

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034549.D
 Acq On : 11 Oct 2024 09:15
 Operator : RC/JU
 Sample : P4263-04DL 2X
 Misc :
 ALS Vial : 125 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20240930DL

Quant Time: Oct 11 10:59:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

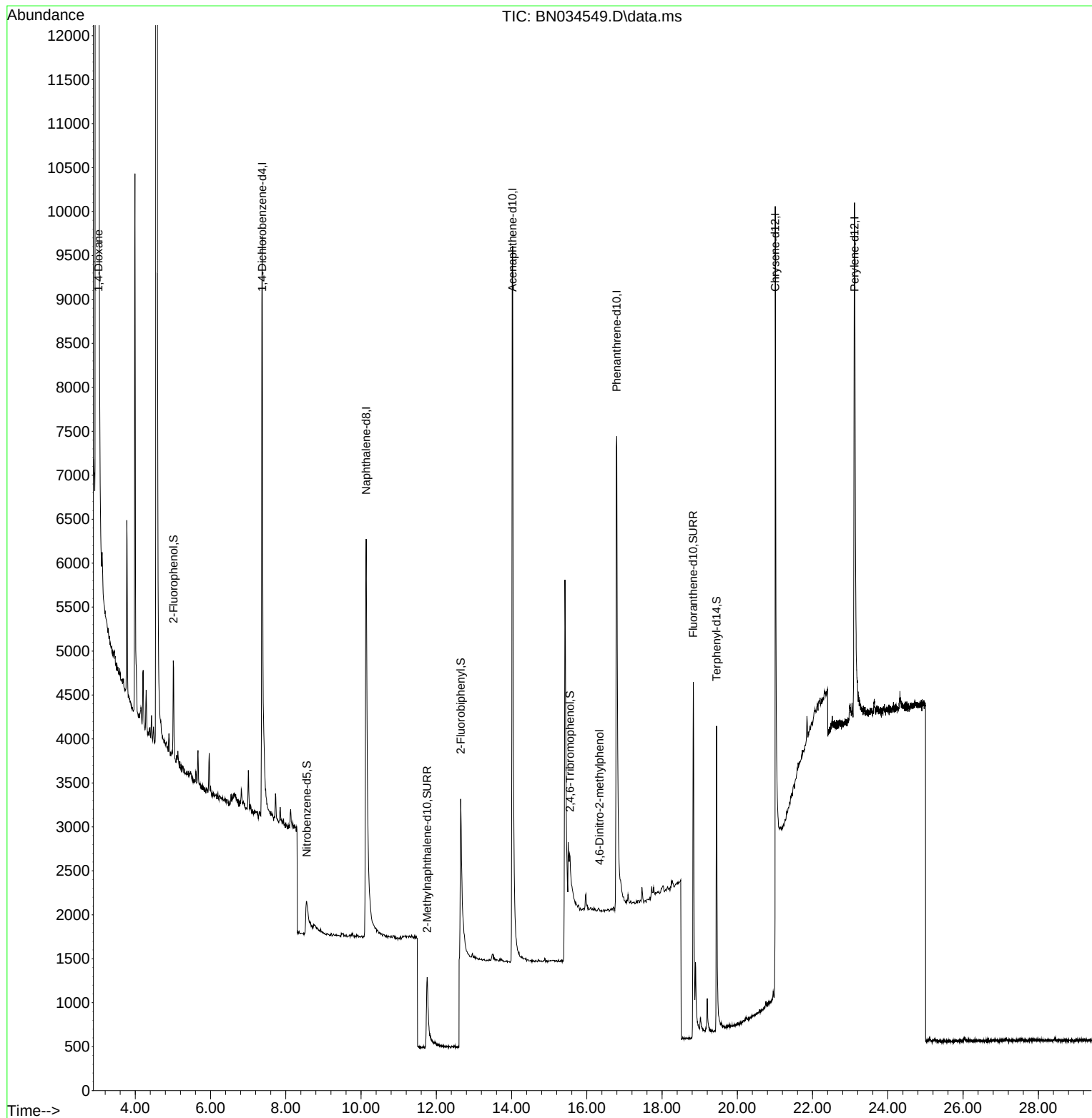
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.372	152	4287	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	12310	0.400	ng	0.01
13) Acenaphthene-d10	14.029	164	7425	0.400	ng	0.01
19) Phenanthrene-d10	16.795	188	14129	0.400	ng	0.02
29) Chrysene-d12	21.008	240	8780	0.400	ng	0.00
35) Perylene-d12	23.112	264	10183	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	993	0.082	ng	0.00
5) Phenol-d6	6.534	99	4	0.000	ng	-0.04
8) Nitrobenzene-d5	8.557	82	750	0.080	ng	0.04
11) 2-Methylnaphthalene-d10	11.757	152	2244	0.123	ng	0.03
14) 2,4,6-Tribromophenol	15.554	330	333	0.099	ng	0.02
15) 2-Fluorobiphenyl	12.650	172	3666	0.121	ng	0.01
27) Fluoranthene-d10	18.829	212	6432	0.180	ng	0.00
31) Terphenyl-d14	19.447	244	4414	0.252	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.024	88	17928	3.345	ng	99
20) 4,6-Dinitro-2-methylph...	16.336	198	4	0.139	ng	# 1

