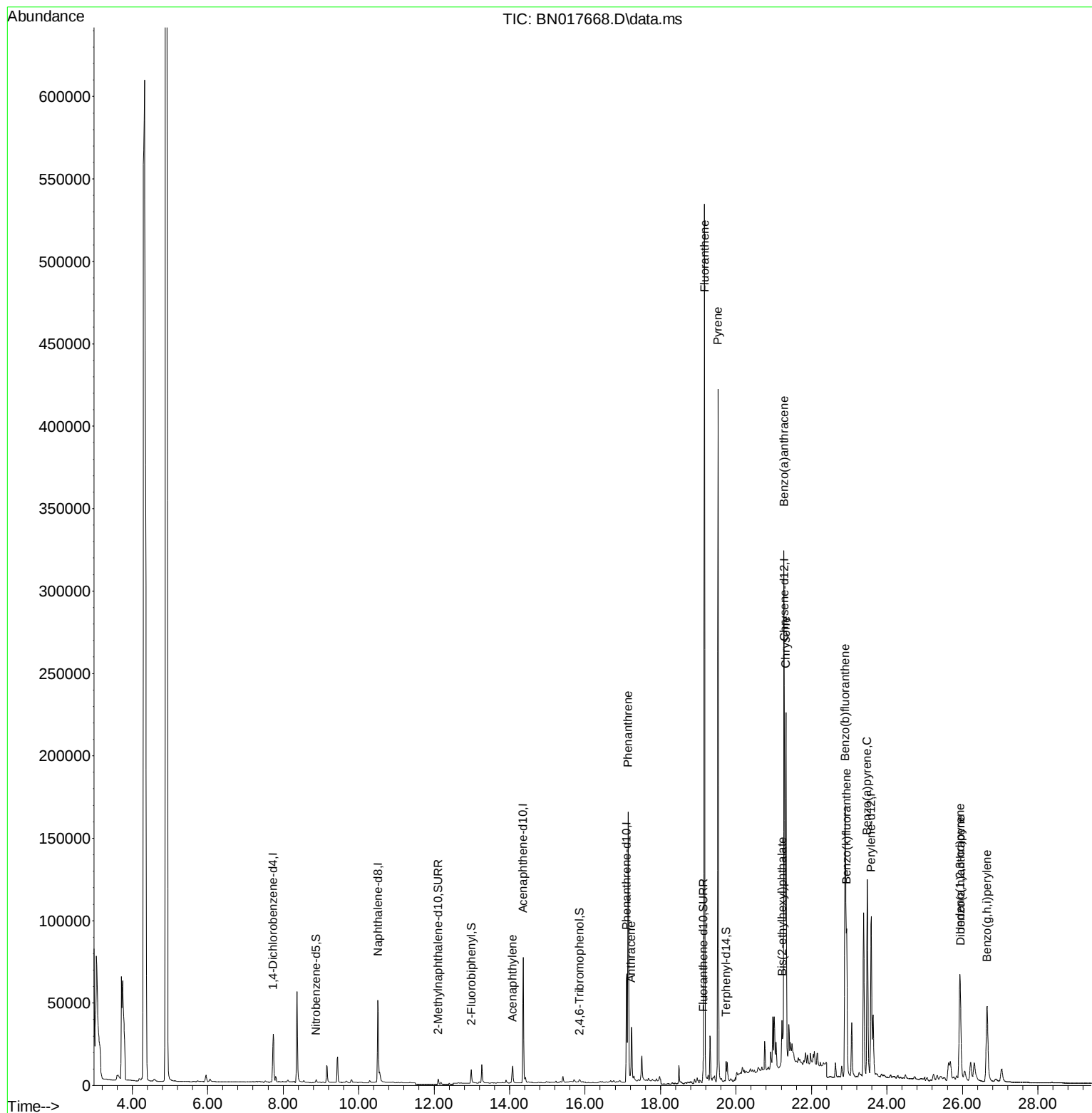
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
Data File : BN017668.D
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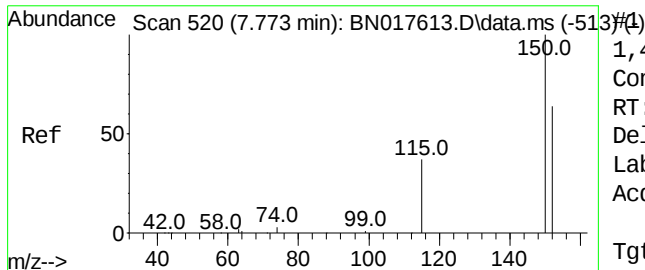
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QLast Update : Thu Dec 02 01:51:49 2021
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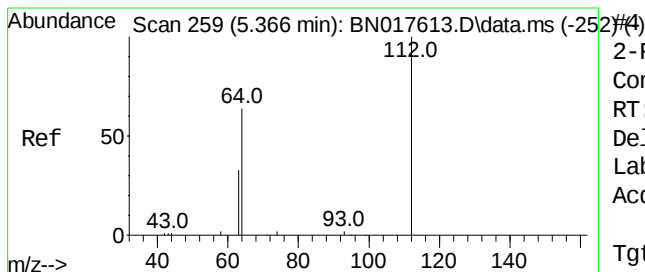
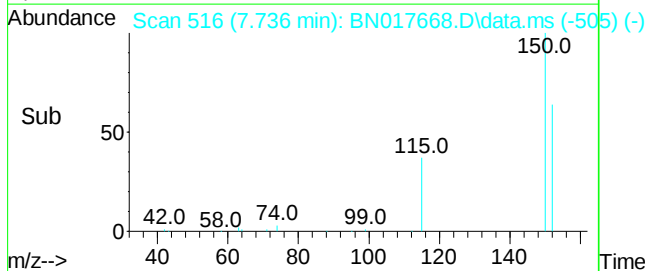
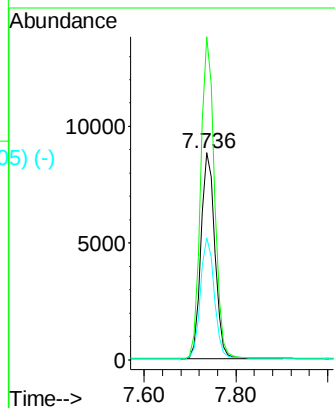
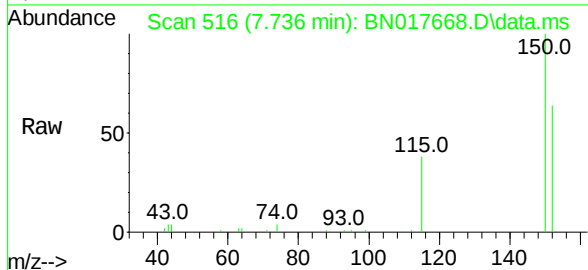
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.736 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Instrument :
BNA_N
ClientSampleId :
SLAB-9

Tgt Ion:152 Resp: 185
Ion Ratio Lower Upper
152 100
150 156.0 123.0 184.4
115 58.9 45.6 68.4

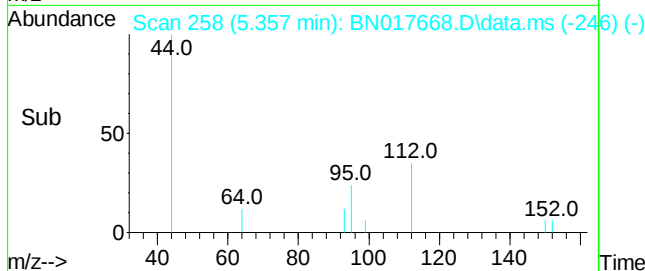
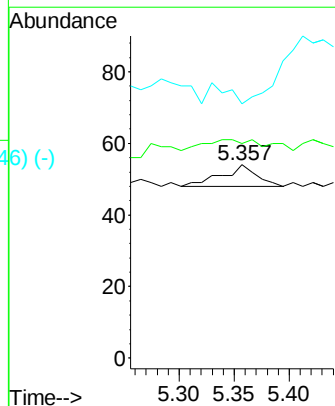
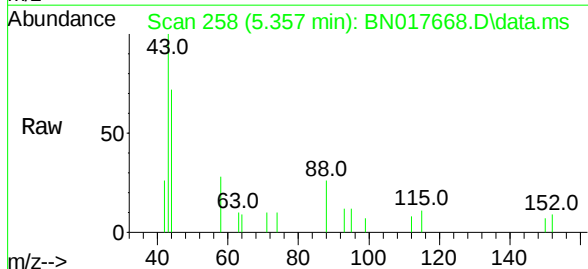
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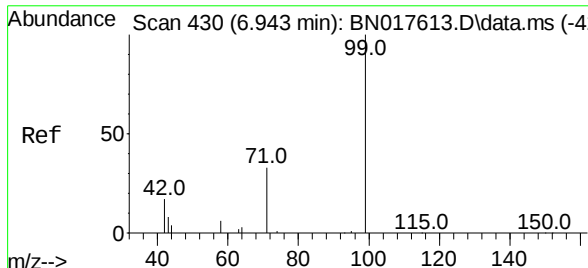
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



