

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
 Data File : BN033602.D
 Acq On : 23 Aug 2024 23:19
 Operator : MA/JU
 Sample : P3707-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-913-K1-SO-0.5-1-082024

Quant Time: Aug 24 02:19:54 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)

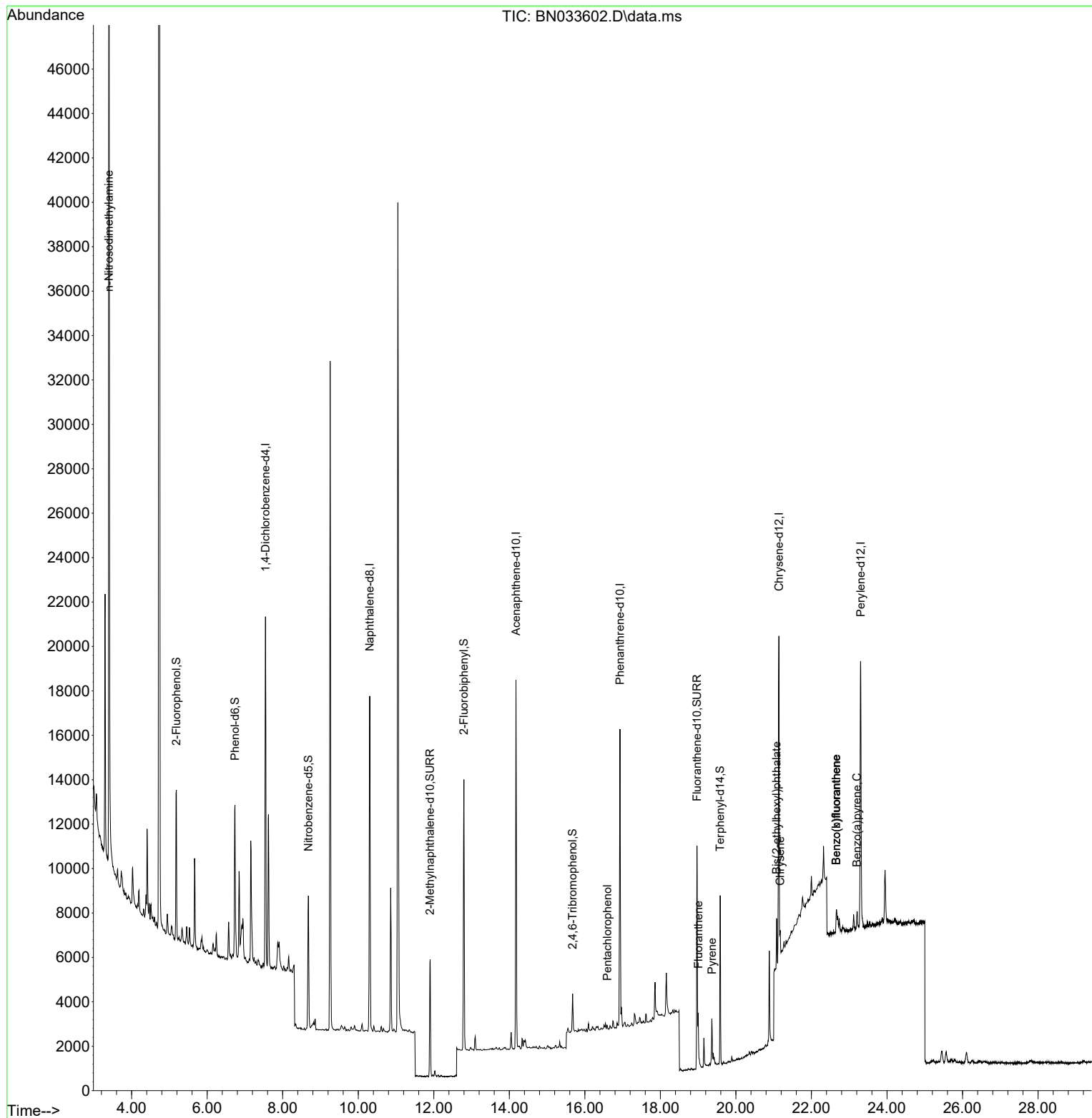
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7288	0.400	ng	0.00
7) Naphthalene-d8	10.303	136	18884	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	8618	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	16115	0.400	ng	0.00
29) Chrysene-d12	21.139	240	13057	0.400	ng	# 0.00
35) Perylene-d12	23.303	264	14548	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	5022	0.217	ng	0.00
5) Phenol-d6	6.736	99	6129	0.222	ng	0.00
8) Nitrobenzene-d5	8.681	82	4353	0.278	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	6978	0.258	ng	0.00
14) 2,4,6-Tribromophenol	15.675	330	899	0.194	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	10102	0.287	ng	0.00
27) Fluoranthene-d10	18.970	212	10508	0.271	ng	0.00
31) Terphenyl-d14	19.583	244	6880	0.232	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.399	42	6838	0.701	ng	# 1
24) Pentachlorophenol	16.594	266	111	0.024	ng	# 84
28) Fluoranthene	19.003	202	2011	0.041	ng	# 95
30) Pyrene	19.365	202	1855	0.032	ng	# 93
33) Chrysene	21.175	228	1213	0.026	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.076	149	9173	0.307	ng	# 70
37) Benzo(b)fluoranthene	22.659	252	1521	0.028	ng	# 1
38) Benzo(k)fluoranthene	22.659	252	1521	0.028	ng	# 1
39) Benzo(a)pyrene	23.206	252	961	0.021	ng	# 1

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

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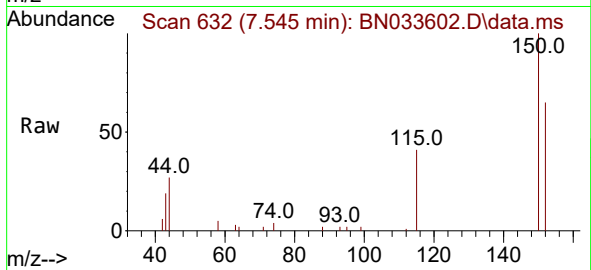
Quant Time: Aug 24 02:19:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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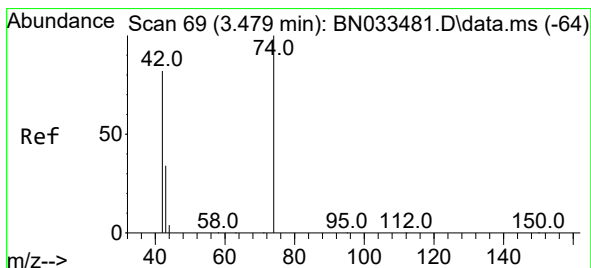
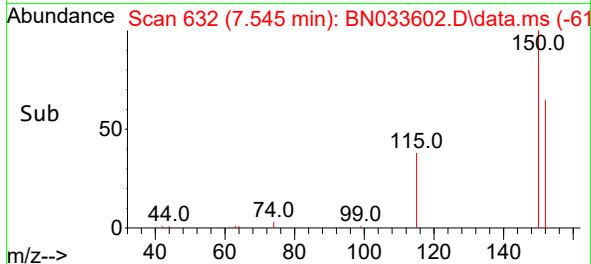
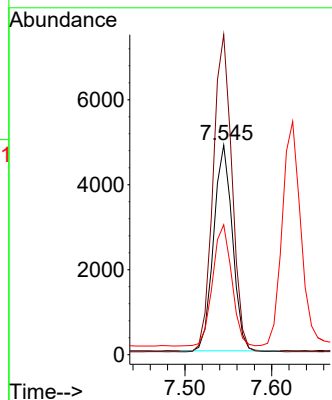