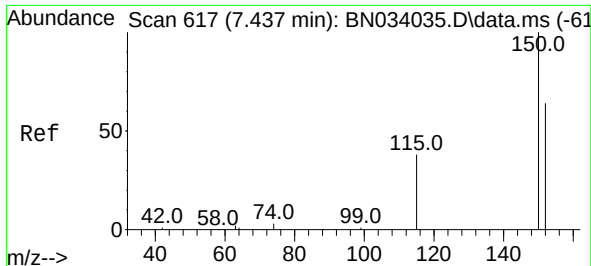
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE115D2-20240930DL

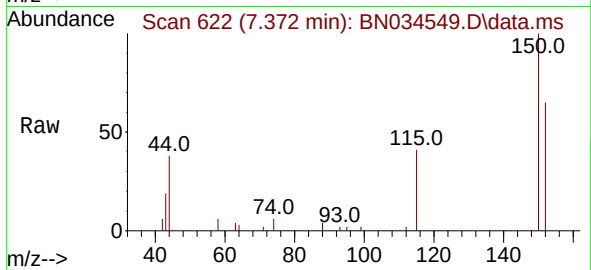
Quant Time: Oct 11 10:59:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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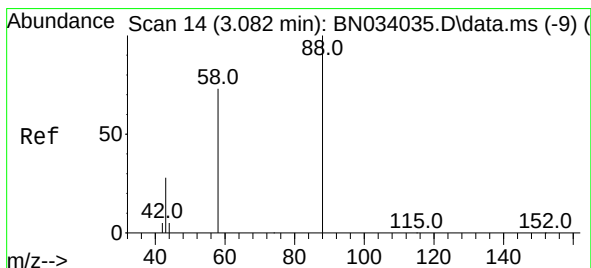
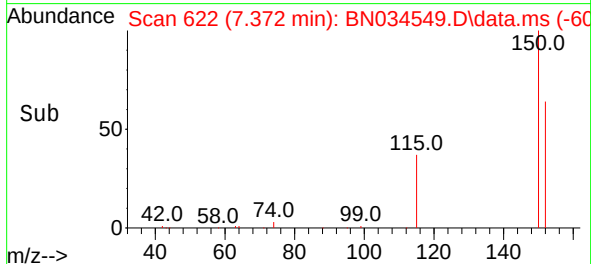
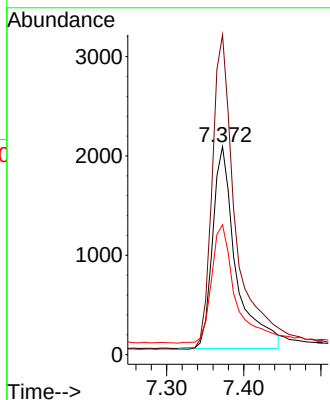


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.372 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930DL

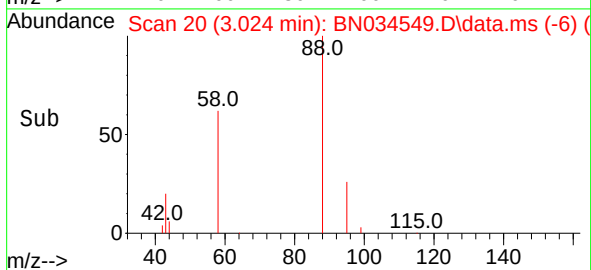
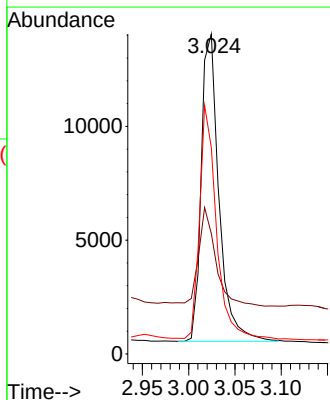
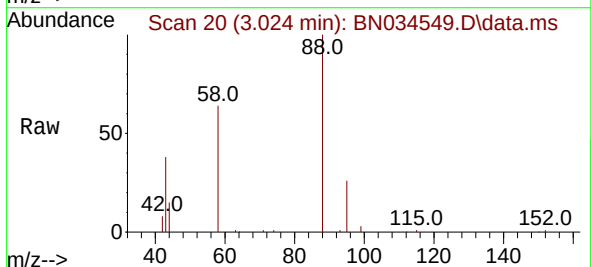


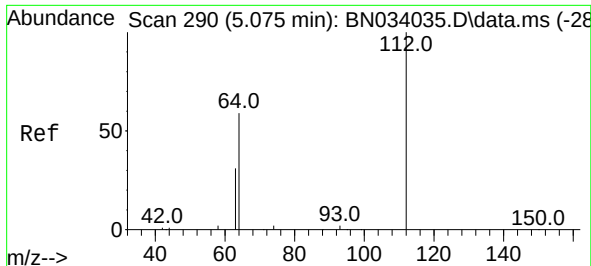
Tgt Ion:152 Resp: 4287
Ion Ratio Lower Upper
152 100
150 153.7 124.6 187.0
115 62.4 50.0 75.0



#2
1,4-Dioxane
Concen: 3.345 ng
RT: 3.024 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

Tgt Ion: 88 Resp: 17928
Ion Ratio Lower Upper
88 100
43 31.5 25.8 38.8
58 72.3 58.8 88.2

