

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
 Data File : BN033593.D
 Acq On : 23 Aug 2024 17:11
 Operator : MA/JU
 Sample : P3660-05DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-906-J-0-0.5-081624DL

Manual Integrations
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Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 24 02:17:34 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						
1) 1,4-Dichlorobenzene-d4	7.545	152	8078	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	21842	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	11130	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	22812	0.400	ng	# 0.00
29) Chrysene-d12	21.139	240	19264	0.400	ng	0.00
35) Perylene-d12	23.309	264	21733	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	1189	0.046	ng	0.00
5) Phenol-d6	6.736	99	1481	0.048	ng	0.00
8) Nitrobenzene-d5	8.681	82	1027	0.057	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	1455	0.047	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	316	0.053	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	1899	0.042	ng	0.00
27) Fluoranthene-d10	18.975	212	1944	0.035	ng	0.00
31) Terphenyl-d14	19.588	244	1257	0.029	ng	0.00
Target Compounds						
16) Acenaphthylene	13.900	152	1075	0.022	ng	97
17) Acenaphthene	14.242	154	2077	0.060	ng	98
18) Fluorene	15.236	166	2116	0.049	ng	98
25) Phenanthrene	16.966	178	48586	0.766	ng	96
26) Anthracene	17.066	178	6889	0.123	ng	# 93
28) Fluoranthene	19.003	202	125217	1.785	ng	100
30) Pyrene	19.365	202	106380	1.237	ng	# 95
32) Benzo(a)anthracene	21.121	228	53000	0.761	ng	97
33) Chrysene	21.175	228	59586	0.861	ng	97
34) Bis(2-ethylhexyl)phtha...	21.085	149	4291m	0.097	ng	
36) Indeno(1,2,3-cd)pyrene	25.457	276	47213	0.523	ng	# 93
37) Benzo(b)fluoranthene	22.668	252	93531	1.152	ng	98
38) Benzo(k)fluoranthene	22.703	252	31010m	0.388	ng	
39) Benzo(a)pyrene	23.212	252	55119	0.821	ng	97
40) Dibenzo(a,h)anthracene	25.469	278	10578	0.147	ng	# 75
41) Benzo(g,h,i)perylene	26.112	276	47625	0.617	ng	99

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

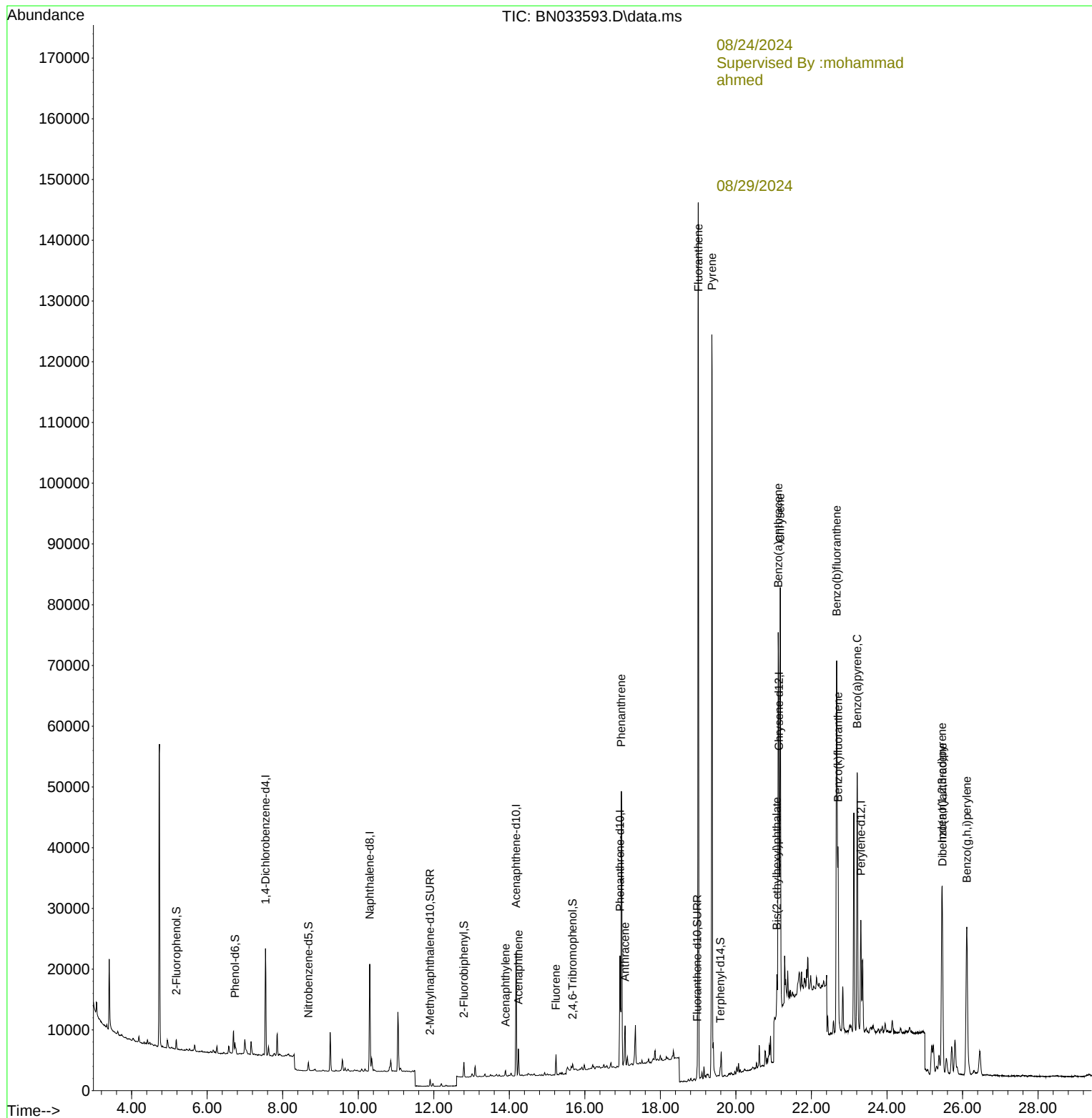
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033593.D
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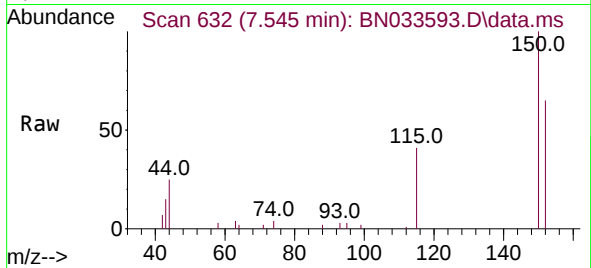
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Supervised By :mohammad ahmed 08/29/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

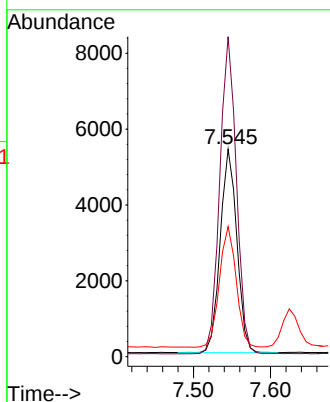
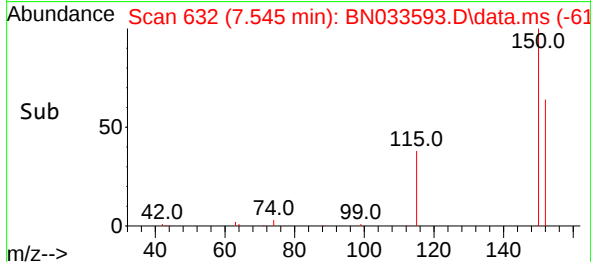
Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL



Tgt Ion:152 Resp: 8078
Ion Ratio Lower Upper
152 100
150 154.2 122.2 183.2
115 62.6 47.2 70.8

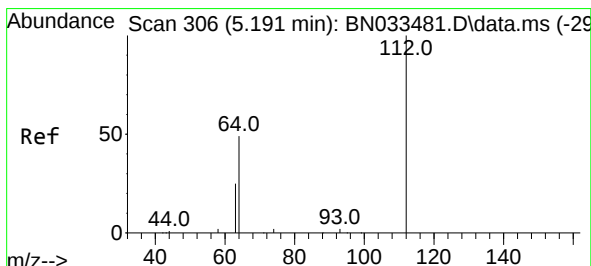
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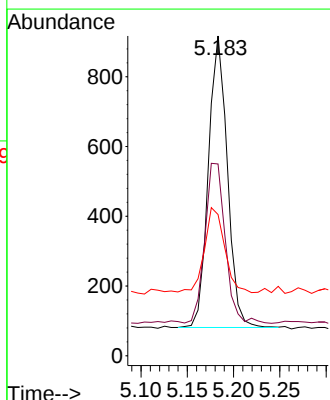
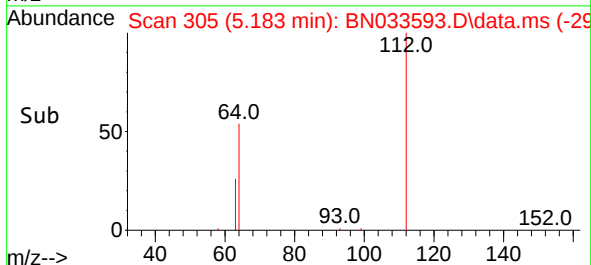
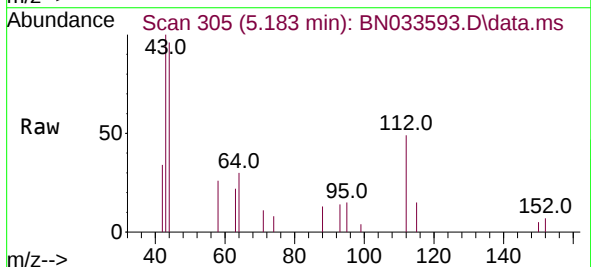
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#4
2-Fluorophenol
Concen: 0.046 ng
RT: 5.183 min Scan# 305
Delta R.T. 0.007 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