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0.5-1-082024

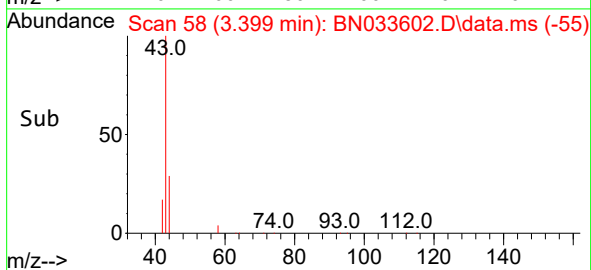
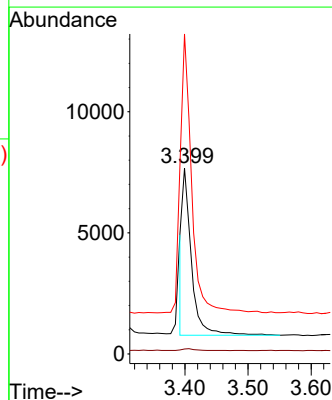
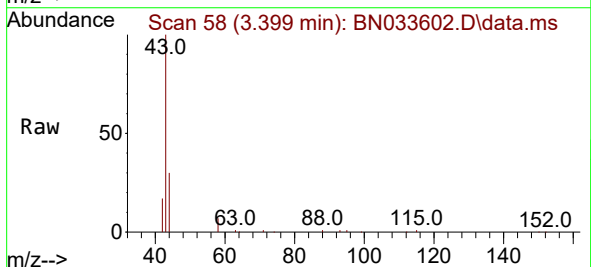


Tgt Ion:152 Resp: 7288
Ion Ratio Lower Upper
152 100
150 152.7 122.2 183.2
115 62.0 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.701 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.080 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

Tgt Ion: 42 Resp: 6838
Ion Ratio Lower Upper
42 100
74 1.2 100.2 150.2#
44 168.1 5.3 7.9#

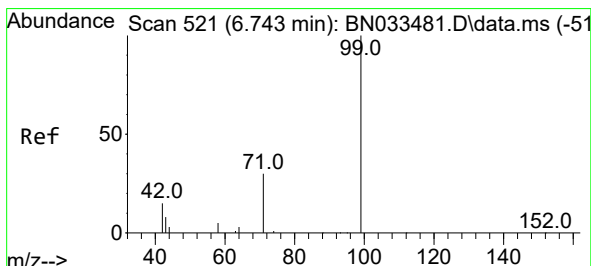
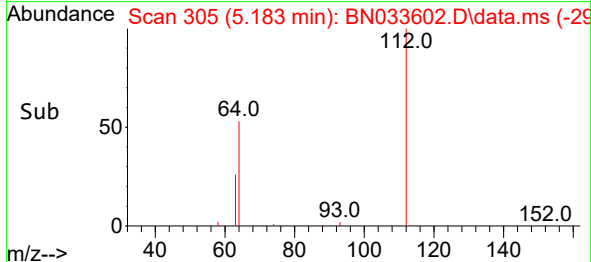
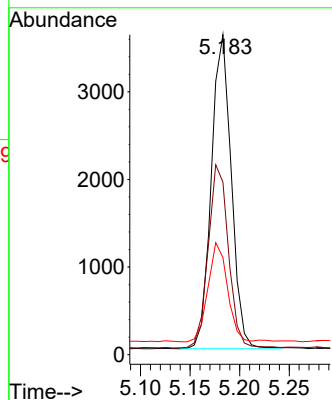
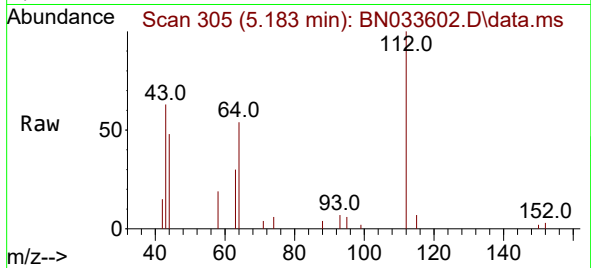




#4
2-Fluorophenol
Concen: 0.217 ng
RT: 5.183 min Scan# 306
Delta R.T. 0.007 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

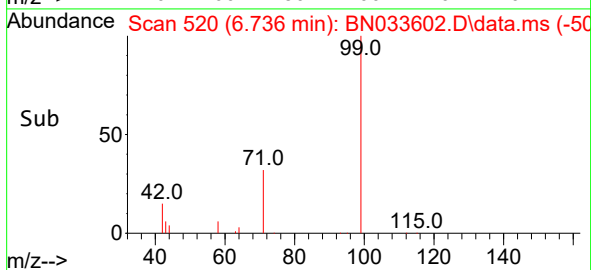
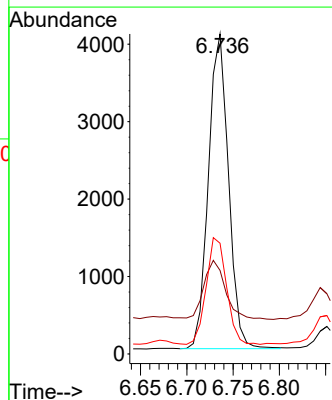
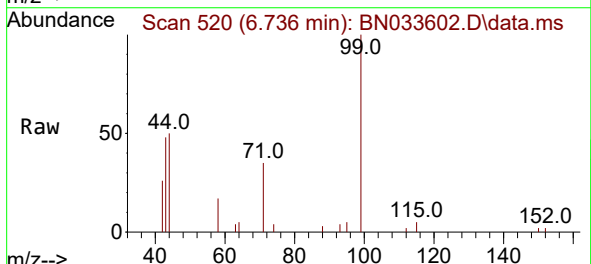
Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0.5-1-082024

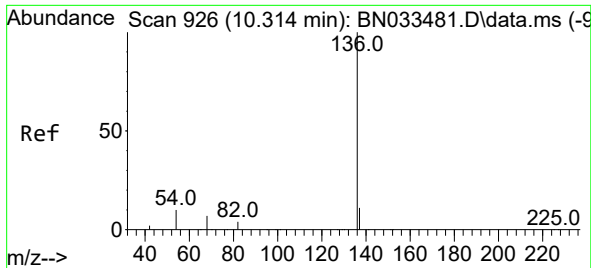
Tgt Ion:112 Resp: 5022
Ion Ratio Lower Upper
112 100
64 59.3 47.1 70.7
63 30.8 24.9 37.3



#5
Phenol-d6
Concen: 0.222 ng
RT: 6.736 min Scan# 520
Delta R.T. 0.007 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

Tgt Ion: 99 Resp: 6129
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 34.3 26.2 39.4

