

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033497.D
 Acq On : 20 Aug 2024 09:46
 Operator : MA/JU
 Sample : P3646-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 20 10:48:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

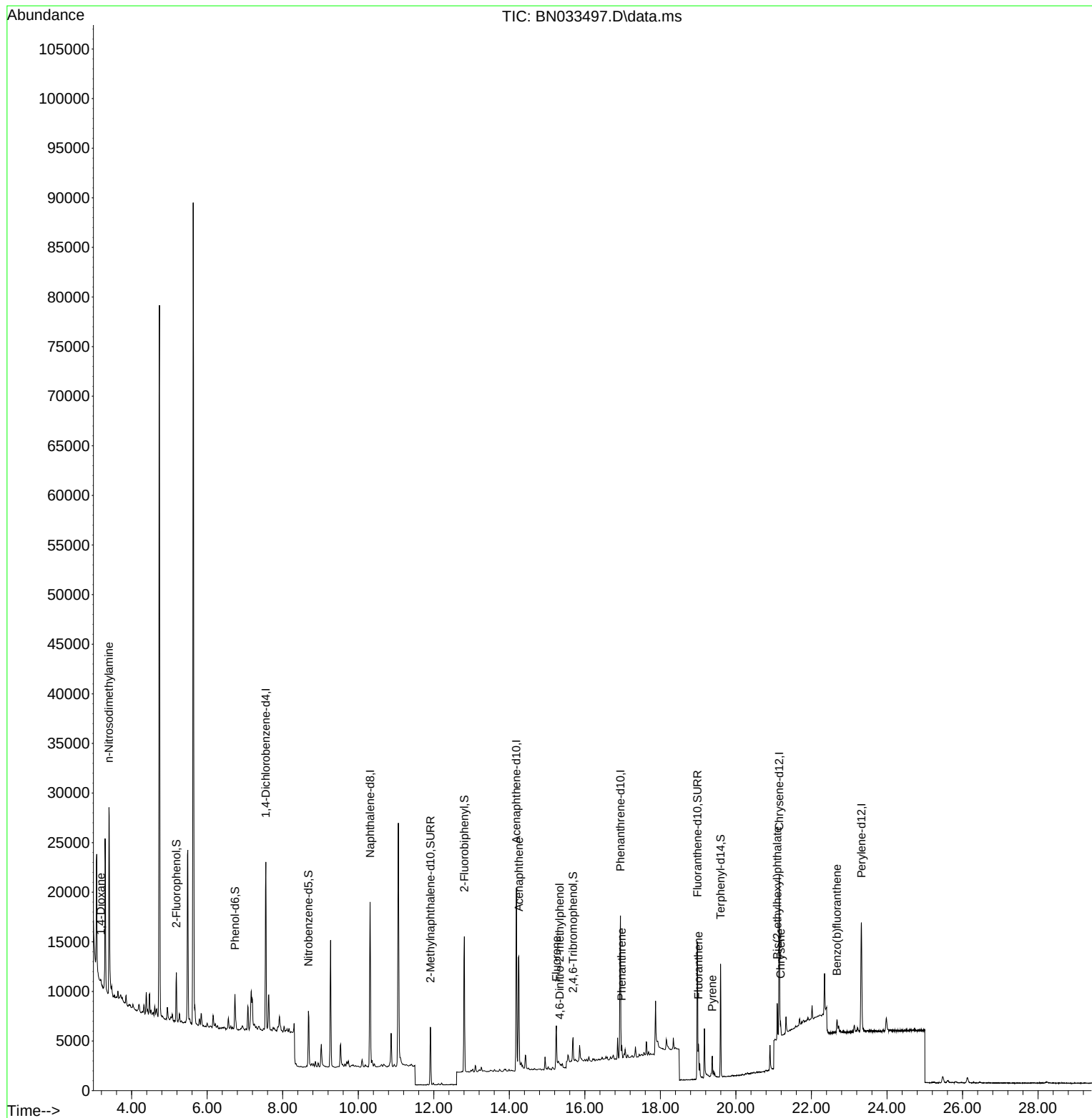
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7819	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	20507	0.400	ng	0.00
13) Acenaphthene-d10	14.188	164	9697	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	19630	0.400	ng	0.00
29) Chrysene-d12	21.148	240	13769	0.400	ng	0.00
35) Perylene-d12	23.323	264	14188	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3519	0.142	ng	0.00
5) Phenol-d6	6.736	99	2815	0.095	ng	0.00
8) Nitrobenzene-d5	8.681	82	4329	0.255	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	7733	0.264	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1265	0.243	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	11682	0.295	ng	0.00
27) Fluoranthene-d10	18.979	212	14352	0.304	ng	0.00
31) Terphenyl-d14	19.593	244	9950	0.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	209	0.023	ng	# 20
3) n-Nitrosodimethylamine	3.399	42	3195	0.305	ng	# 1
17) Acenaphthene	14.253	154	4377	0.146	ng	96
18) Fluorene	15.247	166	4105	0.109	ng	# 67
20) 4,6-Dinitro-2-methylph...	15.332	198	74	0.024	ng	# 1
25) Phenanthrene	16.979	178	1232	0.023	ng	98
28) Fluoranthene	19.007	202	3030	0.050	ng	96
30) Pyrene	19.374	202	1849	0.030	ng	# 93
33) Chrysene	21.184	228	1547	0.031	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.094	149	3399	0.108	ng	94
37) Benzo(b)fluoranthene	22.674	252	1785	0.034	ng	# 9

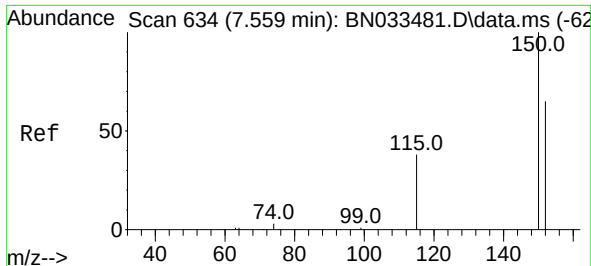
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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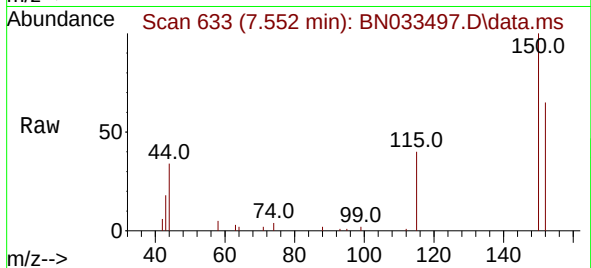
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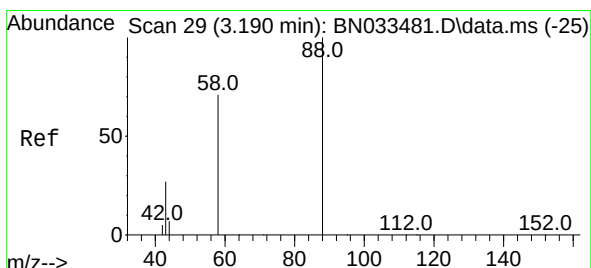
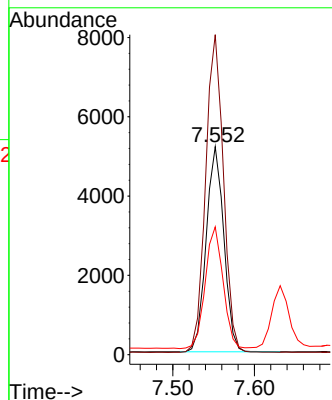
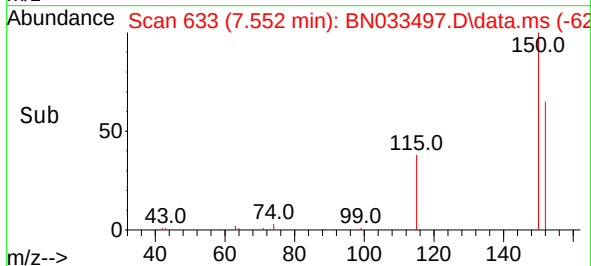


