

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
 Data File : BN033611.D
 Acq On : 24 Aug 2024 04:44
 Operator : MA/JU
 Sample : P3663-02DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 920-J-SD-0.5-1-081624DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/26/2024
 Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 24 06:04:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 00:22:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							08/26/2024 Supervised By :mohammad ahmed
1) 1,4-Dichlorobenzene-d4	7.545	152	8839	0.400	ng	0.00	
7) Naphthalene-d8	10.304	136	23316	0.400	ng	# 0.00	
13) Acenaphthene-d10	14.178	164	11775	0.400	ng	0.00	
19) Phenanthrene-d10	16.929	188	23897	0.400	ng	0.00	
29) Chrysene-d12	21.139	240	20566	0.400	ng	# 0.00	
35) Perylene-d12	23.300	264	23294	0.400	ng	0.00	08/29/2024
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	1042	0.037	ng	0.00	
5) Phenol-d6	6.736	99	1264	0.038	ng	0.00	
8) Nitrobenzene-d5	8.681	82	766	0.040	ng	0.00	
11) 2-Methylnaphthalene-d10	11.900	152	1092	0.033	ng	0.00	
14) 2,4,6-Tribromophenol	15.676	330	253	0.040	ng	0.00	
15) 2-Fluorobiphenyl	12.799	172	1415	0.029	ng	0.00	
27) Fluoranthene-d10	18.970	212	1468	0.026	ng	0.00	
31) Terphenyl-d14	19.583	244	873	0.019	ng	0.00	
Target Compounds							Qvalue
16) Acenaphthylene	13.900	152	1120	0.022	ng		96
17) Acenaphthene	14.242	154	1096	0.030	ng		98
18) Fluorene	15.236	166	1702	0.037	ng	#	99
25) Phenanthrene	16.967	178	35774	0.538	ng		100
26) Anthracene	17.066	178	7186	0.122	ng		98
28) Fluoranthene	18.998	202	125826	1.713	ng		100
30) Pyrene	19.365	202	105000	1.144	ng	#	94
32) Benzo(a)anthracene	21.121	228	60316	0.811	ng		98
33) Chrysene	21.175	228	61941	0.838	ng		97
34) Bis(2-ethylhexyl)phtha...	21.077	149	12038m	0.256	ng		
36) Indeno(1,2,3-cd)pyrene	25.449	276	39371	0.407	ng		94
37) Benzo(b)fluoranthene	22.660	252	87912	1.011	ng		98
38) Benzo(k)fluoranthene	22.698	252	28859m	0.337	ng		
39) Benzo(a)pyrene	23.206	252	59278m	0.824	ng		
40) Dibenzo(a,h)anthracene	25.455	278	9388	0.121	ng	#	79
41) Benzo(g,h,i)perylene	26.101	276	37590	0.455	ng		99

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

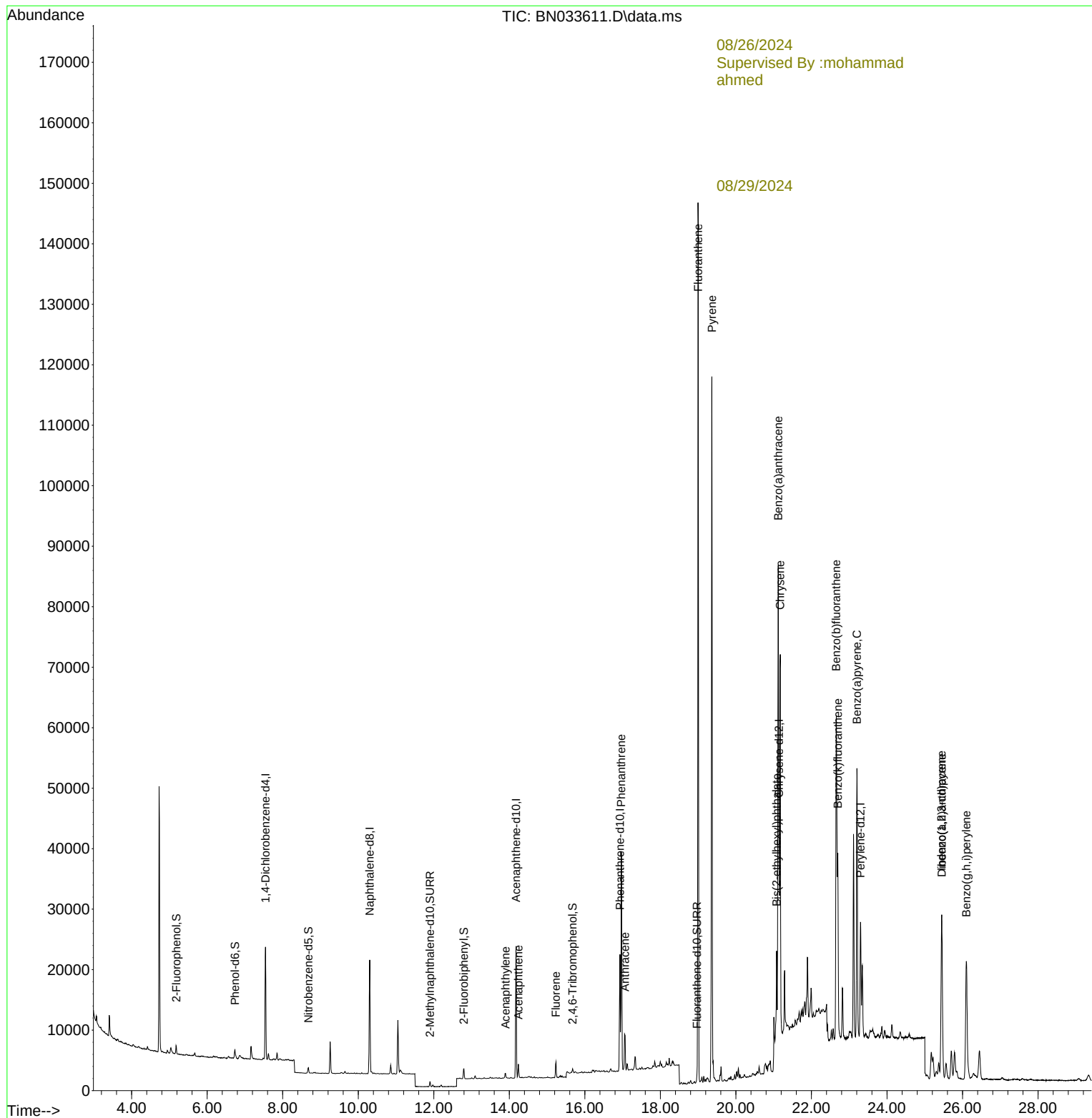
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033611.D
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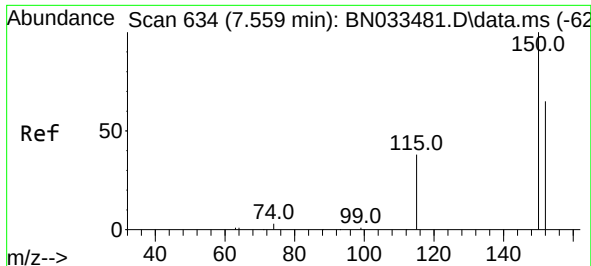
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL

Quant Time: Aug 24 06:04:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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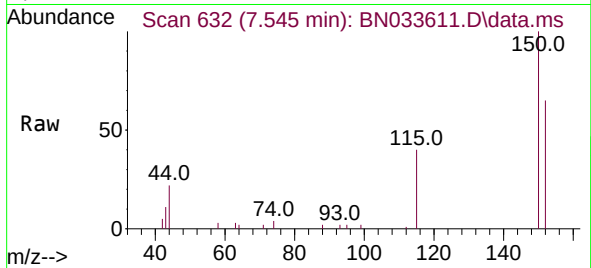
Reviewed By :Jagrut Upadhyay 08/26/2024
Supervised By :mohammad ahmed 08/29/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

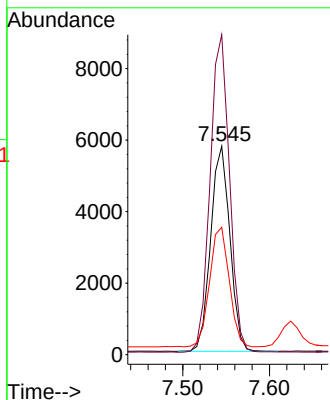
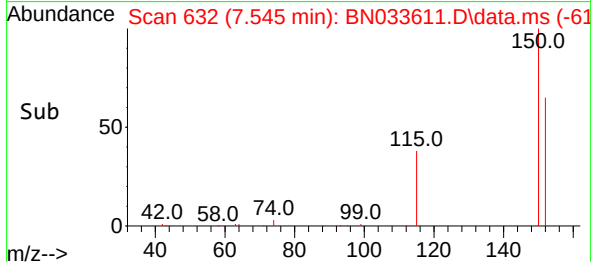
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL



Tgt Ion:152 Resp: 8839
Ion Ratio Lower Upper
152 100
150 153.5 122.2 183.2
115 61.2 47.2 70.8