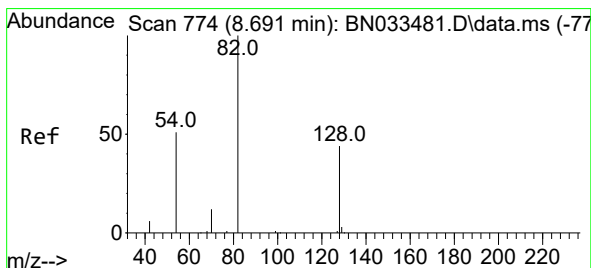
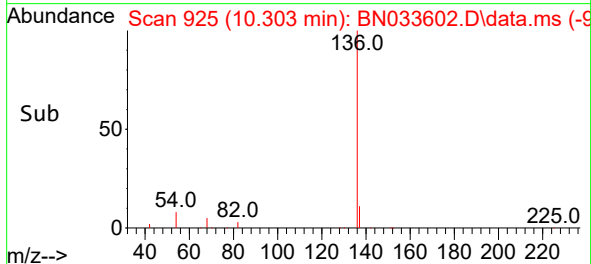
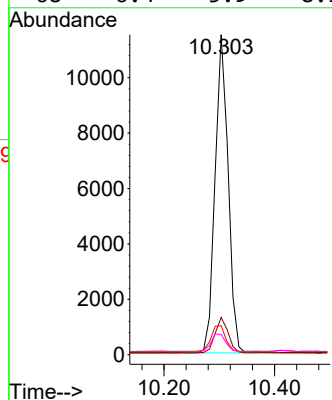
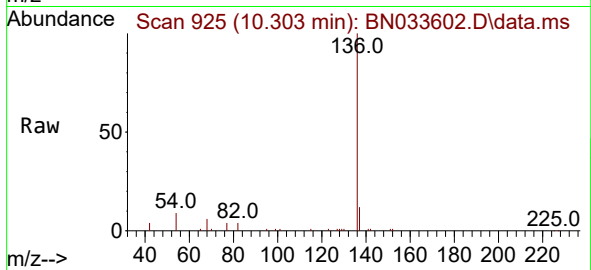




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.303 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

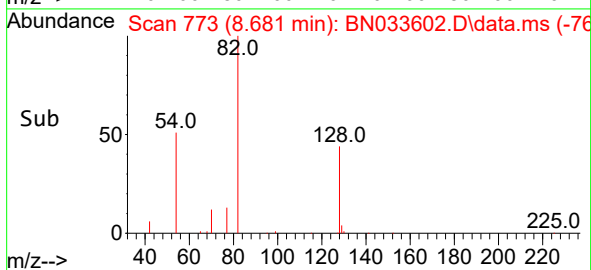
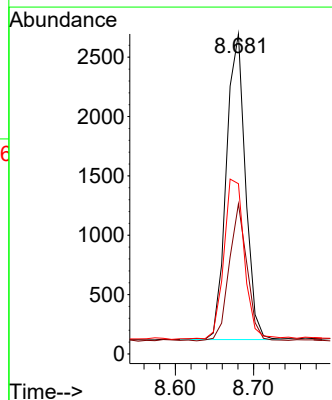
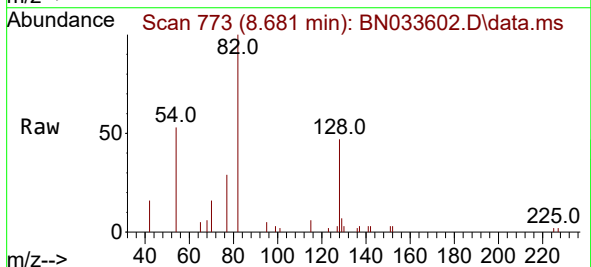
Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0.5-1-082024

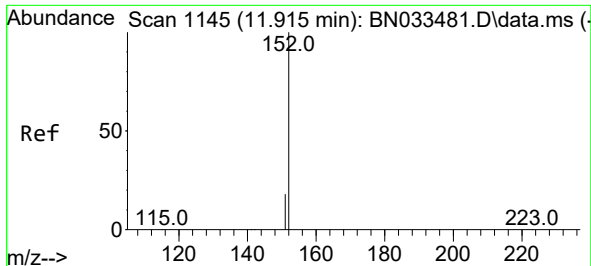
Tgt Ion:	136	Resp:	18884
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.6
54	9.1	8.3	12.5
68	6.4	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.000 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

Tgt Ion:	82	Resp:	4353
Ion Ratio	Lower	Upper	
82	100		
128	46.9	36.0	54.0
54	53.2	42.0	63.0

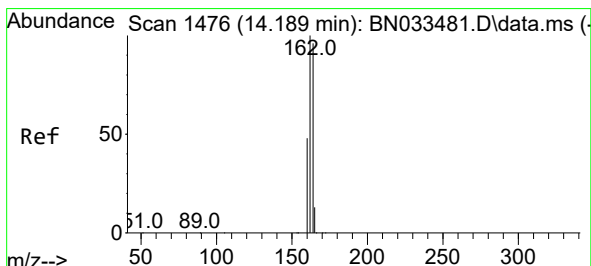
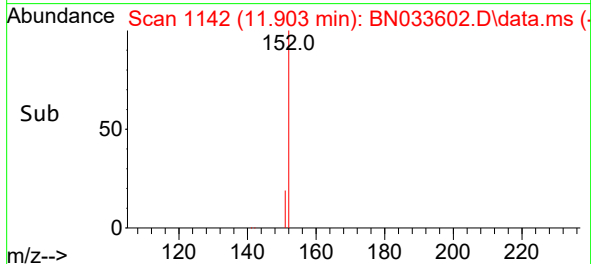
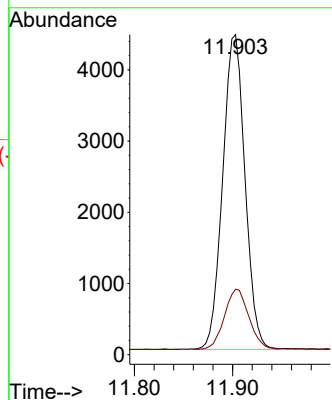
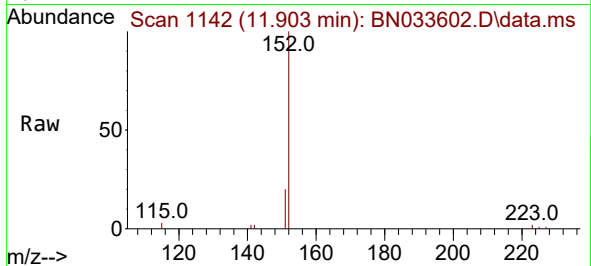




#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 11.903 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