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033497.D
 Acq: 20 Aug 2024 09:46

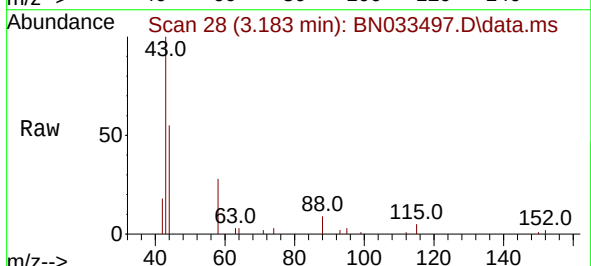
Instrument :
 BNA_N
 ClientSampleId :



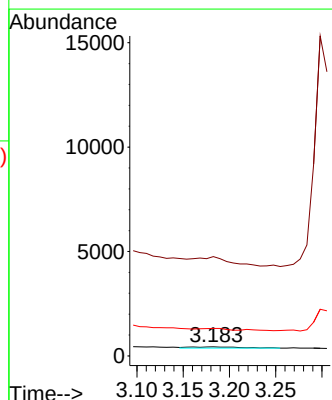
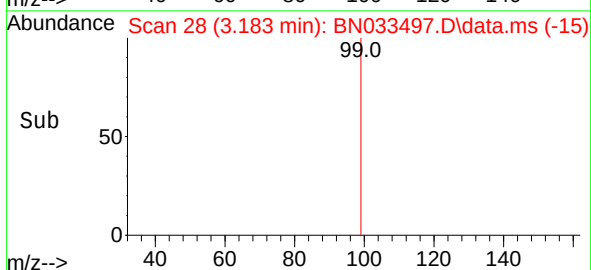
Tgt Ion:152 Resp: 7819
 Ion Ratio Lower Upper
 152 100
 150 153.8 122.2 183.2
 115 61.4 47.2 70.8

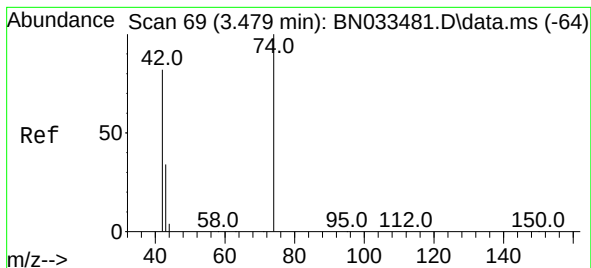


#2
 1,4-Dioxane
 Concen: 0.023 ng
 RT: 3.183 min Scan# 28
 Delta R.T. -0.007 min
 Lab File: BN033497.D
 Acq: 20 Aug 2024 09:46



Tgt Ion: 88 Resp: 209
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.0 37.4#
 58 0.0 62.5 93.7#





#3

n-Nitrosodimethylamine

Concen: 0.305 ng

RT: 3.399 min Scan# 50

Delta R.T. -0.080 min

Lab File: BN033497.D

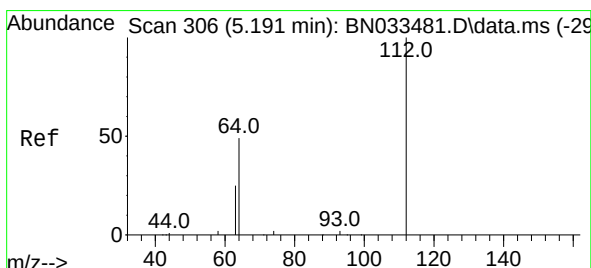
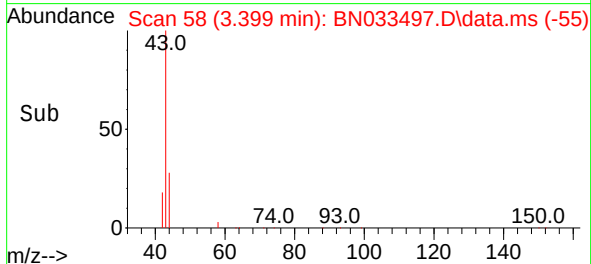
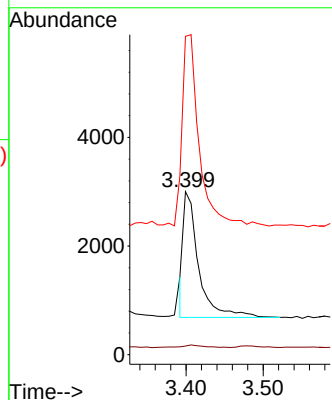
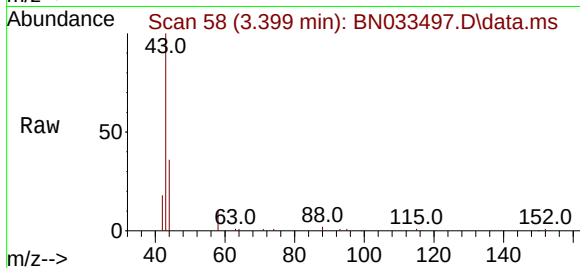
Acq: 20 Aug 2024 09:46

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	42	Resp:	3195
Ion	Ratio	Lower	Upper
42	100		
74	2.4	100.2	150.2#
44	156.9	5.3	7.9#



#4

2-Fluorophenol

Concen: 0.142 ng

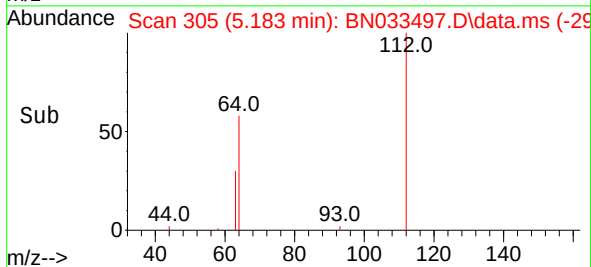
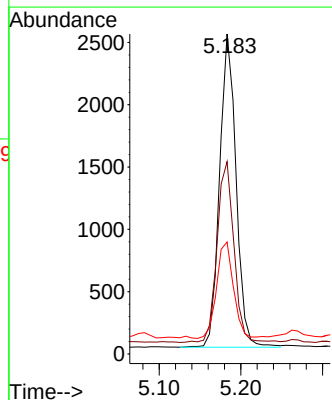
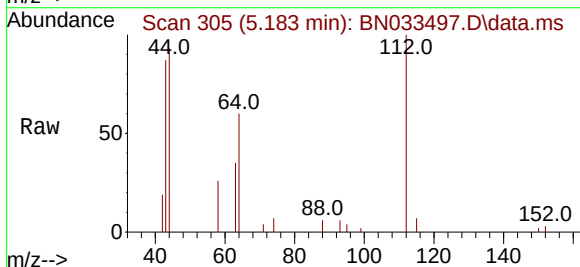
RT: 5.183 min Scan# 305

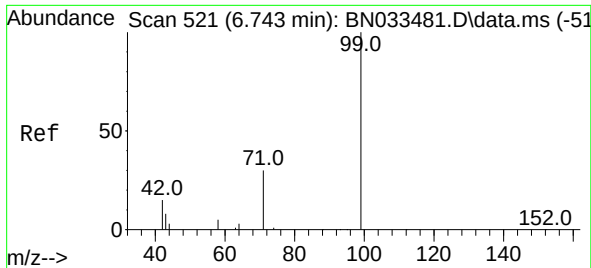
Delta R.T. -0.007 min

Lab File: BN033497.D

Acq: 20 Aug 2024 09:46

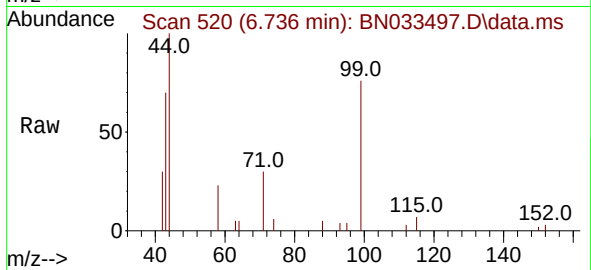
Tgt Ion:	112	Resp:	3519
Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.1	70.7
63	31.6	24.9	37.3