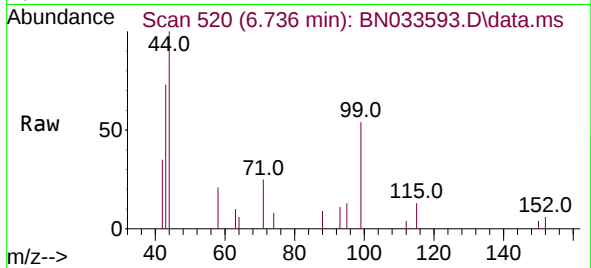
Tgt Ion:112 Resp: 1189
Ion Ratio Lower Upper
112 100
64 59.0 47.1 70.7
63 31.5 24.9 37.3





#5
Phenol-d6
Concen: 0.048 ng
RT: 6.736 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

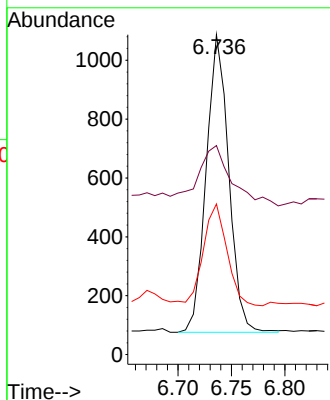
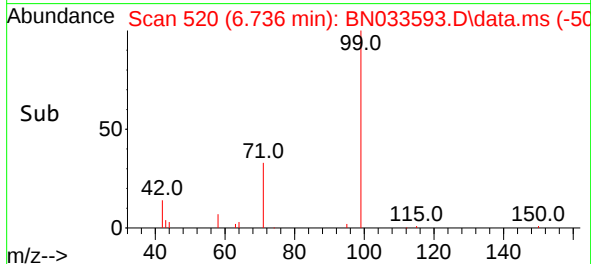
Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL



Tgt Ion: 99 Resp: 148
Ion Ratio Lower Upper
99 100
42 30.9 16.6 24.8
71 36.5 26.2 39.4

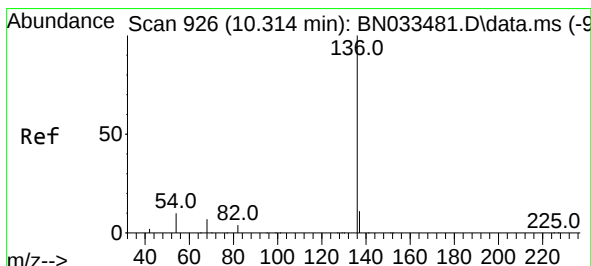
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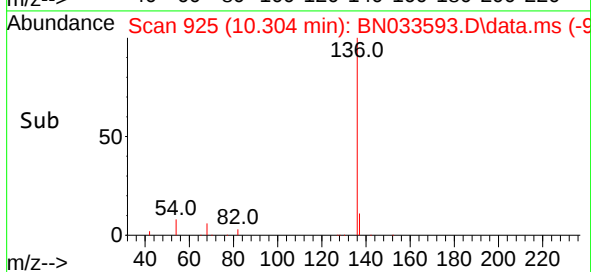
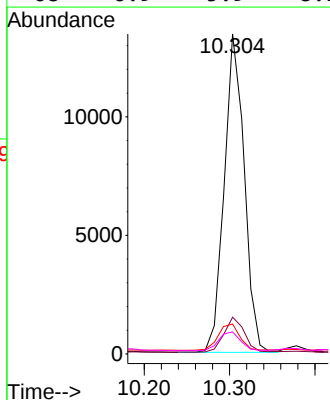
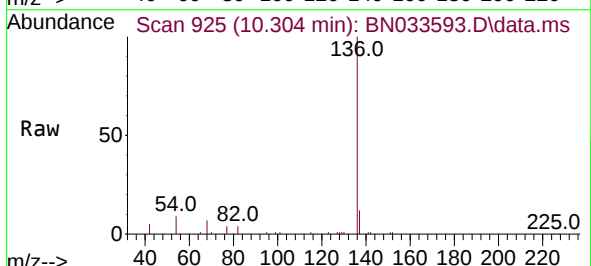
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

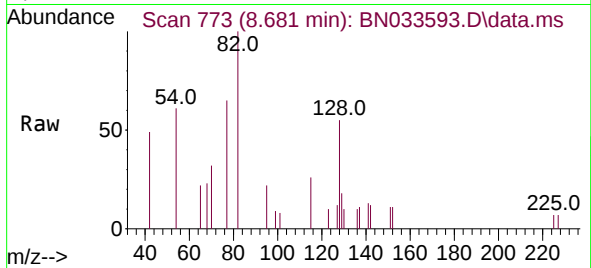
Tgt Ion:136 Resp: 21842
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 9.3 8.3 12.5
68 6.9 5.9 8.9





#8
Nitrobenzene-d5
Concen: 0.057 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

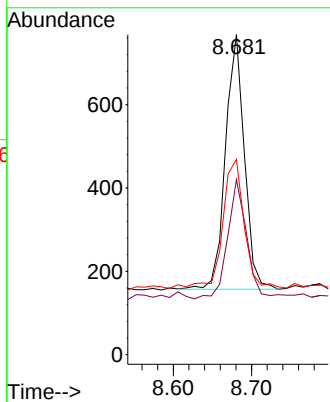
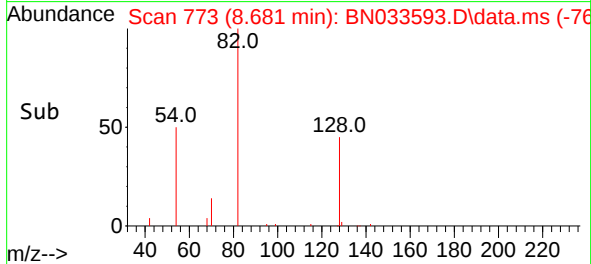
Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL



Tgt Ion: 82 Resp: 102
Ion Ratio Lower Upper
82 100
128 54.7 36.0 54.0
54 61.1 42.0 63.0

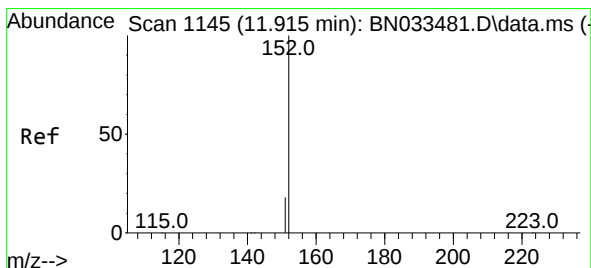
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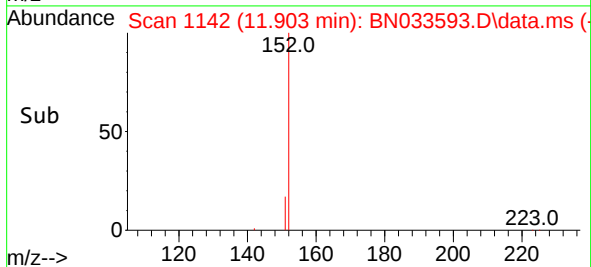
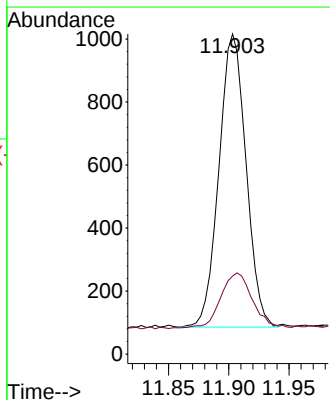
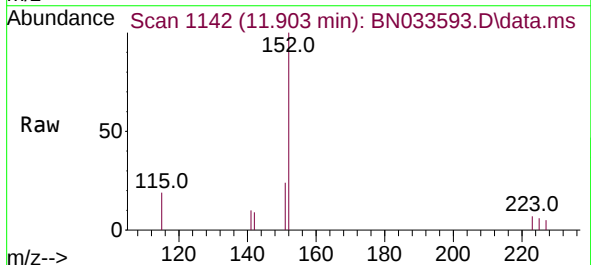
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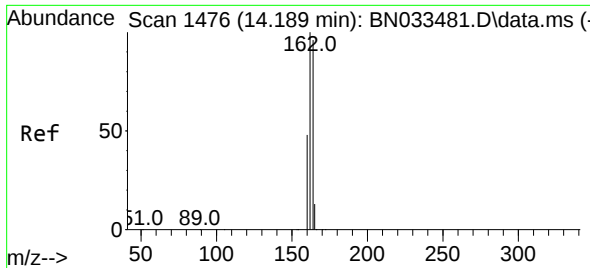
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#11
2-Methylnaphthalene-d10
Concen: 0.047 ng
RT: 11.903 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