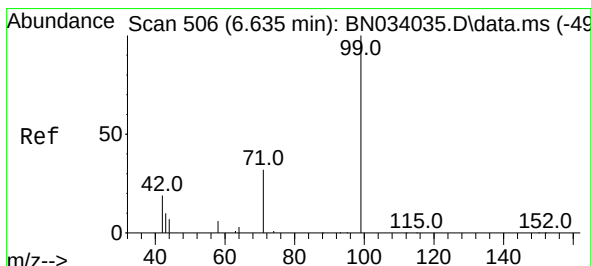
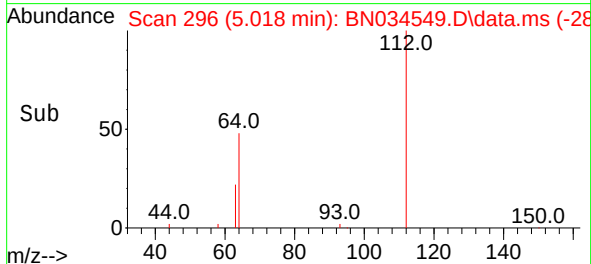
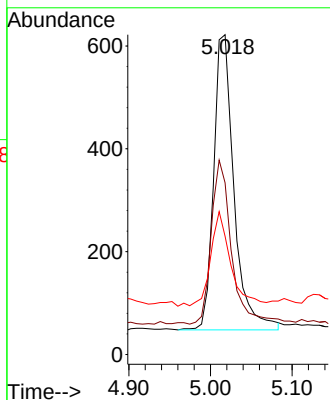
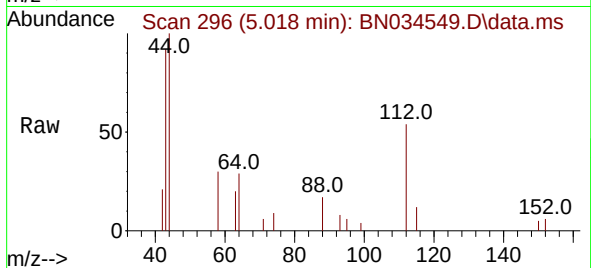




#4
2-Fluorophenol
Concen: 0.082 ng
RT: 5.018 min Scan# 20
Delta R.T. 0.007 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

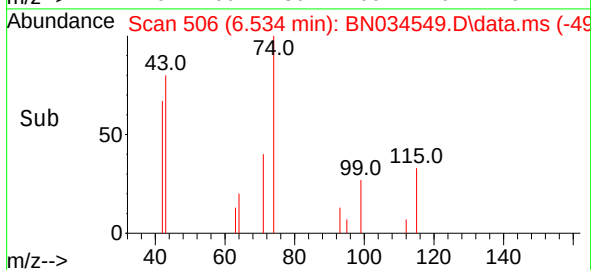
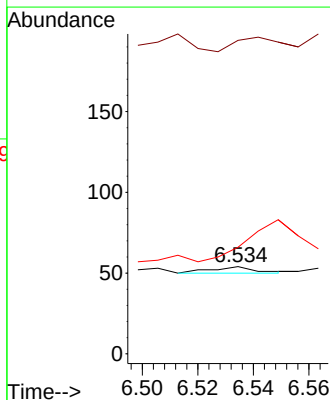
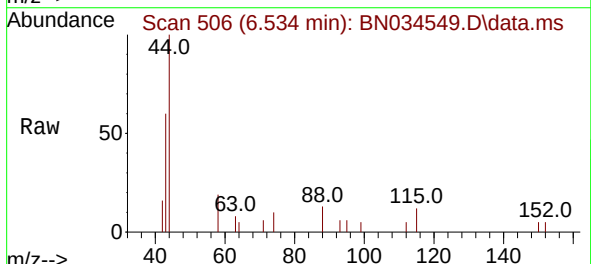
Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930DL

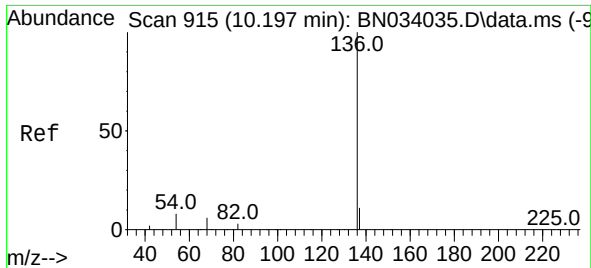
Tgt Ion:112 Resp: 993
Ion Ratio Lower Upper
112 100
64 55.2 48.6 72.8
63 30.7 25.6 38.4



#5
Phenol-d6
Concen: 0.000 ng
RT: 6.534 min Scan# 506
Delta R.T. -0.037 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

Tgt Ion: 99 Resp: 4
Ion Ratio Lower Upper
99 100
42 275.0 17.8 26.8#
71 925.0 26.2 39.2#