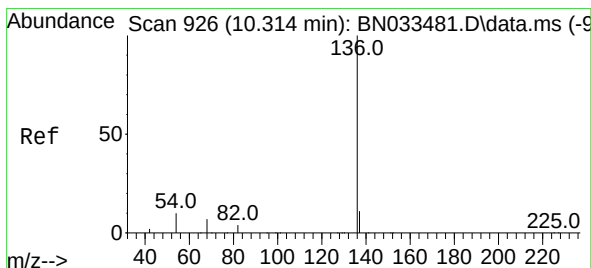
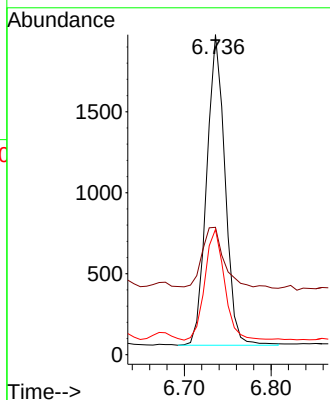
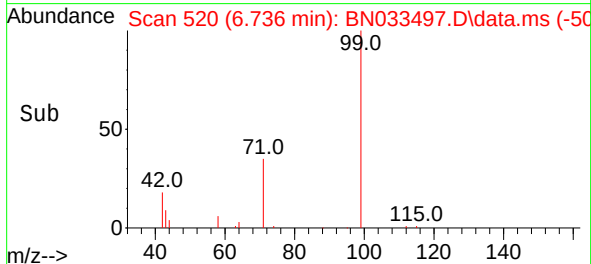


#5
Phenol-d6
Concen: 0.095 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

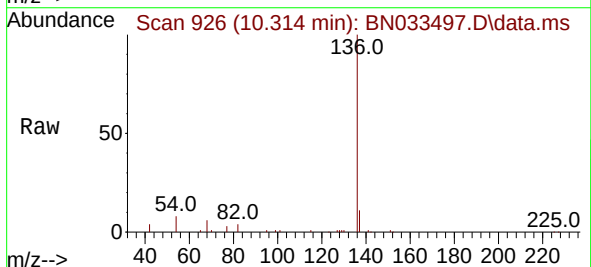
Instrument :
BNA_N
ClientSampleId :



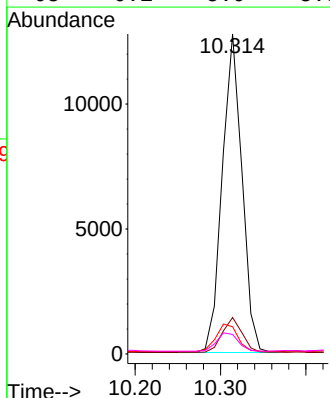
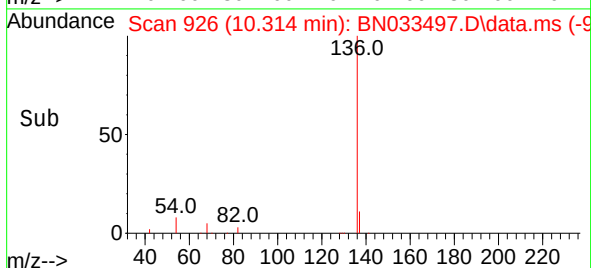
Tgt Ion: 99 Resp: 2815
Ion Ratio Lower Upper
99 100
42 23.9 16.6 24.8
71 38.5 26.2 39.4

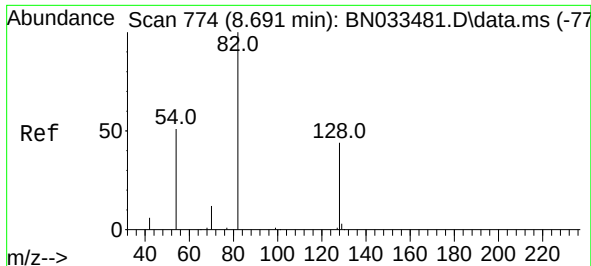


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46



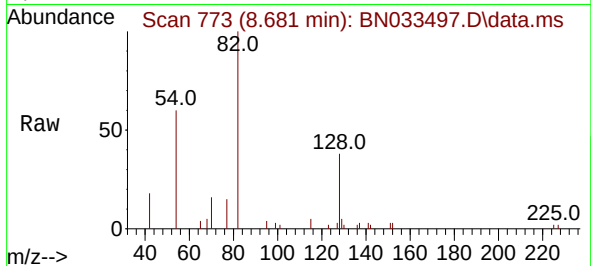
Tgt Ion: 136 Resp: 20507
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.5 8.3 12.5
68 6.1 5.9 8.9



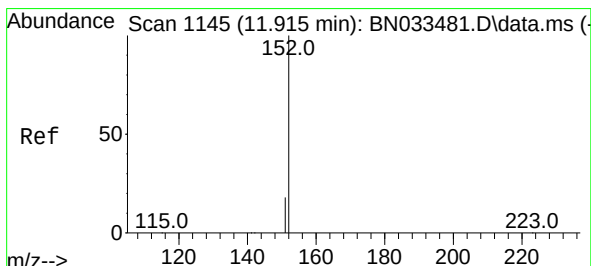
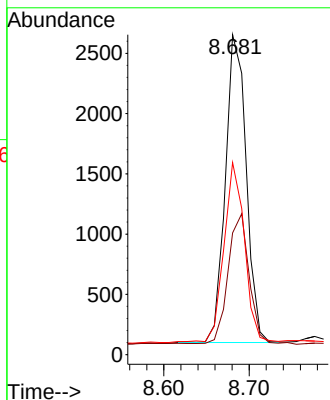
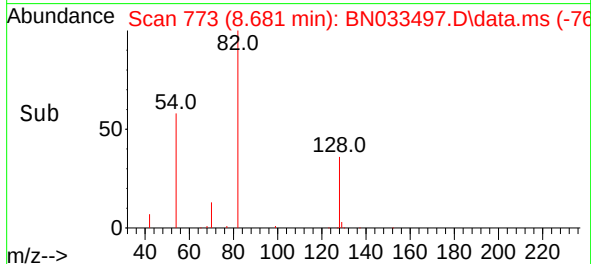


#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

Instrument :
BNA_N
ClientSampleId :

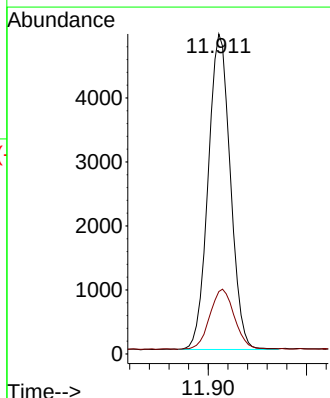
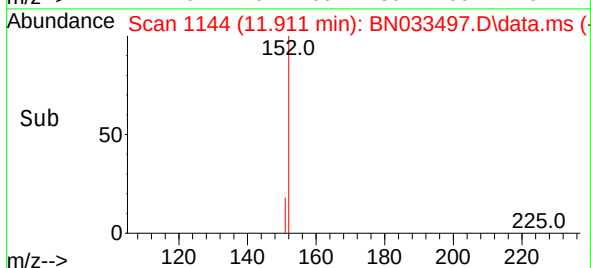
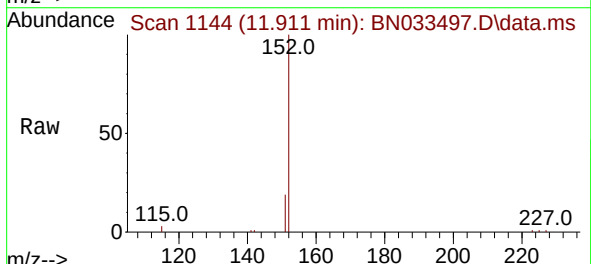