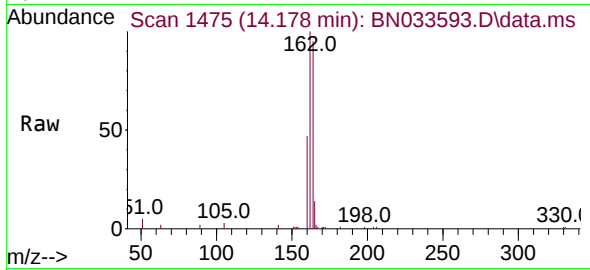
Tgt Ion:152 Resp: 1455
Ion Ratio Lower Upper
152 100
151 22.7 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

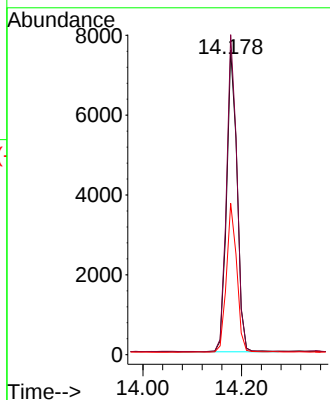
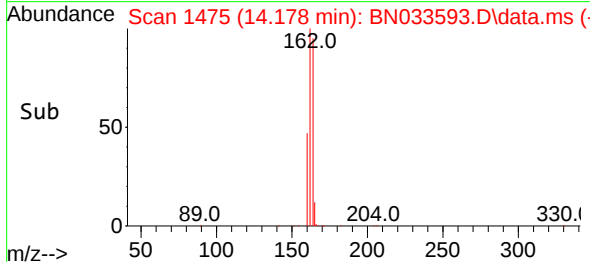
Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL



Tgt Ion:164 Resp: 11130
Ion Ratio Lower Upper
164 100
162 105.0 83.5 125.3
160 49.6 40.2 60.4

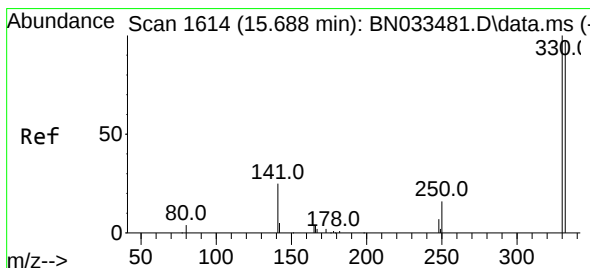
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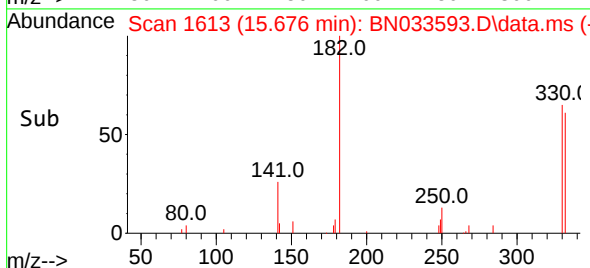
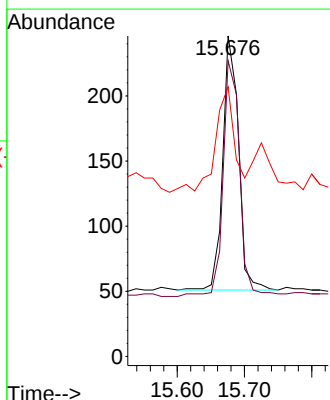
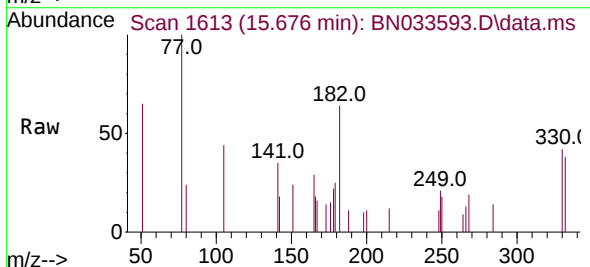
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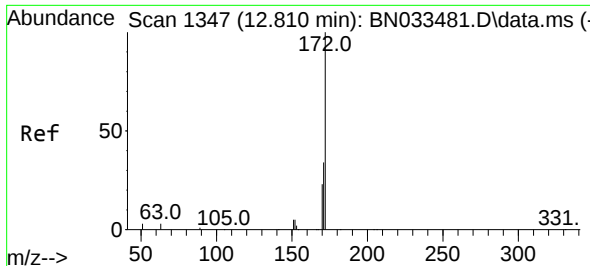
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#14
2,4,6-Tribromophenol
Concen: 0.053 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

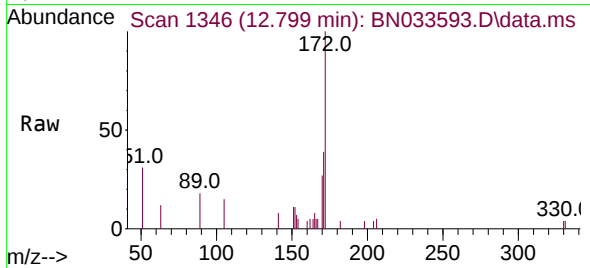
Tgt Ion:330 Resp: 316
Ion Ratio Lower Upper
330 100
332 98.4 77.5 116.3
141 44.3 33.9 50.9





#15
2-Fluorobiphenyl
Concen: 0.042 ng
RT: 12.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

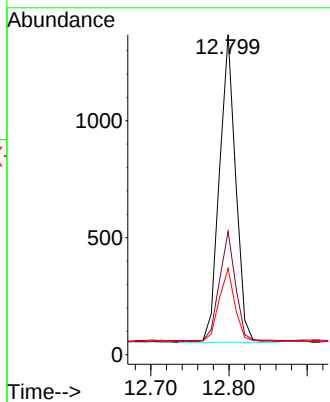
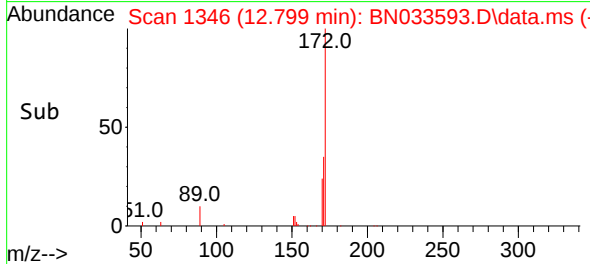
Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL



Tgt Ion:172 Resp: 189
Ion Ratio Lower Upper
172 100
171 38.5 27.7 41.5
170 27.0 18.3 27.5

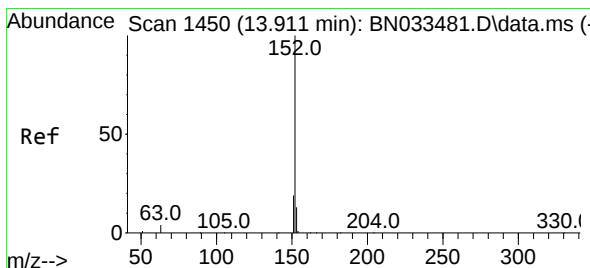
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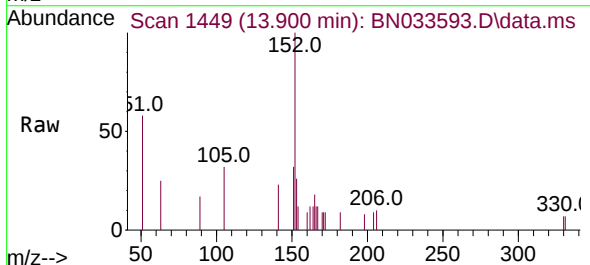


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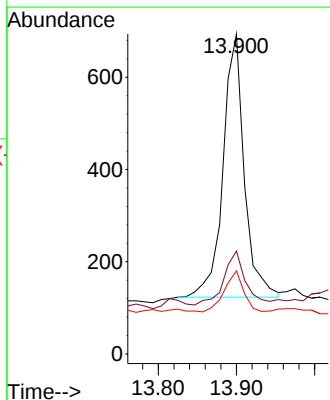
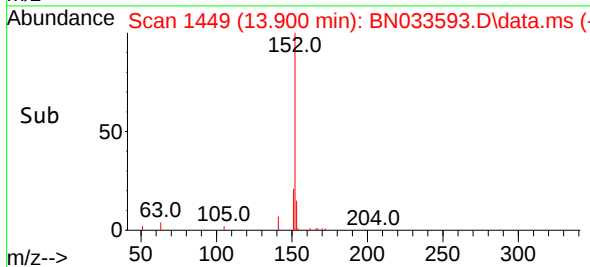
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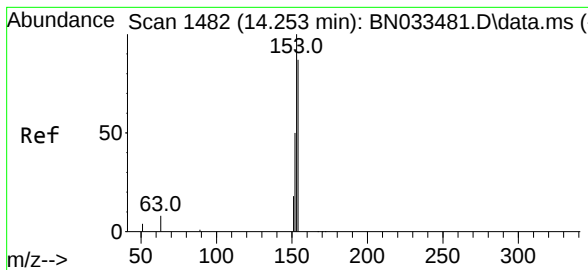