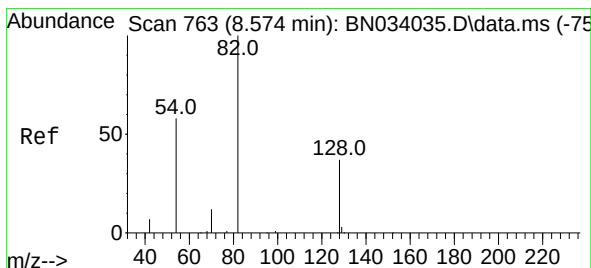
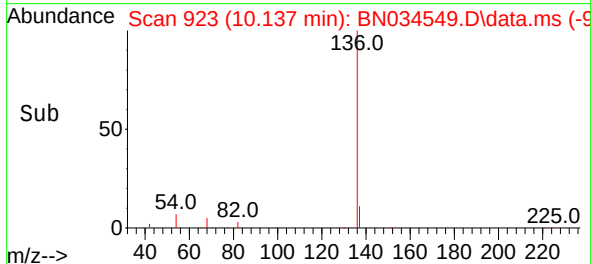
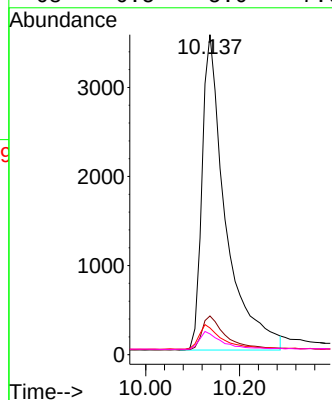
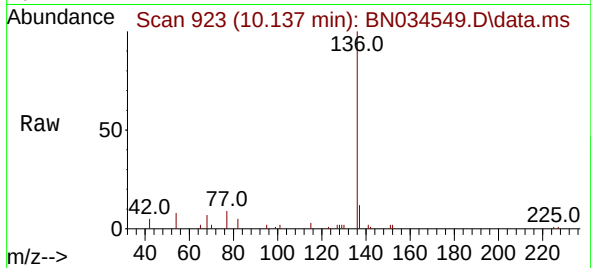




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. 0.010 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

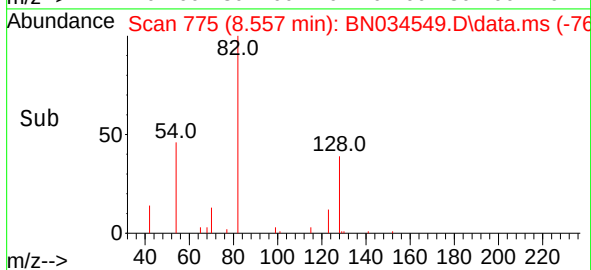
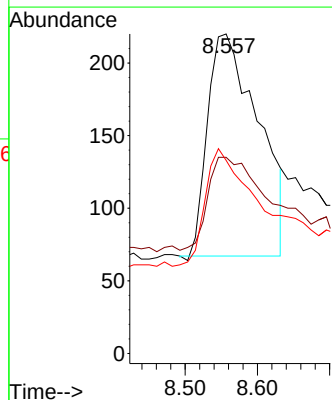
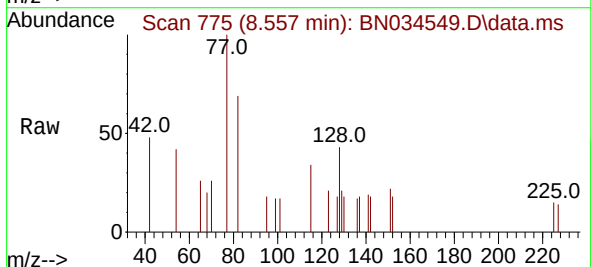
Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930DL

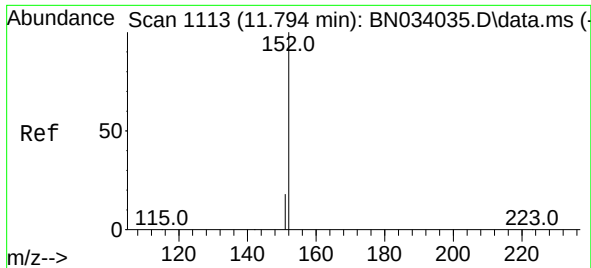
Tgt Ion:	136	Resp:	12310
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.0	13.6
54	8.3	6.8	10.2
68	6.5	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.080 ng
RT: 8.557 min Scan# 775
Delta R.T. 0.042 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

Tgt Ion:	82	Resp:	750
Ion Ratio	Lower	Upper	
82	100		
128	61.4	31.4	47.2#
54	60.5	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.123 ng

RT: 11.757 min Scan# 1118

Delta R.T. 0.030 min

Lab File: BN034549.D

Acq: 11 Oct 2024 09:15

Instrument :

BNA_N

ClientSampleId :

