

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
 Data File : BN032883.D
 Acq On : 20 Jul 2024 18:59
 Operator : MA/JU
 Sample : P3299-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20240717

Quant Time: Jul 22 00:44:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

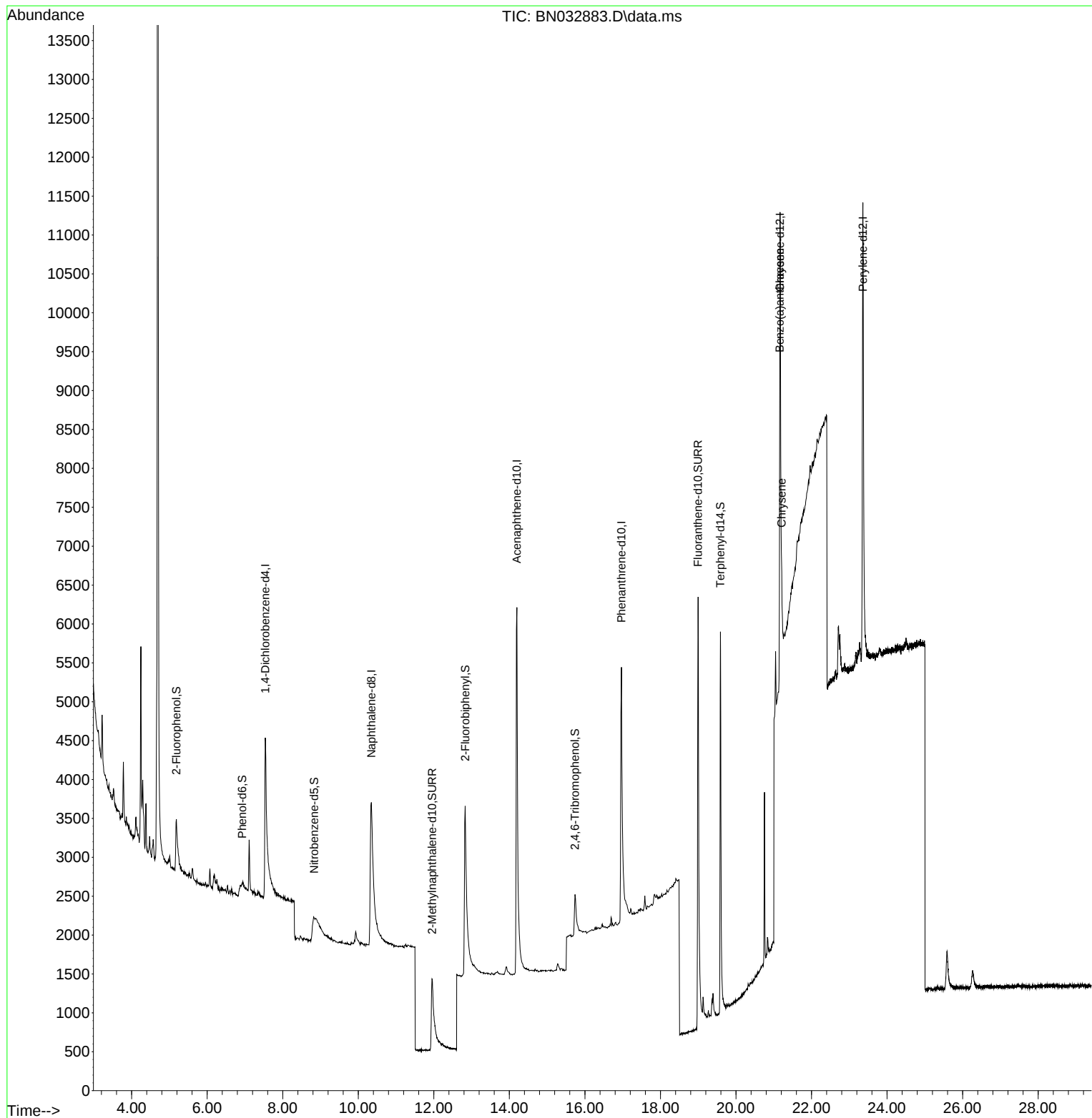
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	2633	0.400	ng	0.00
7) Naphthalene-d8	10.346	136	8318	0.400	ng	# 0.04
13) Acenaphthene-d10	14.199	164	5175	0.400	ng	0.02
19) Phenanthrene-d10	16.967	188	8883	0.400	ng	0.01
29) Chrysene-d12	21.166	240	8609	0.400	ng	# 0.00
35) Perylene-d12	23.361	264	9663	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	1538	0.231	ng	0.00
5) Phenol-d6	6.924	99	954m	0.115	ng	0.14
8) Nitrobenzene-d5	8.830	82	2138m	0.341	ng	0.10
11) 2-Methylnaphthalene-d10	11.952	152	3702	0.291	ng	0.04
14) 2,4,6-Tribromophenol	15.738	330	585	0.264	ng	0.01
15) 2-Fluorobiphenyl	12.831	172	5607	0.291	ng	0.02
27) Fluoranthene-d10	18.993	212	8236	0.358	ng	0.00
31) Terphenyl-d14	19.588	244	7047	0.399	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.157	228	621	0.023	ng	# 47
33) Chrysene	21.211	228	841	0.026	ng	# 58

