

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033509.D
 Acq On : 20 Aug 2024 17:04
 Operator : MA/JU
 Sample : PB162851BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162851BL

Quant Time: Aug 20 17:30:01 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	6669	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	16888	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	7342	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	13979	0.400	ng	0.00
29) Chrysene-d12	21.148	240	8601	0.400	ng	0.00
35) Perylene-d12	23.314	264	8871	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	6200	0.293	ng	0.00
5) Phenol-d6	6.736	99	7260	0.288	ng	0.00
8) Nitrobenzene-d5	8.681	82	4919	0.351	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	8363	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	830	0.210	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	11939	0.398	ng	0.00
27) Fluoranthene-d10	18.979	212	11416	0.340	ng	0.00
31) Terphenyl-d14	19.593	244	7480	0.383	ng	0.00

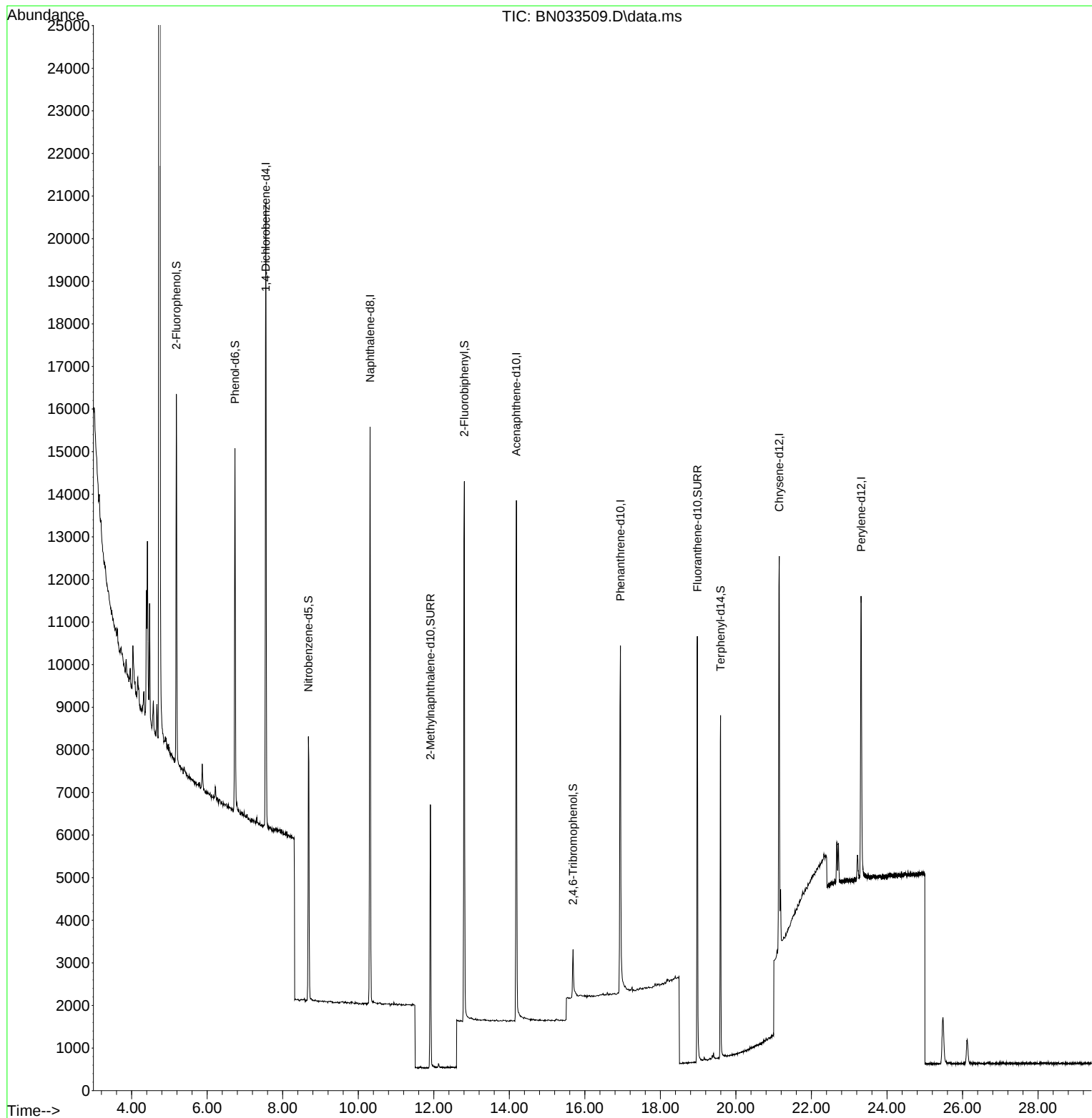
Target Compounds Qvalue

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

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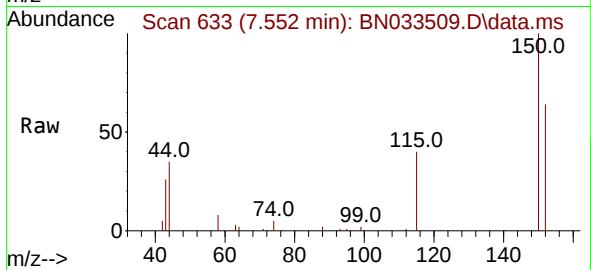
Quant Time: Aug 20 17:30:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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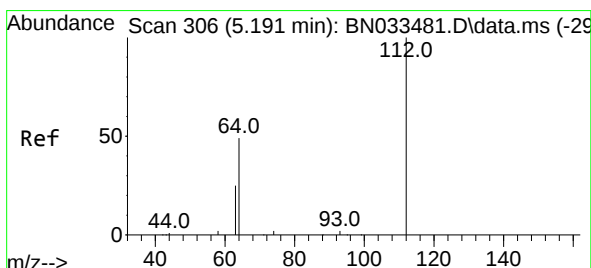
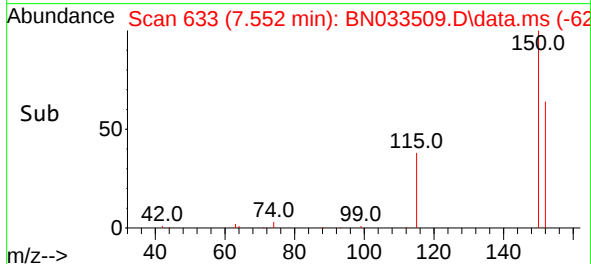
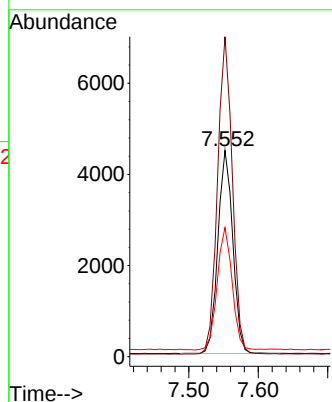


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

Instrument :
BNA_N
ClientSampleId :
PB162851BL

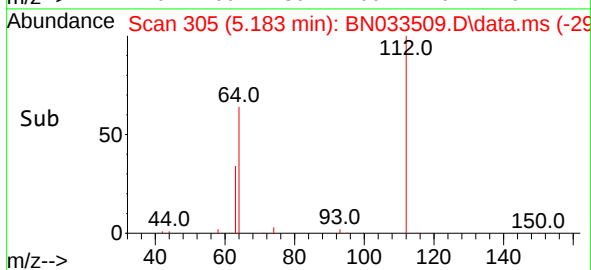
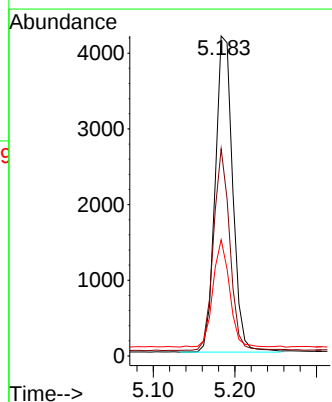
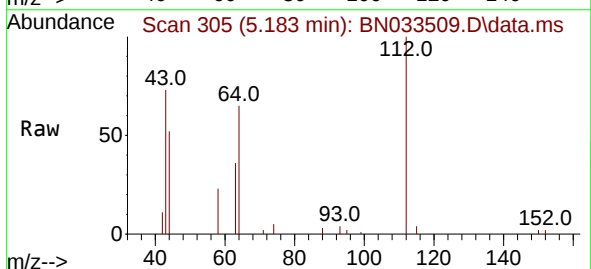