2-Fluorophenol
Concen: 0.00 ng
RT: 5.357 min Scan# 258
Delta R.T. 0.009 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:112 Resp: 13
Ion Ratio Lower Upper
112 100
64 0.0 47.6 71.4#
63 0.0 24.6 37.0#





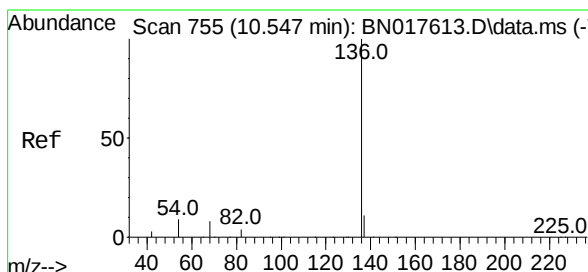
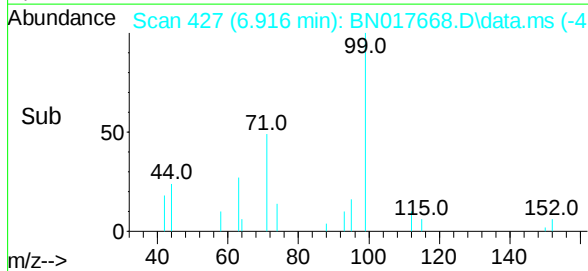
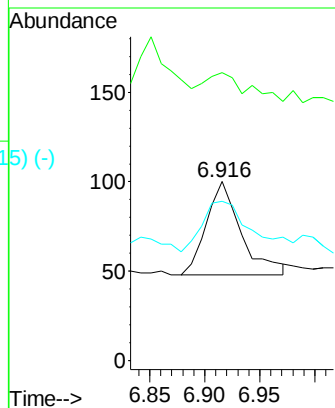
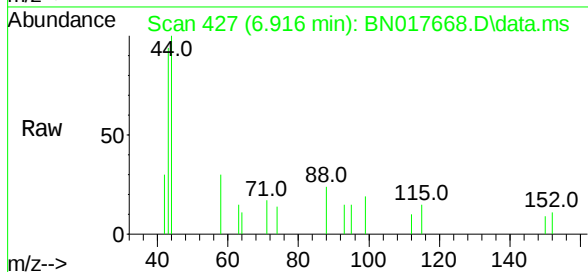
Phenol-d6
 Concen: 0.00 ng
 RT: 6.916 min Scan# 415
 Delta R.T. 0.009 min
 Lab File: BN017668.D
 Acq: 02 Dec 2021 03:27

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 ClientSampleId :
 SLAB-9

Tgt Ion: 99 Resp: 11
 Ion Ratio Lower Upper
 99 100
 42 35.7 17.0 25.6
 71 68.7 24.8 37.2

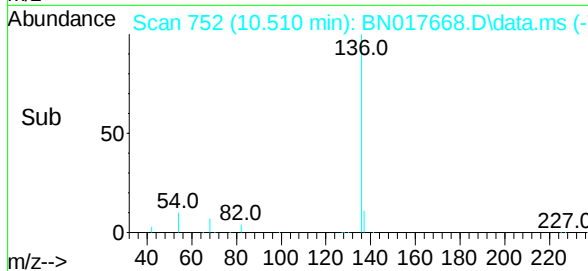
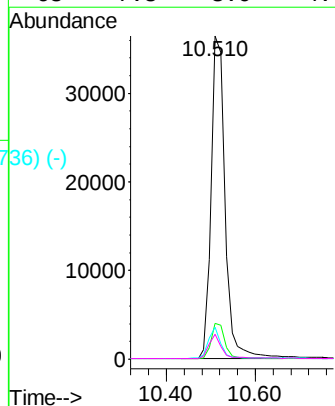
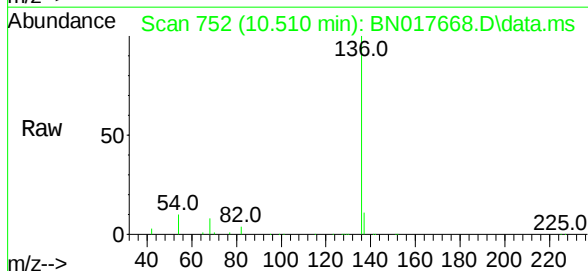
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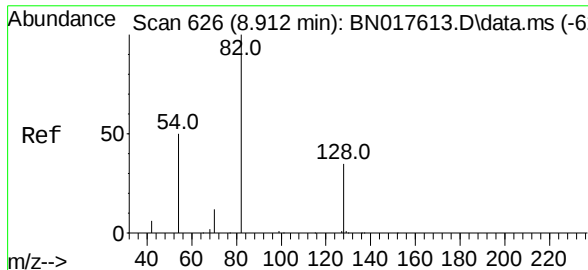
Reviewed By :Jagrut Upadhyay 12/02/2021
 Supervised By :mohammad ahmed 12/05/2021



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.510 min Scan# 752
 Delta R.T. 0.000 min
 Lab File: BN017668.D
 Acq: 02 Dec 2021 03:27

Tgt Ion:136 Resp: 78227
 Ion Ratio Lower Upper
 136 100
 137 11.1 8.8 13.2
 54 9.9 4.0 6.0#
 68 7.8 3.0 4.6#





Nitrobenzene-d5

Concen: 0.06 ng

RT: 8.875 min Scan# 626

Delta R.T. 0.000 min

Lab File: BN017668.D

Acq: 02 Dec 2021 03:27

Instrument :

BNA_N

ClientSampleId :

SLAB-9

Tgt Ion: 82 Resp: 188

Ion Ratio Lower Upper

82 100

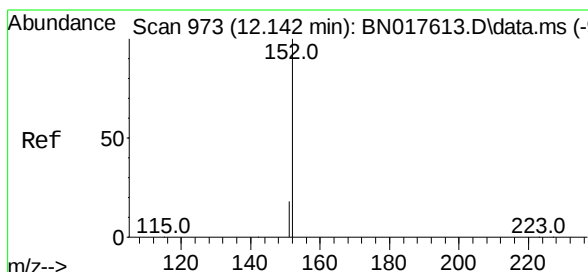
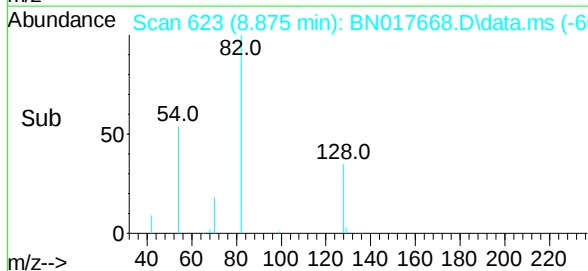
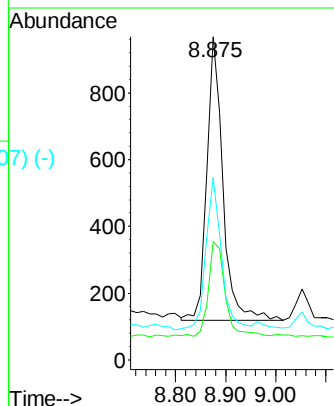
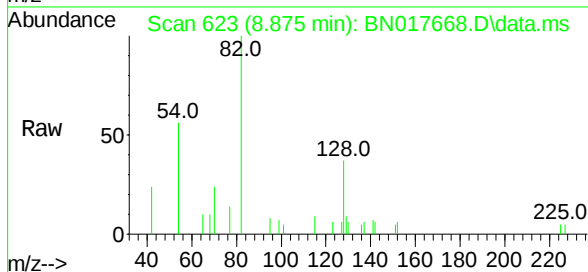
128 36.6 27.7 41.5