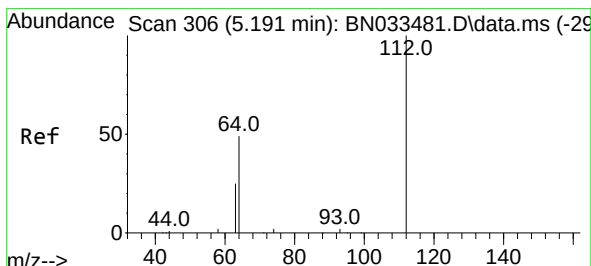
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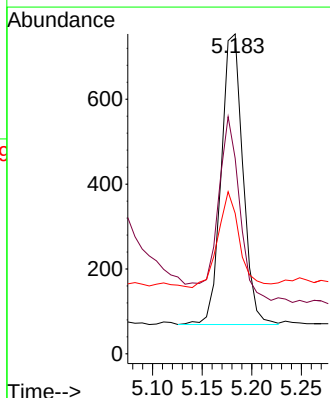
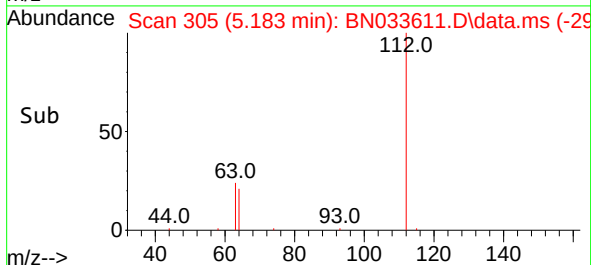
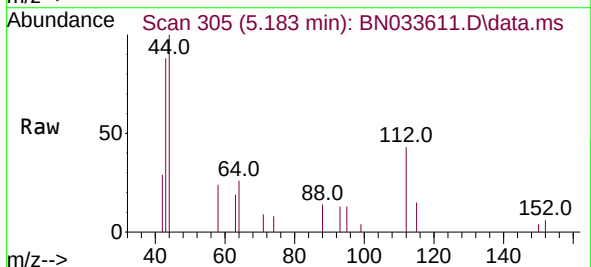
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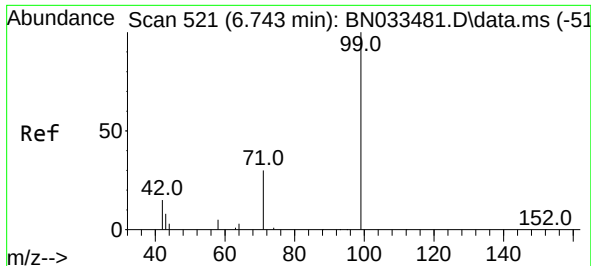
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#4
2-Fluorophenol
Concen: 0.037 ng
RT: 5.183 min Scan# 305
Delta R.T. 0.007 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

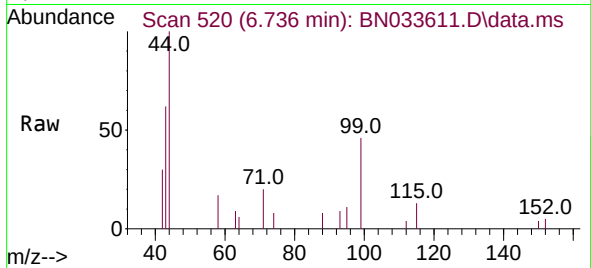
Tgt Ion:112 Resp: 1042
Ion Ratio Lower Upper
112 100
64 64.5 47.1 70.7
63 33.1 24.9 37.3





#5
Phenol-d6
Concen: 0.038 ng
RT: 6.736 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

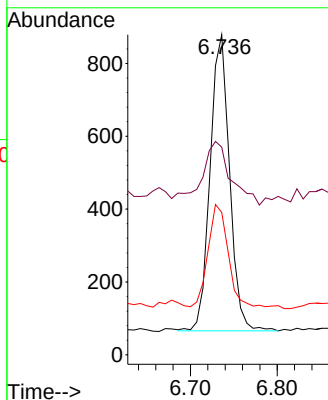
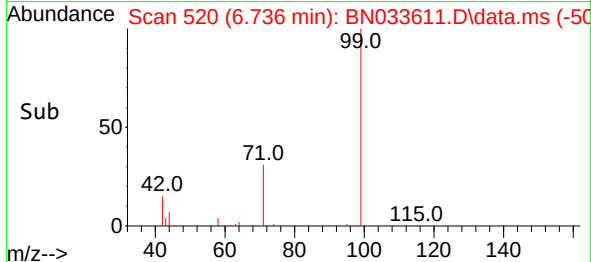
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL



Tgt Ion: 99 Resp: 1264
Ion Ratio Lower Upper
99 100
42 32.5 16.6 24.8
71 35.2 26.2 39.4

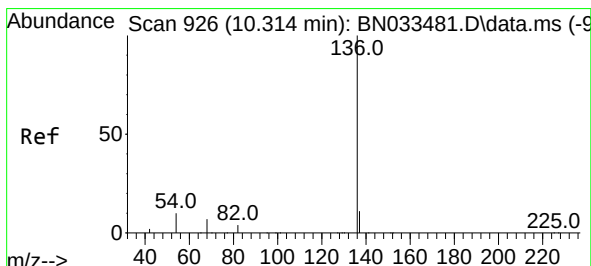
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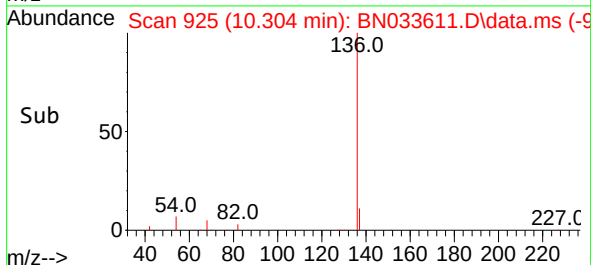
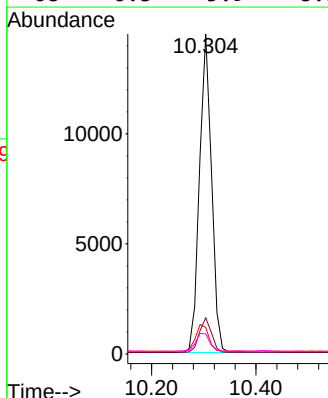
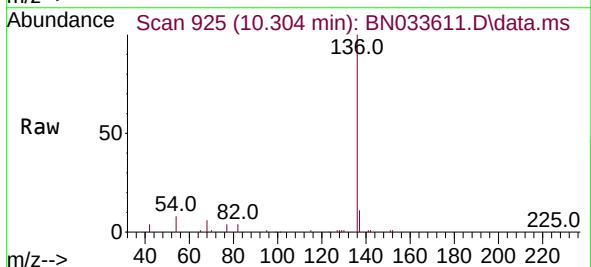
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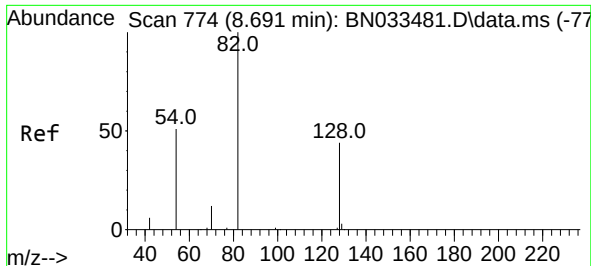
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

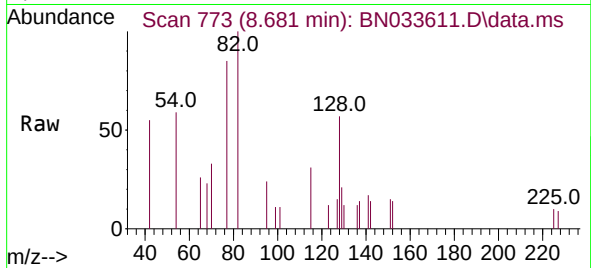
Tgt Ion:136 Resp: 23316
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 8.3 8.3 12.5
68 6.3 5.9 8.9





#8
Nitrobenzene-d5
Concen: 0.040 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

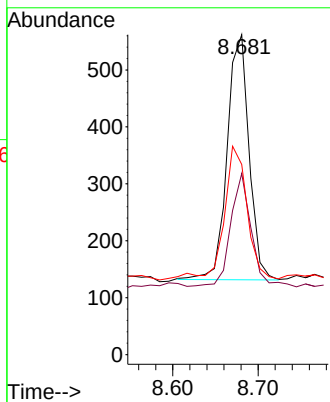
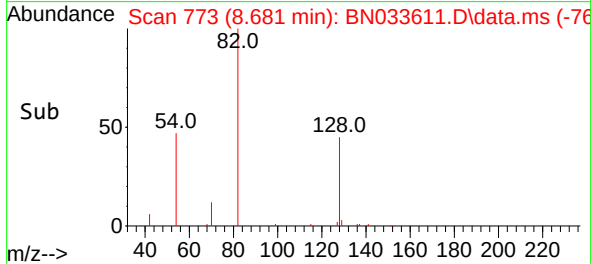
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL



Tgt Ion: 82 Resp: 760
Ion Ratio Lower Upper
82 100
128 56.6 36.0 54.0
54 59.4 42.0 63.0