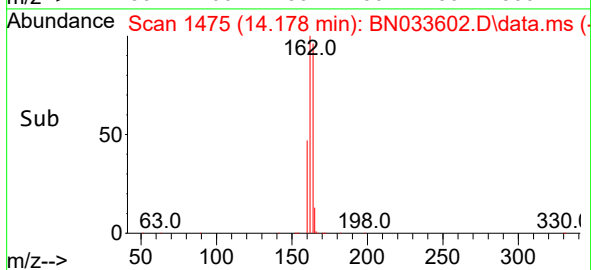
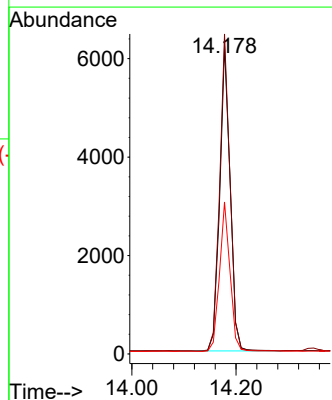
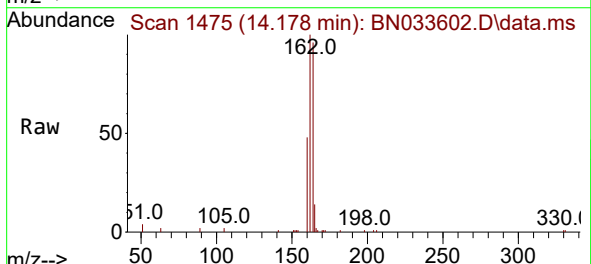
Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0.5-1-082024

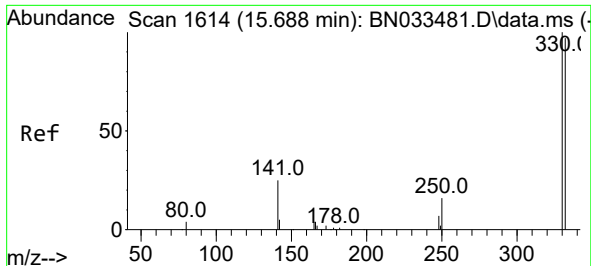
Tgt Ion:152 Resp: 6978
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

Tgt Ion:164 Resp: 8618
Ion Ratio Lower Upper
164 100
162 103.8 83.5 125.3
160 49.3 40.2 60.4

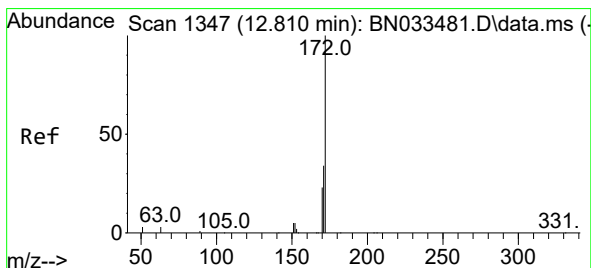
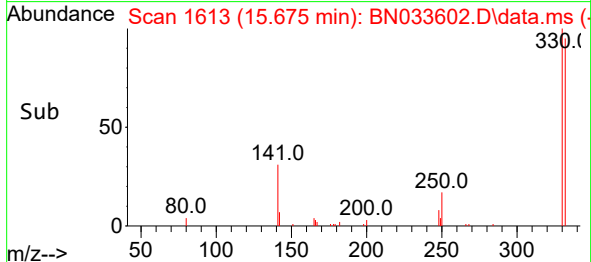
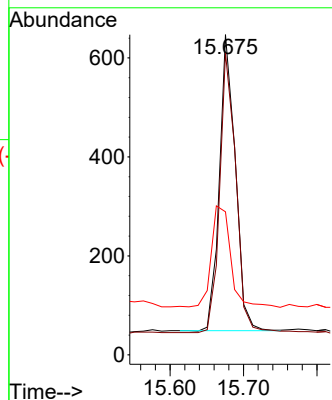
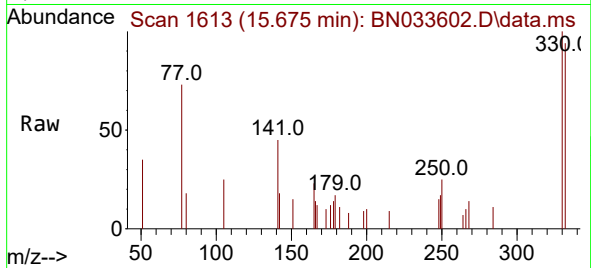




#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.675 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

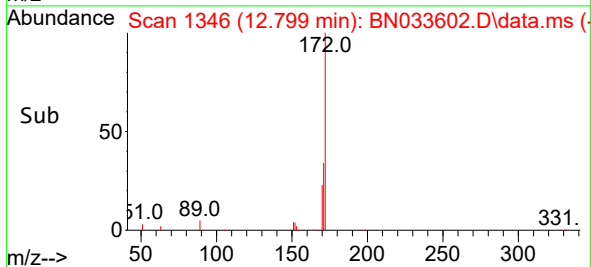
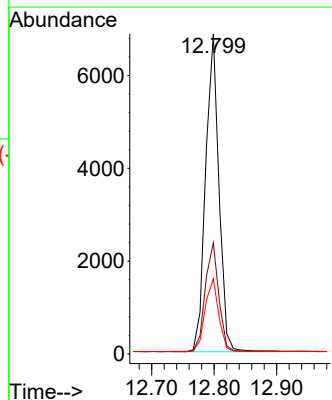
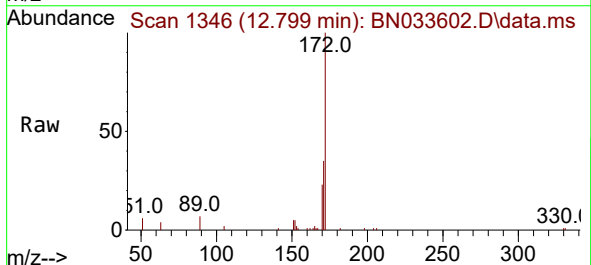
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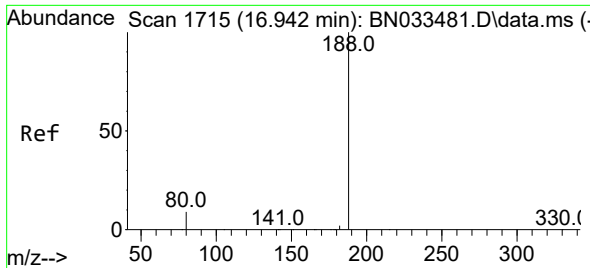
Tgt Ion:330 Resp: 899
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 41.7 33.9 50.9



#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

Tgt Ion:172 Resp: 10102
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 23.4 18.3 27.5