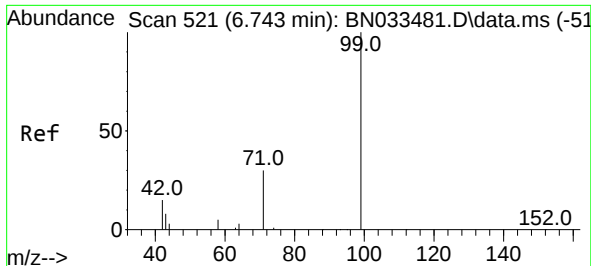
Tgt Ion:152 Resp: 6669
Ion Ratio Lower Upper
152 100
150 155.2 122.2 183.2
115 62.6 47.2 70.8



#4
2-Fluorophenol
Concen: 0.293 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

Tgt Ion:112 Resp: 6200
Ion Ratio Lower Upper
112 100
64 59.5 47.1 70.7
63 32.0 24.9 37.3

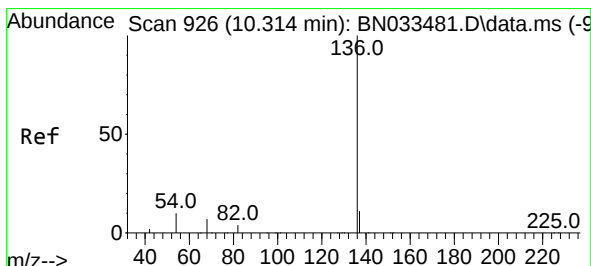
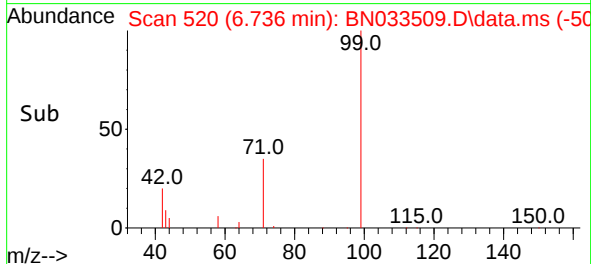
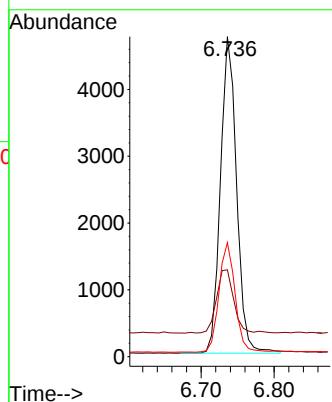
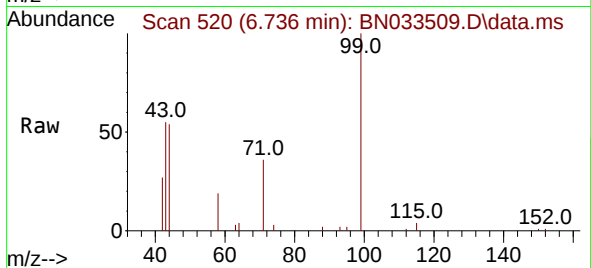




#5
Phenol-d6
Concen: 0.288 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

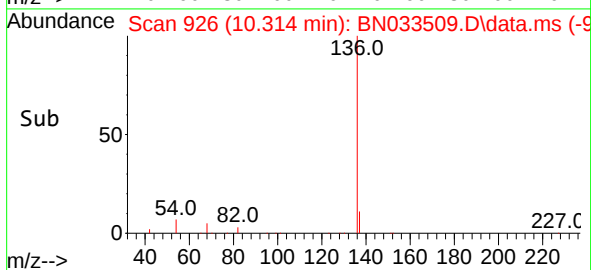
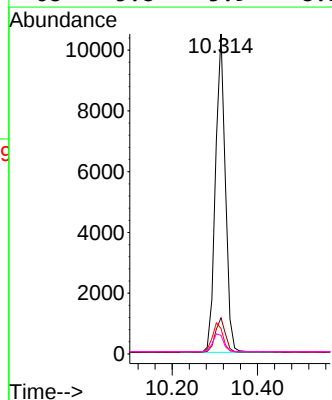
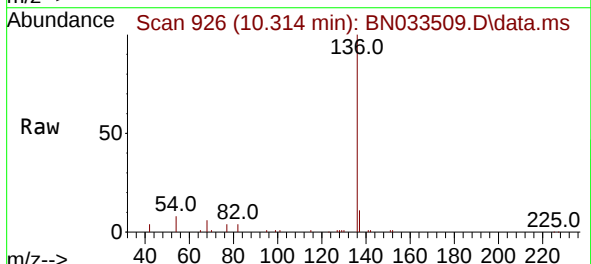
Instrument :
BNA_N
ClientSampleId :
PB162851BL