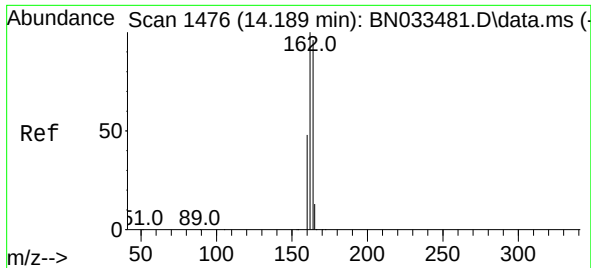
Tgt Ion: 82 Resp: 4329
Ion Ratio Lower Upper
82 100
128 38.0 36.0 54.0
54 60.0 42.0 63.0



#11
2-Methylnaphthalene-d10
Concen: 0.264 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

Tgt Ion: 152 Resp: 7733
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0

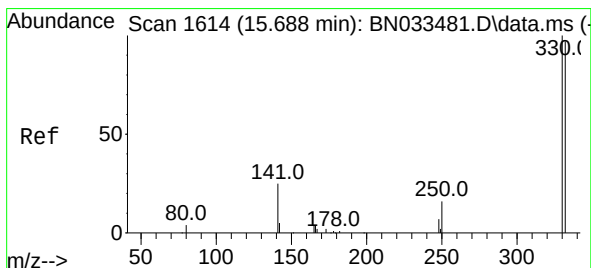
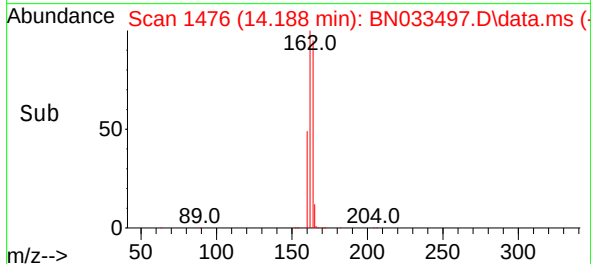
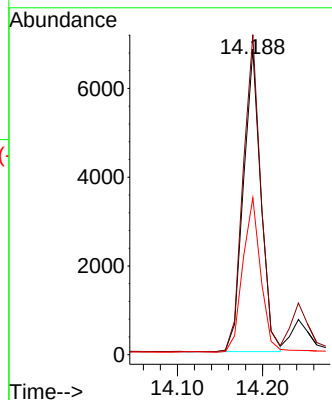
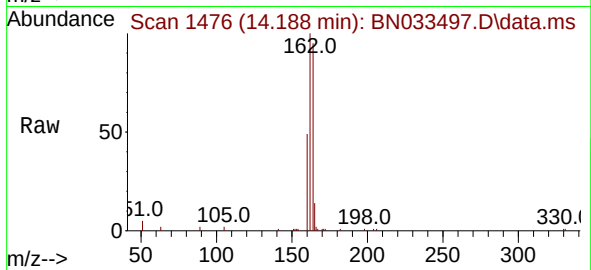




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.188 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

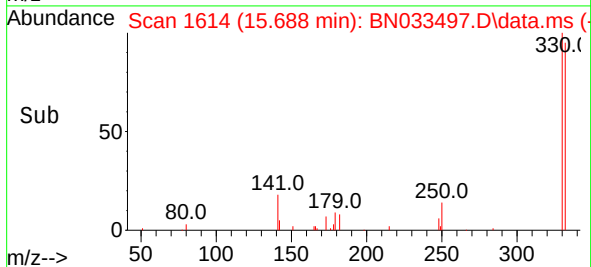
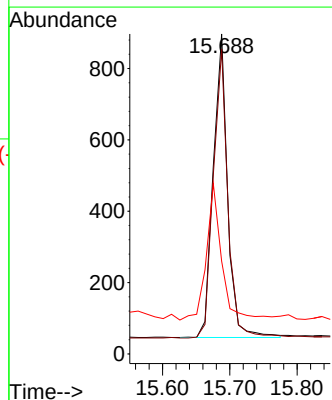
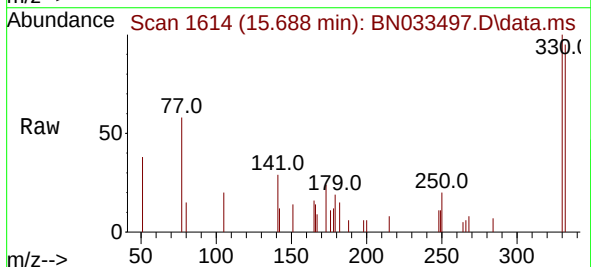
Instrument :
BNA_N
ClientSampleId :

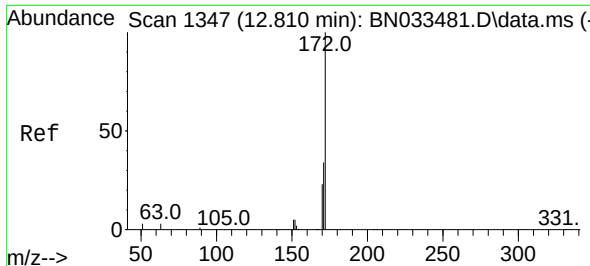
Tgt Ion:164 Resp: 9697
Ion Ratio Lower Upper
164 100
162 104.7 83.5 125.3
160 51.4 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

Tgt Ion:330 Resp: 1265
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 47.7 33.9 50.9





#15

2-Fluorobiphenyl

Concen: 0.295 ng

RT: 12.809 min Scan# 1347

Delta R.T. -0.000 min

Lab File: BN033497.D

Acq: 20 Aug 2024 09:46

Instrument :

BNA_N

ClientSampleId :

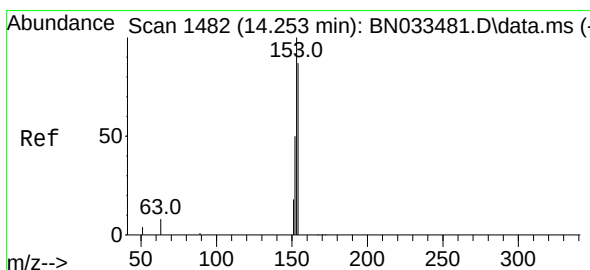
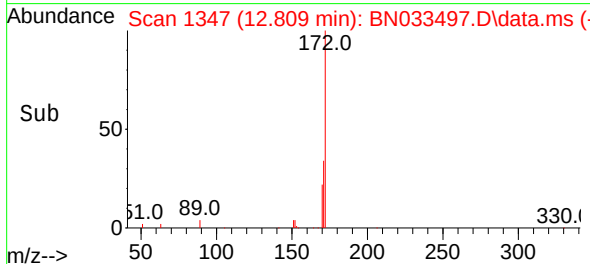
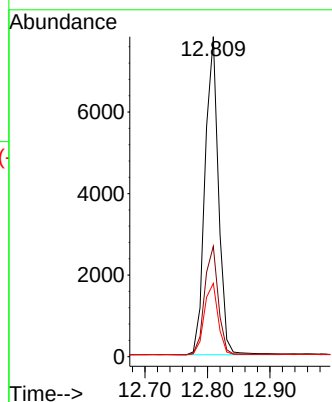
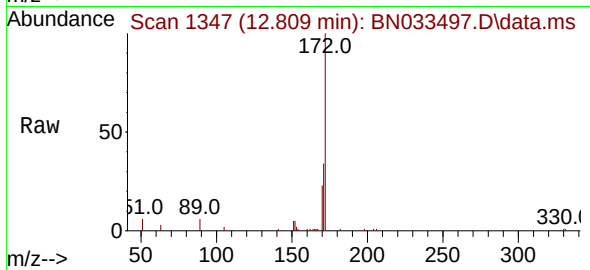
Tgt Ion:172 Resp: 11682