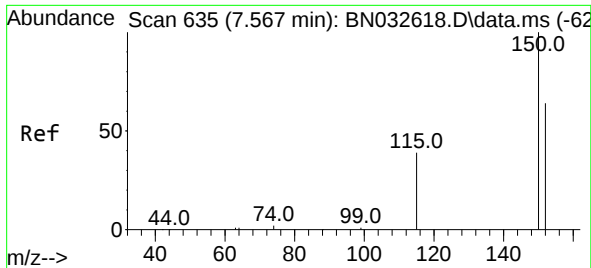
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
Data File : BN032883.D
Acq On : 20 Jul 2024 18:59
Operator : MA/JU
Sample : P3299-03
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP-303-20240717

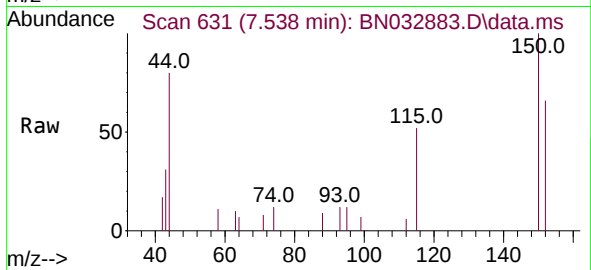
Quant Time: Jul 22 00:44:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration





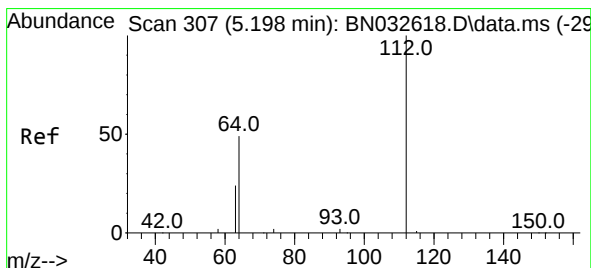
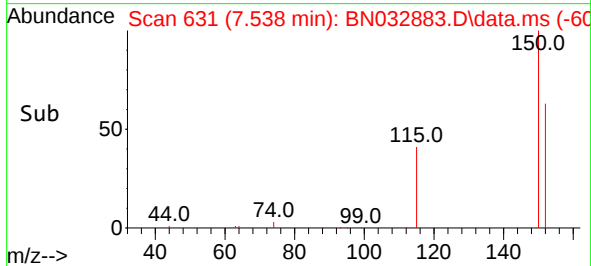
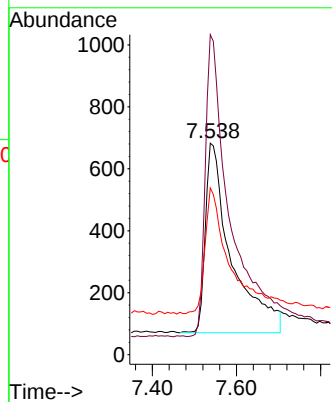
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.538 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN032883.D
 Acq: 20 Jul 2024 18:59

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20240717



Tgt Ion:152 Resp: 2633

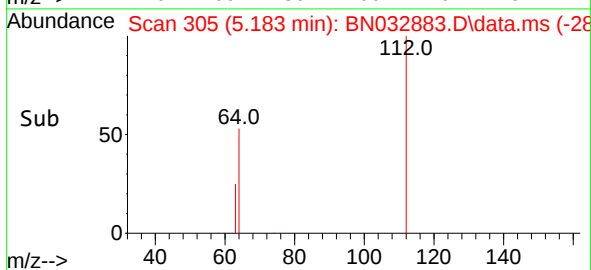
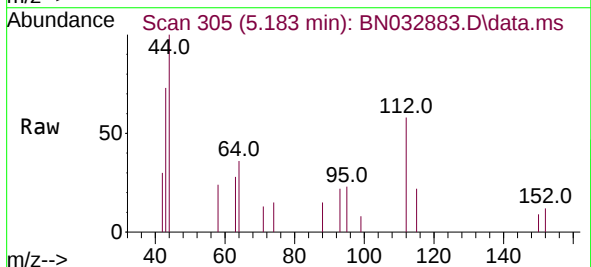
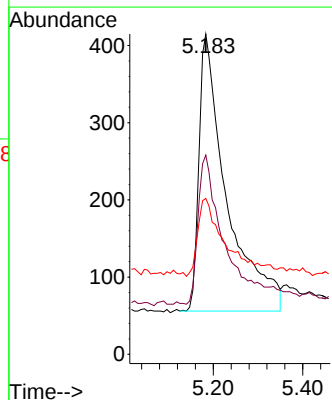
Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.8	185.6
115	78.8	52.8	79.2

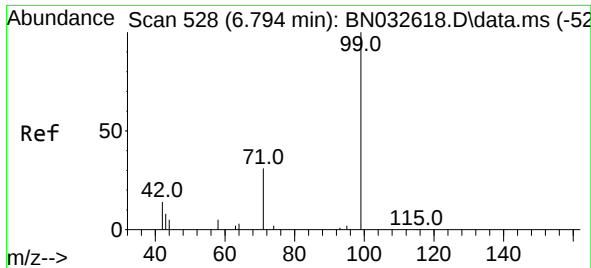


#4
 2-Fluorophenol
 Concen: 0.231 ng
 RT: 5.183 min Scan# 305
 Delta R.T. 0.007 min
 Lab File: BN032883.D
 Acq: 20 Jul 2024 18:59