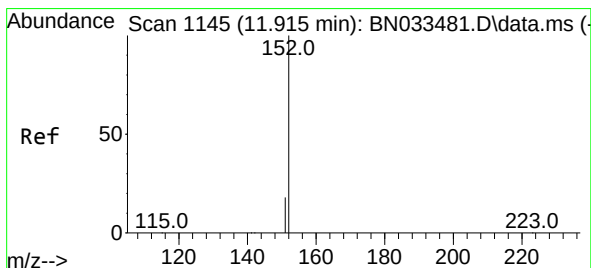
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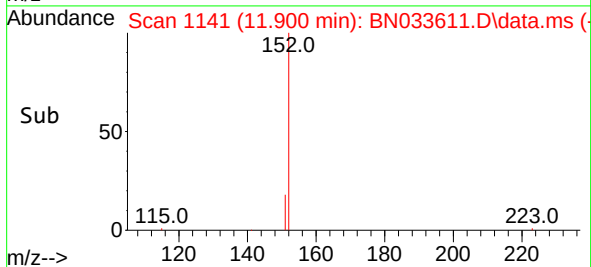
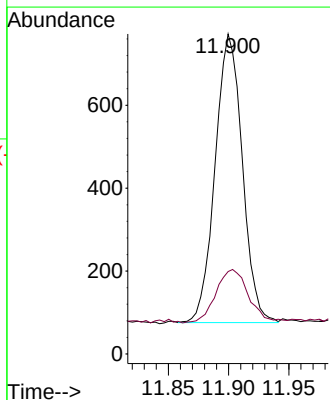
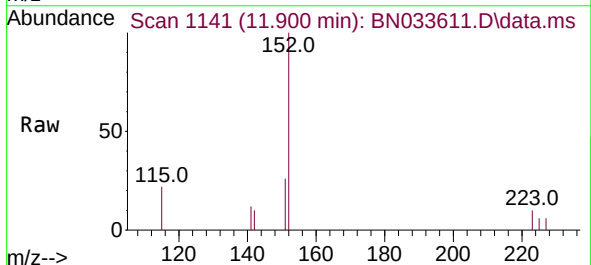
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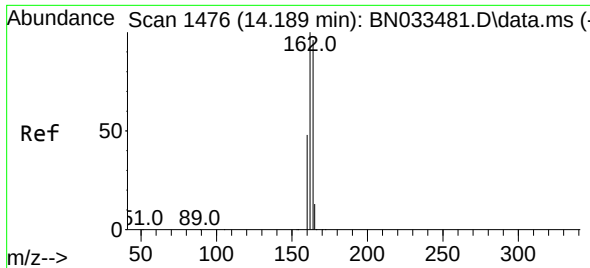
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#11
2-Methylnaphthalene-d10
Concen: 0.033 ng
RT: 11.900 min Scan# 1141
Delta R.T. -0.004 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

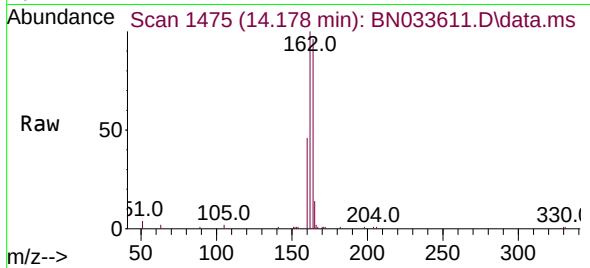
Tgt Ion:152 Resp: 1092
Ion Ratio Lower Upper
152 100
151 22.5 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

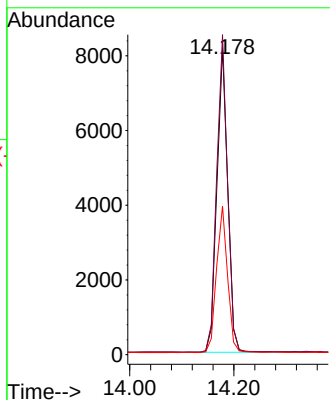
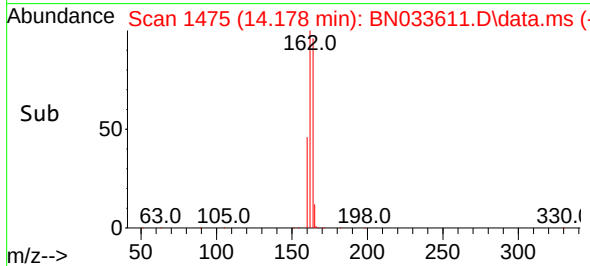
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL



Tgt Ion:164 Resp: 11779
Ion Ratio Lower Upper
164 100
162 104.2 83.5 125.3
160 48.4 40.2 60.4

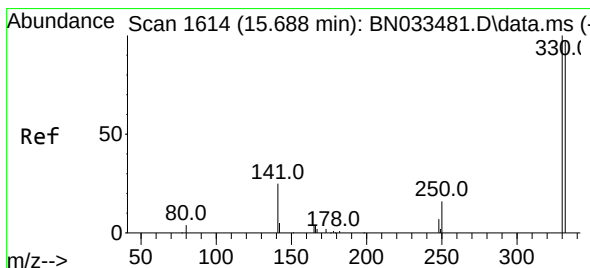
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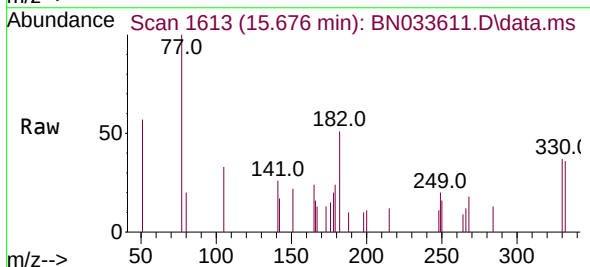


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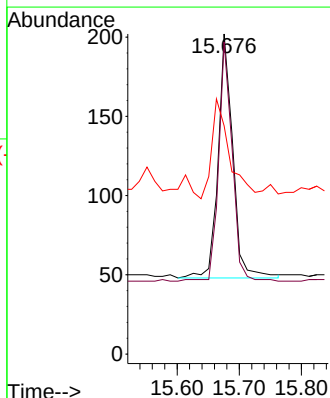
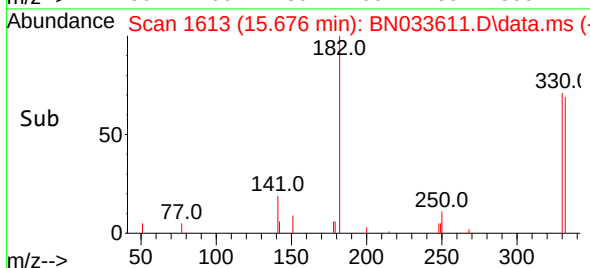
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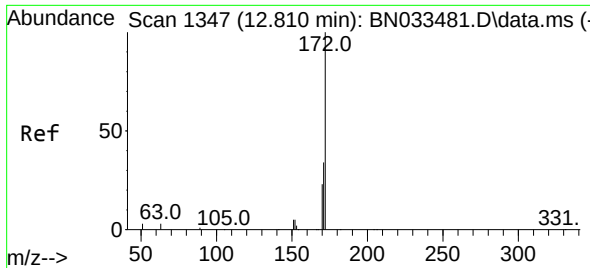


#14
2,4,6-Tribromophenol
Concen: 0.040 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44



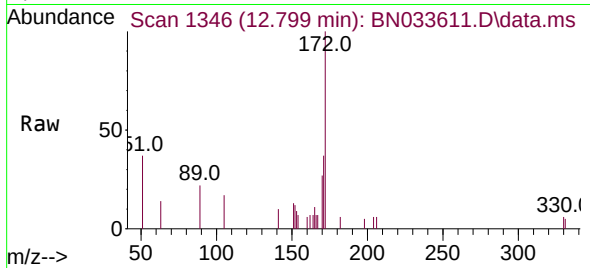
Tgt Ion:330 Resp: 253
Ion Ratio Lower Upper
330 100
332 89.3 77.5 116.3
141 51.0 33.9 50.9#





#15
2-Fluorobiphenyl
Concen: 0.029 ng
RT: 12.799 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

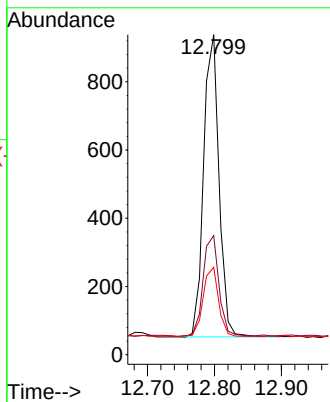
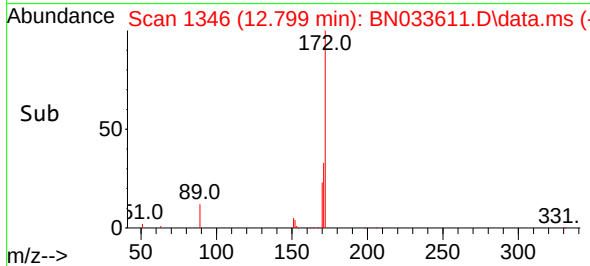
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL



Tgt Ion:172 Resp: 1415
Ion Ratio Lower Upper
172 100
171 37.2 27.7 41.5
170 27.3 18.3 27.5

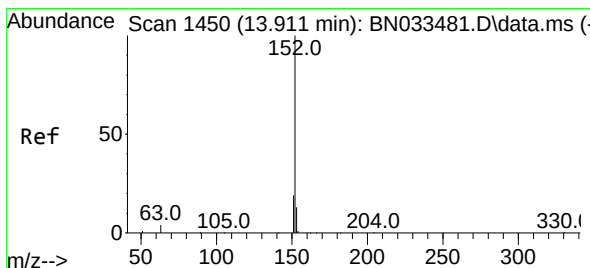
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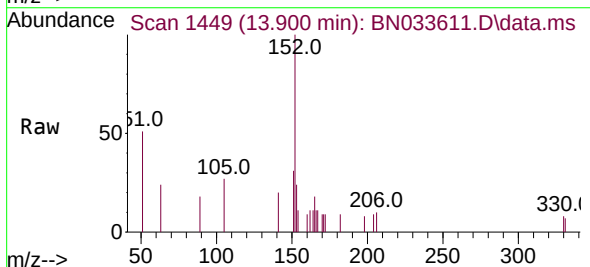