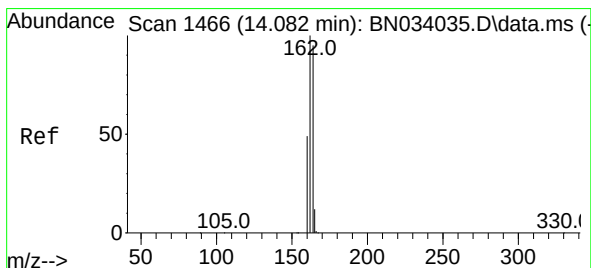
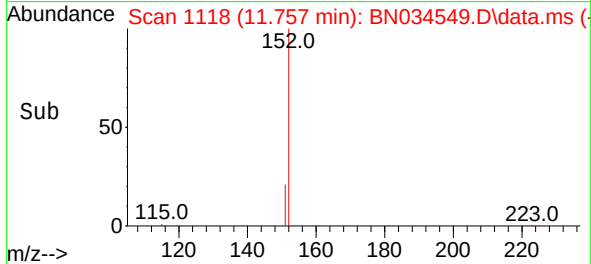
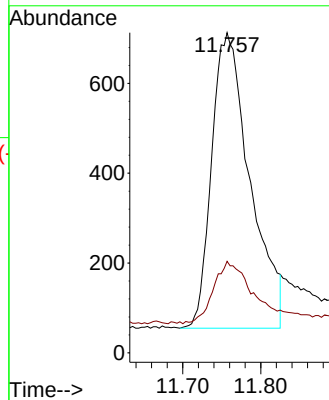
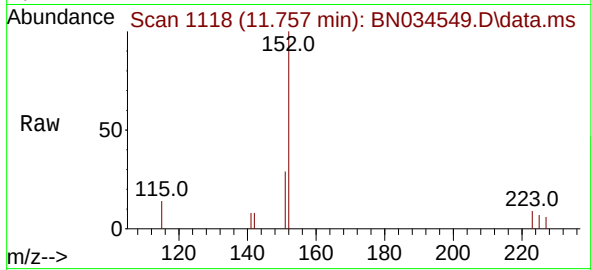
RE115D2-20240930DL

Tgt Ion:152 Resp: 2244

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.029 min Scan# 1476

Delta R.T. 0.014 min

Lab File: BN034549.D

Acq: 11 Oct 2024 09:15

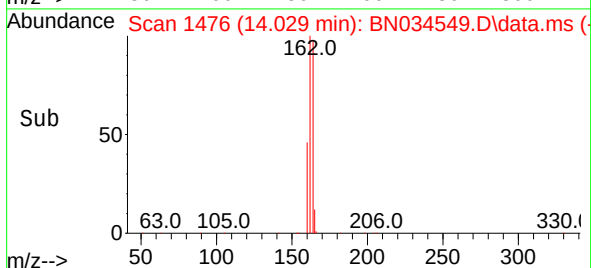
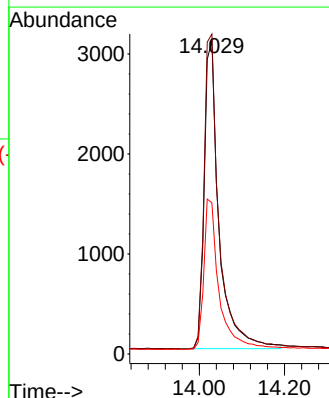
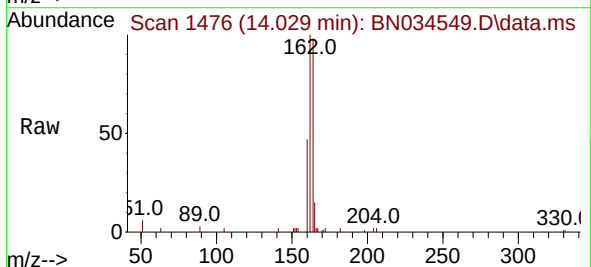
Tgt Ion:164 Resp: 7425

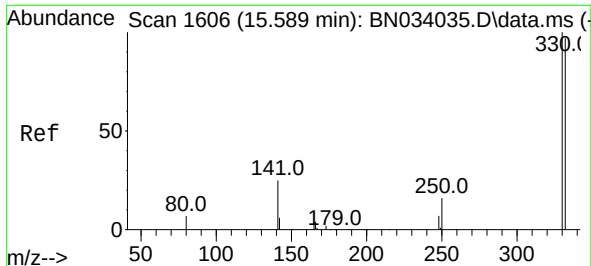
Ion Ratio Lower Upper

164 100

162 102.1 84.2 126.2

160 48.2 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.099 ng

RT: 15.554 min Scan# 1

Delta R.T. 0.017 min

Lab File: BN034549.D

Acq: 11 Oct 2024 09:15

Instrument :

BNA_N

ClientSampleId :

RE115D2-20240930DL

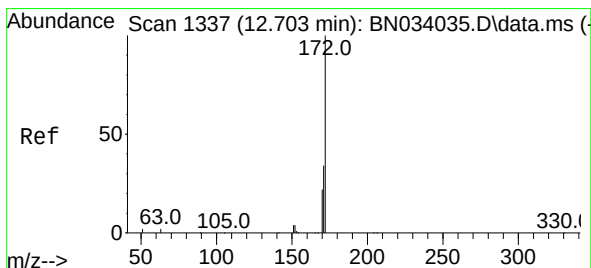
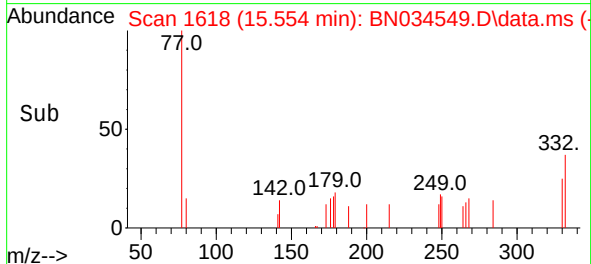
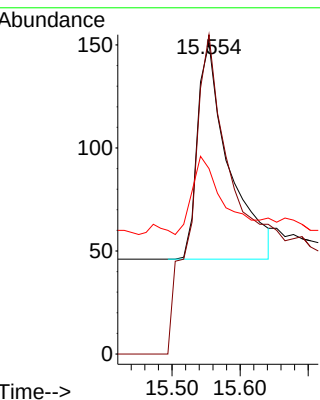
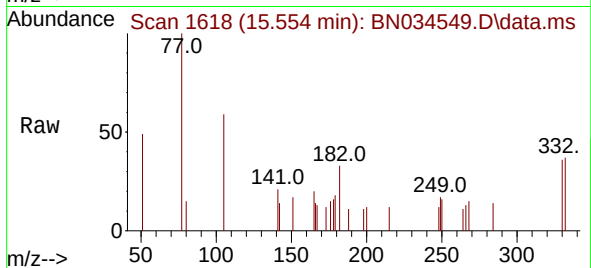
Tgt Ion:330 Resp: 333