#16
Acenaphthylene
Concen: 0.022 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11



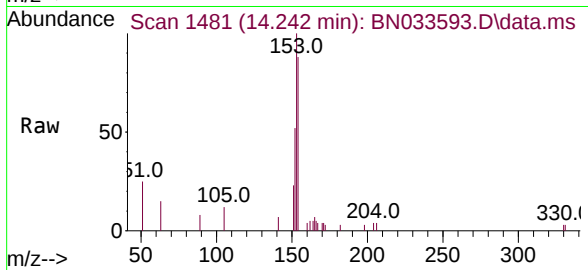
Tgt Ion:152 Resp: 1075
Ion Ratio Lower Upper
152 100
151 20.9 15.7 23.5
153 14.0 10.3 15.5





#17
Acenaphthene
Concen: 0.060 ng
RT: 14.242 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

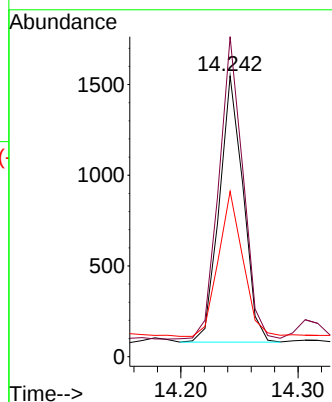
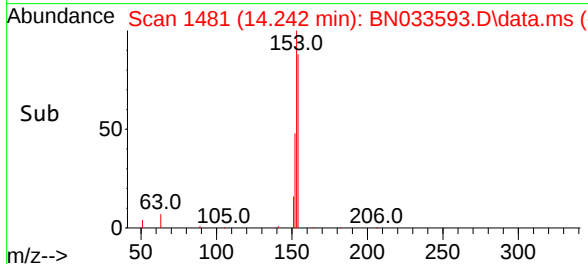
Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL



Tgt Ion:154 Resp: 207
Ion Ratio Lower Upper
154 100
153 114.2 89.0 133.6
152 55.8 45.2 67.8

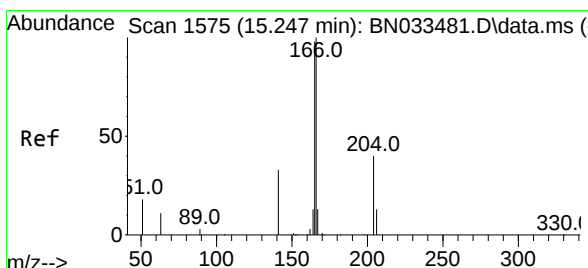
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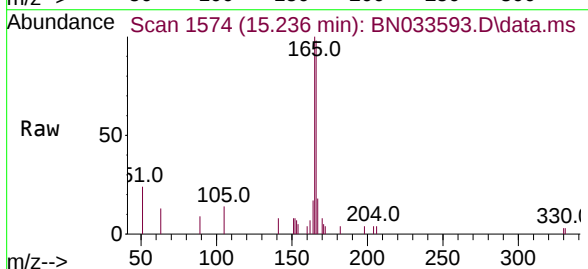


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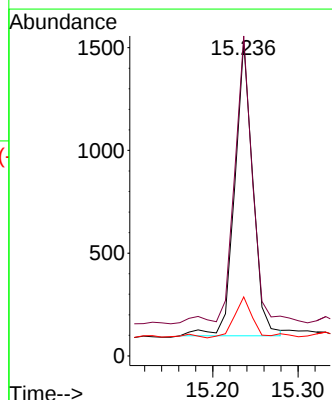
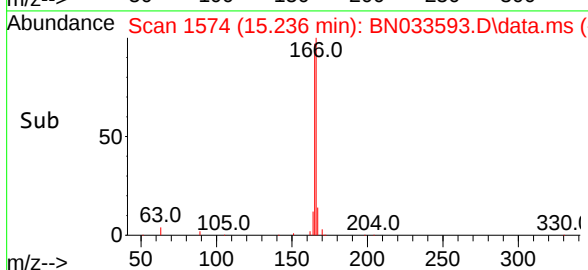
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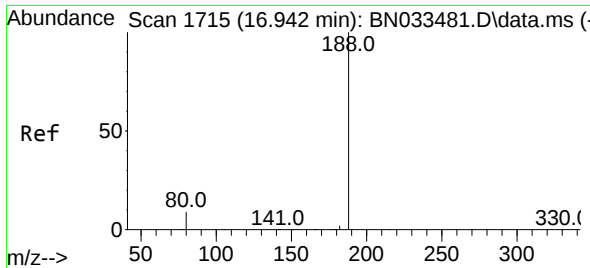


#18
Fluorene
Concen: 0.049 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11



Tgt Ion:166 Resp: 2116
Ion Ratio Lower Upper
166 100
165 95.6 78.2 117.4
167 13.8 10.6 16.0





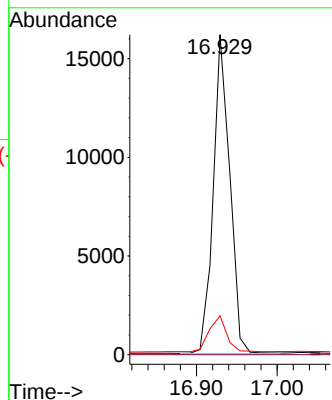
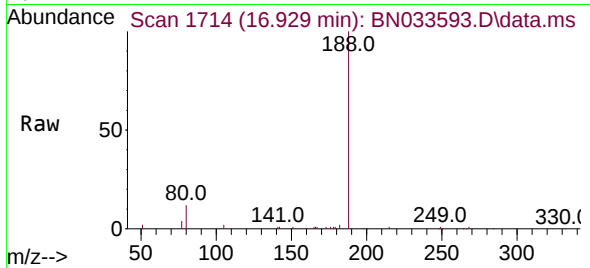
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL

Tgt Ion:188 Resp: 2281
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 7.8 11.8

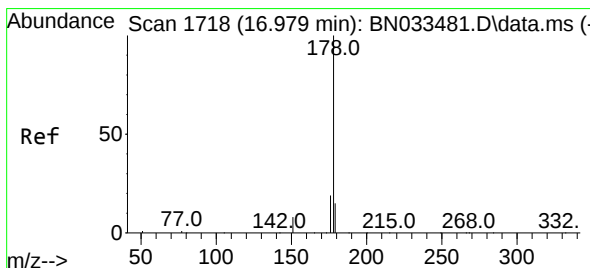
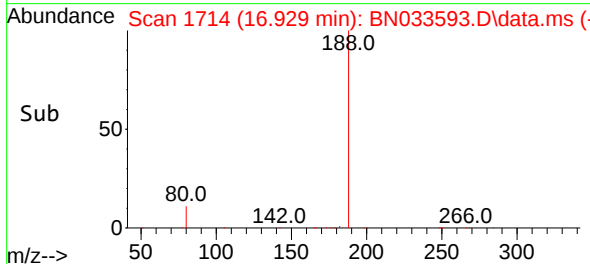
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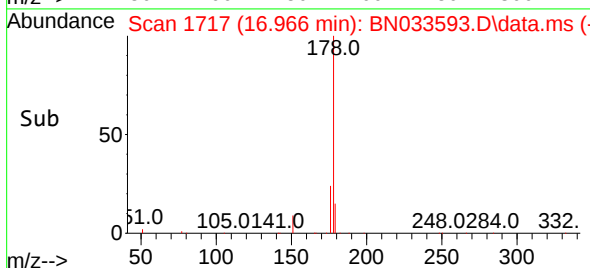
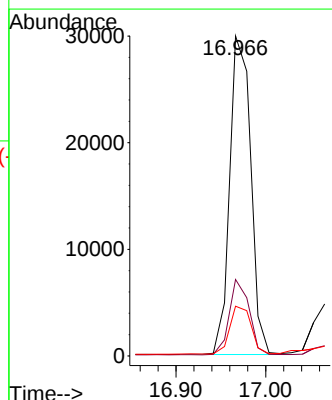
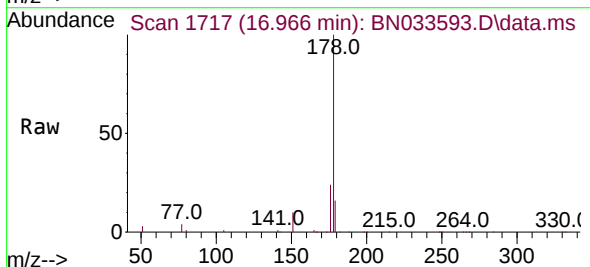
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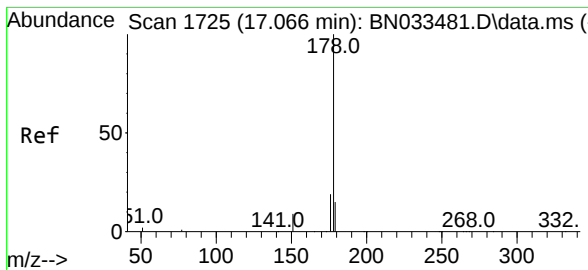
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#25
Phenanthrene
Concen: 0.766 ng
RT: 16.966 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