54 56.4 49.2 73.8

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2-Methylnaphthalene-d10

Concen: 0.04 ng

RT: 12.111 min Scan# 966

Delta R.T. 0.005 min

Lab File: BN017668.D

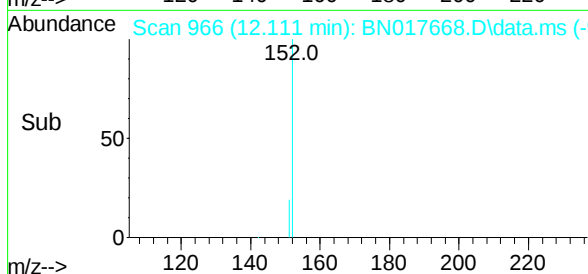
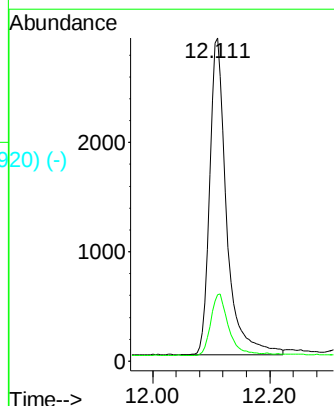
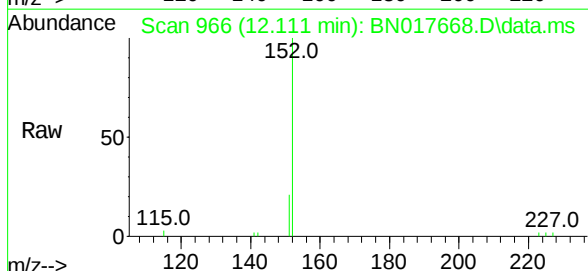
Acq: 02 Dec 2021 03:27

Tgt Ion:152 Resp: 5868

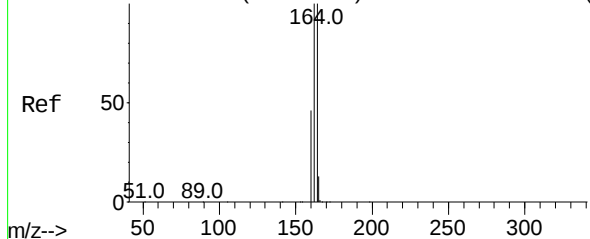
Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4



Abundance Scan 1203 (14.384 min): BN017613.D\data.ms (-1198) (-)



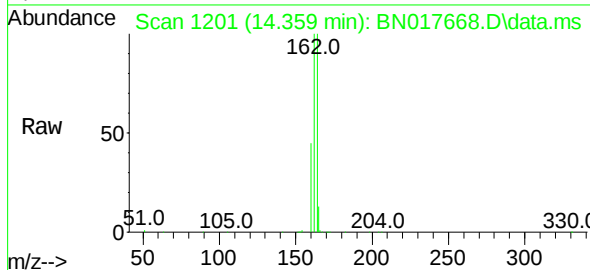
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Instrument :
BNA_N
ClientSampleId :
SLAB-9

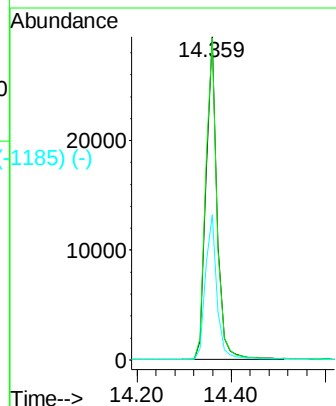
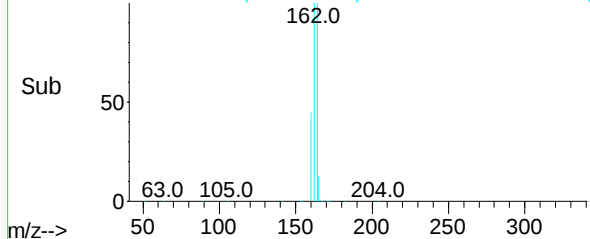
Tgt Ion:164 Resp: 4819
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.2
160 44.8 36.8 55.2

Manual Integrations
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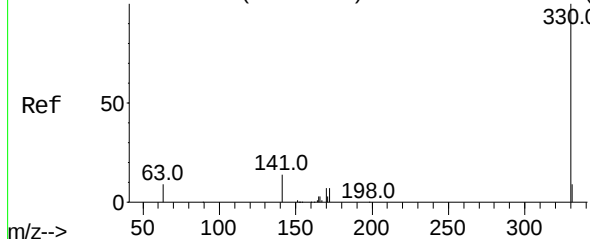
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Abundance Scan 1201 (14.359 min): BN017668.D\data.ms (-1185) (-)

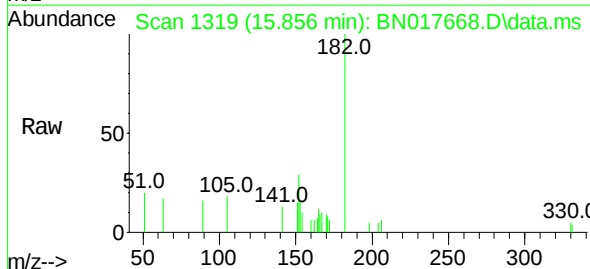


Abundance Scan 1321 (15.881 min): BN017613.D\data.ms (-1314) (-)

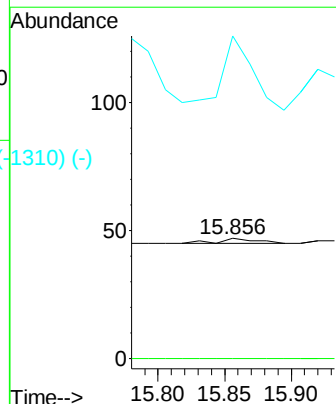
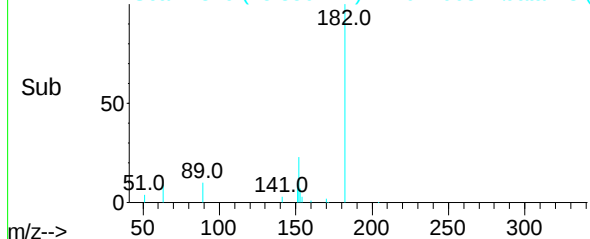


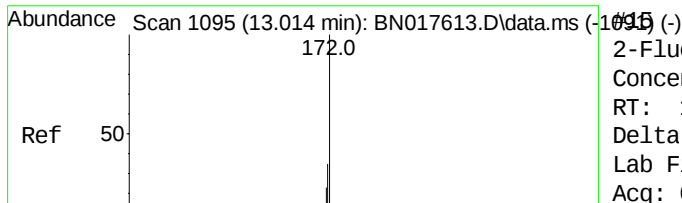
2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 15.856 min Scan# 1319
Delta R.T. 0.013 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:330 Resp: 4
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 1150.0 28.9 43.3#



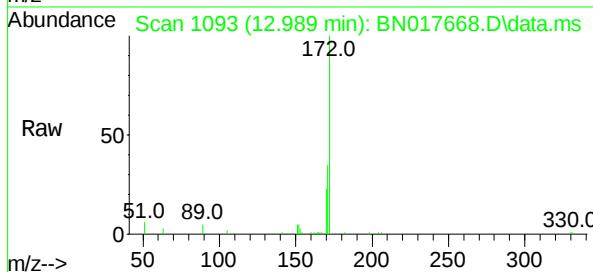
Abundance Scan 1319 (15.856 min): BN017668.D\data.ms (-1310) (-)





2-Fluorobiphenyl
Concen: 0.05 ng
RT: 12.989 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BN017668.D
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BNA_N
ClientSampleId :
SLAB-9

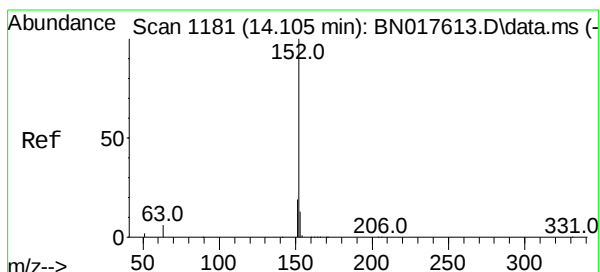
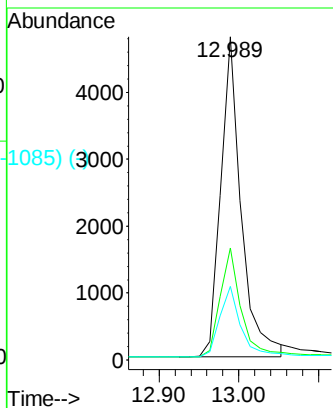
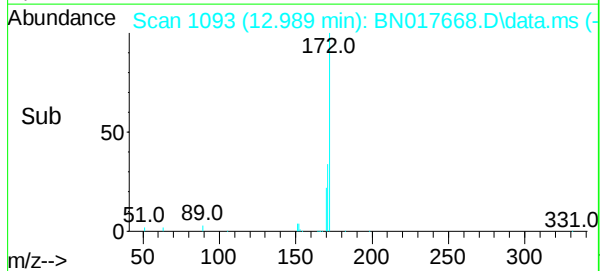