Tgt Ion:112 Resp: 1538

Ion	Ratio	Lower	Upper
112	100		
64	52.4	40.2	60.4
63	28.9	22.2	33.4

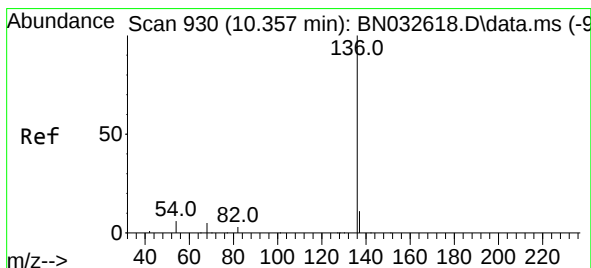
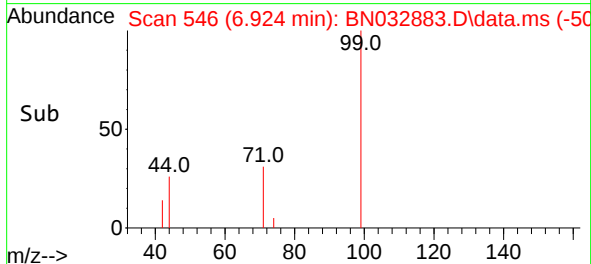
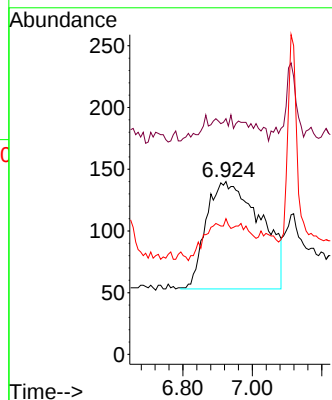
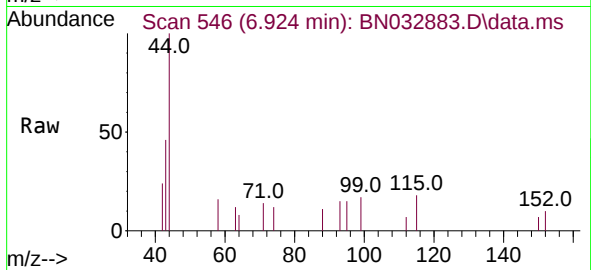




#5
Phenol-d6
Concen: 0.115 ng m
RT: 6.924 min Scan# 54
Delta R.T. 0.144 min
Lab File: BN032883.D
Acq: 20 Jul 2024 18:59

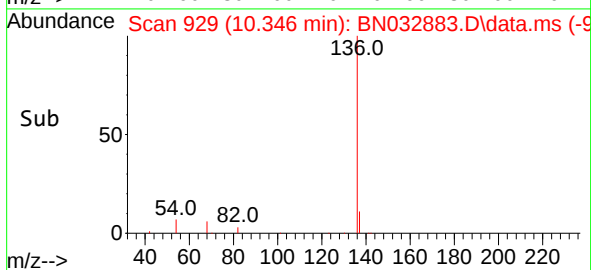
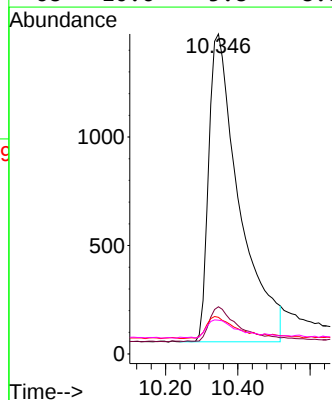
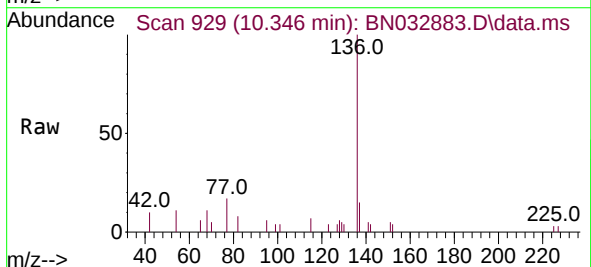
Instrument :
BNA_N
ClientSampleId :
SP-303-20240717

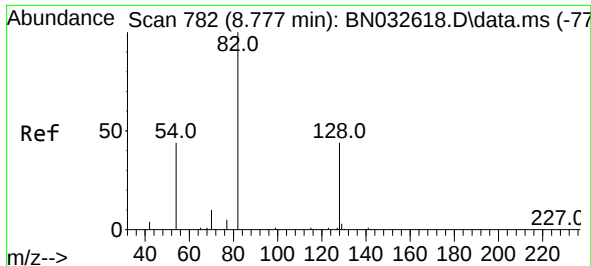
Tgt Ion: 99 Resp: 954
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 0.0 22.3 33.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.346 min Scan# 929
Delta R.T. 0.043 min
Lab File: BN032883.D
Acq: 20 Jul 2024 18:59

Tgt Ion: 136 Resp: 8318
Ion Ratio Lower Upper
136 100
137 14.8 9.9 14.9
54 11.5 6.5 9.7#
68 10.6 5.8 8.8#