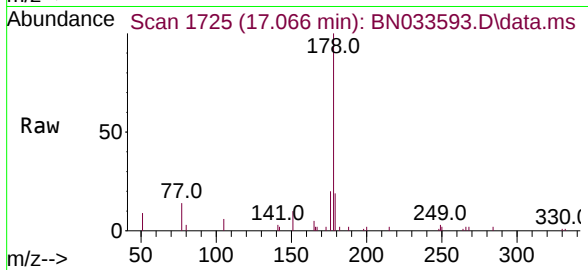
Tgt Ion:178 Resp: 48586
Ion Ratio Lower Upper
178 100
176 22.4 15.3 22.9
179 15.3 12.3 18.5





#26
 Anthracene
 Concen: 0.123 ng
 RT: 17.066 min Scan# 1725
 Delta R.T. -0.000 min
 Lab File: BN033593.D
 Acq: 23 Aug 2024 17:11

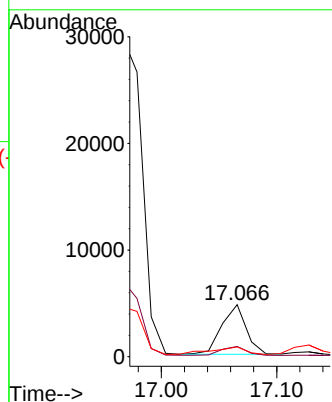
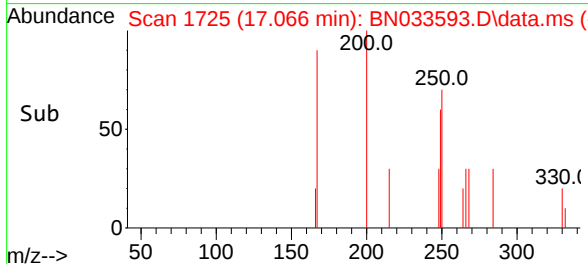
Instrument :
 BNA_N
 ClientSampleId :
 S-906-J-0-0.5-081624DL



Tgt Ion:	178	Resp:	688
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.0	22.6
179	21.0	12.4	18.6

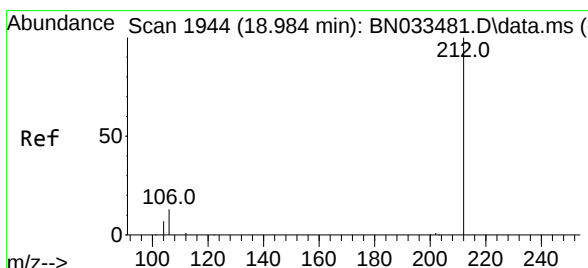
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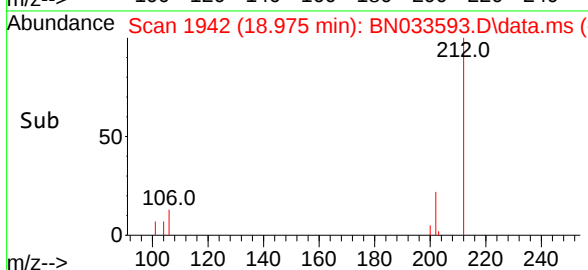
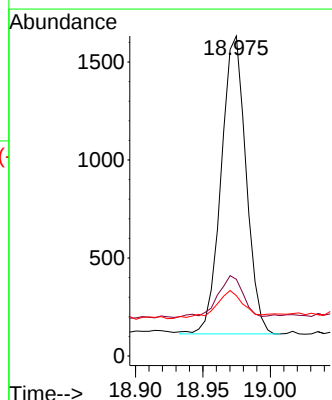
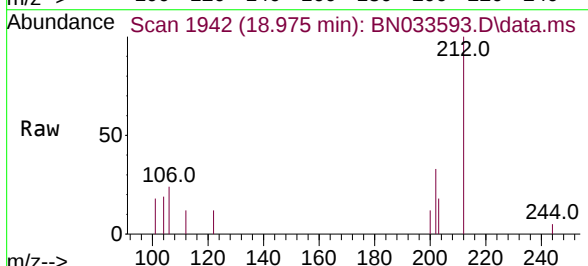
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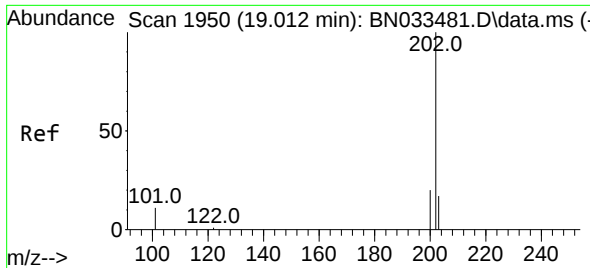
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#27
 Fluoranthene-d10
 Concen: 0.035 ng
 RT: 18.975 min Scan# 1942
 Delta R.T. 0.004 min
 Lab File: BN033593.D
 Acq: 23 Aug 2024 17:11

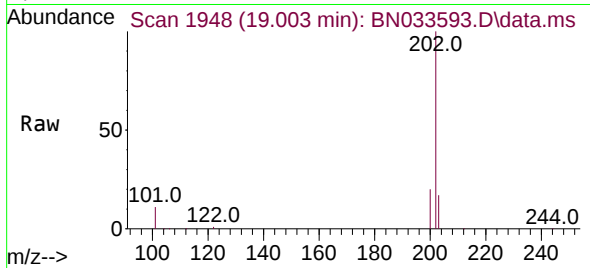
Tgt Ion:	212	Resp:	1944
Ion Ratio	Lower	Upper	
212	100		
106	14.3	12.3	18.5
104	10.5	7.0	10.4





#28
Fluoranthene
Concen: 1.785 ng
RT: 19.003 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

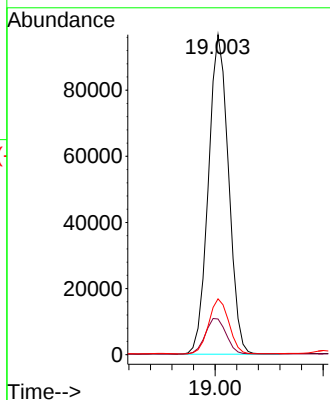
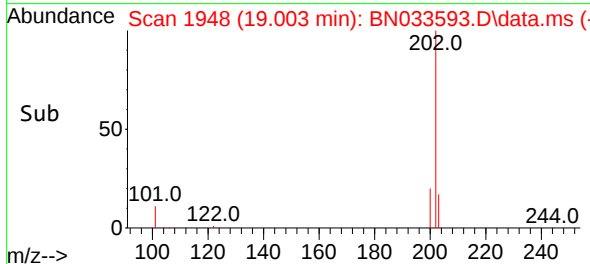
Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL



Tgt Ion:202 Resp: 12521
Ion Ratio Lower Upper
202 100
101 11.6 9.5 14.3
203 17.2 13.8 20.6

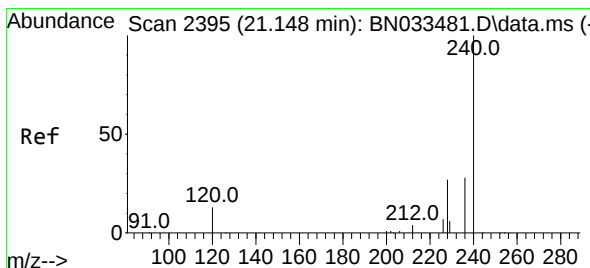
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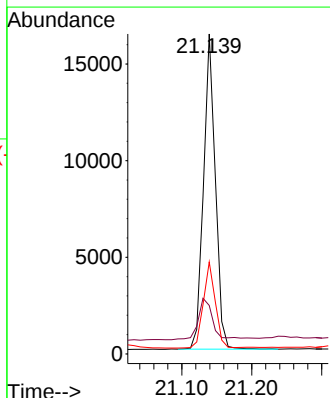
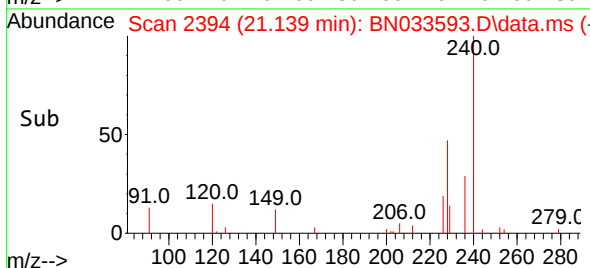
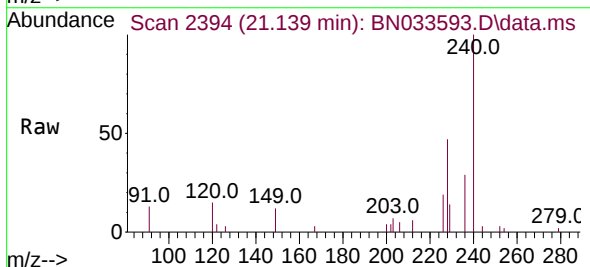
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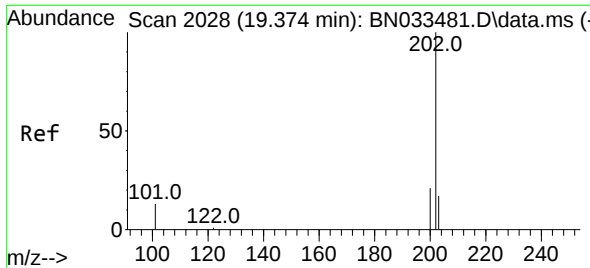
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#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