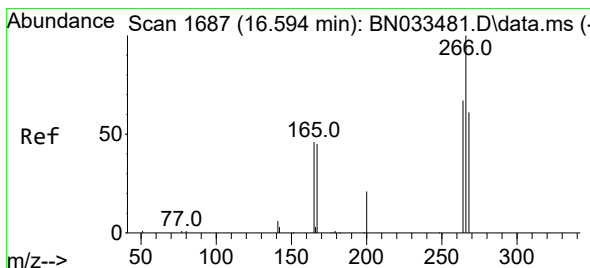
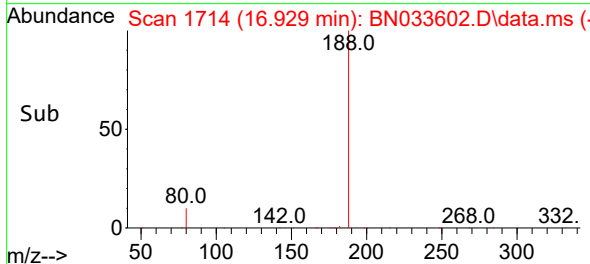
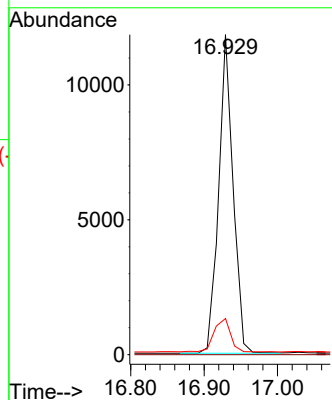
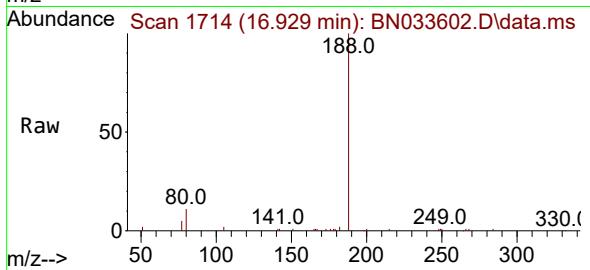




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

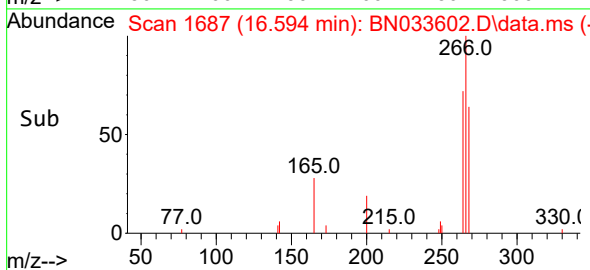
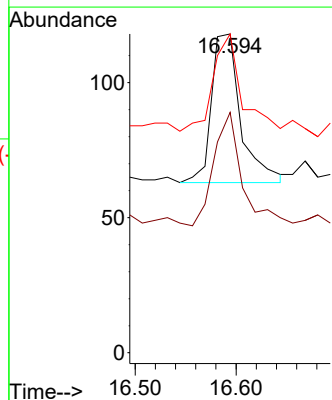
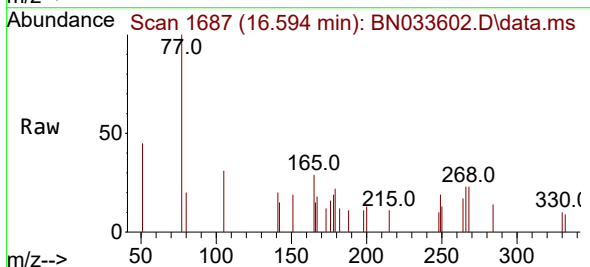
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ClientSampleId :
S-913-K1-SO-0.5-1-082024

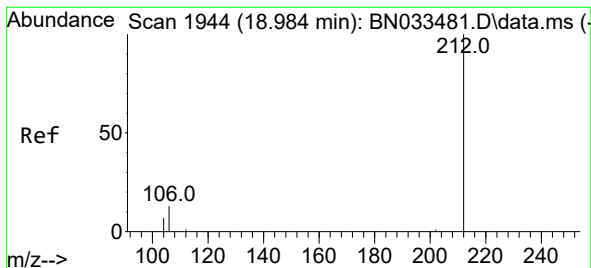
Tgt Ion:188 Resp: 16115
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 7.8 11.8



#24
Pentachlorophenol
Concen: 0.024 ng
RT: 16.594 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

Tgt Ion:266 Resp: 111
Ion Ratio Lower Upper
266 100
264 73.9 51.9 77.9
268 79.3 51.0 76.4#





#27

Fluoranthene-d10

Concen: 0.271 ng

RT: 18.970 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BN033602.D

Acq: 23 Aug 2024 23:19

Instrument :

BNA_N

ClientSampleId :

S-913-K1-SO-0.5-1-082024

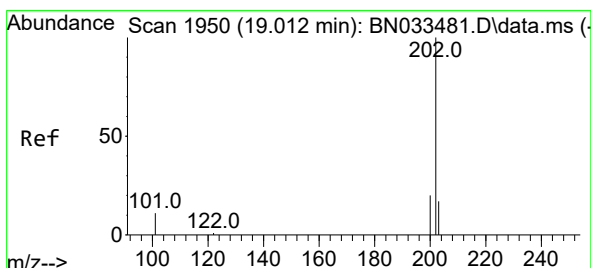
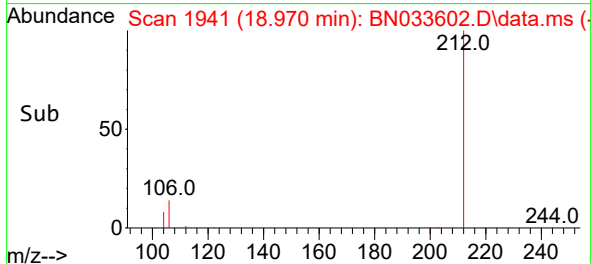
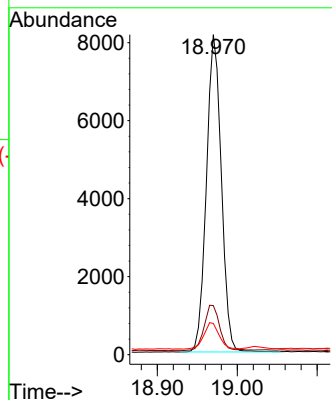
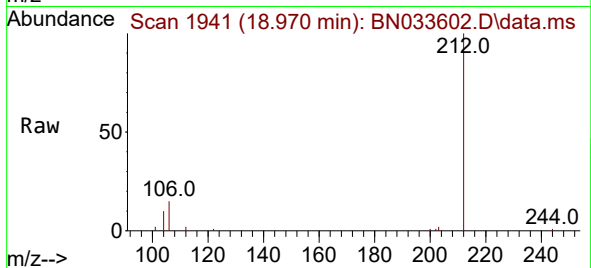
Tgt Ion:212 Resp: 10508

Ion Ratio Lower Upper

212 100

106 14.8 12.3 18.5

104 8.6 7.0 10.4



#28

Fluoranthene

Concen: 0.041 ng

RT: 19.003 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BN033602.D

Acq: 23 Aug 2024 23:19

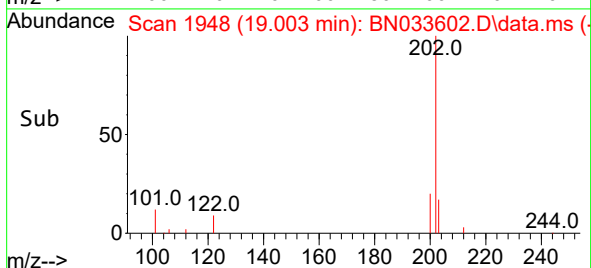
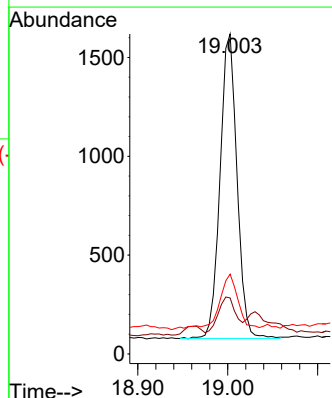
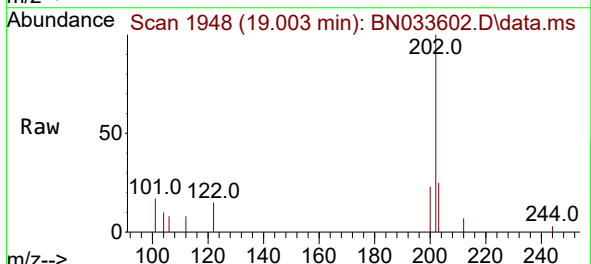
Tgt Ion:202 Resp: 2011