Tgt Ion:172 Resp: 859

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.7	43.3
170	22.8	19.4	29.2

Manual Integrations
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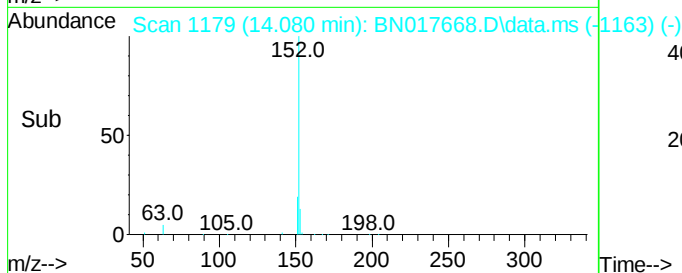
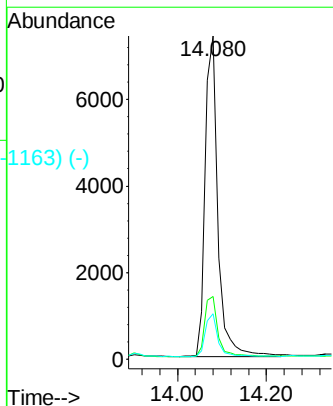
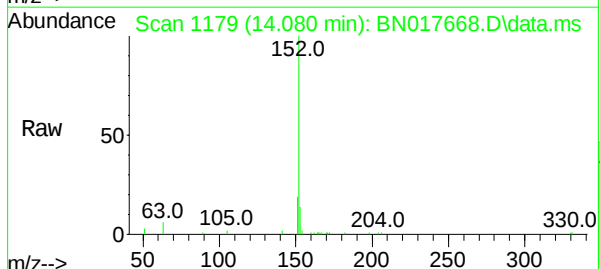
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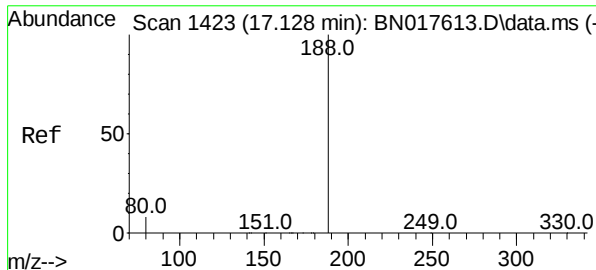


Acenaphthylene
Concen: 0.08 ng
RT: 14.080 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:152 Resp: 14537

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	13.3	10.4	15.6





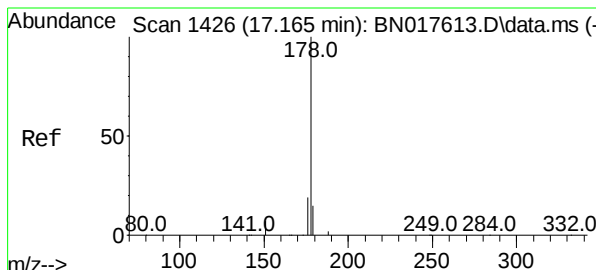
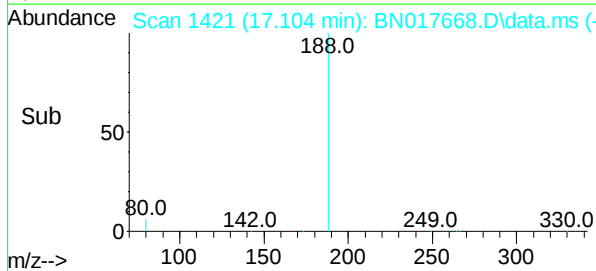
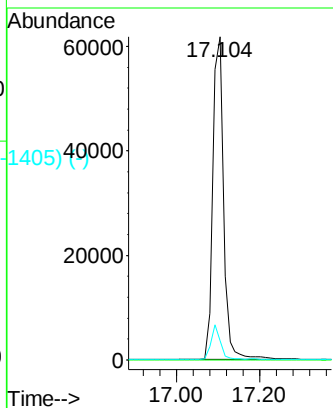
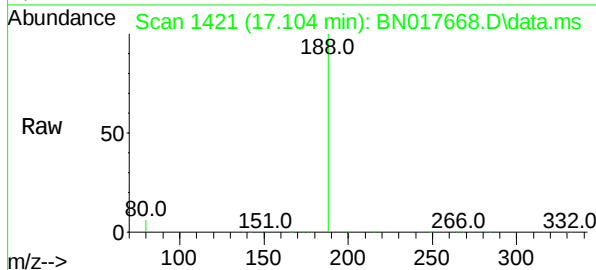
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.104 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

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SLAB-9

Tgt Ion:	188	Resp:	11068
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	6.1	9.1

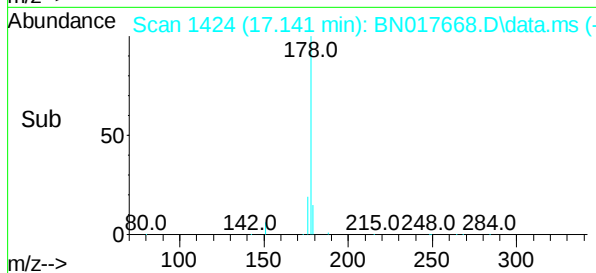
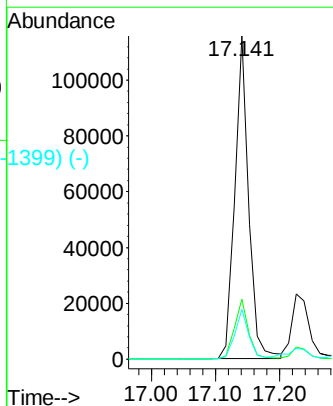
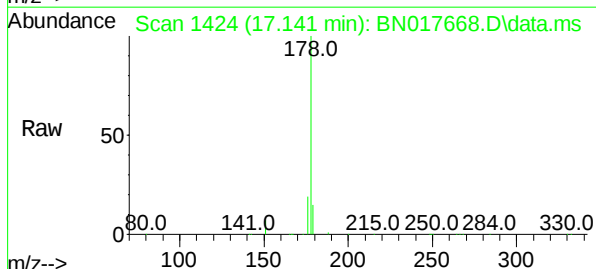
Manual Integrations
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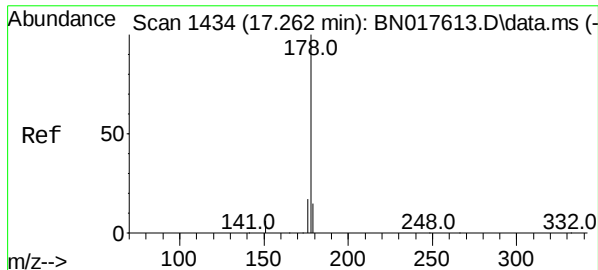
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



Phenanthrene
Concen: 0.57 ng
RT: 17.141 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

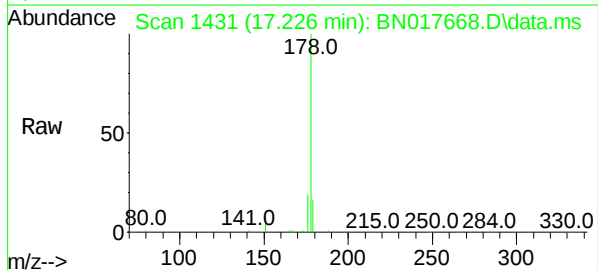
Tgt Ion:	178	Resp:	173781
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.2	12.3	18.5





Anthracene
Concen: 0.17 ng
RT: 17.226 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

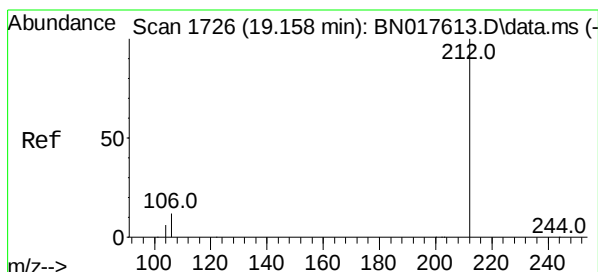
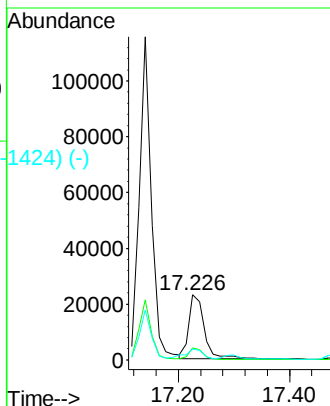
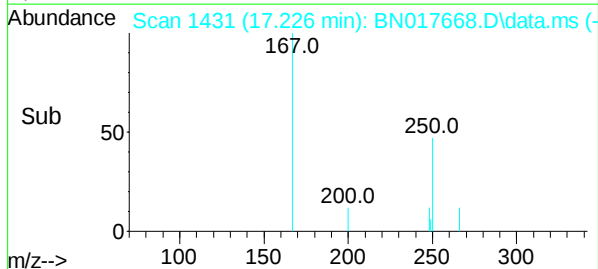
Instrument :
BNA_N
ClientSampleId :
SLAB-9