Ion Ratio Lower Upper

172 100

171 34.5 27.7 41.5

170 22.9 18.3 27.5



#17

Acenaphthene

Concen: 0.146 ng

RT: 14.253 min Scan# 1482

Delta R.T. -0.000 min

Lab File: BN033497.D

Acq: 20 Aug 2024 09:46

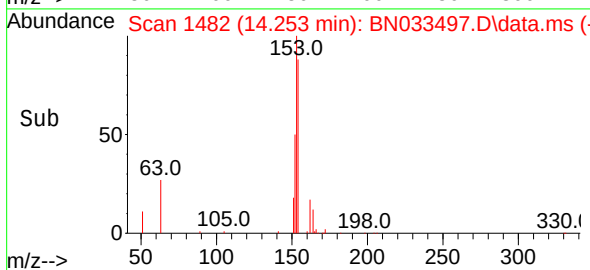
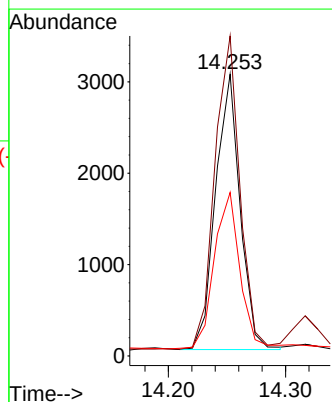
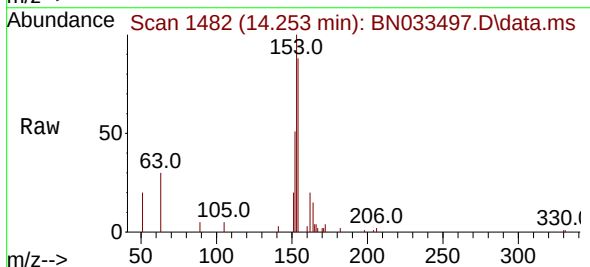
Tgt Ion:154 Resp: 4377

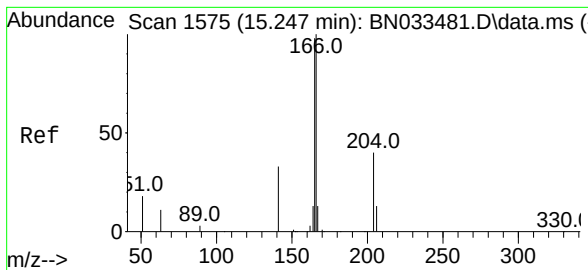
Ion Ratio Lower Upper

154 100

153 115.9 89.0 133.6

152 59.7 45.2 67.8





#18

Fluorene

Concen: 0.109 ng

RT: 15.247 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BN033497.D

Acq: 20 Aug 2024 09:46

Instrument :

BNA_N

ClientSampleId :

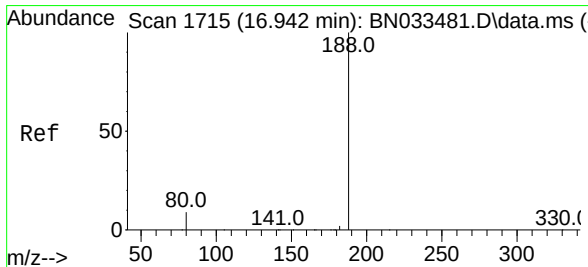
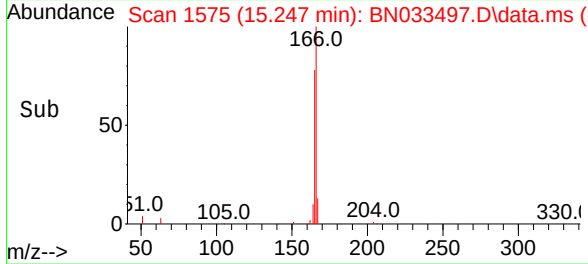
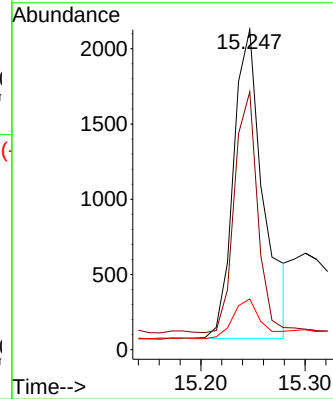
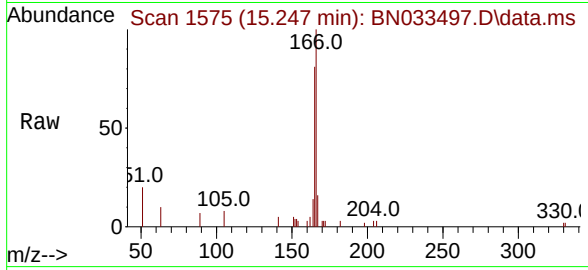
Tgt Ion:166 Resp: 4105

Ion Ratio Lower Upper

166 100

165 60.9 78.2 117.4#

167 12.2 10.6 16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BN033497.D

Acq: 20 Aug 2024 09:46

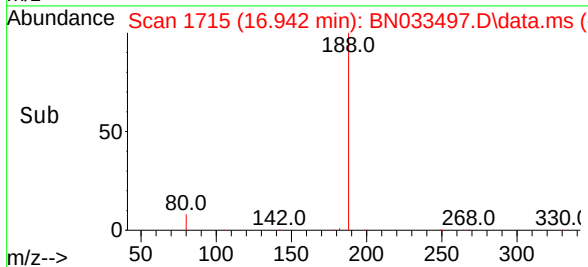
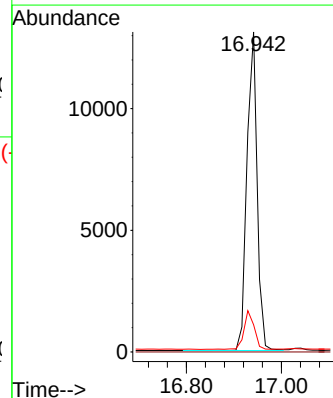
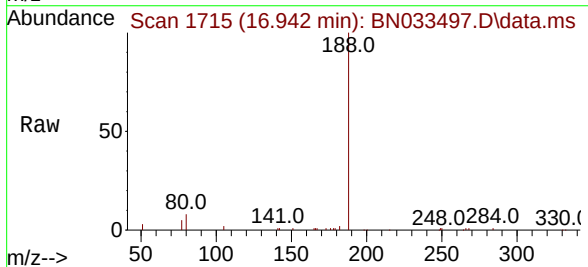
Tgt Ion:188 Resp: 19630

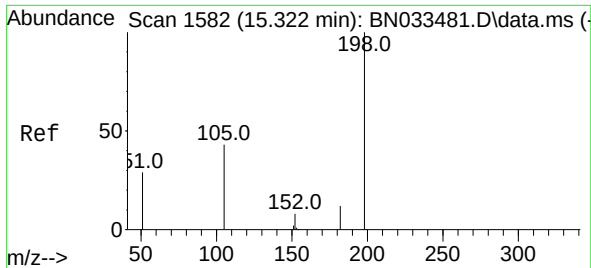
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 7.8 11.8