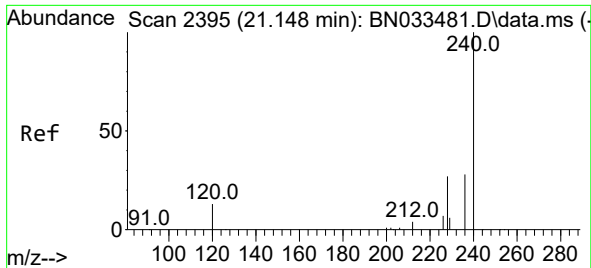
Ion Ratio Lower Upper

202 100

101 12.4 9.5 14.3

203 20.7 13.8 20.6#

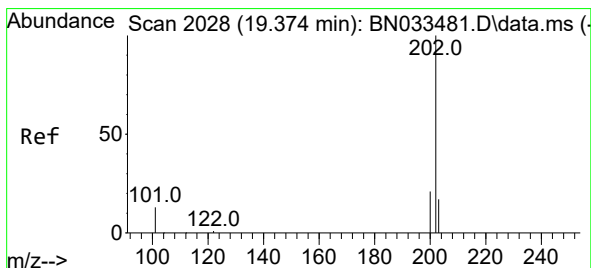
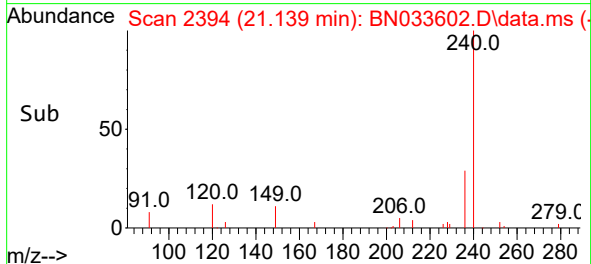
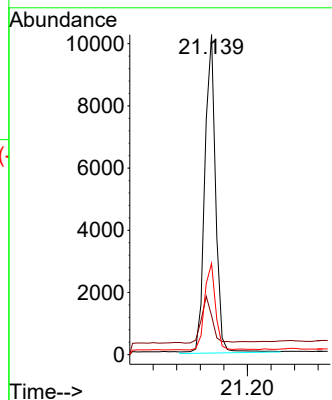
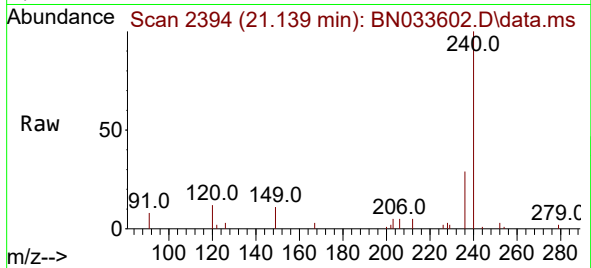




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

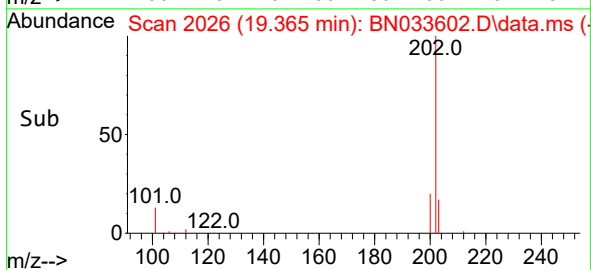
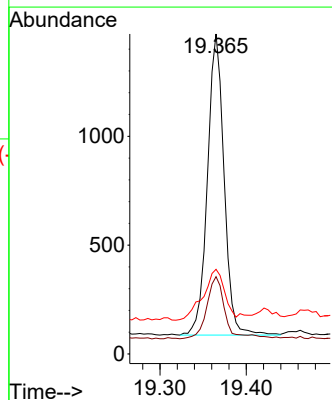
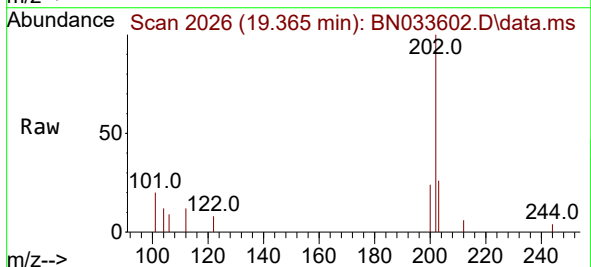
Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0.5-1-082024

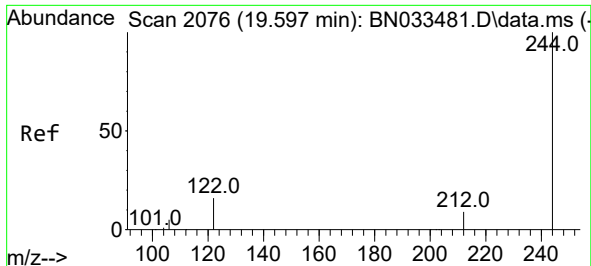
Tgt Ion:240 Resp: 13057
Ion Ratio Lower Upper
240 100
120 12.1 12.4 18.6#
236 28.5 23.0 34.6



#30
Pyrene
Concen: 0.032 ng
RT: 19.365 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

Tgt Ion:202 Resp: 1855
Ion Ratio Lower Upper
202 100
200 22.7 16.6 24.8
203 21.8 14.2 21.4#

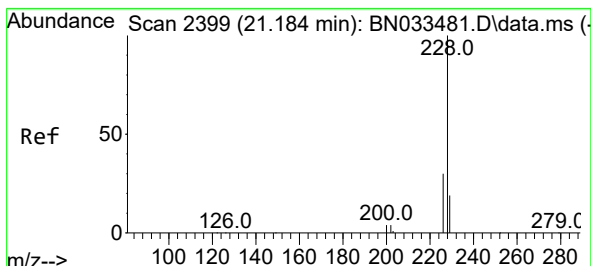
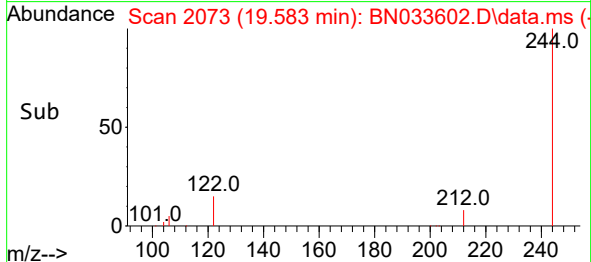
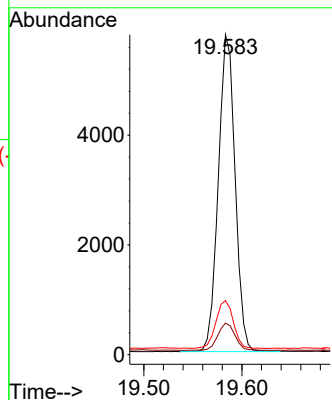
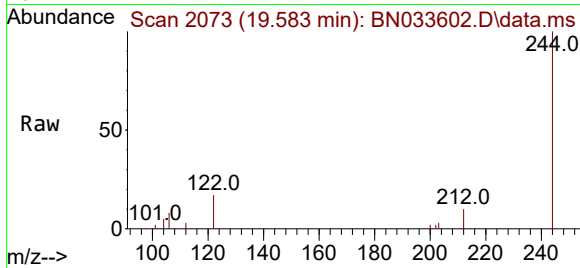