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ahmed

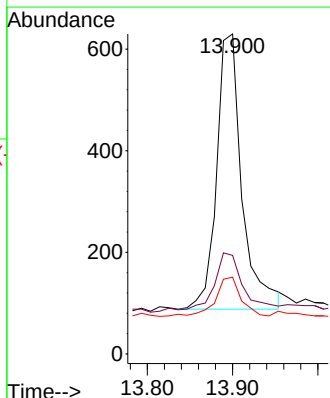
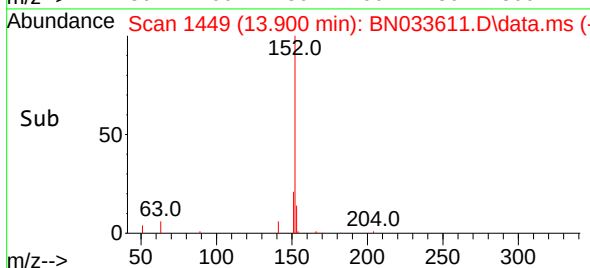
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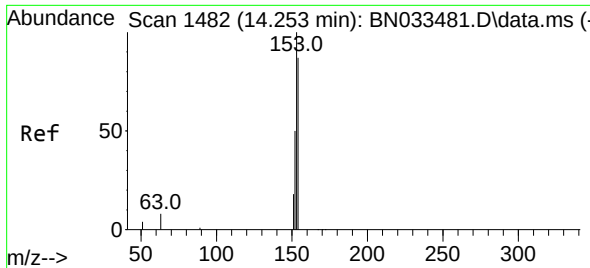


#16
Acenaphthylene
Concen: 0.022 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44



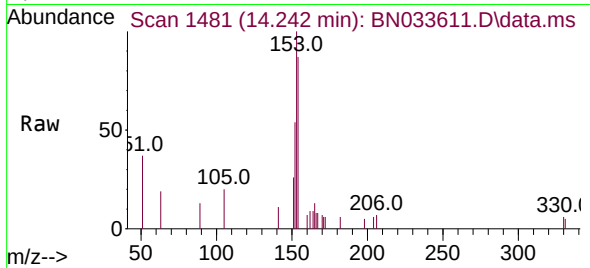
Tgt Ion:152 Resp: 1120
Ion Ratio Lower Upper
152 100
151 22.4 15.7 23.5
153 13.7 10.3 15.5





#17
Acenaphthene
Concen: 0.030 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

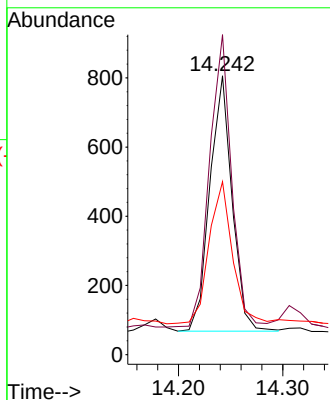
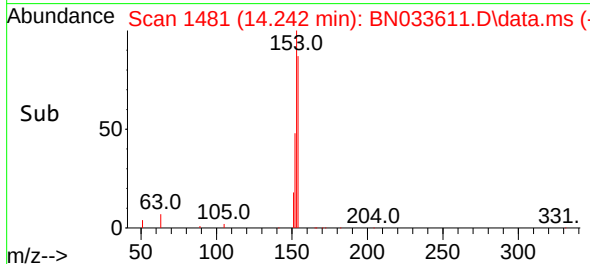
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL



Tgt Ion:154 Resp: 1090
Ion Ratio Lower Upper
154 100
153 113.0 89.0 133.6
152 58.3 45.2 67.8

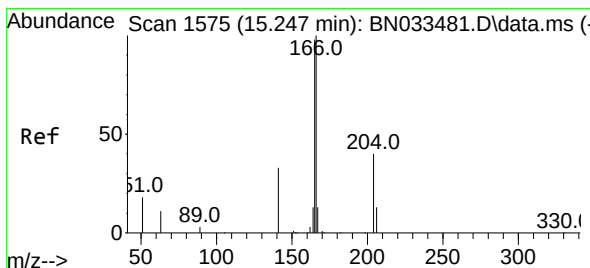
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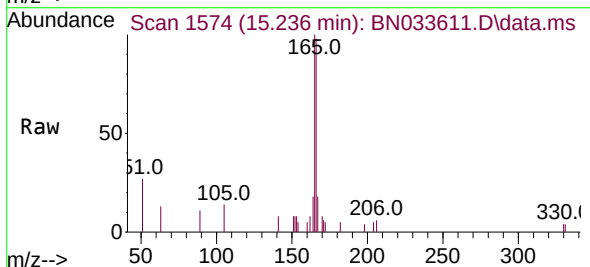


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ahmed

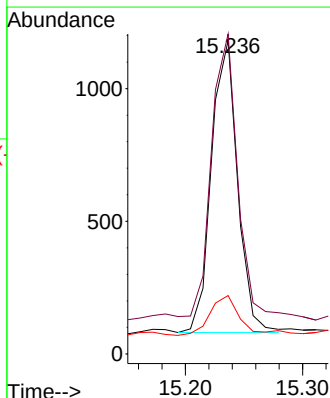
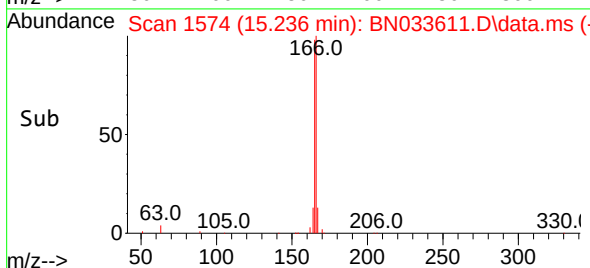
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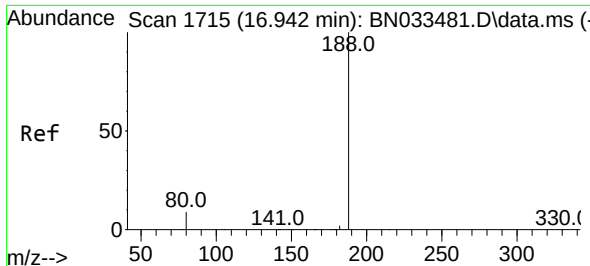


#18
Fluorene
Concen: 0.037 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44



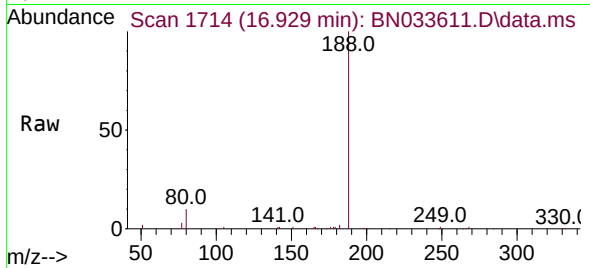
Tgt Ion:166 Resp: 1702
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.4
167 16.2 10.6 16.0#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

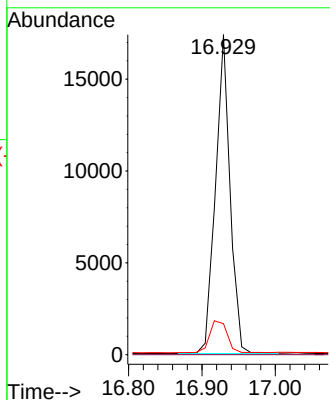
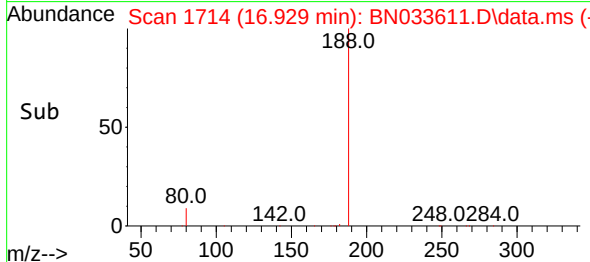
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL



Tgt Ion:188 Resp: 2389
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.8 11.8

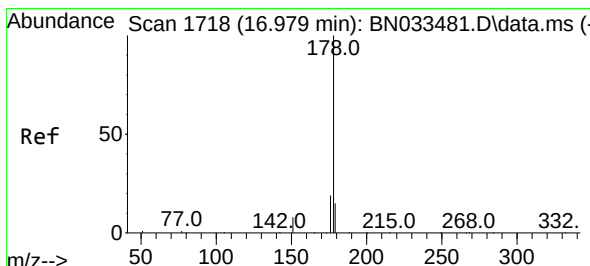
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Supervised By :mohammad ahmed 08/29/2024