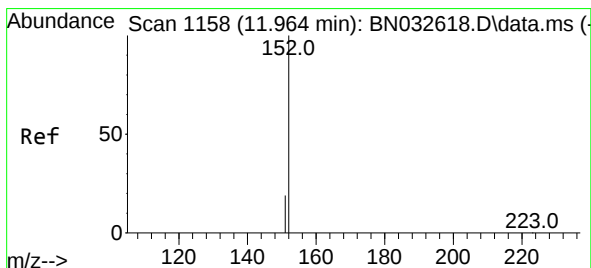
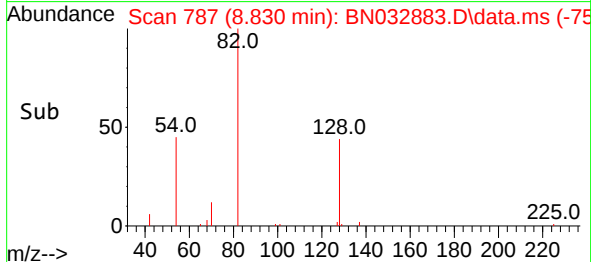
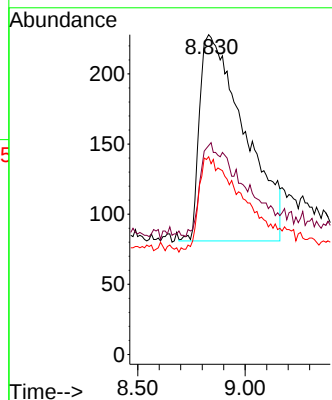
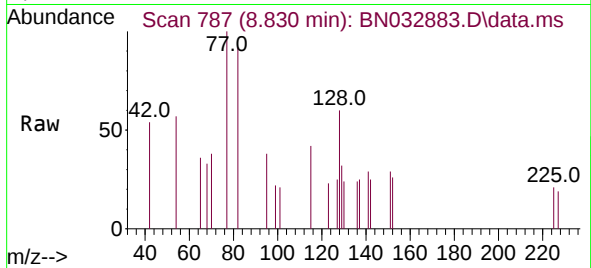




#8
 Nitrobenzene-d5
 Concen: 0.341 ng m
 RT: 8.830 min Scan# 71
 Delta R.T. 0.096 min
 Lab File: BN032883.D
 Acq: 20 Jul 2024 18:59

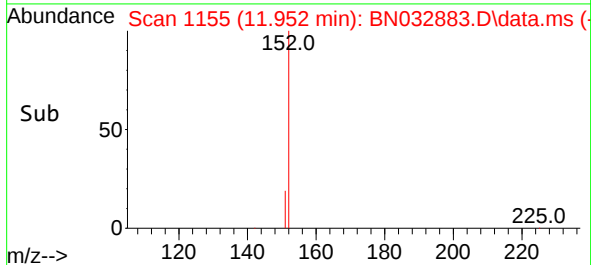
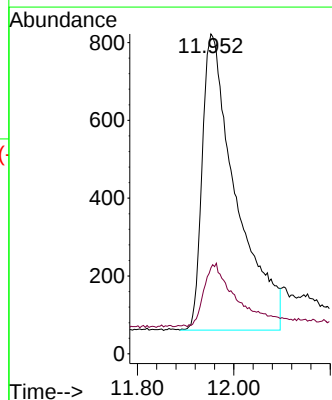
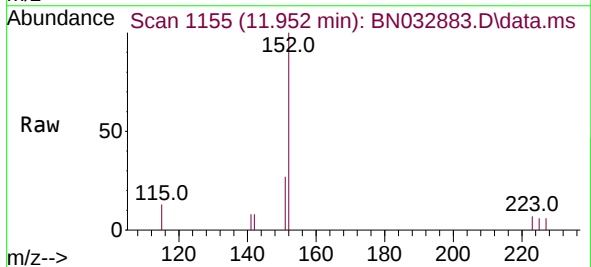
Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20240717

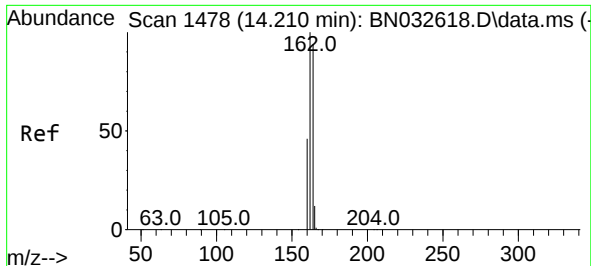
Tgt Ion: 82 Resp: 2138
 Ion Ratio Lower Upper
 82 100
 128 65.4 41.7 62.5#
 54 61.8 39.5 59.3#



#11
 2-Methylnaphthalene-d10
 Concen: 0.291 ng
 RT: 11.952 min Scan# 1155
 Delta R.T. 0.038 min
 Lab File: BN032883.D
 Acq: 20 Jul 2024 18:59