#31
 Terphenyl-d14
 Concen: 0.232 ng
 RT: 19.583 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: BN033602.D
 Acq: 23 Aug 2024 23:19

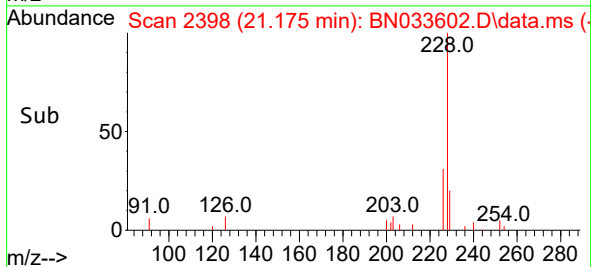
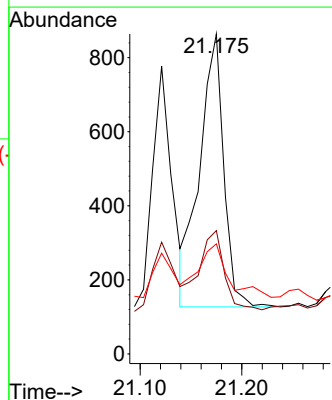
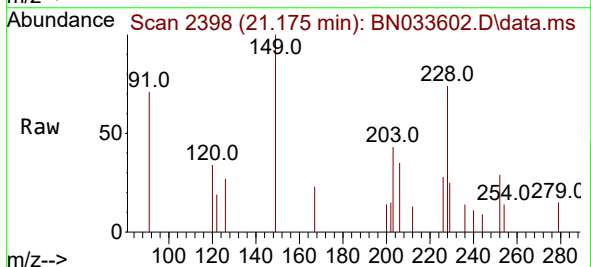
Instrument :
 BNA_N
 ClientSampleId :
 S-913-K1-SO-0.5-1-082024

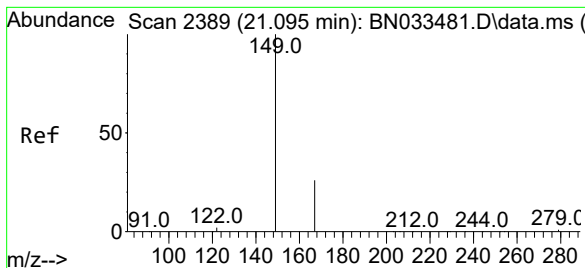
Tgt Ion:244	Resp:	6880
Ion Ratio	Lower	Upper
244	100	
212	9.8	7.8 11.6
122	16.9	13.3 19.9



#33
 Chrysene
 Concen: 0.026 ng
 RT: 21.175 min Scan# 2398
 Delta R.T. -0.000 min
 Lab File: BN033602.D
 Acq: 23 Aug 2024 23:19

Tgt Ion:228	Resp:	1213
Ion Ratio	Lower	Upper
228	100	
226	38.5	23.8 35.8#
229	34.4	15.6 23.4#

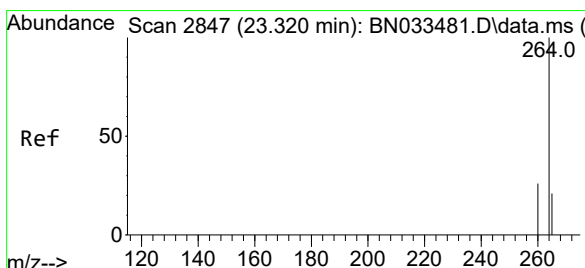
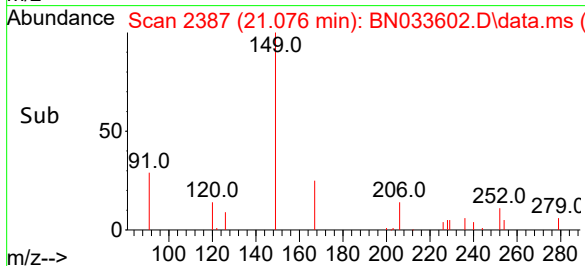
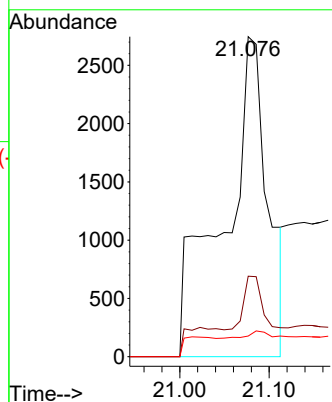
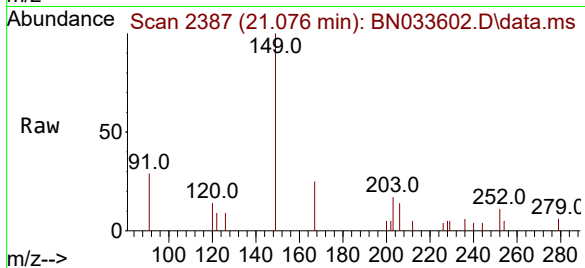




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.307 ng
RT: 21.076 min Scan# 2107
Delta R.T. -0.009 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

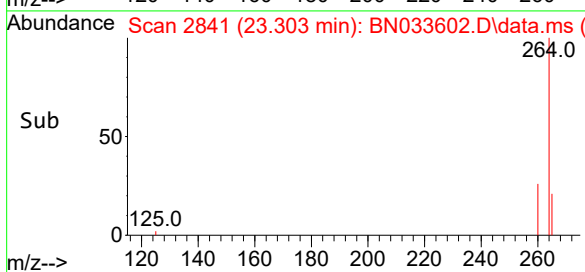
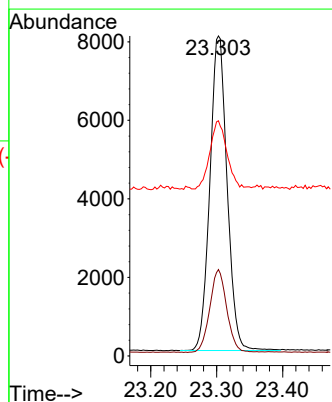
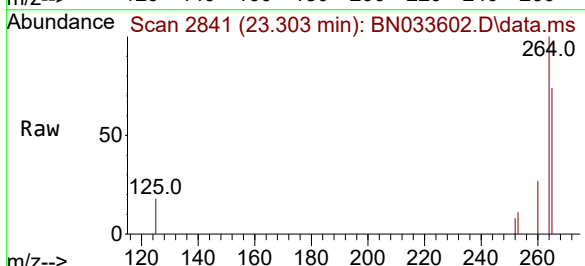
Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0.5-1-082024