Tgt Ion: 99 Resp: 7260
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 34.7 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: BN033509.D
Acq: 20 Aug 2024 17:04

Tgt Ion: 136 Resp: 16888
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.9 8.3 12.5#
68 5.8 5.9 8.9#

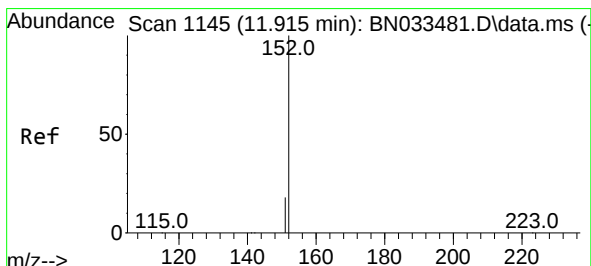
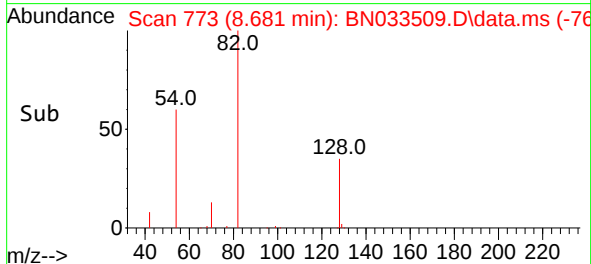
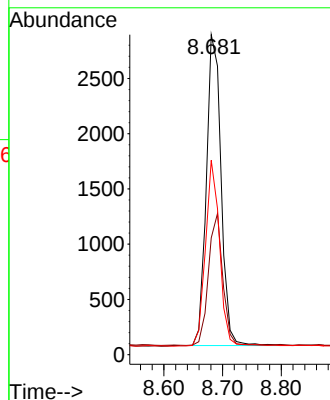
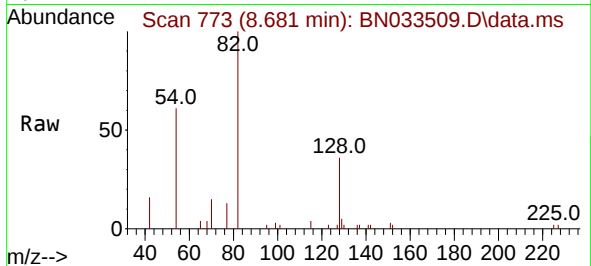




#8
 Nitrobenzene-d5
 Concen: 0.351 ng
 RT: 8.681 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN033509.D
 Acq: 20 Aug 2024 17:04

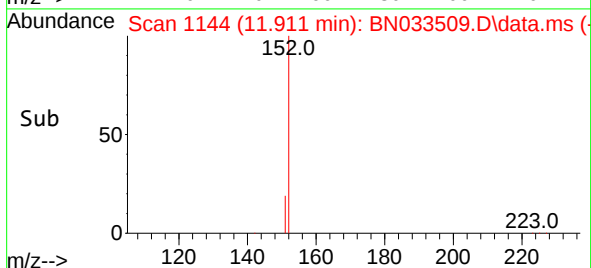
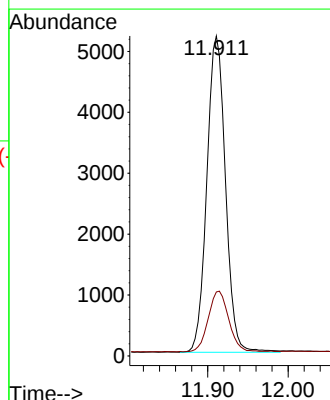
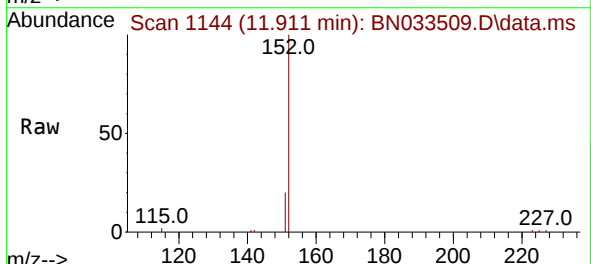
Instrument :
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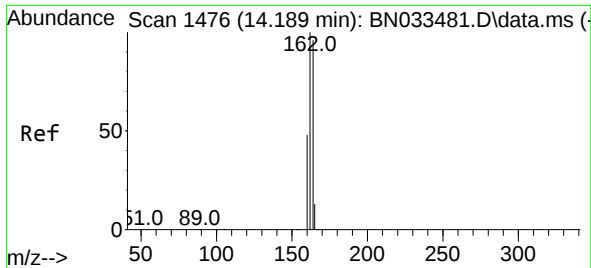
Tgt Ion: 82 Resp: 4919
 Ion Ratio Lower Upper
 82 100
 128 36.5 36.0 54.0
 54 60.7 42.0 63.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.346 ng
 RT: 11.911 min Scan# 1144
 Delta R.T. -0.004 min
 Lab File: BN033509.D
 Acq: 20 Aug 2024 17:04