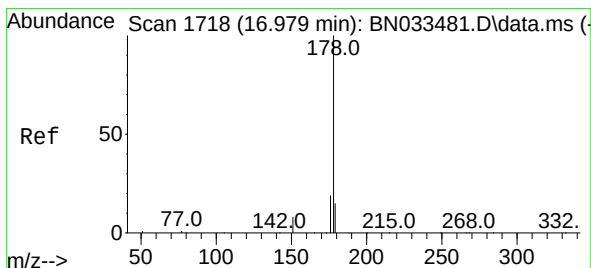
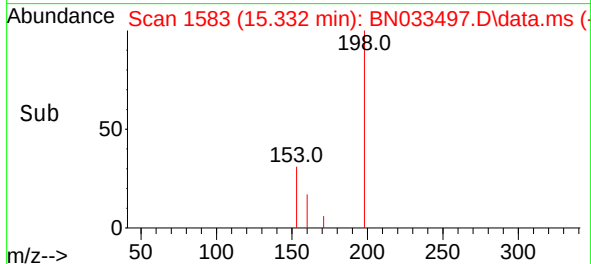
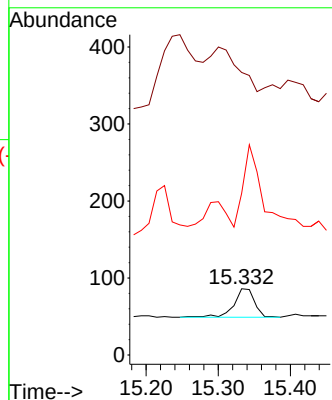
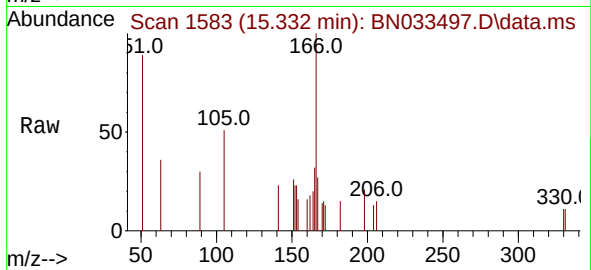




#20
4,6-Dinitro-2-methylphenol
Concen: 0.024 ng
RT: 15.332 min Scan# 1583
Delta R.T. 0.010 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

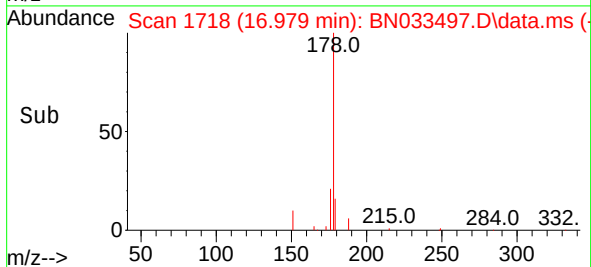
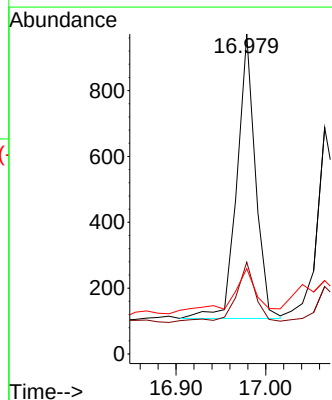
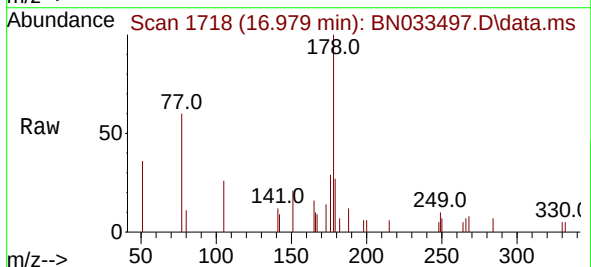
Instrument :
BNA_N
ClientSampleId :

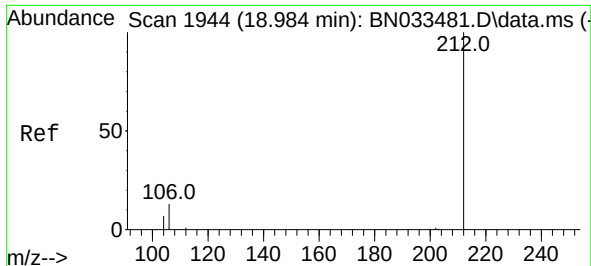
Tgt Ion:198 Resp: 74
Ion Ratio Lower Upper
198 100
51 426.7 65.1 97.7#
105 244.2 44.8 67.2#



#25
Phenanthrene
Concen: 0.023 ng
RT: 16.979 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

Tgt Ion:178 Resp: 1232
Ion Ratio Lower Upper
178 100
176 20.5 15.3 22.9
179 15.8 12.3 18.5





#27

Fluoranthene-d10

Concen: 0.304 ng

RT: 18.979 min Scan# 14352

Delta R.T. -0.005 min

Lab File: BN033497.D

Acq: 20 Aug 2024 09:46

Instrument :

BNA_N

ClientSampleId :

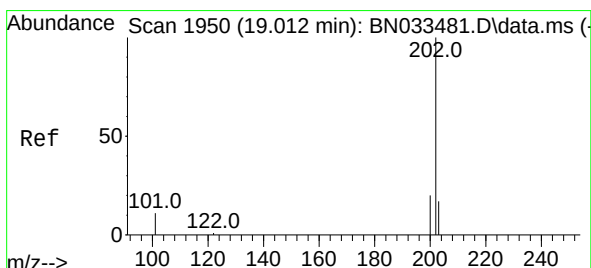
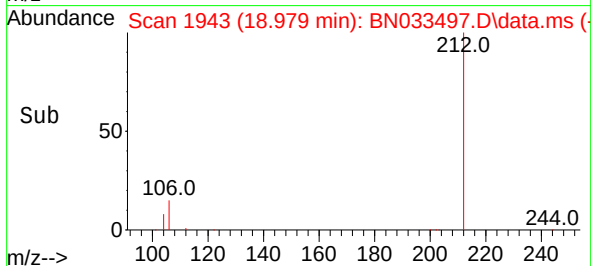
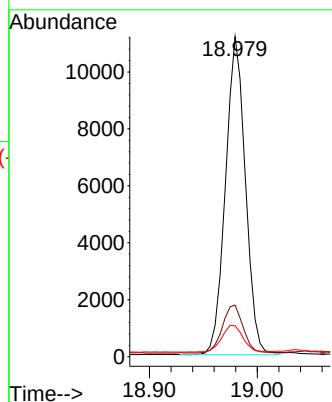
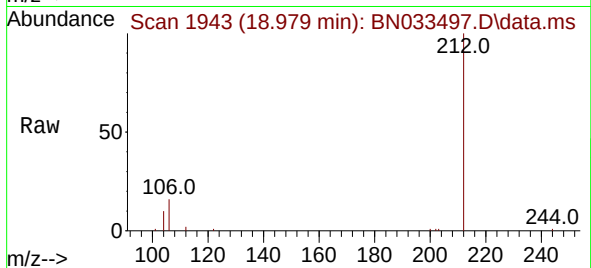
Tgt Ion:212 Resp: 14352

Ion Ratio Lower Upper

212 100

106 15.9 12.3 18.5

104 9.0 7.0 10.4



#28

Fluoranthene

Concen: 0.050 ng

RT: 19.007 min Scan# 1949

Delta R.T. -0.005 min

Lab File: BN033497.D

Acq: 20 Aug 2024 09:46

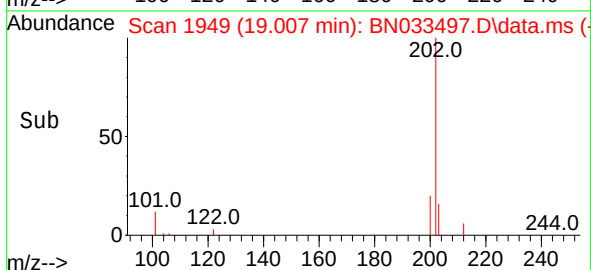
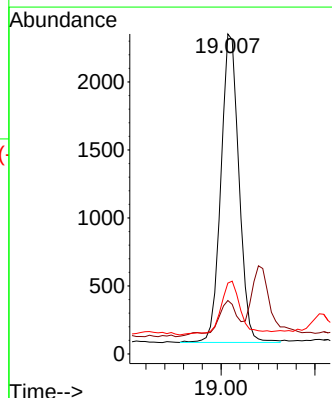
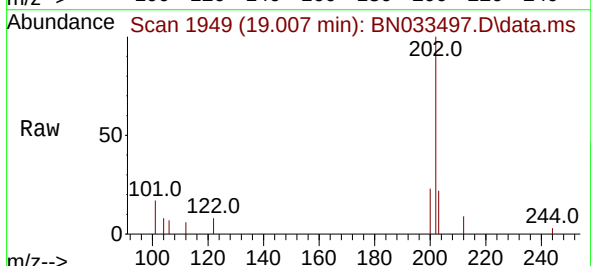
Tgt Ion:202 Resp: 3030