Tgt Ion: 152 Resp: 3702
 Ion Ratio Lower Upper
 152 100
 151 21.5 16.2 24.2

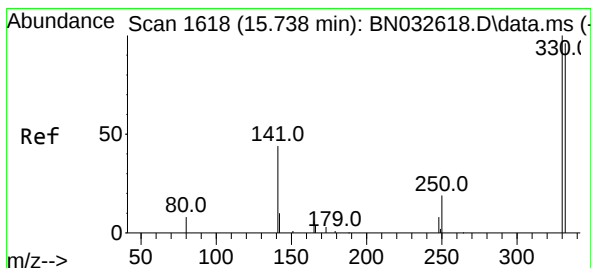
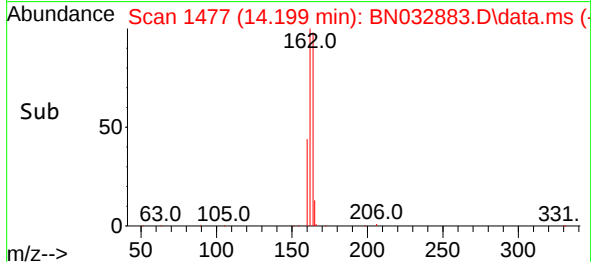
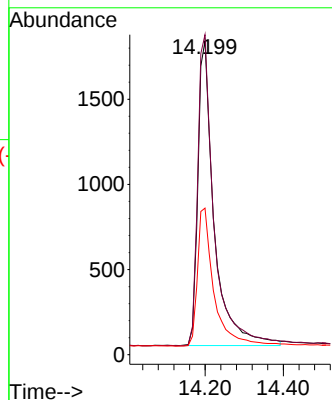
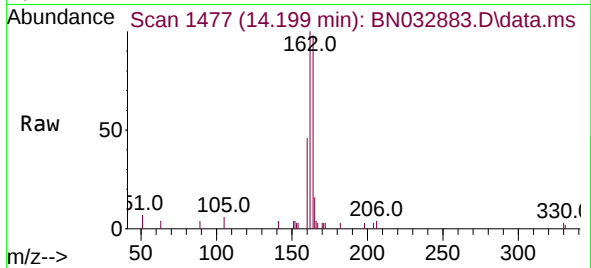




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 1477
Delta R.T. 0.021 min
Lab File: BN032883.D
Acq: 20 Jul 2024 18:59

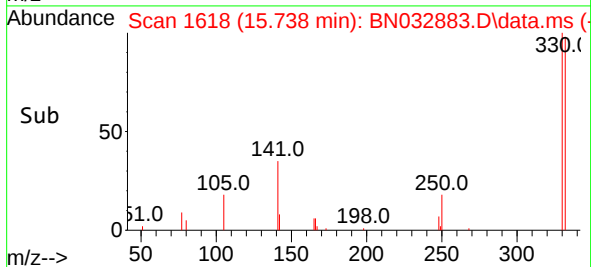
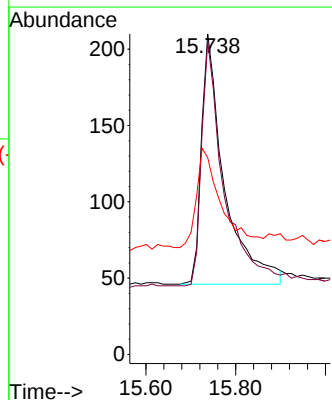
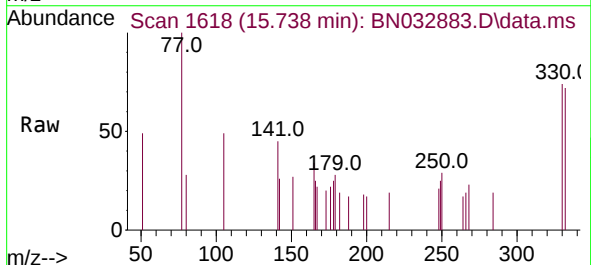
Instrument :
BNA_N
ClientSampleId :
SP-303-20240717

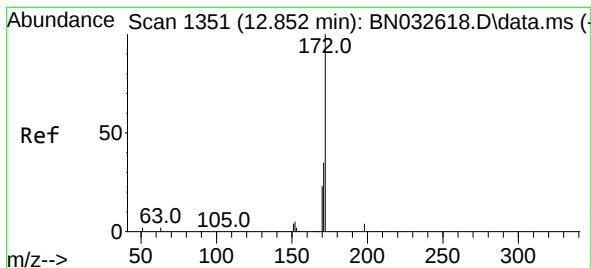
Tgt Ion:164 Resp: 5175
Ion Ratio Lower Upper
164 100
162 102.1 85.0 127.4
160 46.8 39.4 59.2



#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.738 min Scan# 1618
Delta R.T. 0.012 min
Lab File: BN032883.D
Acq: 20 Jul 2024 18:59

Tgt Ion:330 Resp: 585
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 43.1 34.2 51.2





#15

2-Fluorobiphenyl

Concen: 0.291 ng

RT: 12.831 min Scan# 11

Delta R.T. 0.021 min

Lab File: BN032883.D

Acq: 20 Jul 2024 18:59

Instrument :

BNA_N

ClientSampleId :