Tgt Ion:178 Resp: 4408
Ion Ratio Lower Upper
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176 17.8 14.6 22.0
179 16.2 12.2 18.4

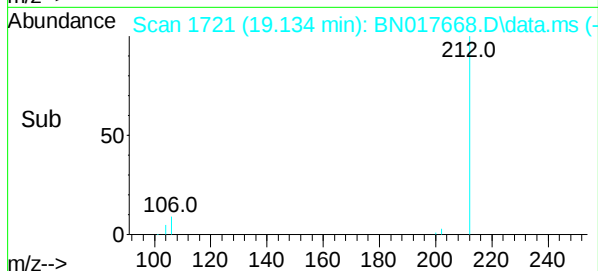
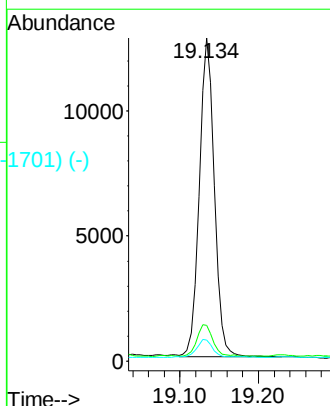
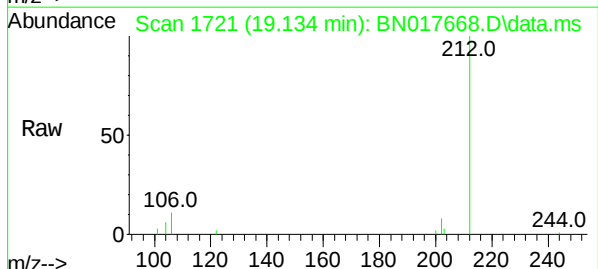
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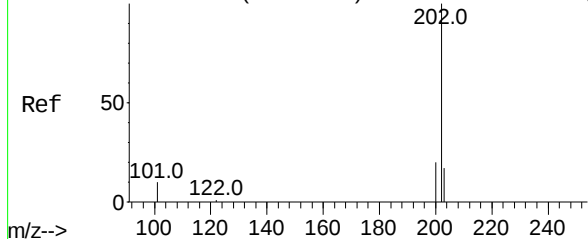


Fluoranthene-d10
Concen: 0.05 ng
RT: 19.134 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:212 Resp: 17160
Ion Ratio Lower Upper
212 100
106 10.6 10.5 15.7
104 6.3 5.8 8.6



Abundance Scan 1732 (19.188 min): BN017613.D\data.ms (-1728) (-)



Fluoranthene

Concen: 1.39 ng

RT: 19.164 min Scan# 1728

Delta R.T. 0.000 min

Lab File: BN017668.D

Acq: 02 Dec 2021 03:27

Instrument :

BNA_N

ClientSampleId :

SLAB-9

Tgt Ion:202 Resp: 47596

Ion Ratio Lower Upper

202 100

101 8.7 8.9 13.3

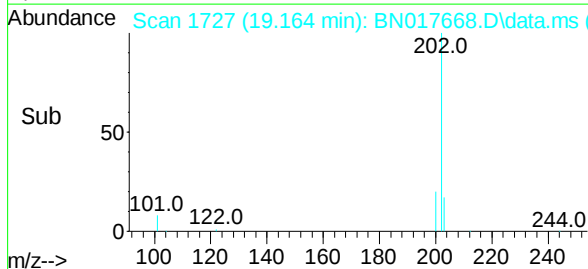
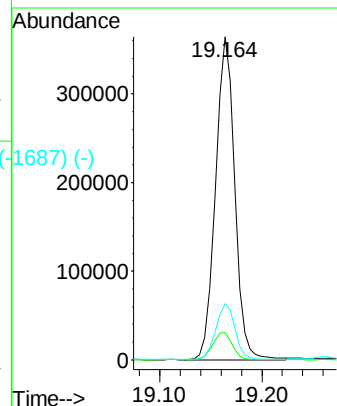
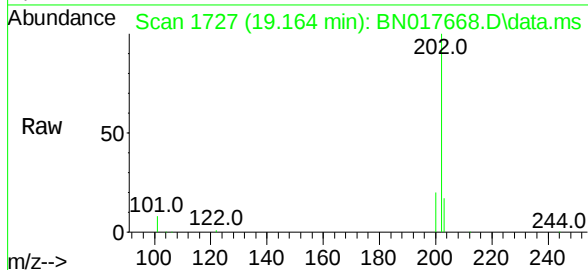
203 17.4 13.8 20.6

Manual Integrations

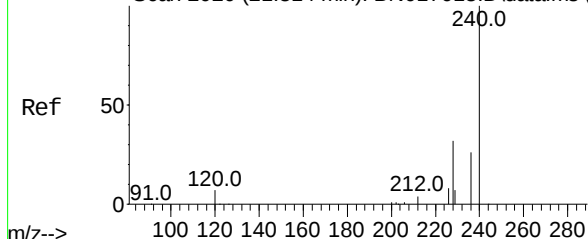
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Abundance Scan 2020 (21.314 min): BN017613.D\data.ms (-2029) (-)



Chrysene-d12

Concen: 0.40 ng

RT: 21.282 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BN017668.D

Acq: 02 Dec 2021 03:27

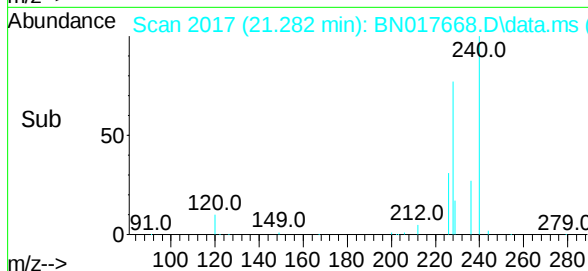
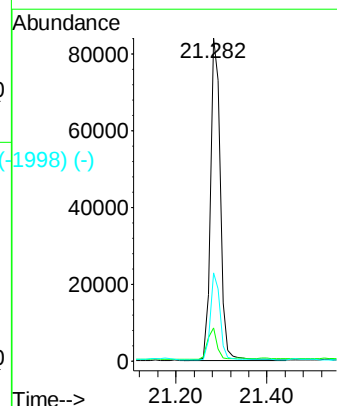
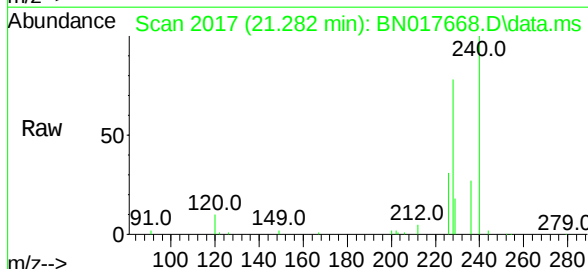
Tgt Ion:240 Resp: 125385

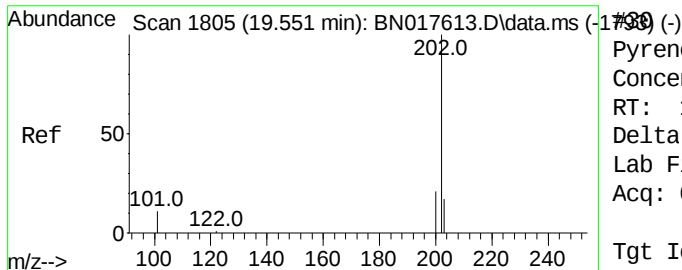
Ion Ratio Lower Upper

240 100

120 10.4 4.2 6.2#

236 27.2 20.0 30.0





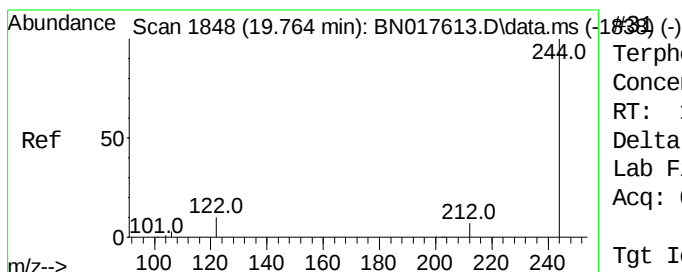
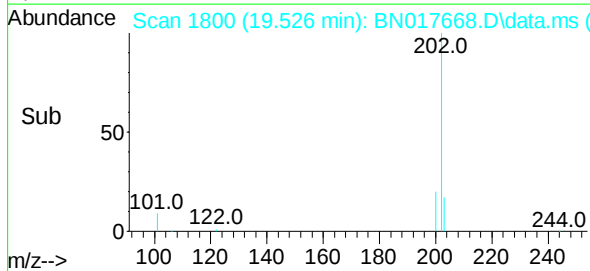
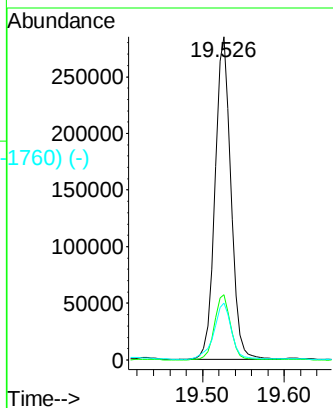
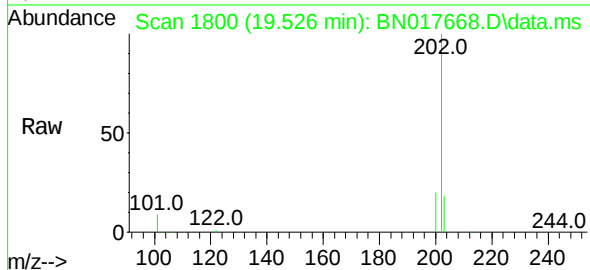
Pyrene
Concen: 0.95 ng
RT: 19.526 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Instrument :
BNA_N
ClientSampleId :
SLAB-9