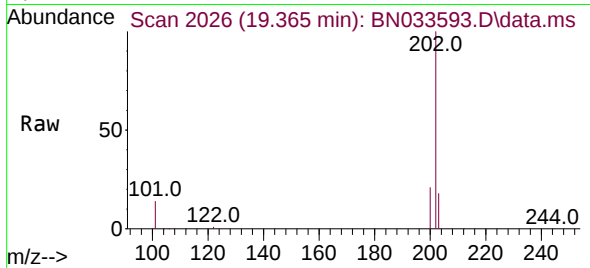
Tgt Ion:240 Resp: 19264
Ion Ratio Lower Upper
240 100
120 15.1 12.4 18.6
236 28.8 23.0 34.6





#30
Pyrene
Concen: 1.237 ng
RT: 19.365 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

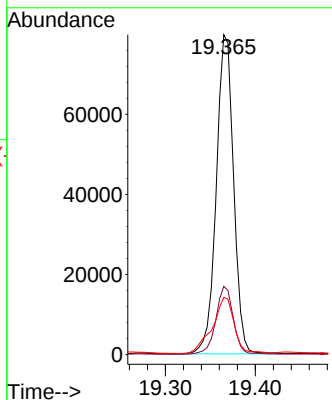
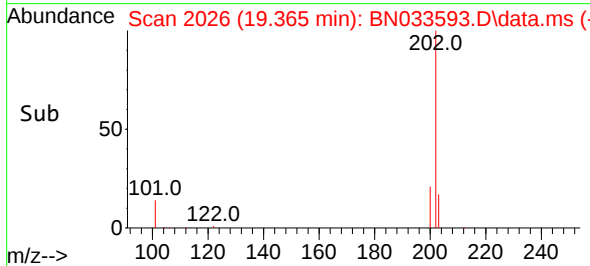
Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL



Tgt Ion:202 Resp: 106380
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 22.1 14.2 21.4

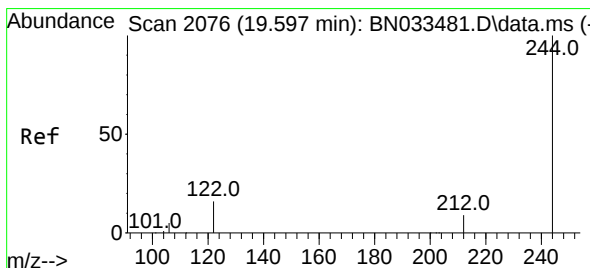
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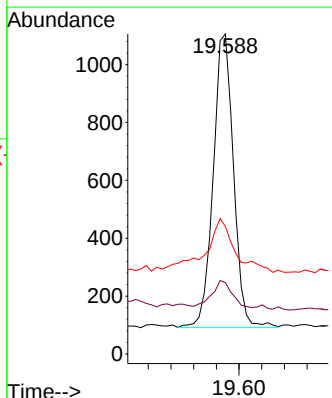
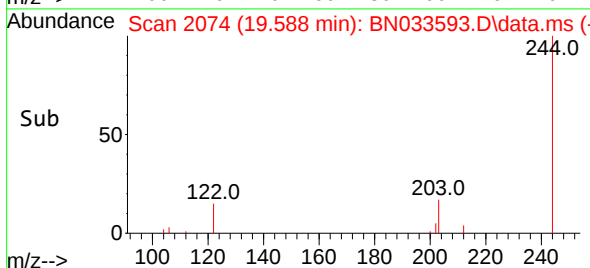
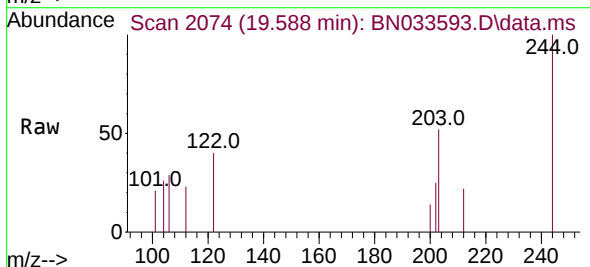
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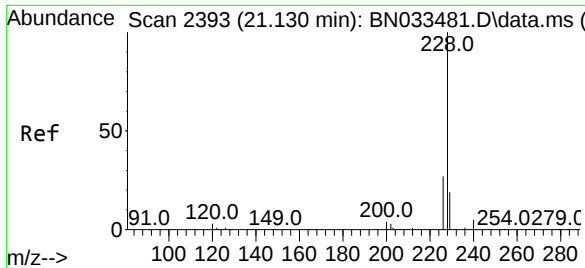
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#31
Terphenyl-d14
Concen: 0.029 ng
RT: 19.588 min Scan# 2074
Delta R.T. 0.004 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

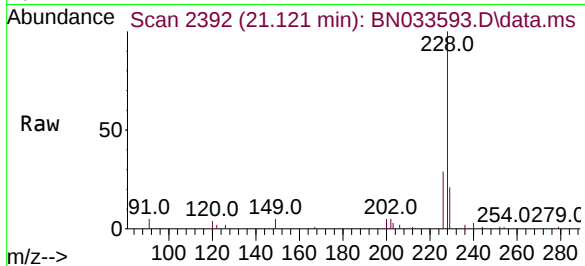
Tgt Ion:244 Resp: 1257
Ion Ratio Lower Upper
244 100
212 22.3 7.8 11.6#
122 39.9 13.3 19.9#





#32
Benzo(a)anthracene
Concen: 0.761 ng
RT: 21.121 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

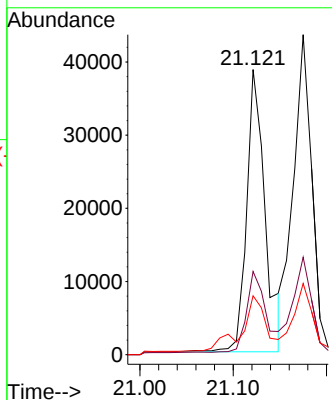
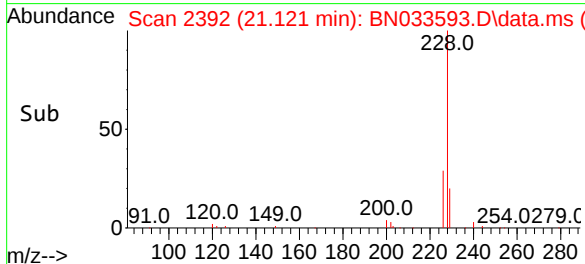
Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL



Tgt Ion:228 Resp: 53000
Ion Ratio Lower Upper
228 100
226 29.2 21.8 32.6
229 20.7 15.8 23.6

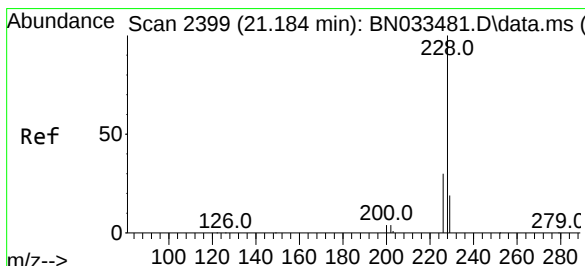
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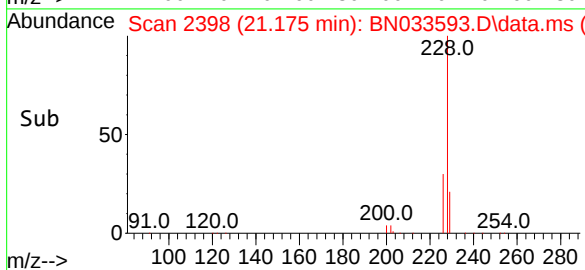
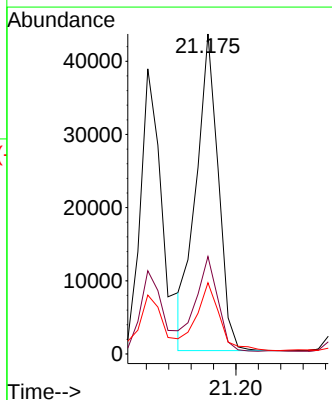
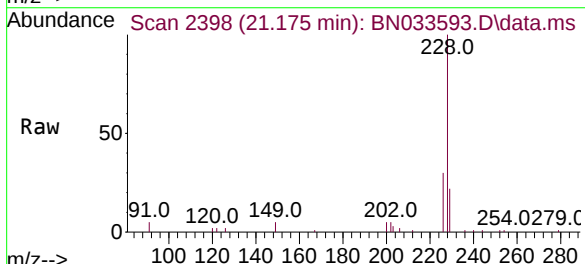
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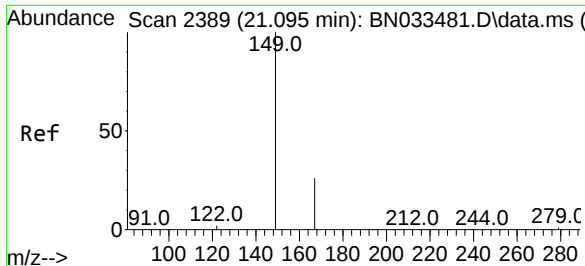
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#33
Chrysene
Concen: 0.861 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