Tgt Ion: 152 Resp: 8363
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.6 25.0

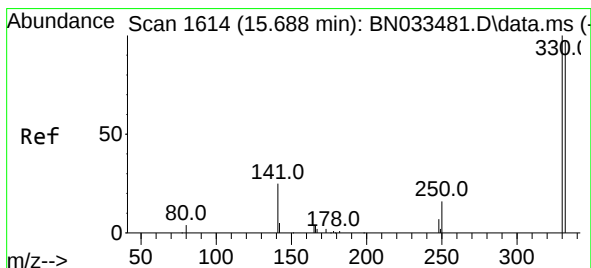
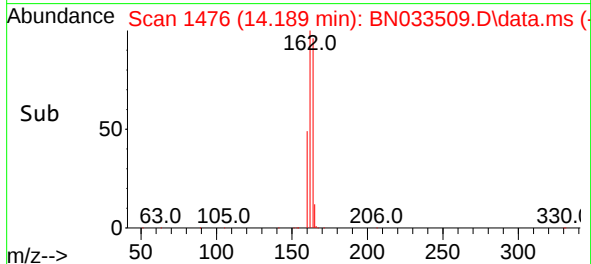
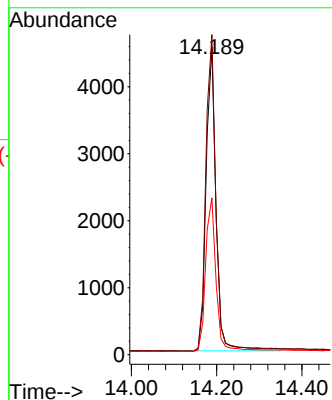
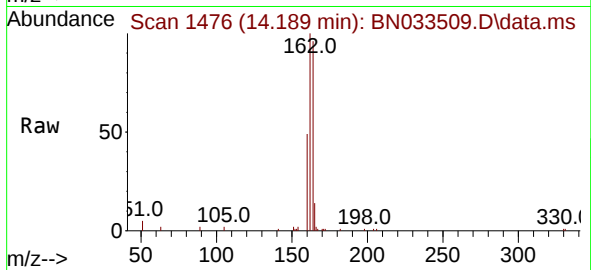




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

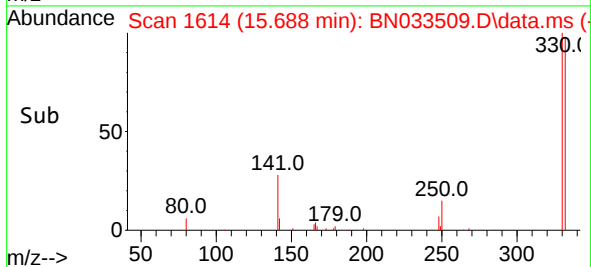
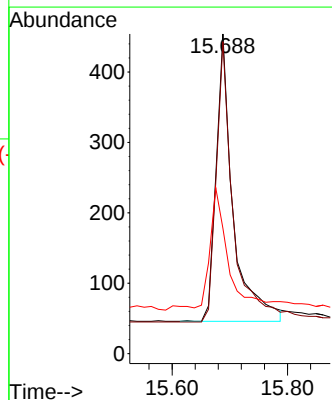
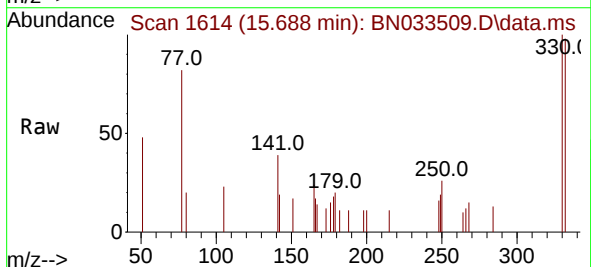
Instrument :
BNA_N
ClientSampleId :
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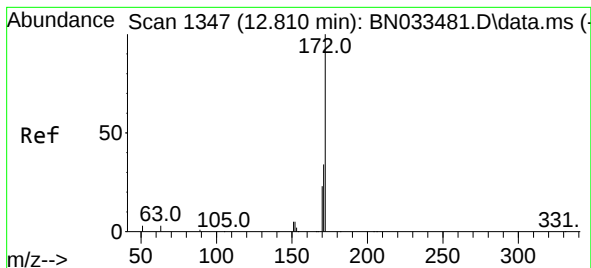
Tgt Ion:164 Resp: 7342
Ion Ratio Lower Upper
164 100
162 104.1 83.5 125.3
160 51.0 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.210 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