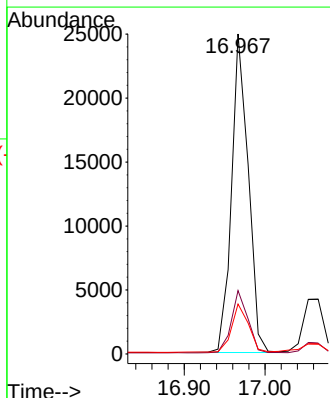
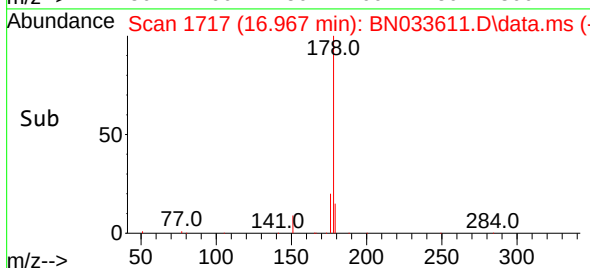
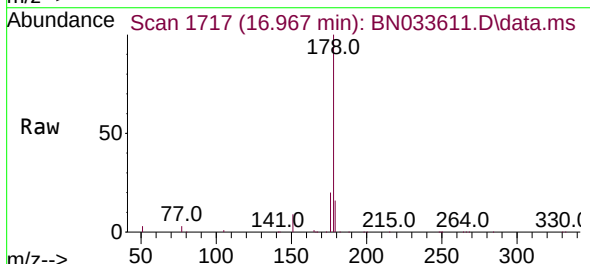
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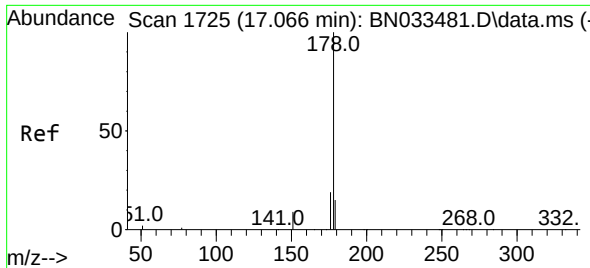
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#25
Phenanthrene
Concen: 0.538 ng
RT: 16.967 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

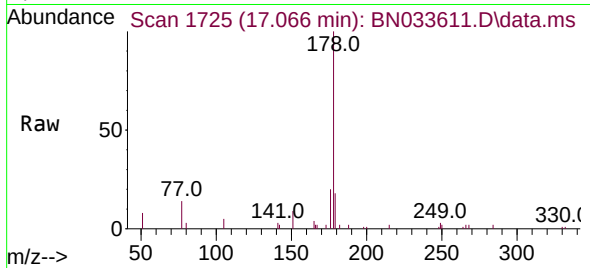
Tgt Ion:178 Resp: 35774
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.3 18.5





#26
 Anthracene
 Concen: 0.122 ng
 RT: 17.066 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN033611.D
 Acq: 24 Aug 2024 04:44

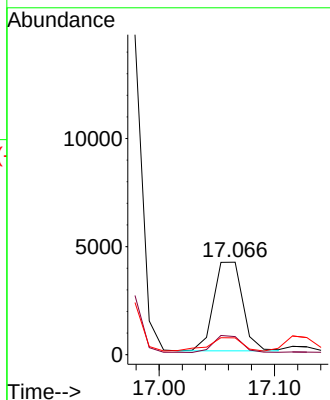
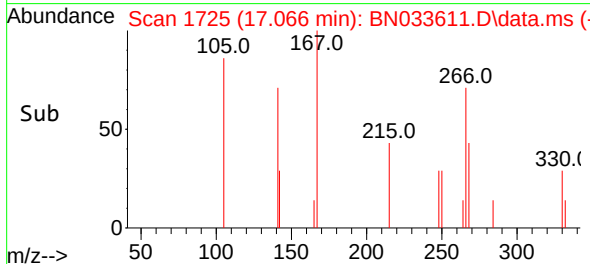
Instrument :
 BNA_N
 ClientSampleId :
 920-J-SD-0.5-1-081624DL



Tgt Ion:178 Resp: 7180
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.0 22.6
 179 17.3 12.4 18.6

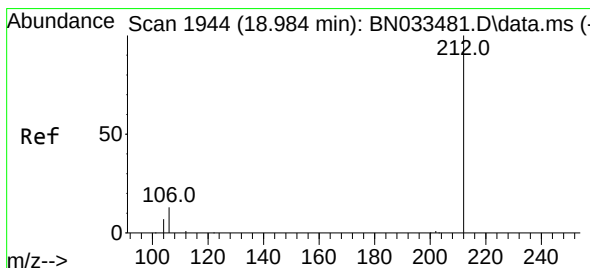
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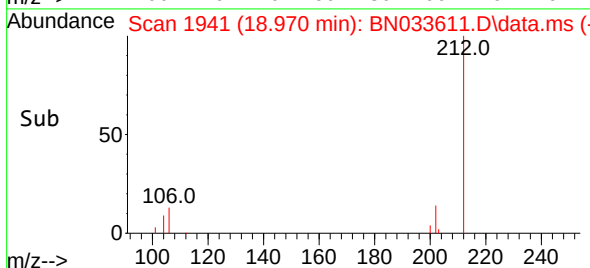
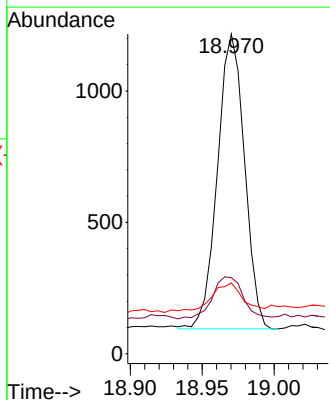
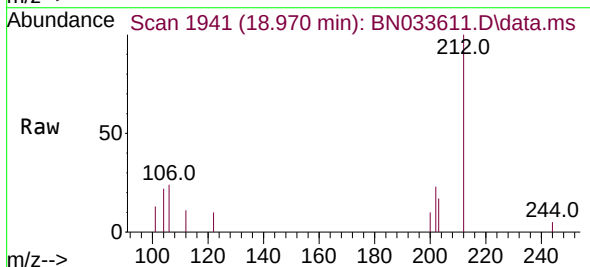
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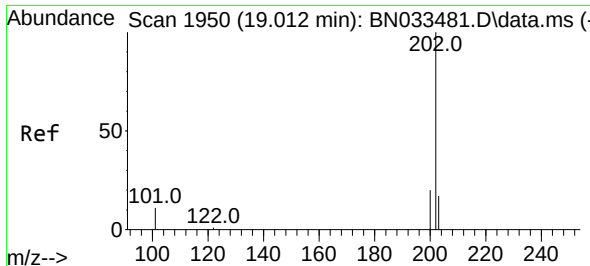
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#27
 Fluoranthene-d10
 Concen: 0.026 ng
 RT: 18.970 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: BN033611.D
 Acq: 24 Aug 2024 04:44

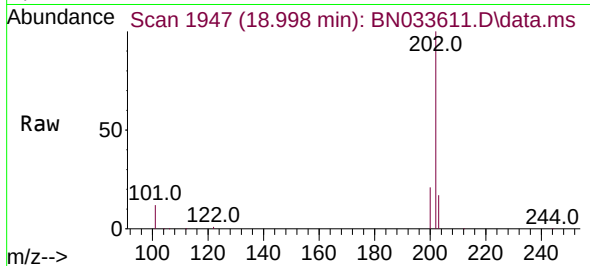
Tgt Ion:212 Resp: 1468
 Ion Ratio Lower Upper
 212 100
 106 16.2 12.3 18.5
 104 12.1 7.0 10.4#





#28
Fluoranthene
Concen: 1.713 ng
RT: 18.998 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

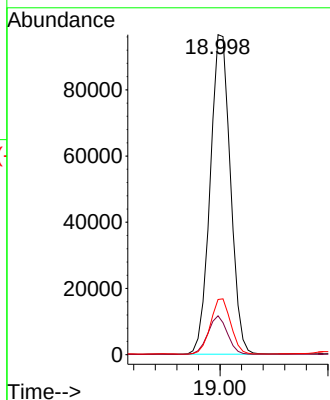
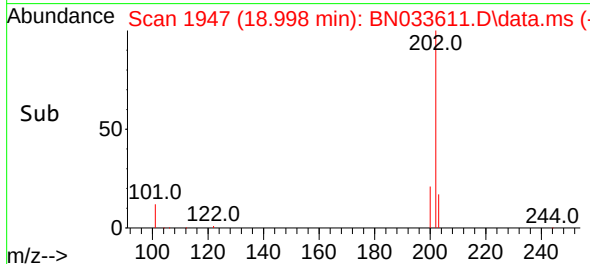
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL



Tgt Ion:202 Resp: 125820
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
203 17.2 13.8 20.6