Tgt Ion:202 Resp: 38462
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 19.3 14.0 21.0

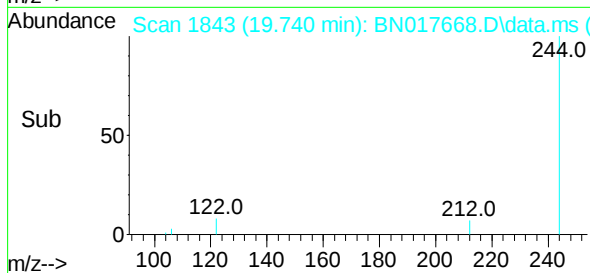
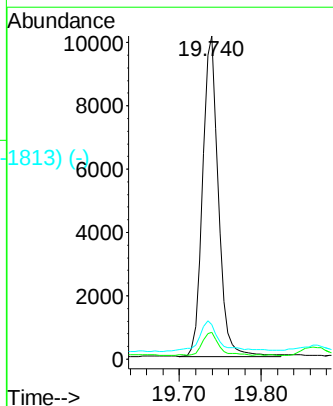
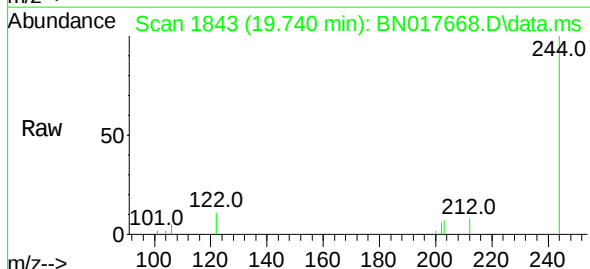
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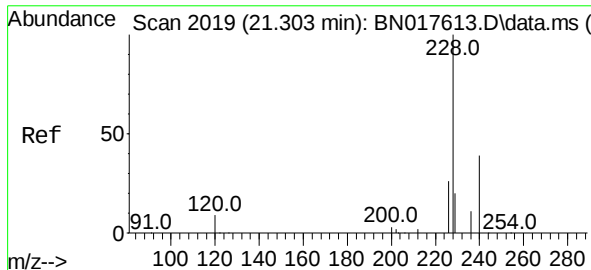
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Terphenyl-d14
Concen: 0.05 ng
RT: 19.740 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:244 Resp: 13526
Ion Ratio Lower Upper
244 100
212 8.3 5.7 8.5
122 10.7 8.6 13.0





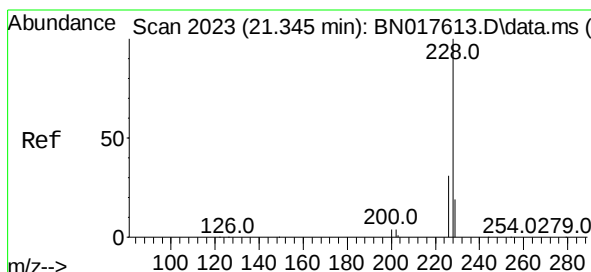
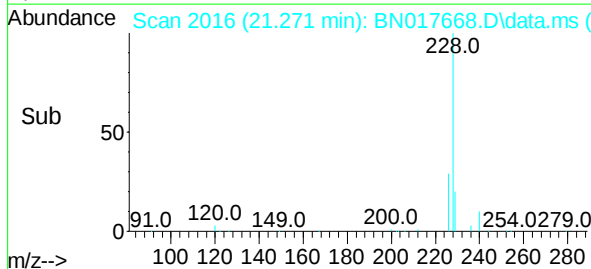
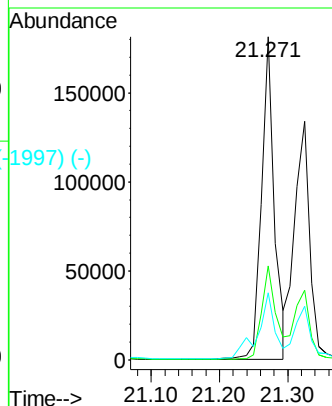
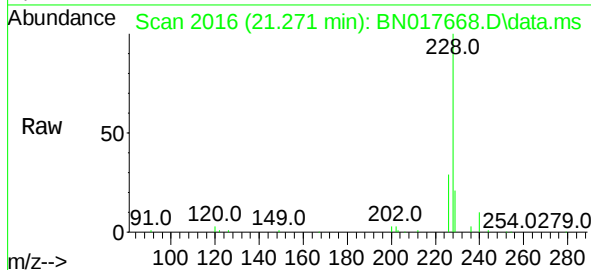
Scan 2019 (21.303 min): BN017613.D\data.ms (-2032) (-)
 Benzo(a)anthracene
 Concen: 0.63 ng
 RT: 21.271 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: BN017668.D
 Acq: 02 Dec 2021 03:27

Instrument :
 BNA_N
 ClientSampleId :
 SLAB-9

Tgt Ion:	228	Resp:	23825
Ion Ratio	Lower	Upper	
228	100		
226	29.0	21.3	31.9
229	20.7	15.7	23.9

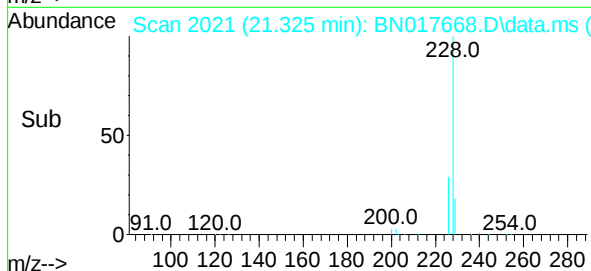
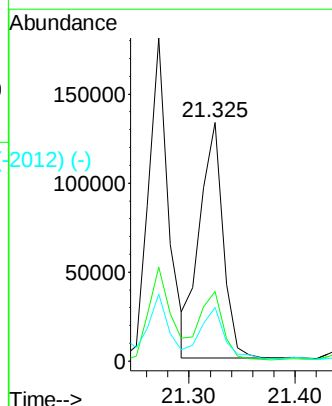
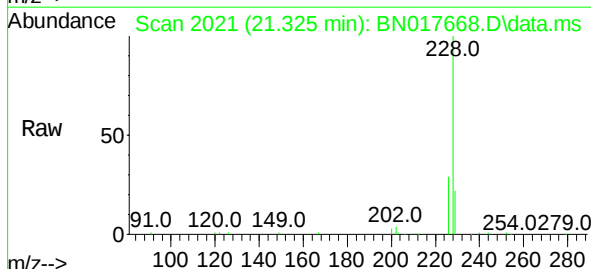
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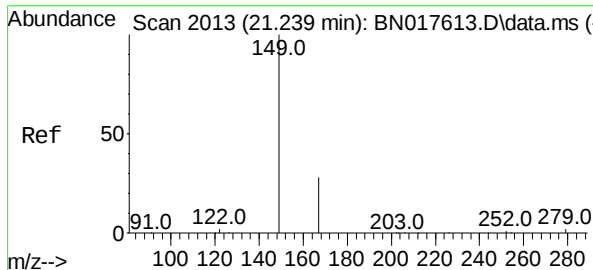
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Scan 2023 (21.345 min): BN017613.D\data.ms (-2023) (-)
 Chrysene
 Concen: 0.49 ng
 RT: 21.325 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: BN017668.D
 Acq: 02 Dec 2021 03:27