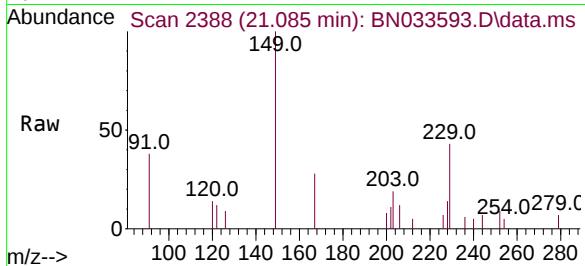
Tgt Ion:228 Resp: 59586
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 22.3 15.6 23.4





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng m
RT: 21.085 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

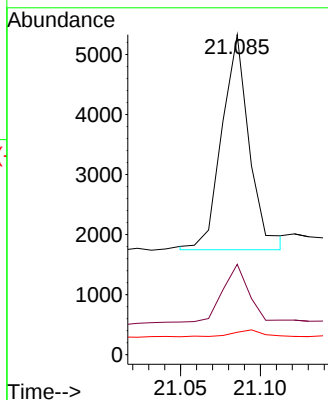
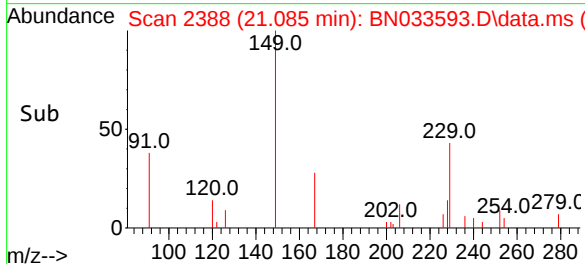
Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL



Tgt Ion:149 Resp: 429
Ion Ratio Lower Upper
149 100
167 122.5 21.5 32.3
279 57.5 2.2 3.2

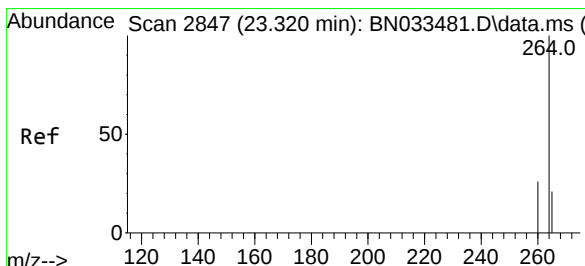
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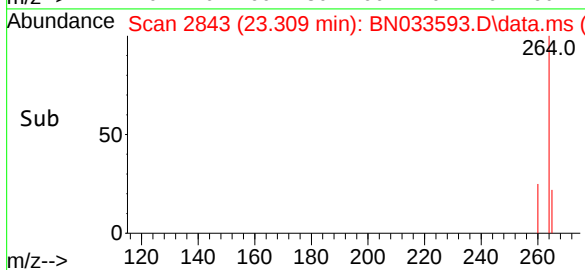
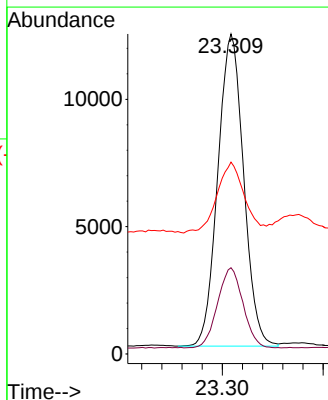
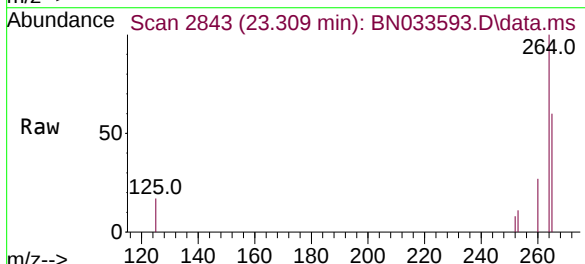
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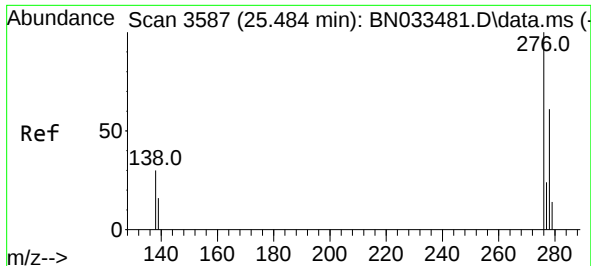
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#35
Perylene-d12
Concen: 0.400 ng
RT: 23.309 min Scan# 2843
Delta R.T. 0.006 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

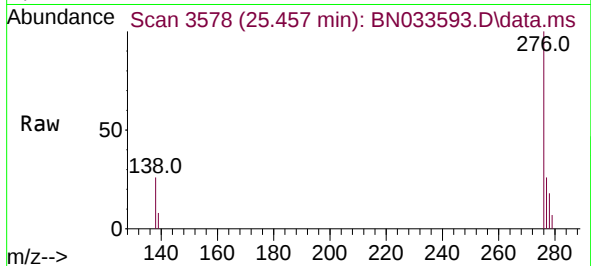
Tgt Ion:264 Resp: 21733
Ion Ratio Lower Upper
264 100
260 26.9 20.8 31.2
265 59.9 52.2 78.2





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.523 ng
RT: 25.457 min Scan# 3587
Delta R.T. 0.009 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

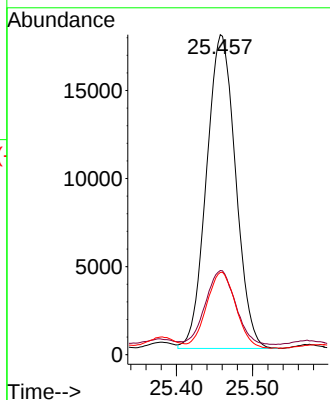
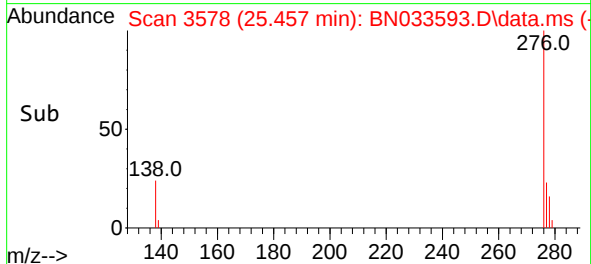
Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL



Tgt Ion:276 Resp: 4721
Ion Ratio Lower Upper
276 100
138 24.1 24.4 36.6
277 24.4 19.8 29.6

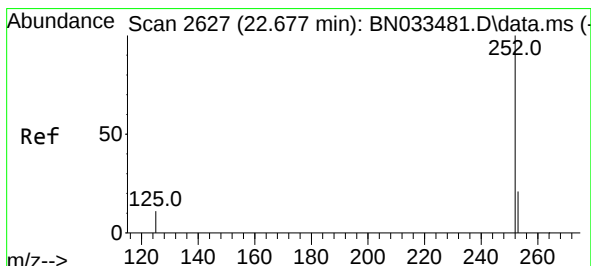
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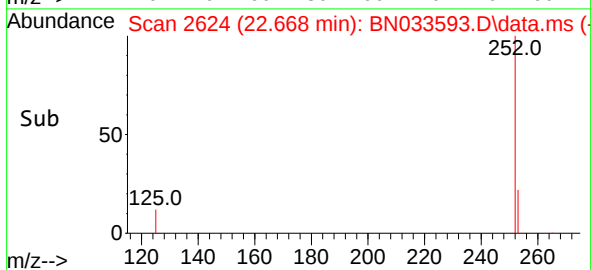
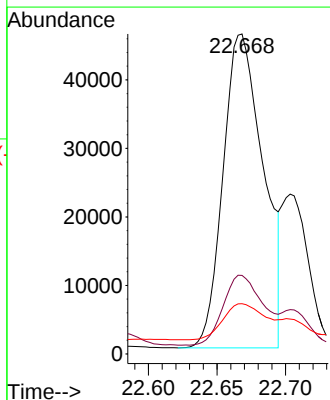
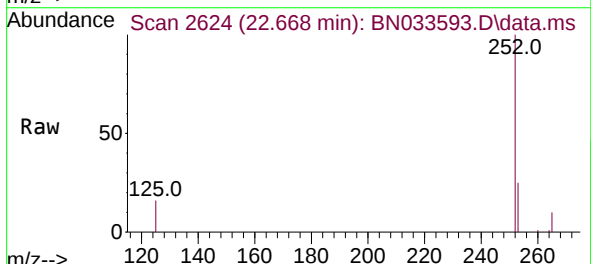
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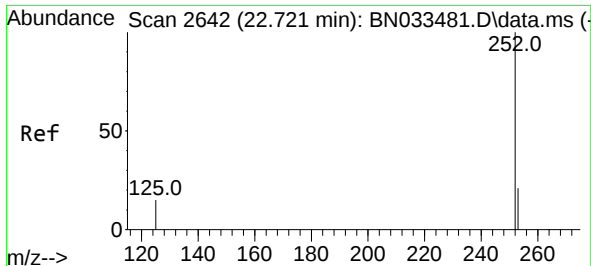
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#37
Benzo(b)fluoranthene
Concen: 1.152 ng
RT: 22.668 min Scan# 2624
Delta R.T. 0.009 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