Ion Ratio Lower Upper

330 100

332 230.9 77.4 116.0#

141 36.6 35.9 53.9



#15

2-Fluorobiphenyl

Concen: 0.121 ng

RT: 12.650 min Scan# 1347

Delta R.T. 0.014 min

Lab File: BN034549.D

Acq: 11 Oct 2024 09:15

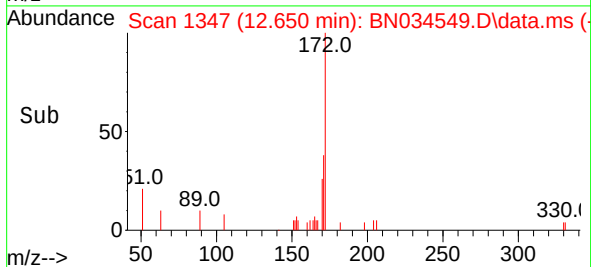
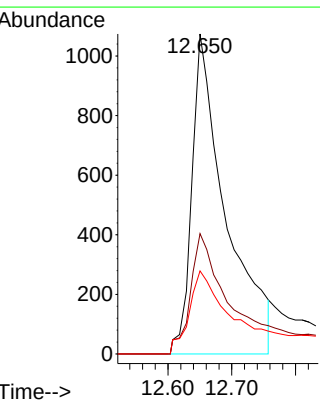
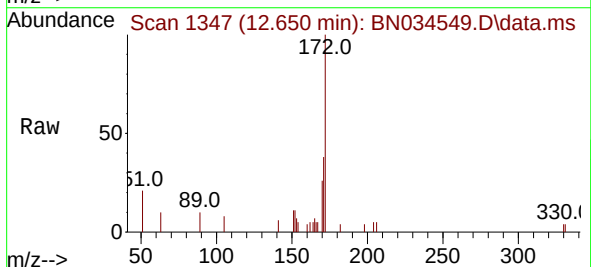
Tgt Ion:172 Resp: 3666

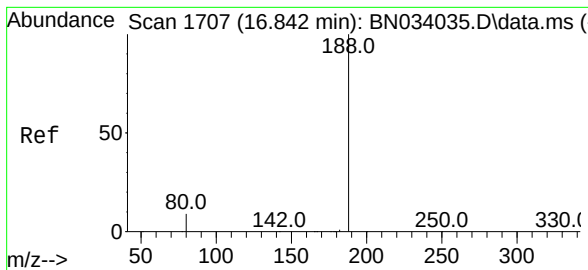
Ion Ratio Lower Upper

172 100

171 37.6 27.3 40.9

170 26.0 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.795 min Scan# 1

Delta R.T. 0.017 min

Lab File: BN034549.D

Acq: 11 Oct 2024 09:15

Instrument :

BNA_N

ClientSampleId :

RE115D2-20240930DL

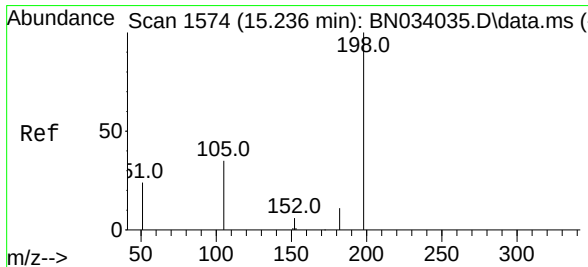
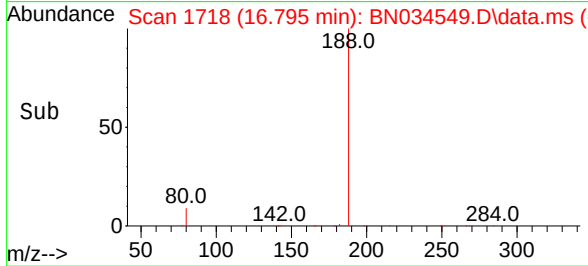
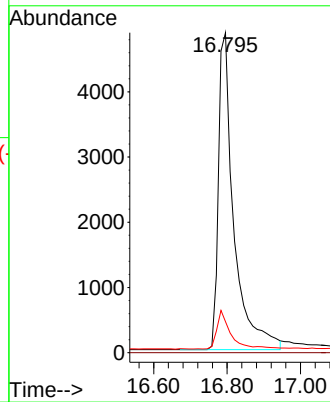
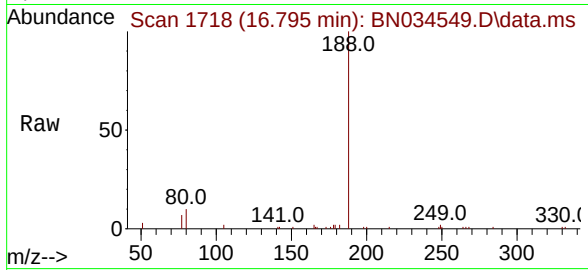
Tgt Ion:188 Resp: 14129