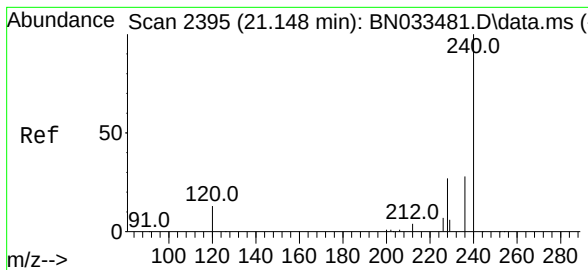
Ion Ratio Lower Upper

202 100

101 10.7 9.5 14.3

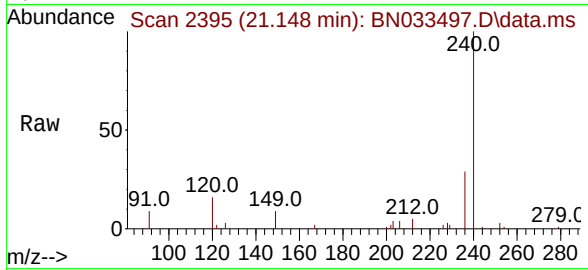
203 19.5 13.8 20.6



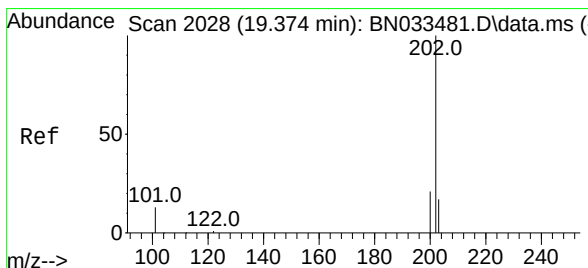
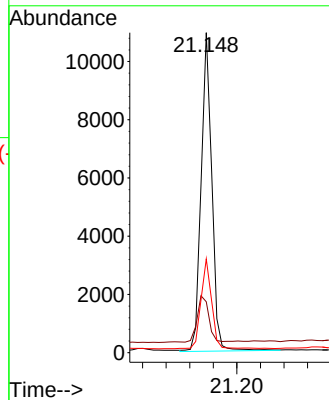
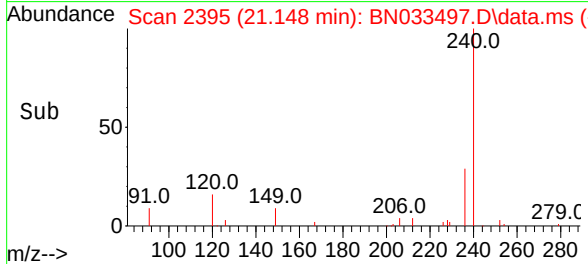


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 240
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

Instrument :
BNA_N
ClientSampleId :

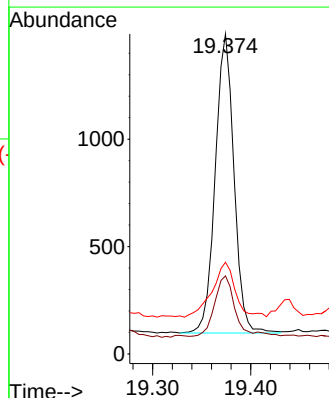
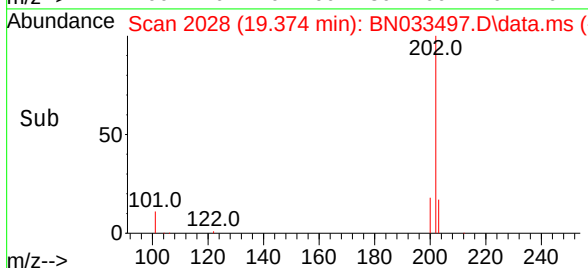
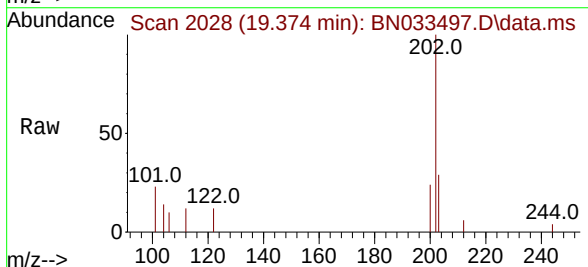


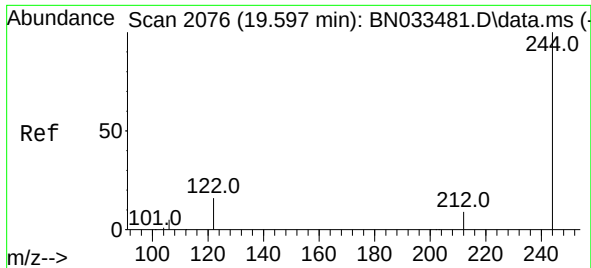
Tgt Ion:240 Resp: 13769
Ion Ratio Lower Upper
240 100
120 15.9 12.4 18.6
236 29.3 23.0 34.6



#30
Pyrene
Concen: 0.030 ng
RT: 19.374 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

Tgt Ion:202 Resp: 1849
Ion Ratio Lower Upper
202 100
200 22.6 16.6 24.8
203 22.1 14.2 21.4#



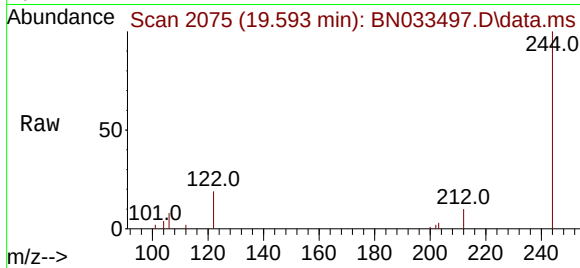


#31
 Terphenyl-d14
 Concen: 0.318 ng
 RT: 19.593 min Scan# 2076
 Delta R.T. -0.005 min
 Lab File: BN033497.D
 Acq: 20 Aug 2024 09:46

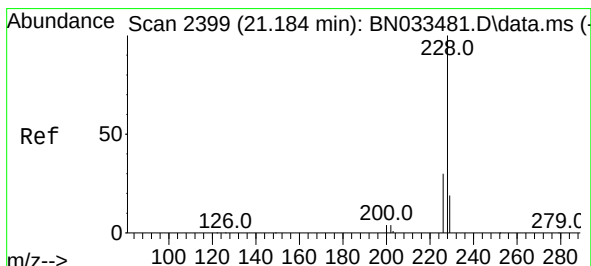
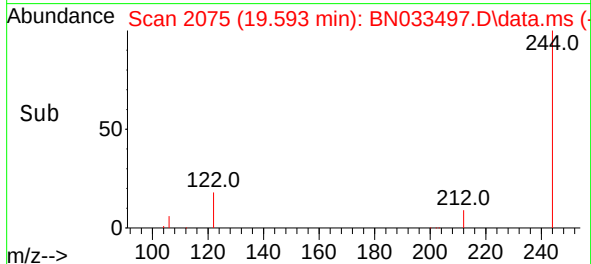
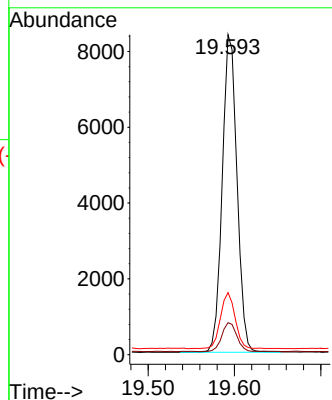
Instrument :

BNA_N

ClientSampleId :