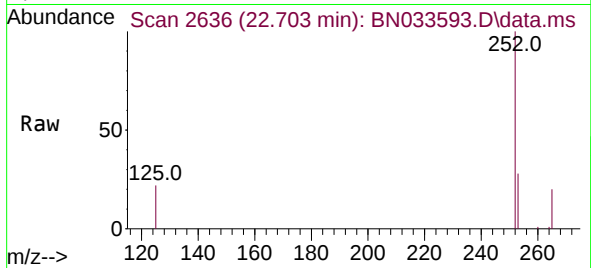
Tgt Ion:252 Resp: 93531
Ion Ratio Lower Upper
252 100
253 24.6 19.8 29.8
125 15.7 13.9 20.9





#38
Benzo(k)fluoranthene
Concen: 0.388 ng m
RT: 22.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

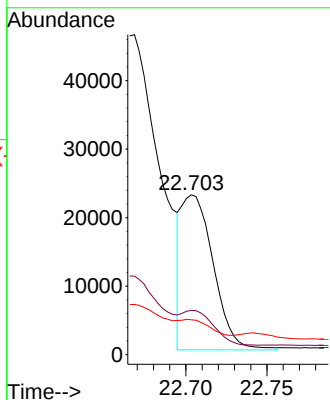
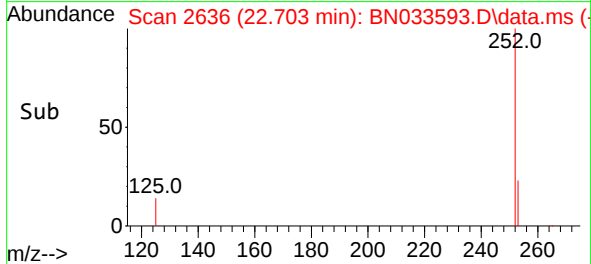
Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL



Tgt Ion:252 Resp: 31010
Ion Ratio Lower Upper
252 100
253 27.8 19.8 29.8
125 21.9 15.8 23.8

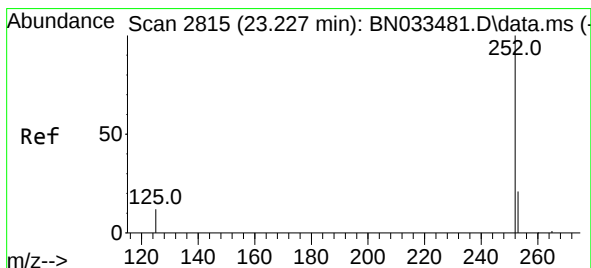
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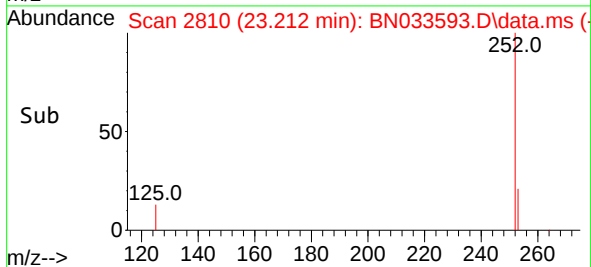
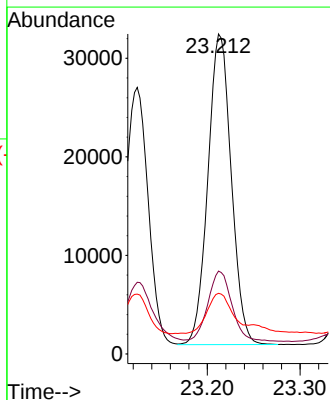
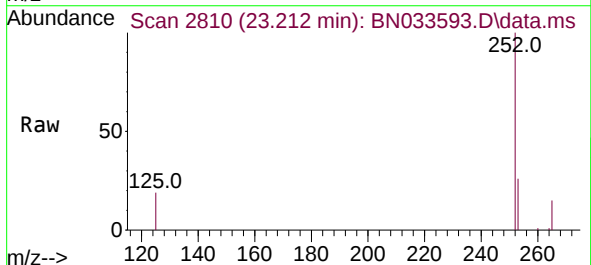
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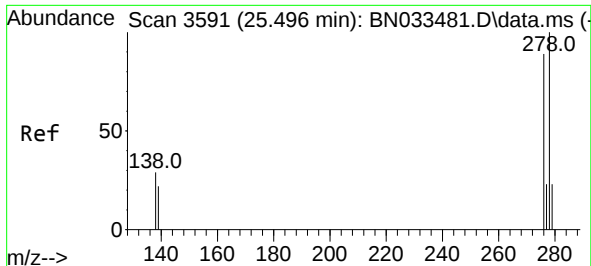
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#39
Benzo(a)pyrene
Concen: 0.821 ng
RT: 23.212 min Scan# 2810
Delta R.T. 0.003 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

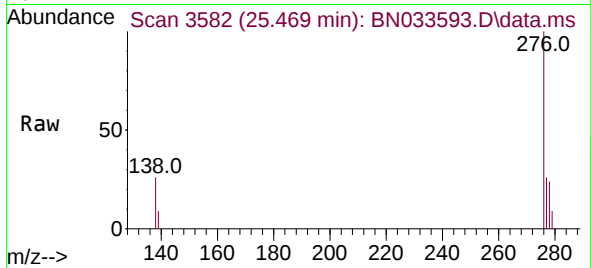
Tgt Ion:252 Resp: 55119
Ion Ratio Lower Upper
252 100
253 25.9 21.5 32.3
125 19.0 17.0 25.4





#40
Dibenzo(a,h)anthracene
Concen: 0.147 ng
RT: 25.469 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

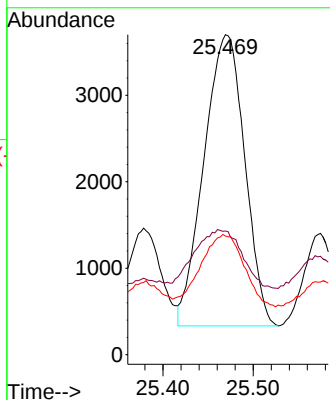
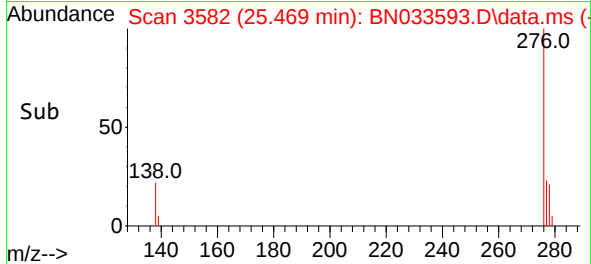
Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624DL



Tgt Ion:278 Resp: 10578
Ion Ratio Lower Upper
278 100
139 38.7 19.1 28.7
279 37.1 21.0 31.4

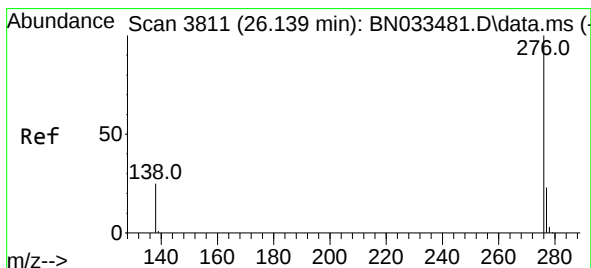
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Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024



08/24/2024
Supervised By :mohammad
ahmed

08/29/2024



#41
Benzo(g,h,i)perylene
Concen: 0.617 ng
RT: 26.112 min Scan# 3802
Delta R.T. 0.009 min
Lab File: BN033593.D
Acq: 23 Aug 2024 17:11

Tgt Ion:276 Resp: 47625
Ion Ratio Lower Upper
276 100
277 25.3 19.7 29.5
138 26.6 21.8 32.6