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 16.336 min Scan# 1681

Delta R.T. 0.055 min

Lab File: BN034549.D

Acq: 11 Oct 2024 09:15

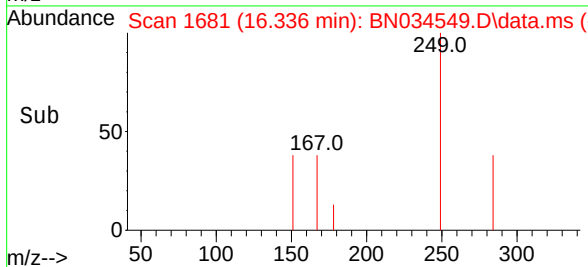
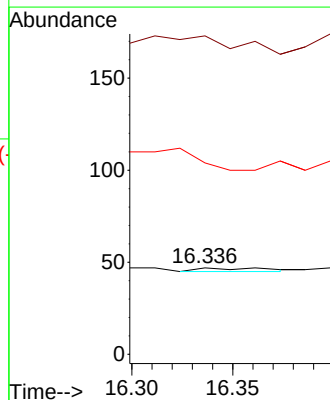
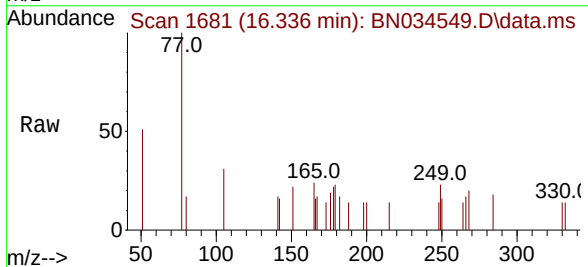
Tgt Ion:198 Resp: 4

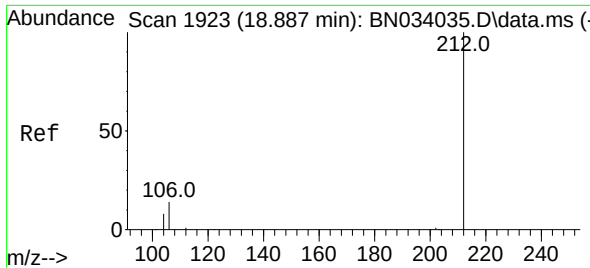
Ion Ratio Lower Upper

198 100

51 368.1 106.4 159.6#

105 221.3 38.5 57.7#

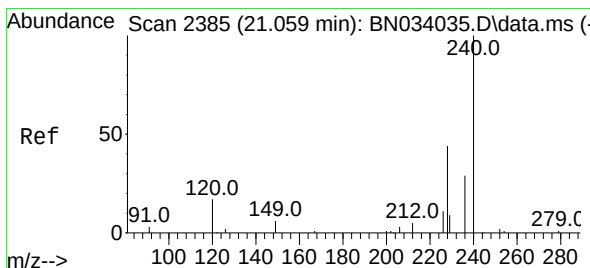
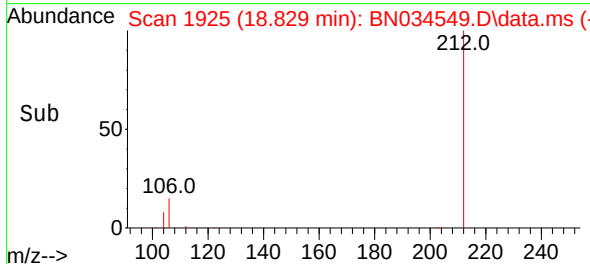
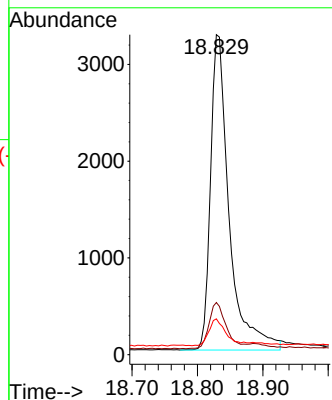
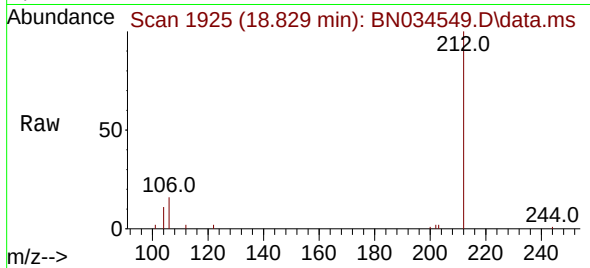




#27
Fluoranthene-d10
Concen: 0.180 ng
RT: 18.829 min Scan# 1925
Delta R.T. 0.002 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