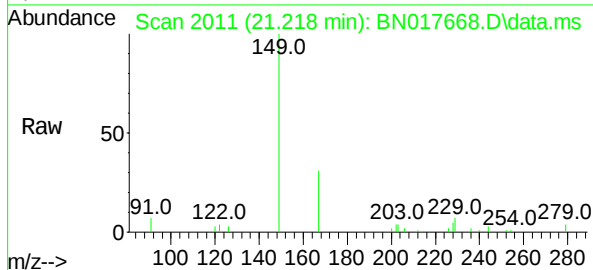
Tgt Ion:	228	Resp:	202609
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.3	34.9
229	22.5	15.6	23.4





Scan 2013 (21.239 min): BN017613.D\data.ms (-2002) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 0.29 ng
 RT: 21.218 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: BN017668.D
 Acq: 02 Dec 2021 03:27

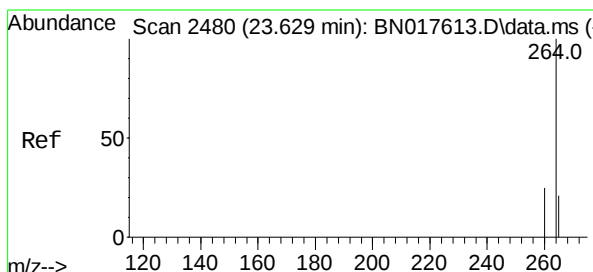
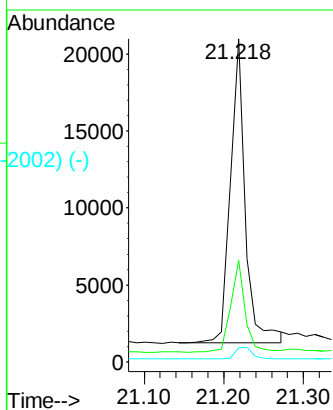
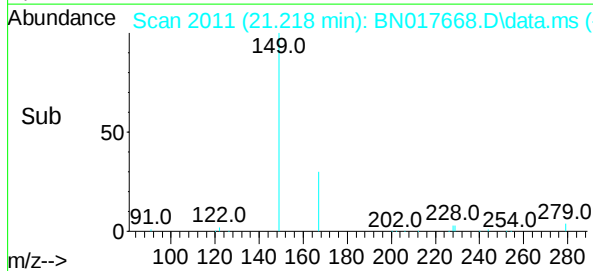
Instrument :
 BNA_N
 ClientSampleId :
 SLAB-9



Tgt Ion: 149 Resp: 2579
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.8 32.6
 279 4.8 3.4 5.0

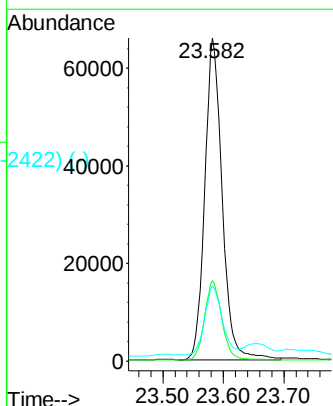
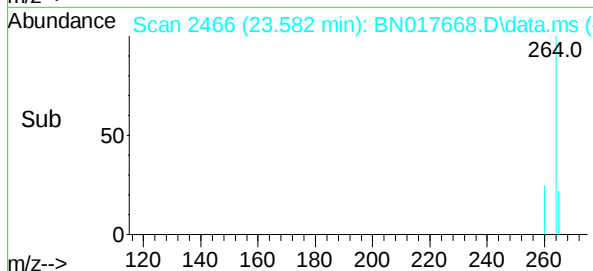
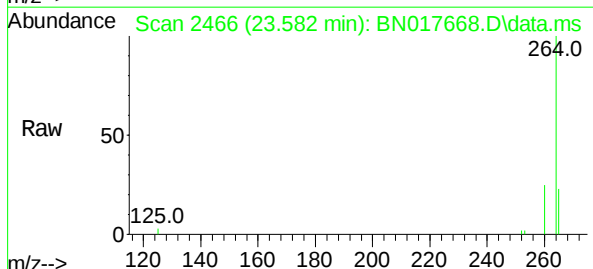
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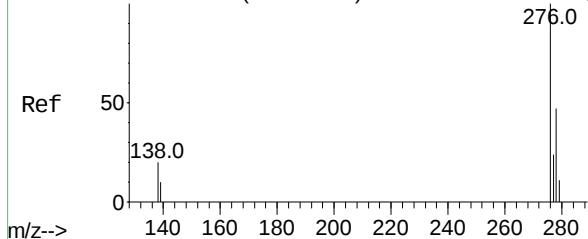


Scan 2480 (23.629 min): BN017613.D\data.ms (-2435) (-)
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.582 min Scan# 2466
 Delta R.T. 0.000 min
 Lab File: BN017668.D
 Acq: 02 Dec 2021 03:27

Tgt Ion: 264 Resp: 131873
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 23.4 18.6 28.0



Abundance Scan 3173 (26.001 min): BN017613.D\data.ms (-3136) (-)



Indeno(1,2,3-cd)pyrene
Concen: 0.28 ng
RT: 25.933 min Scan# 3153
Delta R.T. -0.007 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Instrument :

BNA_N

ClientSampleId :

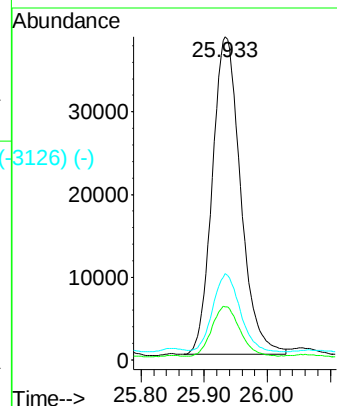
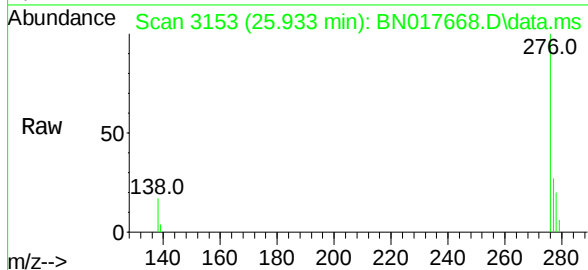
SLAB-9

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	19.7	29.5
277	23.6	20.0	30.0

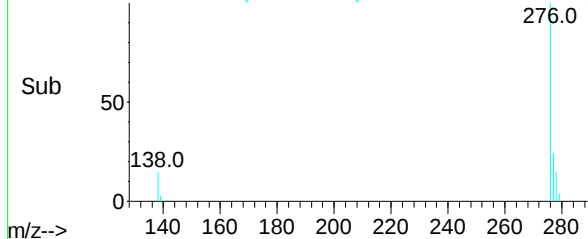
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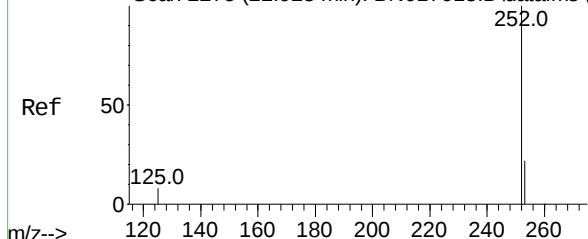
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Abundance Scan 3153 (25.933 min): BN017668.D\data.ms (-3126) (-)

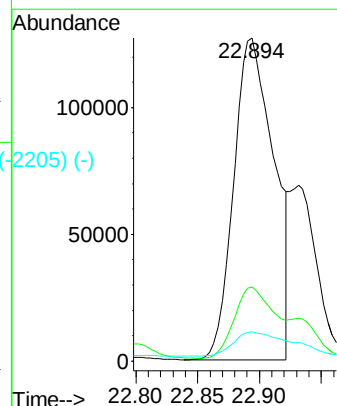
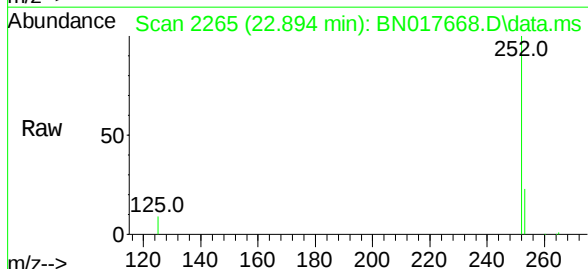


Abundance Scan 2275 (22.928 min): BN017613.D\data.ms (-2267) (-)

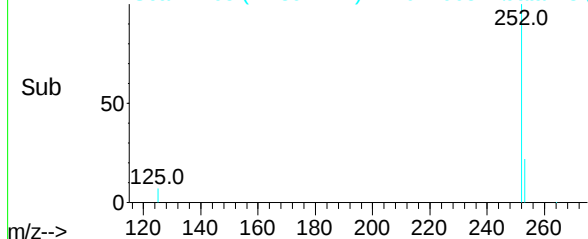


Benzo(b)fluoranthene
Concen: 0.66 ng
RT: 22.894 min Scan# 2265
Delta R.T. 0.007 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