Tgt Ion:330 Resp: 830
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 43.3 33.9 50.9





#15

2-Fluorobiphenyl

Concen: 0.398 ng

RT: 12.809 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN033509.D

Acq: 20 Aug 2024 17:04

Instrument :

BNA_N

ClientSampleId :

PB162851BL

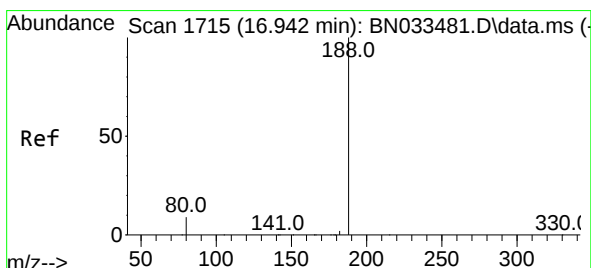
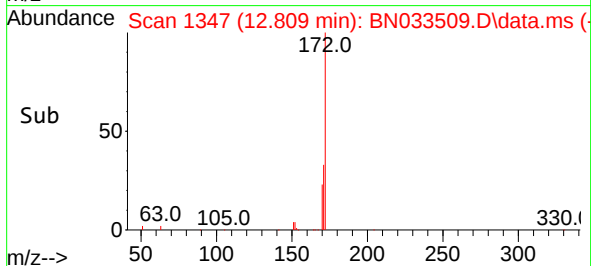
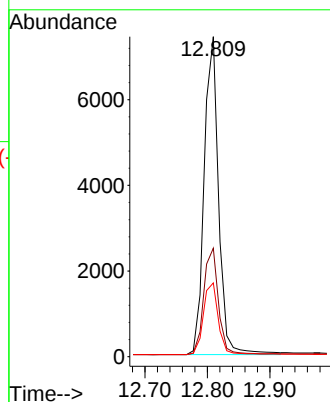
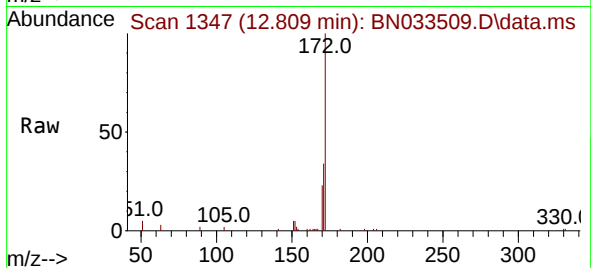
Tgt Ion:172 Resp: 11939