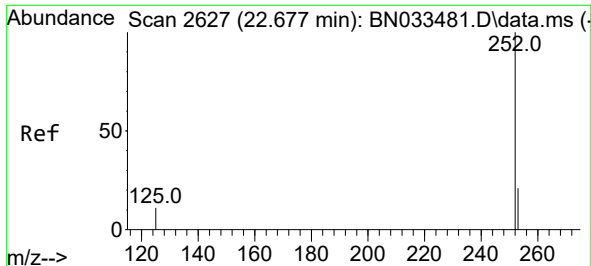
Tgt Ion:149 Resp: 9173
Ion Ratio Lower Upper
149 100
167 9.9 21.5 32.3#
279 3.2 2.2 3.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.303 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

Tgt Ion:264 Resp: 14548
Ion Ratio Lower Upper
264 100
260 27.0 20.8 31.2
265 73.5 52.2 78.2

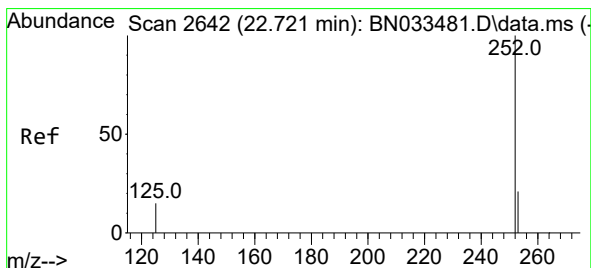
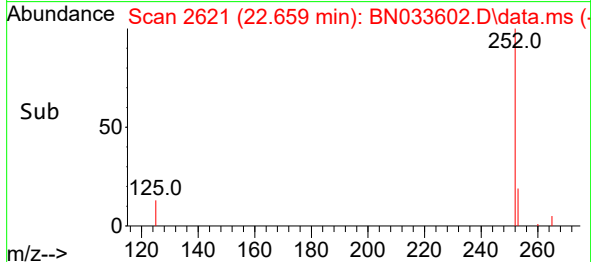
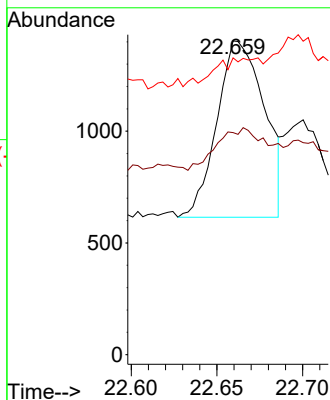
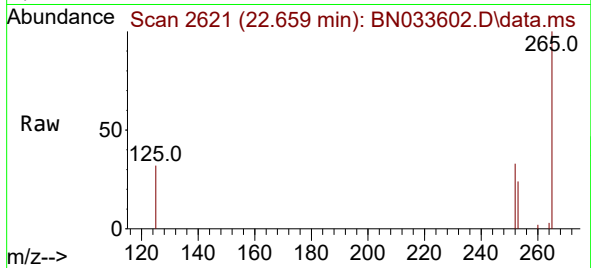




#37
Benzo(b)fluoranthene
Concen: 0.028 ng
RT: 22.659 min Scan# 2621
Delta R.T. -0.000 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

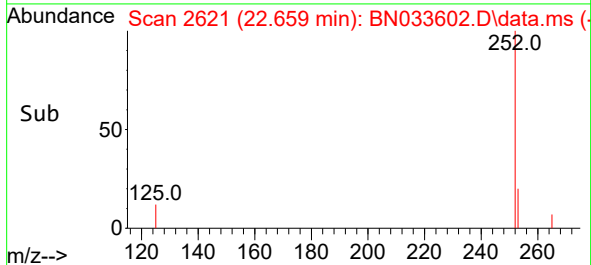
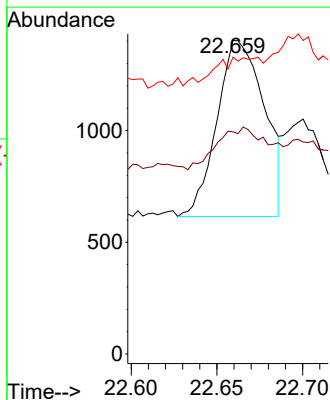
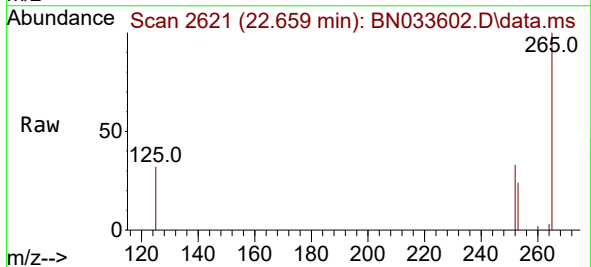
Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0.5-1-082024

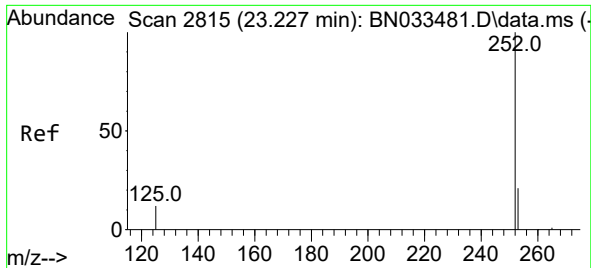
Tgt Ion:252 Resp: 1521
Ion Ratio Lower Upper
252 100
253 70.8 19.8 29.8#
125 94.6 13.9 20.9#



#38
Benzo(k)fluoranthene
Concen: 0.028 ng
RT: 22.659 min Scan# 2621
Delta R.T. -0.044 min
Lab File: BN033602.D
Acq: 23 Aug 2024 23:19

Tgt Ion:252 Resp: 1521
Ion Ratio Lower Upper
252 100
253 70.8 19.8 29.8#
125 94.6 15.8 23.8#





#39

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.206 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033602.D

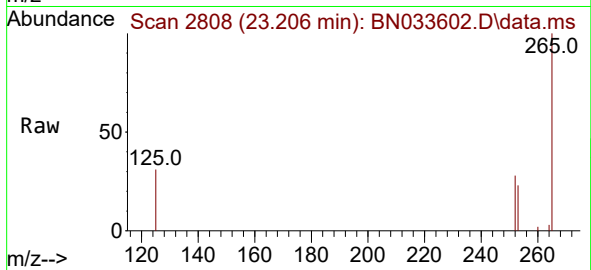
Acq: 23 Aug 2024 23:19

Instrument :

BNA_N

ClientSampleId :

S-913-K1-SO-0.5-1-082024



Tgt Ion:252 Resp: 961

Ion Ratio Lower Upper

252 100

253 85.3 21.5 32.3#

125 112.5 17.0 25.4#