SP-303-20240717

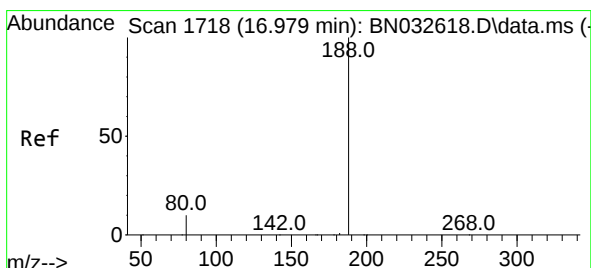
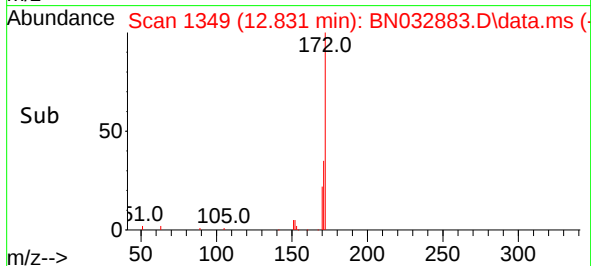
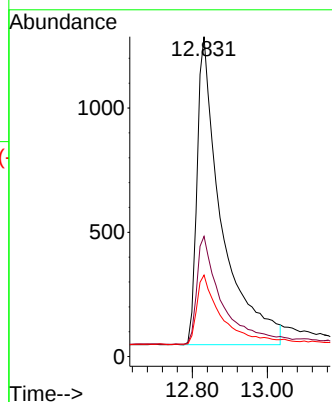
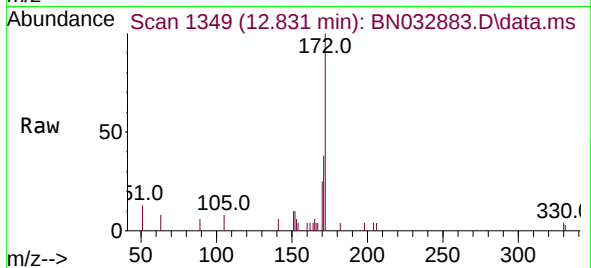
Tgt Ion:172 Resp: 5607

Ion Ratio Lower Upper

172 100

171 37.6 28.6 43.0

170 25.5 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.967 min Scan# 1717

Delta R.T. 0.012 min

Lab File: BN032883.D

Acq: 20 Jul 2024 18:59

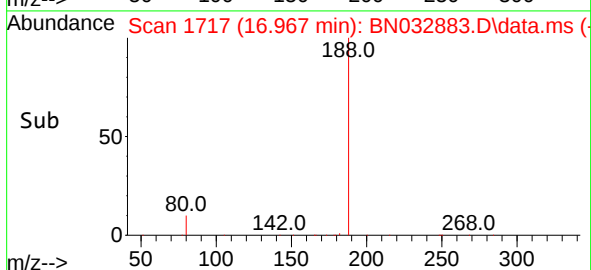
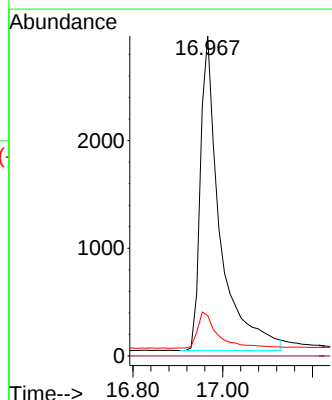
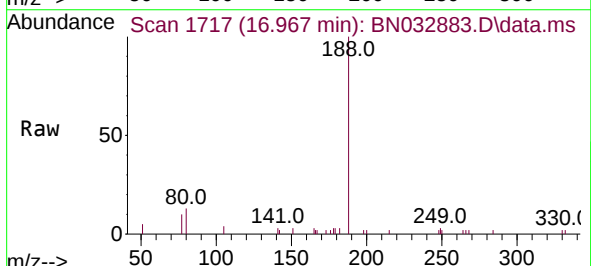
Tgt Ion:188 Resp: 8883

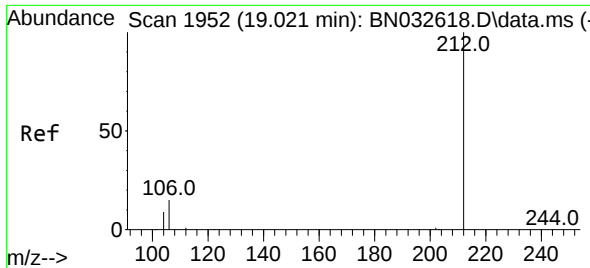
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 8.8 13.2

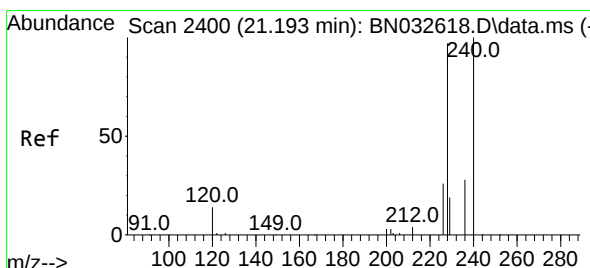
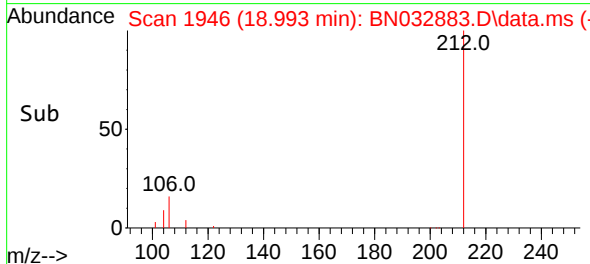
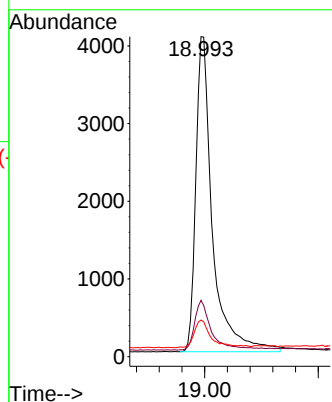
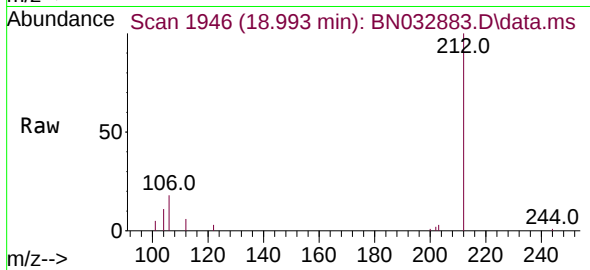