Ion Ratio Lower Upper

172 100

171 33.9 27.7 41.5

170 23.0 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BN033509.D

Acq: 20 Aug 2024 17:04

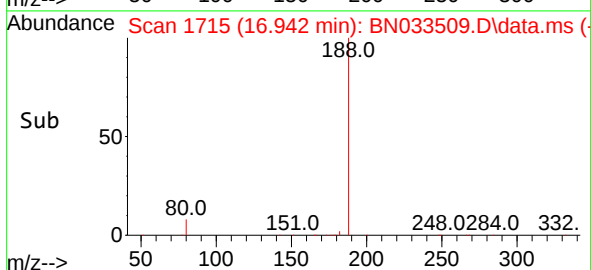
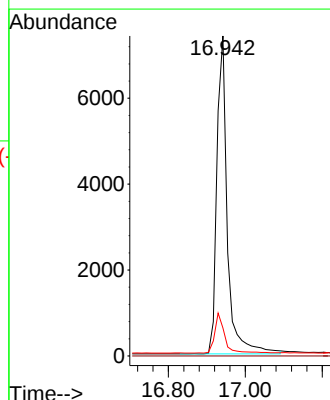
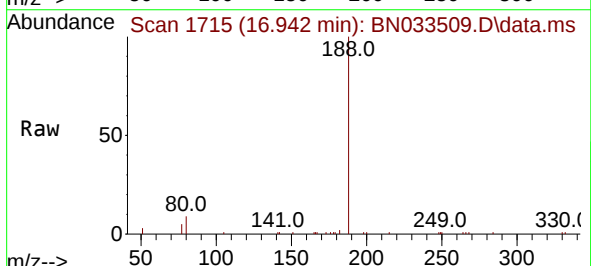
Tgt Ion:188 Resp: 13979

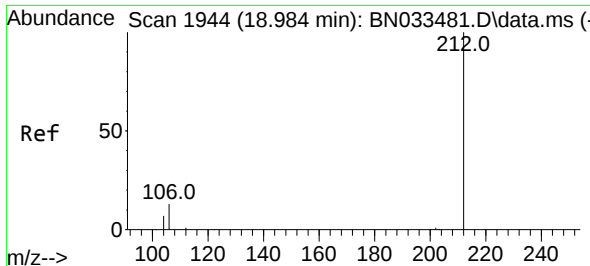
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

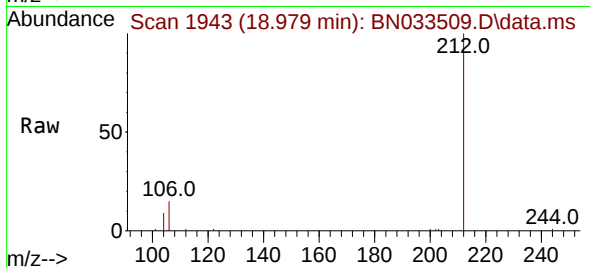
80 8.8 7.8 11.8



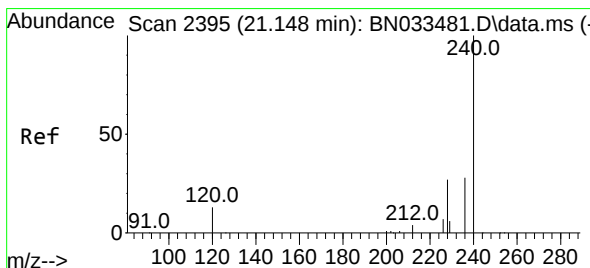
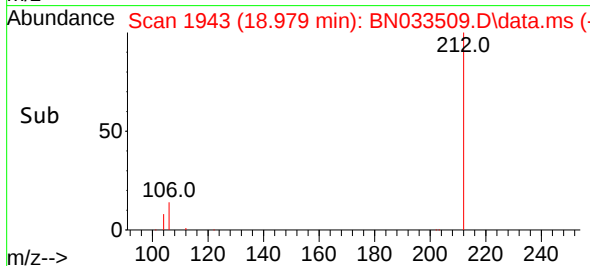
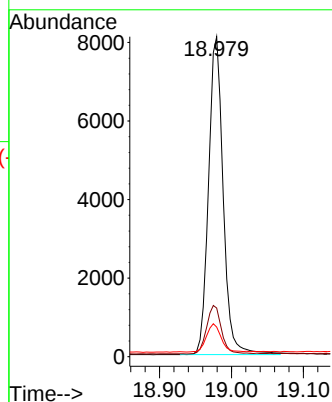


#27
Fluoranthene-d10
Concen: 0.340 ng
RT: 18.979 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

Instrument :
BNA_N
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PB162851BL