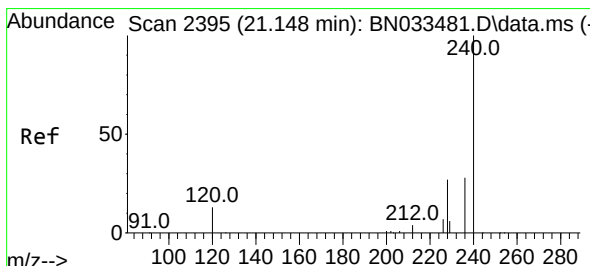
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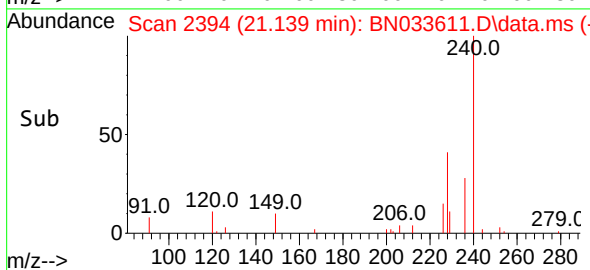
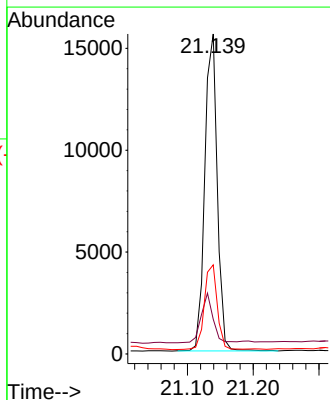
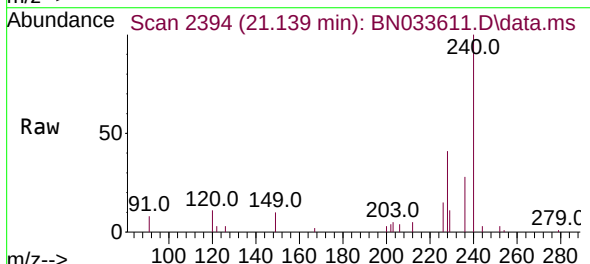
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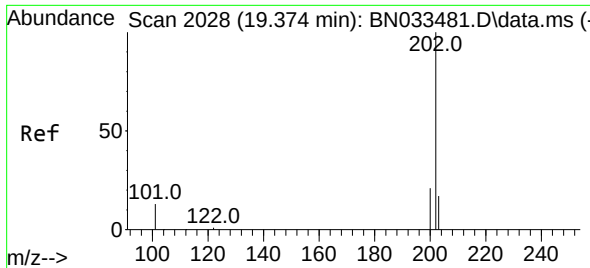
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#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

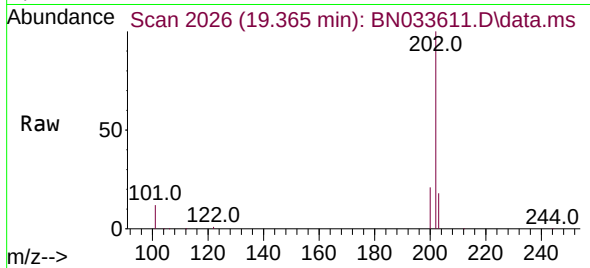
Tgt Ion:240 Resp: 20566
Ion Ratio Lower Upper
240 100
120 10.9 12.4 18.6#
236 27.8 23.0 34.6





#30
Pyrene
Concen: 1.144 ng
RT: 19.365 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

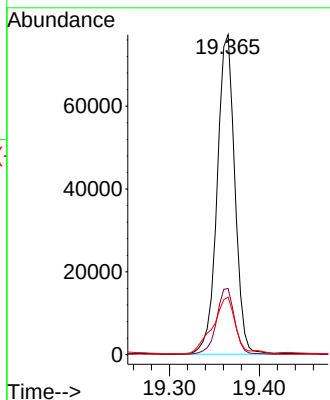
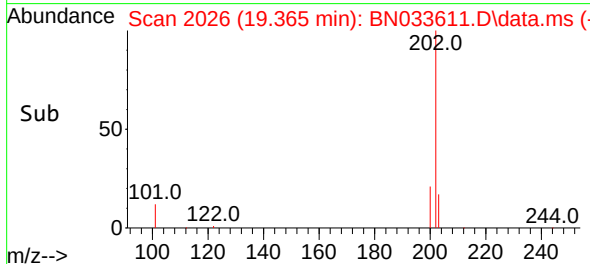
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL



Tgt Ion:202 Resp: 105000
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 22.9 14.2 21.4

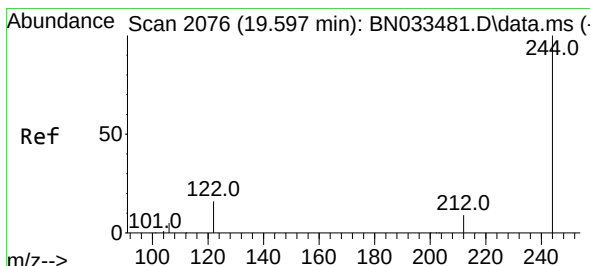
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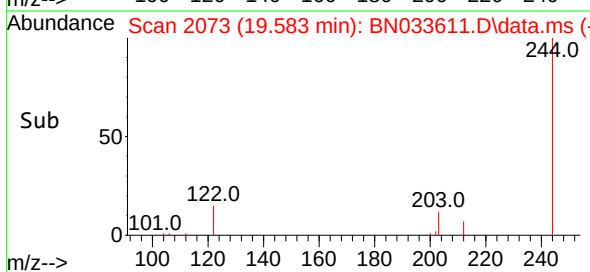
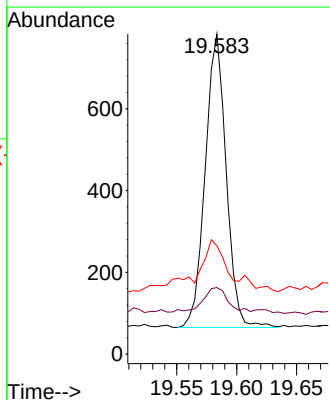
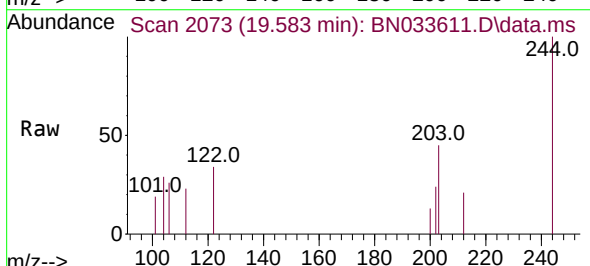
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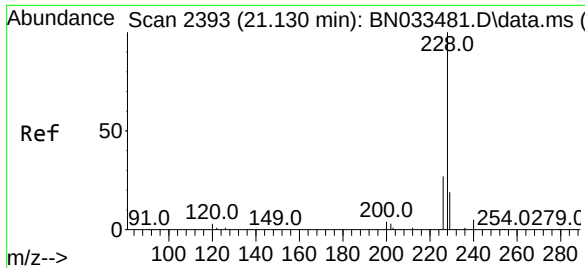
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#31
Terphenyl-d14
Concen: 0.019 ng
RT: 19.583 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

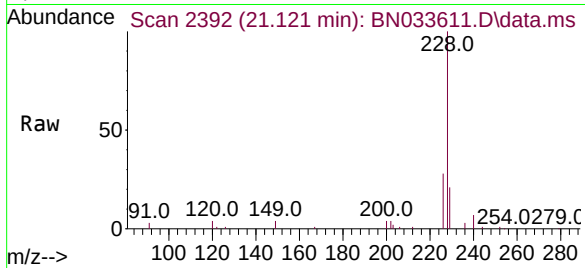
Tgt Ion:244 Resp: 873
Ion Ratio Lower Upper
244 100
212 20.8 7.8 11.6#
122 33.8 13.3 19.9#





#32
Benzo(a)anthracene
Concen: 0.811 ng
RT: 21.121 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

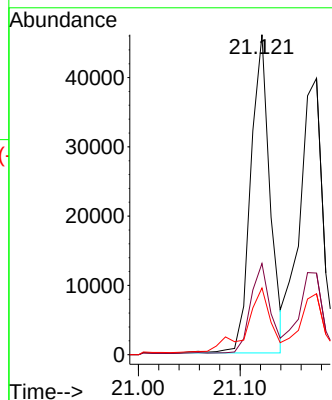
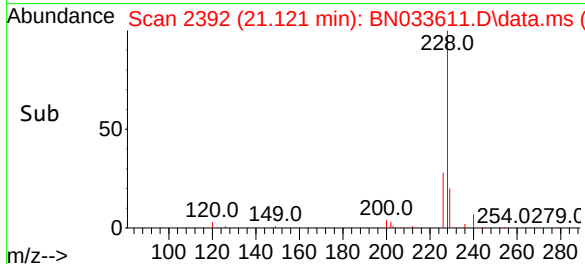
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL



Tgt Ion:228 Resp: 60310
Ion Ratio Lower Upper
228 100
226 28.5 21.8 32.6
229 20.8 15.8 23.6