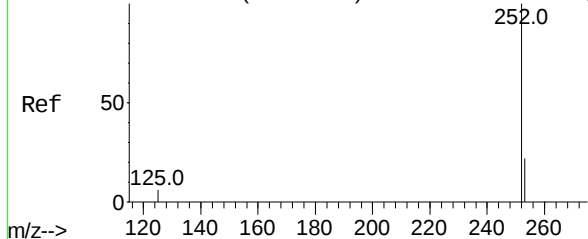
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	9.0	7.8	11.8



Abundance Scan 2265 (22.894 min): BN017668.D\data.ms (-2205) (-)



Abundance Scan 2289 (22.976 min): BN017613.D\data.ms (-2289) (-)



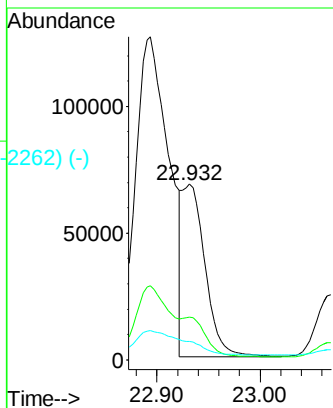
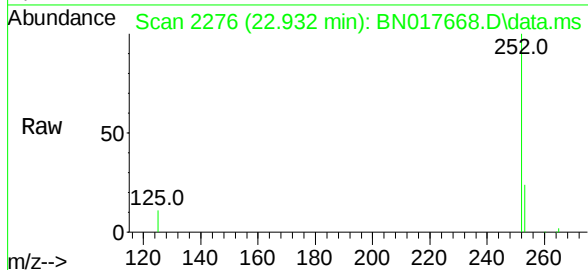
Benzo(k)fluoranthene
Concen: 0.24 ng m
RT: 22.932 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Instrument :
BNA_N
ClientSampleId :
SLAB-9

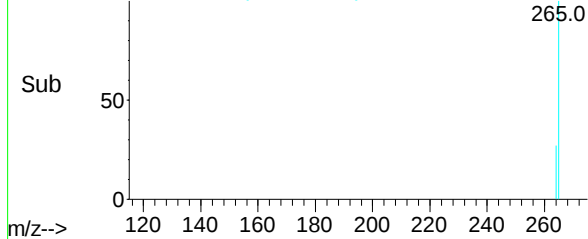
Tgt Ion:252 Resp: 1067
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 10.6 8.2 12.2

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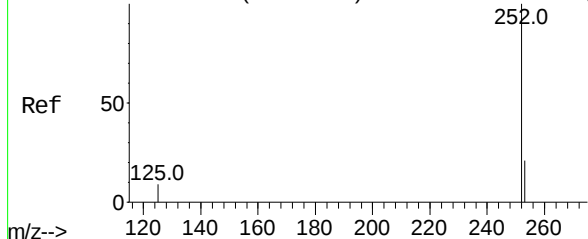
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Abundance Scan 2276 (22.932 min): BN017668.D\data.ms (-2262) (-)

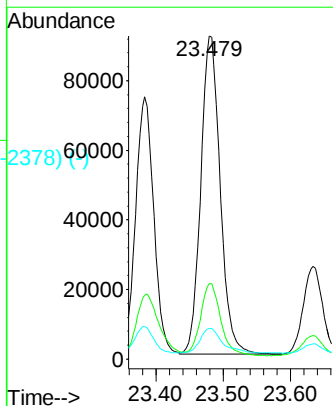
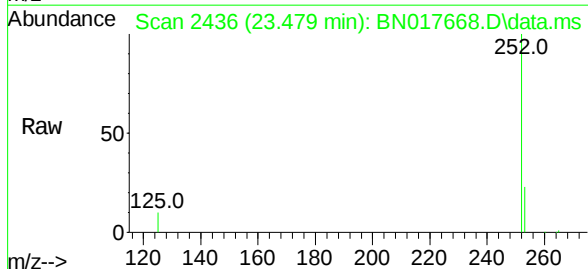


Abundance Scan 2450 (23.527 min): BN017613.D\data.ms (-2439) (-)

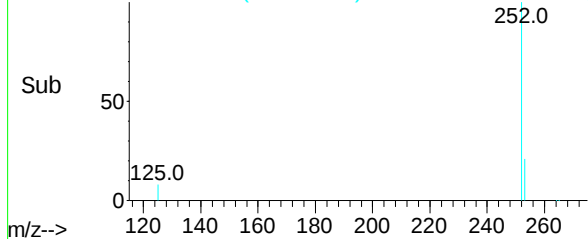


Benzo(a)pyrene
Concen: 0.46 ng
RT: 23.479 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:252 Resp: 182033
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 9.6 9.2 13.8



Abundance Scan 2436 (23.479 min): BN017668.D\data.ms (-2378) (-)



Abundance Scan 3179 (26.022 min): BN017613.D\data.ms (-3159) (-)

Dibenzo(a,h)anthracene

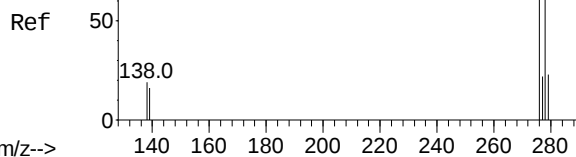
Concen: 0.07 ng

RT: 25.947 min Scan# 3159

Delta R.T. -0.007 min

Lab File: BN017668.D

Acq: 02 Dec 2021 03:27



Tgt Ion:	278	Resp:	255
Ion Ratio	Lower	Upper	
278	100		
139	19.2	13.0	19.6
279	27.0	19.2	28.8

Instrument :

BNA_N

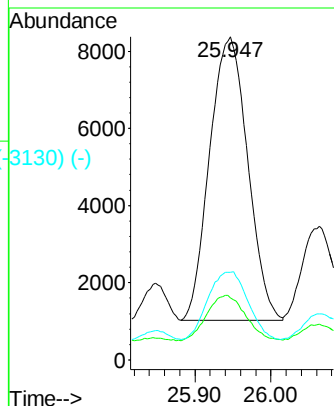
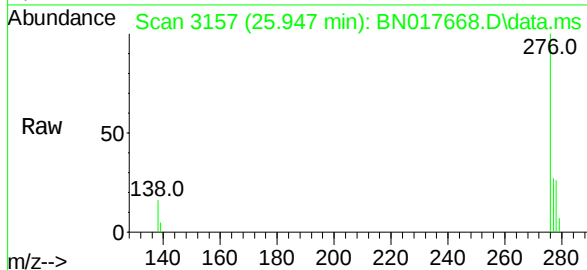
ClientSampleId :

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Abundance Scan 3157 (25.947 min): BN017668.D\data.ms (-3130) (-)

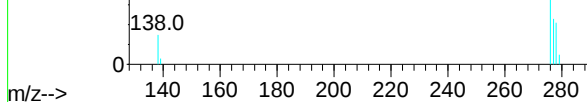
276.0

138.0

50

0

m/z-->



Abundance Scan 3385 (26.727 min): BN017613.D\data.ms (-3363) (-)

Benzo(g,h,i)perylene

Concen: 0.30 ng

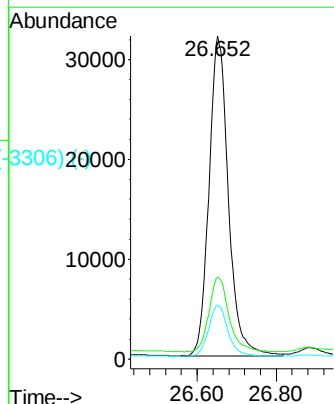
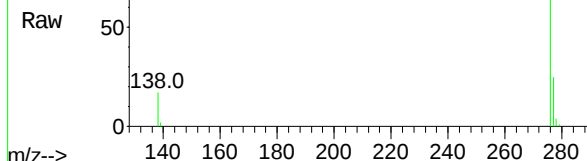
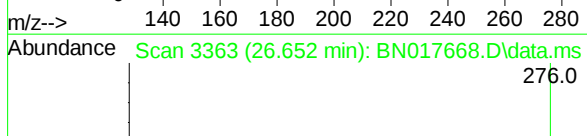
RT: 26.652 min Scan# 3363

Delta R.T. -0.003 min

Lab File: BN017668.D

Acq: 02 Dec 2021 03:27

Tgt Ion:	276	Resp:	109403
Ion Ratio	Lower	Upper	
276	100		
277	25.4	19.0	28.4
138	16.8	17.1	25.7#



Abundance Scan 3363 (26.652 min): BN017668.D\data.ms (-3306) (-)

276.0

138.0

50

0

m/z-->