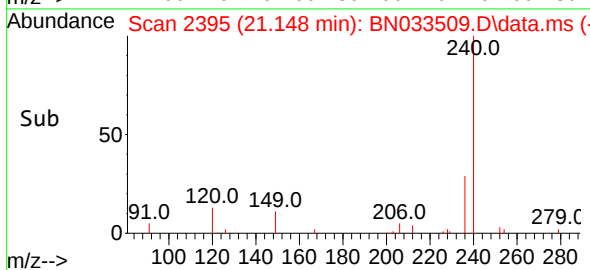
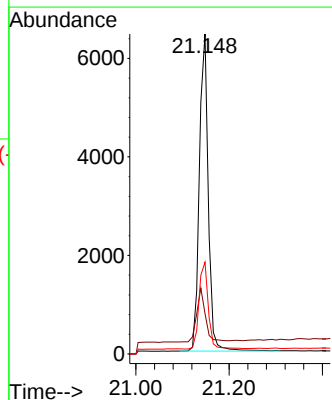
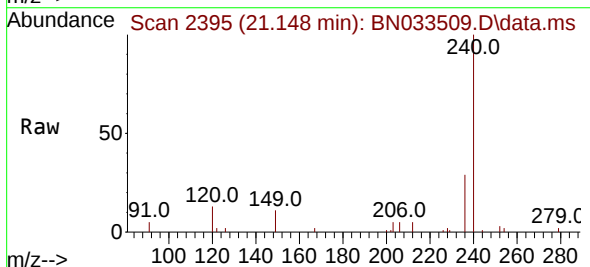


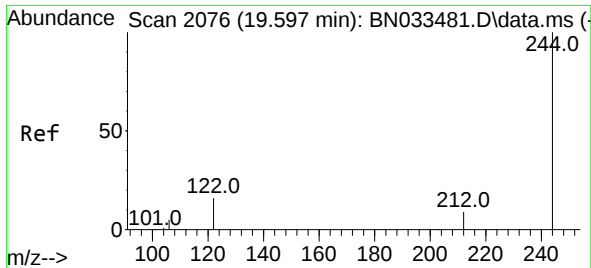
Tgt Ion:212 Resp: 11416
Ion Ratio Lower Upper
212 100
106 15.4 12.3 18.5
104 9.0 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

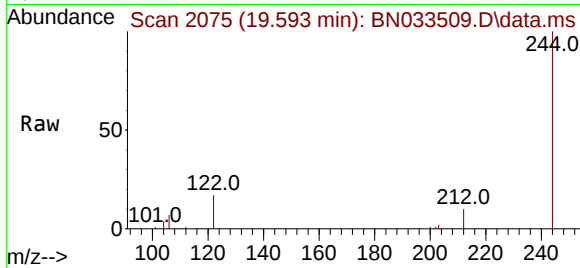
Tgt Ion:240 Resp: 8601
Ion Ratio Lower Upper
240 100
120 12.7 12.4 18.6
236 28.7 23.0 34.6



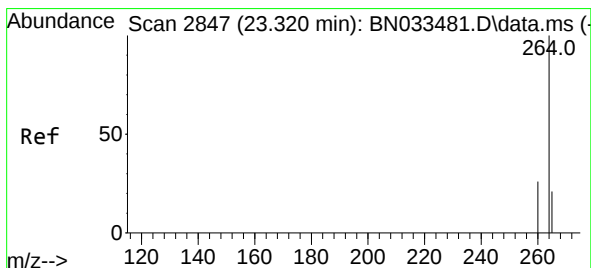
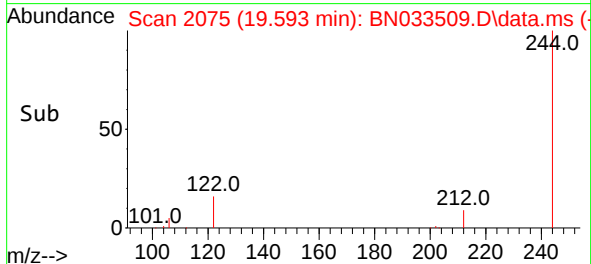
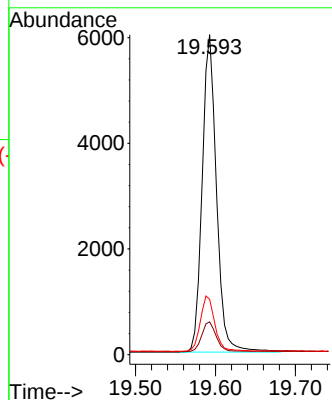


#31
Terphenyl-d14
Concen: 0.383 ng
RT: 19.593 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

Instrument :
BNA_N
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Tgt Ion:244 Resp: 7480
Ion Ratio Lower Upper
244 100
212 10.3 7.8 11.6
122 17.3 13.3 19.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.314 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

Tgt Ion:264 Resp: 8871
Ion Ratio Lower Upper
264 100
260 27.1 20.8 31.2
265 89.5 52.2 78.2#