#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 18.993 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN032883.D
Acq: 20 Jul 2024 18:59

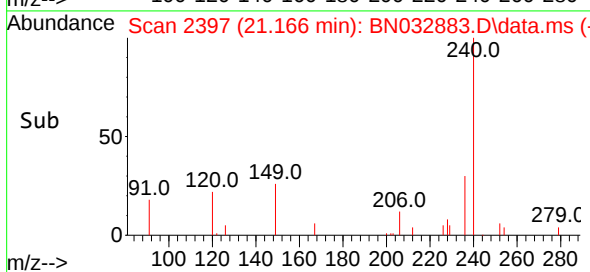
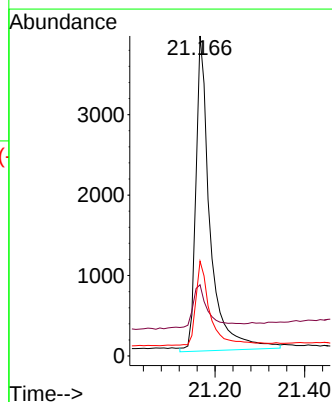
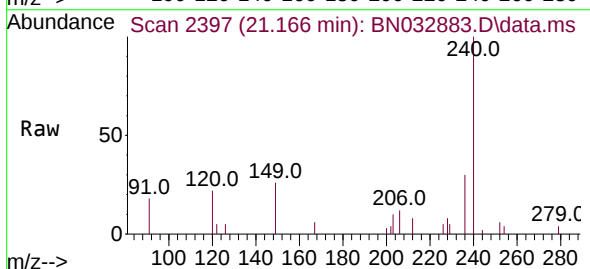
Instrument :
BNA_N
ClientSampleId :
SP-303-20240717

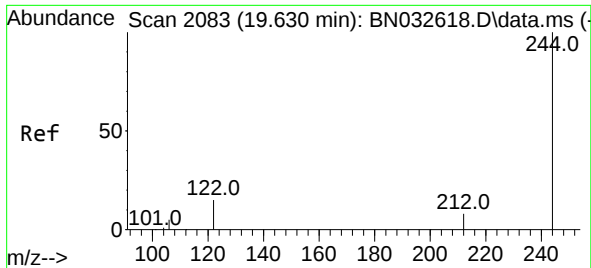
Tgt Ion:212 Resp: 8236
Ion Ratio Lower Upper
212 100
106 16.1 11.9 17.9
104 8.7 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BN032883.D
Acq: 20 Jul 2024 18:59

Tgt Ion:240 Resp: 8609
Ion Ratio Lower Upper
240 100
120 22.2 14.8 22.2#
236 29.6 23.3 34.9

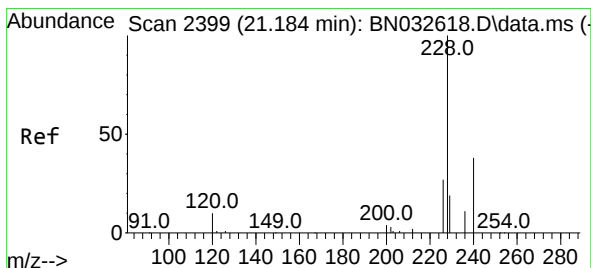
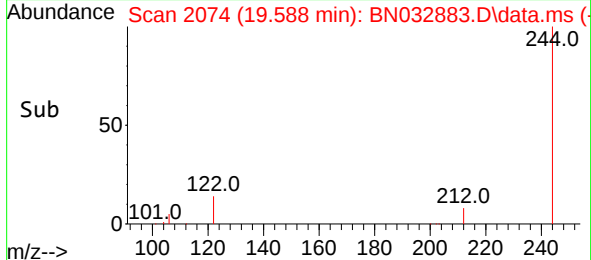
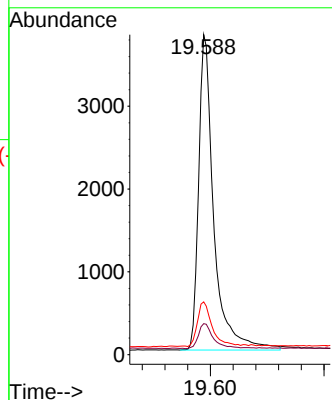
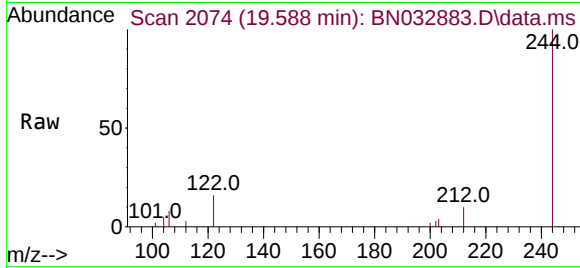




#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.588 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BN032883.D
Acq: 20 Jul 2024 18:59