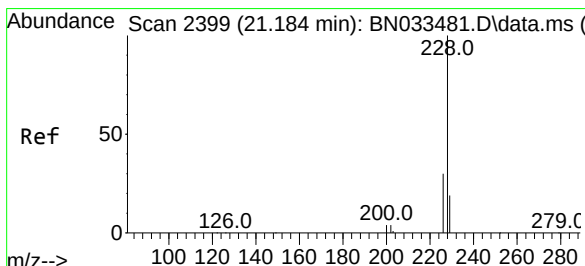
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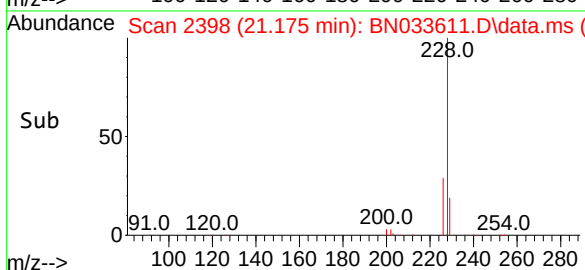
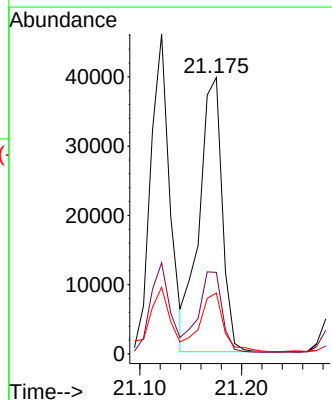
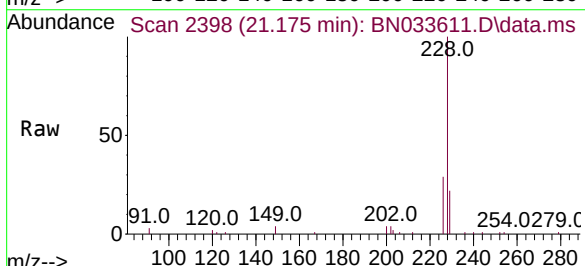
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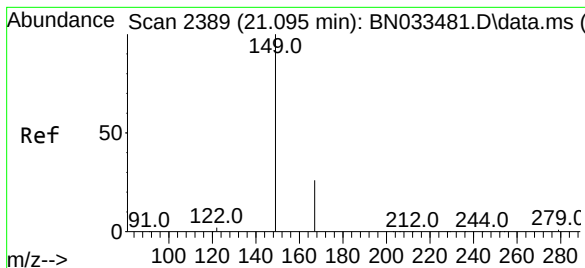
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#33
Chrysene
Concen: 0.838 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

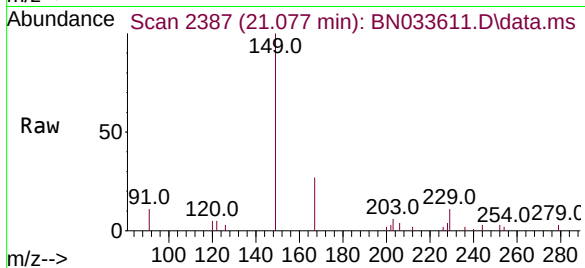
Tgt Ion:228 Resp: 61941
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.8
229 22.0 15.6 23.4





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.256 ng m
 RT: 21.077 min Scan# 2103
 Delta R.T. -0.009 min
 Lab File: BN033611.D
 Acq: 24 Aug 2024 04:44

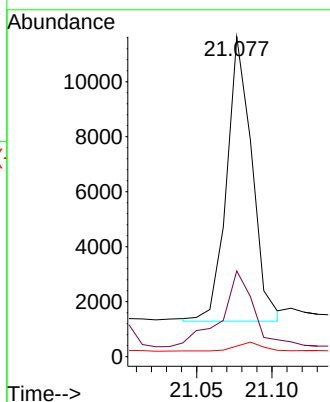
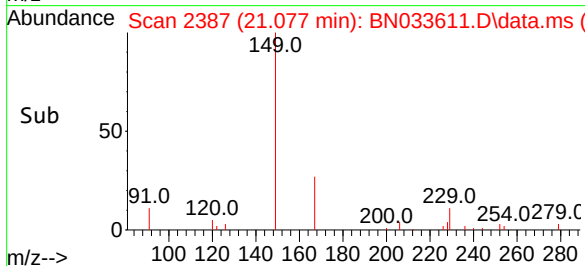
Instrument : BNA_N
 ClientSampleId : 920-J-SD-0.5-1-081624DL



Tgt Ion: 149 Resp: 12038
 Ion Ratio Lower Upper
 149 100
 167 44.1 21.5 32.3
 279 6.0 2.2 3.2

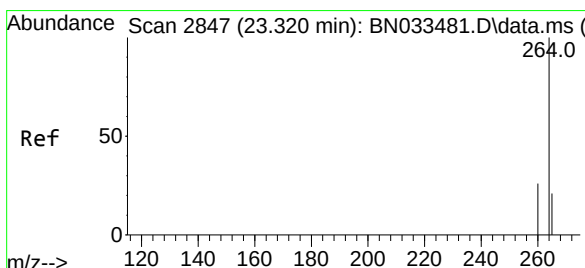
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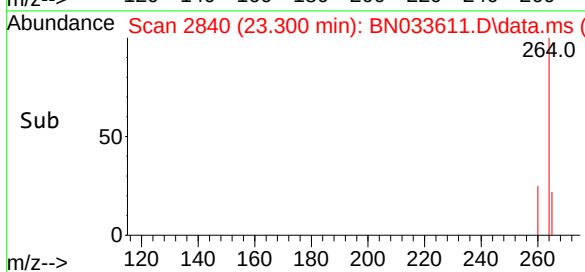
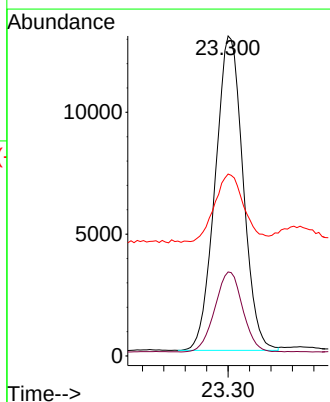
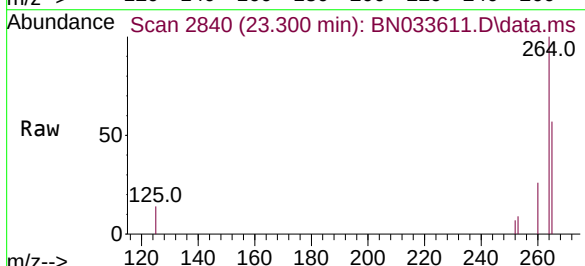
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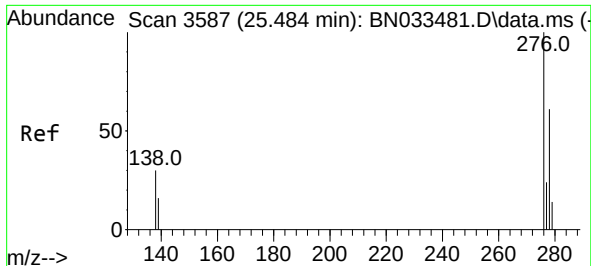
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#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.300 min Scan# 2840
 Delta R.T. -0.003 min
 Lab File: BN033611.D
 Acq: 24 Aug 2024 04:44

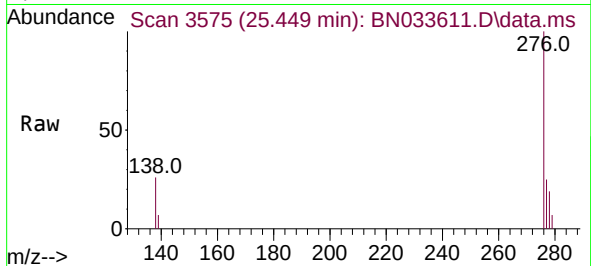
Tgt Ion: 264 Resp: 23294
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.8 31.2
 265 56.9 52.2 78.2





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 25.449 min Scan# 3587
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

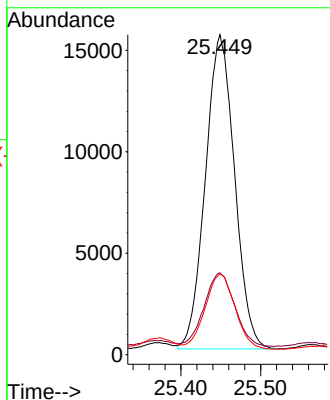
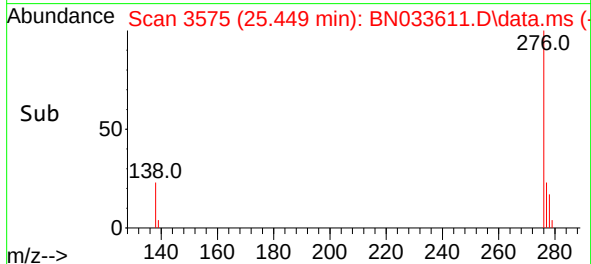
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL



Tgt Ion:276 Resp: 3937
Ion Ratio Lower Upper
276 100
138 24.5 24.4 36.6
277 24.6 19.8 29.6

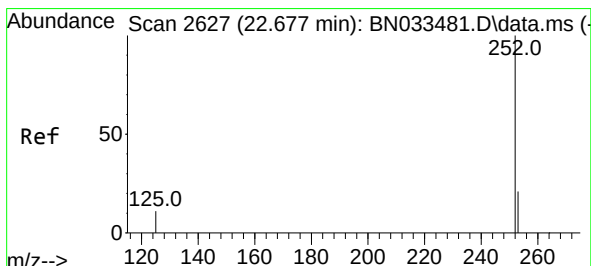
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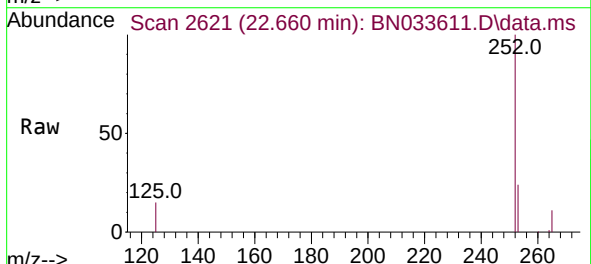