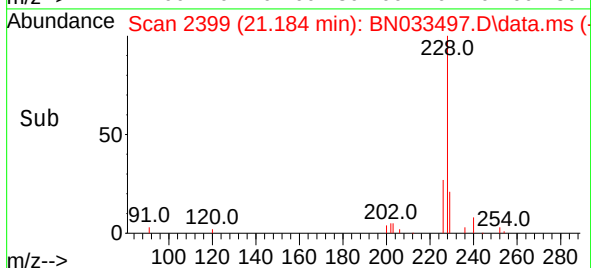
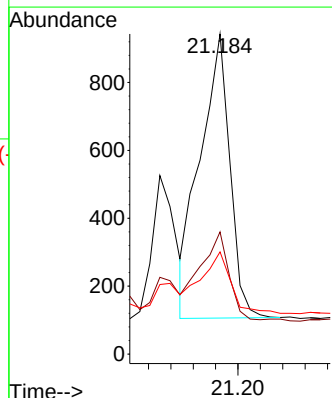
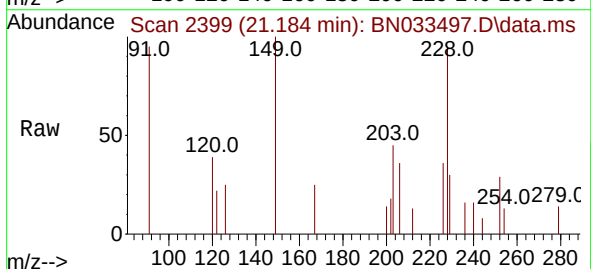


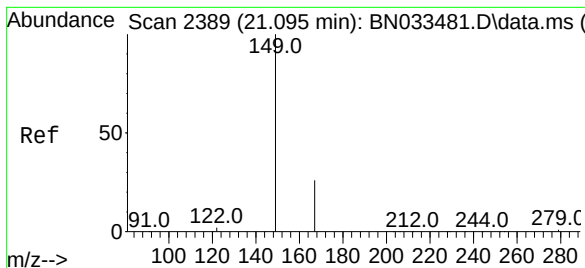
Tgt Ion:244 Resp: 9950
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.8 11.6
 122 19.4 13.3 19.9



#33
 Chrysene
 Concen: 0.031 ng
 RT: 21.184 min Scan# 2399
 Delta R.T. -0.000 min
 Lab File: BN033497.D
 Acq: 20 Aug 2024 09:46

Tgt Ion:228 Resp: 1547
 Ion Ratio Lower Upper
 228 100
 226 38.2 23.8 35.8#
 229 31.9 15.6 23.4#

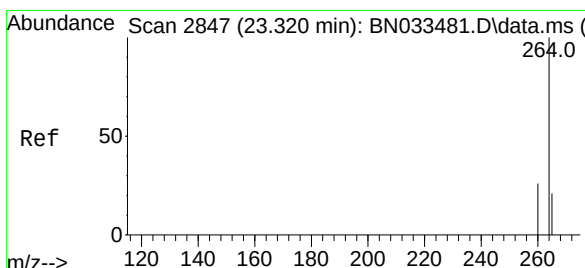
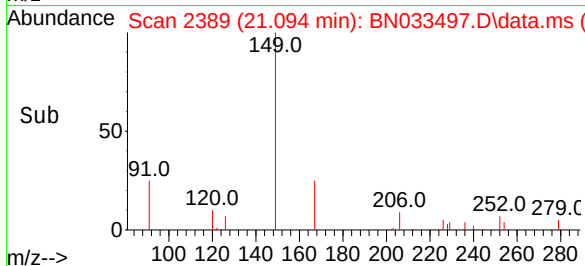
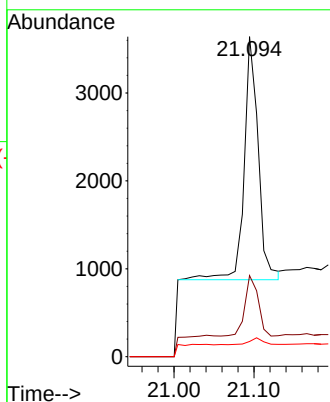
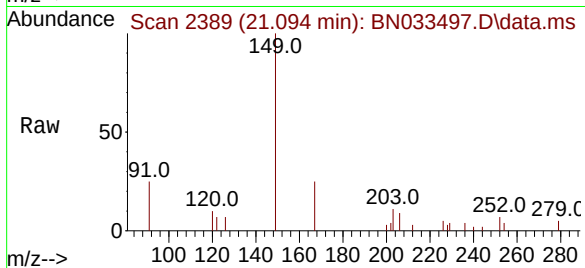




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.094 min Scan# 241
Delta R.T. -0.000 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

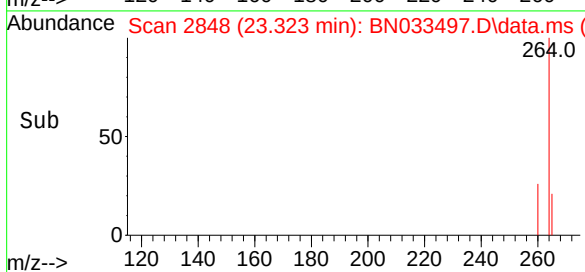
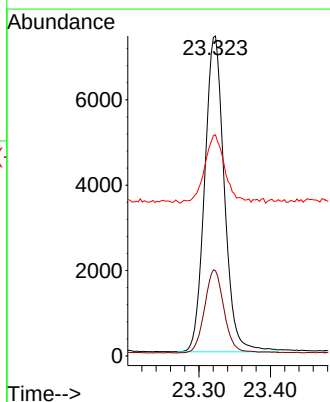
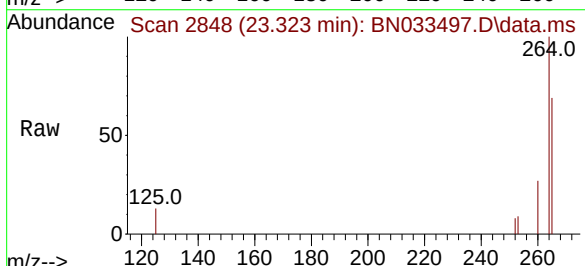
Instrument :
BNA_N
ClientSampleId :

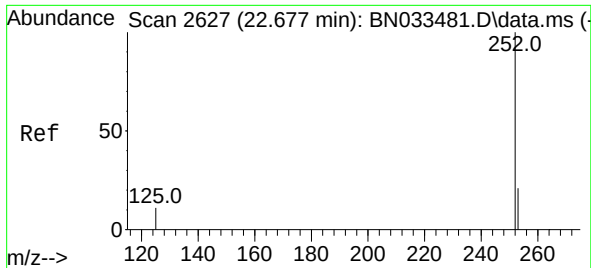
Tgt Ion:149 Resp: 3399
Ion Ratio Lower Upper
149 100
167 23.7 21.5 32.3
279 2.6 2.2 3.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.323 min Scan# 2848
Delta R.T. 0.003 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

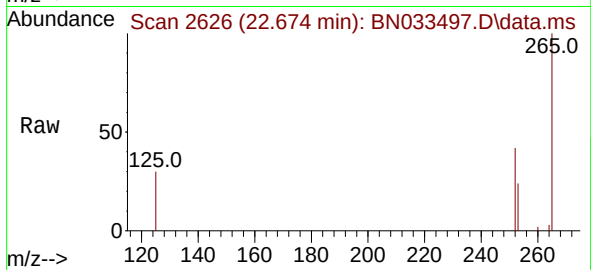
Tgt Ion:264 Resp: 14188
Ion Ratio Lower Upper
264 100
260 26.6 20.8 31.2
265 69.1 52.2 78.2





#37
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 22.674 min Scan# 20
Delta R.T. -0.003 min
Lab File: BN033497.D
Acq: 20 Aug 2024 09:46

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:252 Resp: 1785
Ion Ratio Lower Upper
252 100
253 57.8 19.8 29.8#
125 72.9 13.9 20.9#