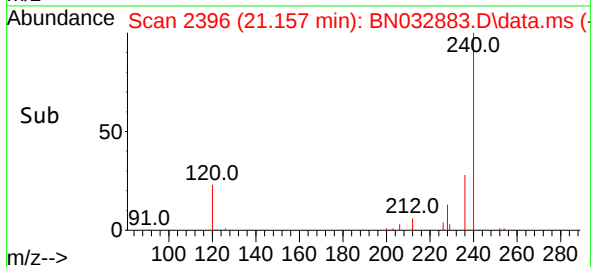
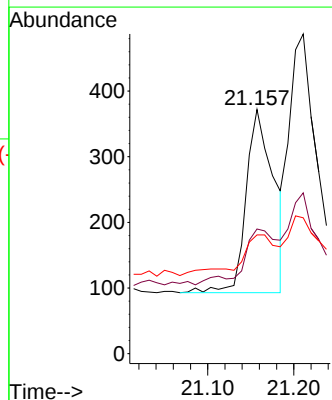
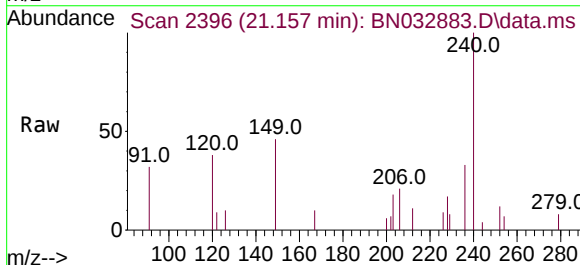
Instrument :
BNA_N
ClientSampleId :
SP-303-20240717

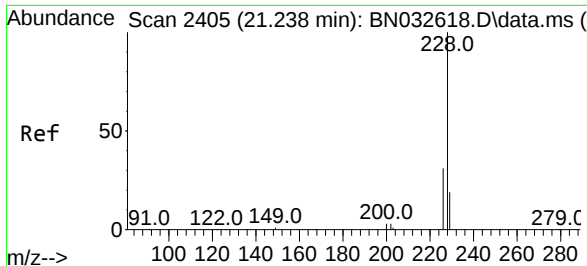
Tgt Ion:244 Resp: 7047
Ion Ratio Lower Upper
244 100
212 9.7 7.5 11.3
122 16.5 12.6 19.0



#32
Benzo(a)anthracene
Concen: 0.023 ng
RT: 21.157 min Scan# 2396
Delta R.T. 0.009 min
Lab File: BN032883.D
Acq: 20 Jul 2024 18:59

Tgt Ion:228 Resp: 621
Ion Ratio Lower Upper
228 100
226 51.1 21.8 32.6#
229 48.7 16.0 24.0#





#33

Chrysene

Concen: 0.026 ng

RT: 21.211 min Scan# 2402

Delta R.T. 0.009 min

Lab File: BN032883.D

Acq: 20 Jul 2024 18:59

Instrument :

BNA_N

ClientSampleId :

SP-303-20240717

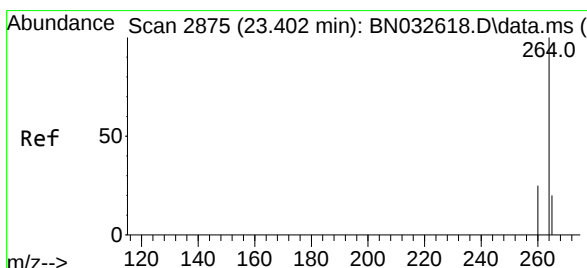
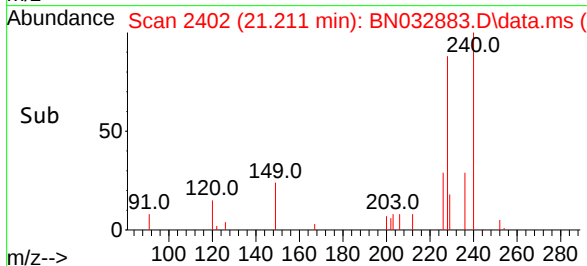
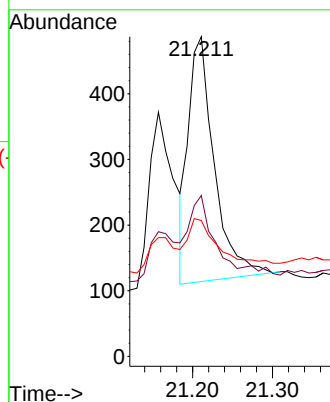
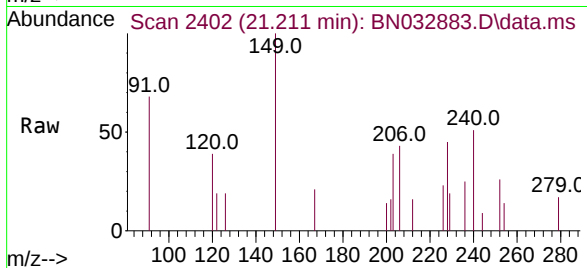
Tgt Ion:228 Resp: 841

Ion Ratio Lower Upper

228 100

226 50.3 24.2 36.2#

229 42.5 16.0 24.0#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.361 min Scan# 2861

Delta R.T. 0.003 min

Lab File: BN032883.D

Acq: 20 Jul 2024 18:59

Tgt Ion:264 Resp: 9663

Ion Ratio Lower Upper

264 100

260 27.2 20.9 31.3

265 93.3 85.4 128.2