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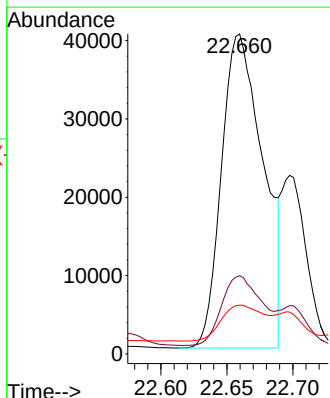
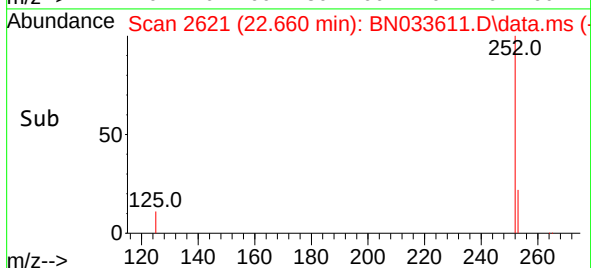
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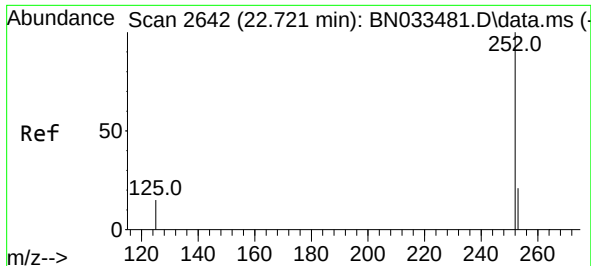


#37
Benzo(b)fluoranthene
Concen: 1.011 ng
RT: 22.660 min Scan# 2621
Delta R.T. -0.000 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44



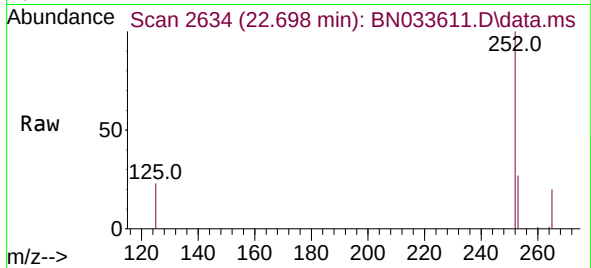
Tgt Ion:252 Resp: 87912
Ion Ratio Lower Upper
252 100
253 24.4 19.8 29.8
125 15.3 13.9 20.9





#38
Benzo(k)fluoranthene
Concen: 0.337 ng m
RT: 22.698 min Scan# 20
Delta R.T. -0.006 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

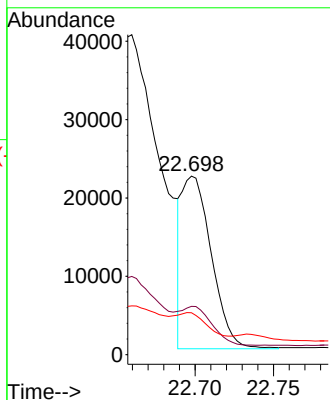
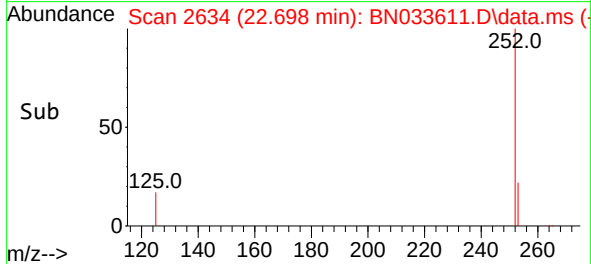
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL



Tgt Ion:252 Resp: 2885
Ion Ratio Lower Upper
252 100
253 27.1 19.8 29.8
125 23.5 15.8 23.8

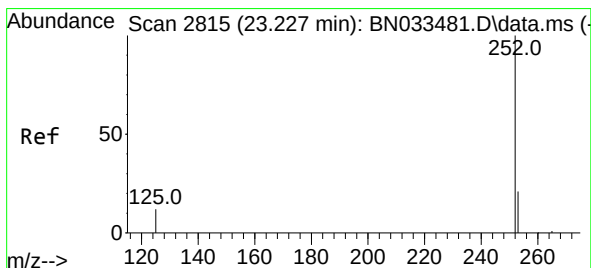
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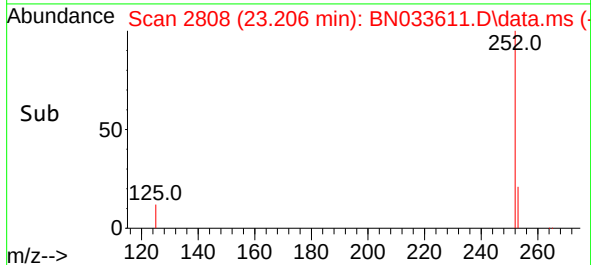
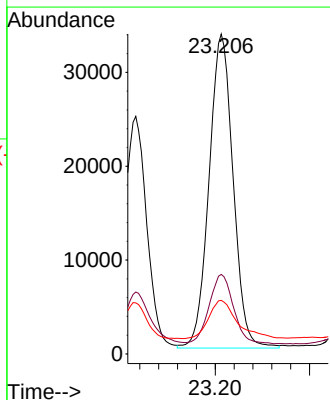
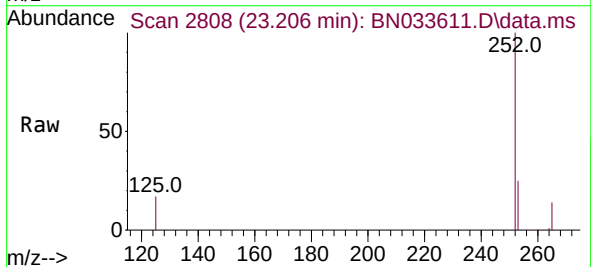
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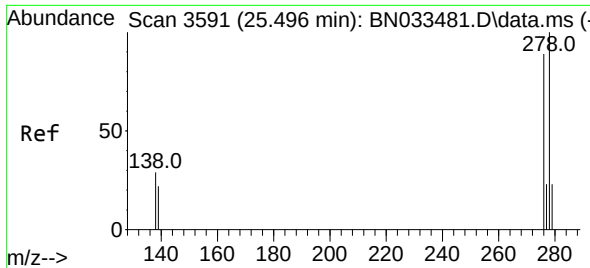
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#39
Benzo(a)pyrene
Concen: 0.824 ng m
RT: 23.206 min Scan# 2808
Delta R.T. -0.003 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

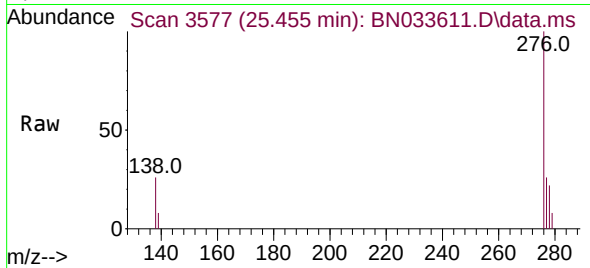
Tgt Ion:252 Resp: 59278
Ion Ratio Lower Upper
252 100
253 24.8 21.5 32.3
125 16.7 17.0 25.4#





#40
Dibenzo(a,h)anthracene
Concen: 0.121 ng
RT: 25.455 min Scan# 31
Delta R.T. -0.015 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

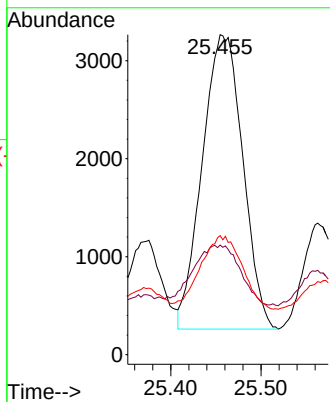
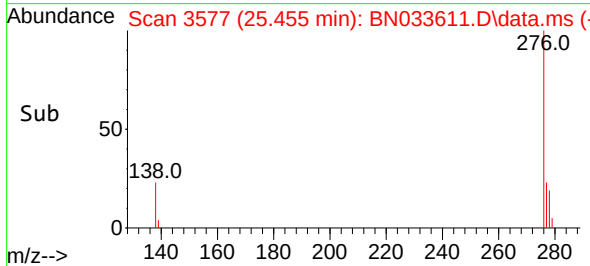
Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624DL



Tgt Ion:278 Resp: 938
Ion Ratio Lower Upper
278 100
139 34.3 19.1 28.7
279 37.2 21.0 31.4

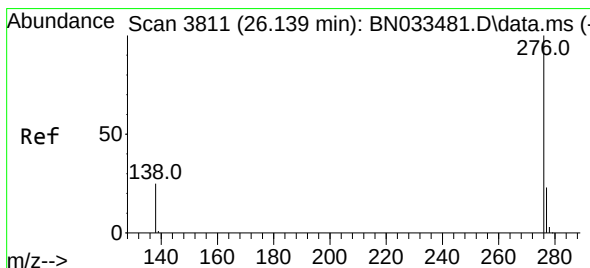
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Supervised By :mohammad ahmed 08/29/2024



08/26/2024
Supervised By :mohammad
ahmed

08/29/2024



#41
Benzo(g,h,i)perylene
Concen: 0.455 ng
RT: 26.101 min Scan# 3798
Delta R.T. -0.003 min
Lab File: BN033611.D
Acq: 24 Aug 2024 04:44

Tgt Ion:276 Resp: 37590
Ion Ratio Lower Upper
276 100
277 25.0 19.7 29.5
138 26.7 21.8 32.6