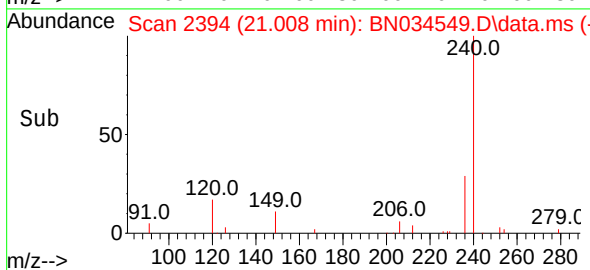
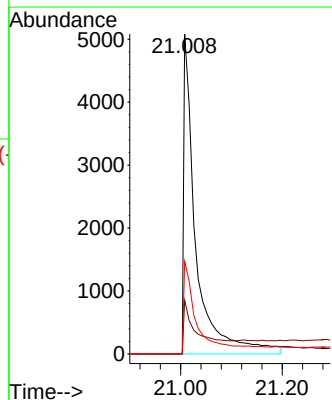
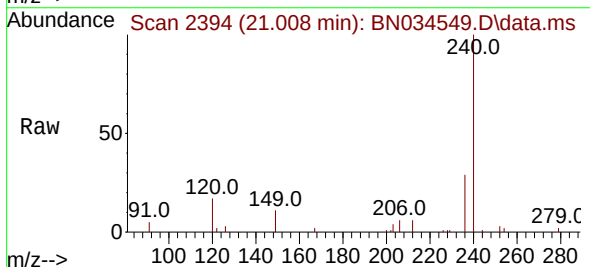
Instrument :
BNA_N
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RE115D2-20240930DL

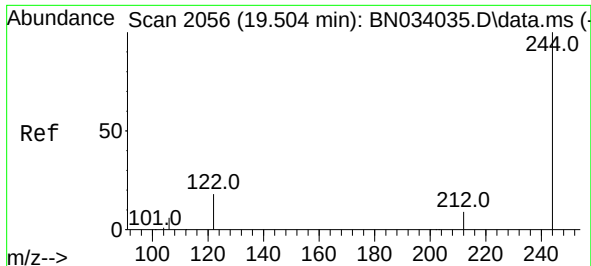
Tgt Ion:212 Resp: 6432
Ion Ratio Lower Upper
212 100
106 13.7 13.4 20.2
104 8.0 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.002 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

Tgt Ion:240 Resp: 8780
Ion Ratio Lower Upper
240 100
120 16.7 13.5 20.3
236 28.9 23.4 35.0

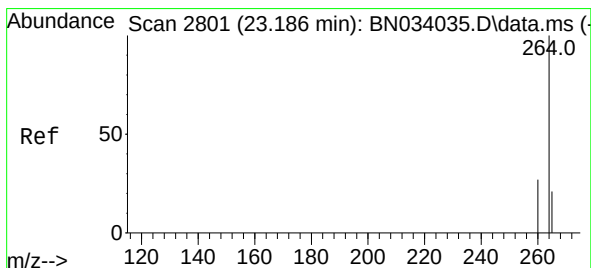
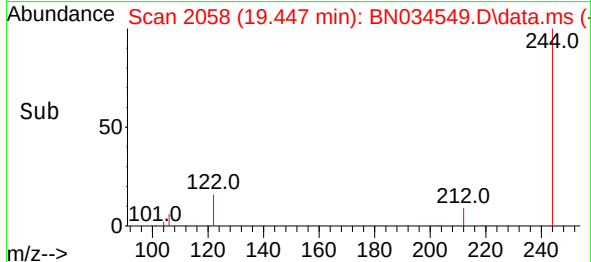
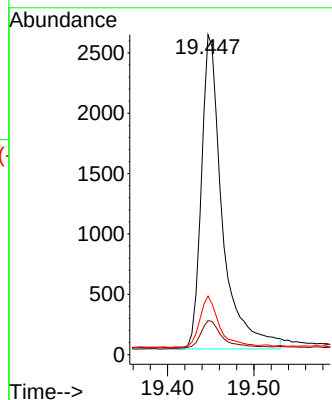
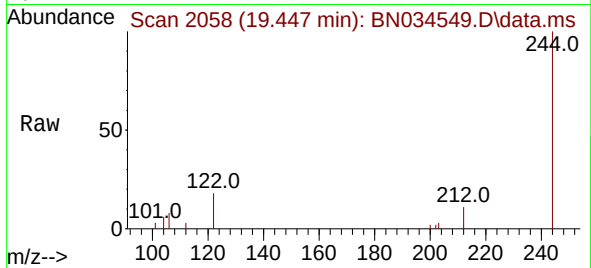




#31
 Terphenyl-d14
 Concen: 0.252 ng
 RT: 19.447 min Scan# 2056
 Delta R.T. -0.003 min
 Lab File: BN034549.D
 Acq: 11 Oct 2024 09:15

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20240930DL

Tgt Ion:244 Resp: 4414
 Ion Ratio Lower Upper
 244 100
 212 10.6 7.8 11.6
 122 18.3 14.8 22.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.112 min Scan# 2792
 Delta R.T. -0.001 min
 Lab File: BN034549.D
 Acq: 11 Oct 2024 09:15

Tgt Ion:264 Resp: 10183
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.7 32.5
 265 86.3 52.1 78.1#

