

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051424\
 Data File : BN031519.D
 Acq On : 14 May 2024 11:09
 Operator : MA/JU
 Sample : P2455-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66-051024DL

Quant Time: May 14 11:38:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

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

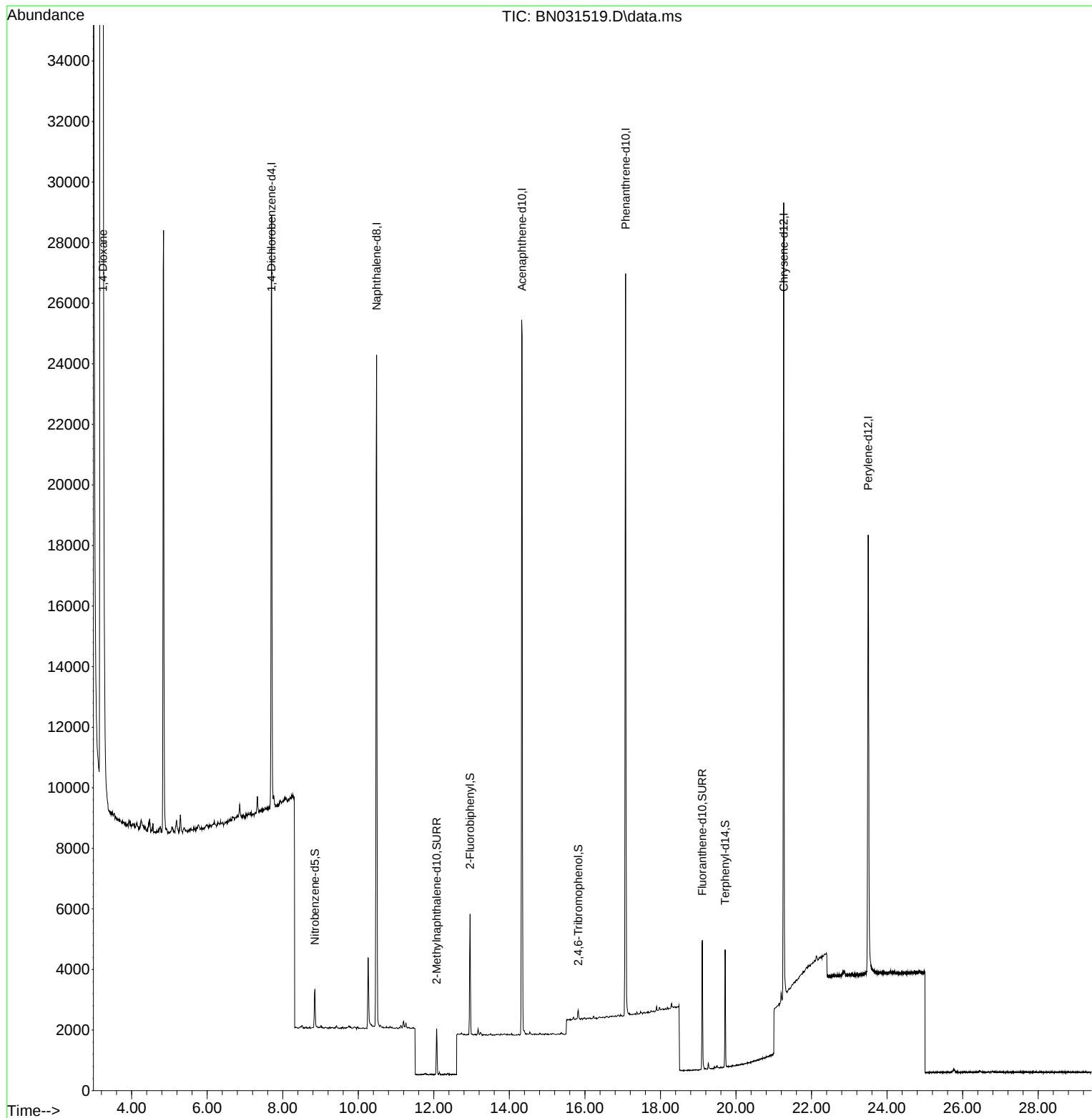
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	9307	0.400	ng	-0.01
7) Naphthalene-d8	10.485	136	28915	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	14385	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	32197	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	23108	0.400	ng	0.00
35) Perylene-d12	23.499	264	20894	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	467	0.018	ng	0.00
5) Phenol-d6	6.859	99	379	0.011	ng	-0.01
8) Nitrobenzene-d5	8.851	82	1089	0.052	ng	-0.01
11) 2-Methylnaphthalene-d10	12.077	152	2021	0.043	ng	-0.02
14) 2,4,6-Tribromophenol	15.825	330	187	0.034	ng	-0.01
15) 2-Fluorobiphenyl	12.959	172	3252	0.059	ng	-0.02
27) Fluoranthene-d10	19.110	212	4600	0.051	ng	0.00
31) Terphenyl-d14	19.713	244	3495	0.062	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.240	88	23120	2.019	ng	# 85

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

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RMW-02B-66-051024DL

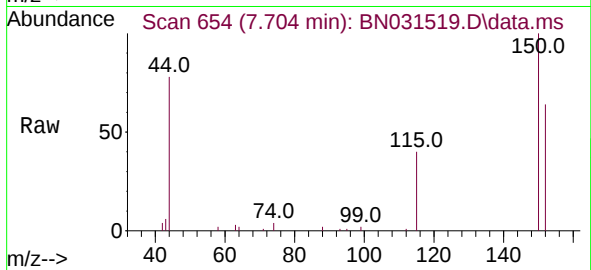
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration



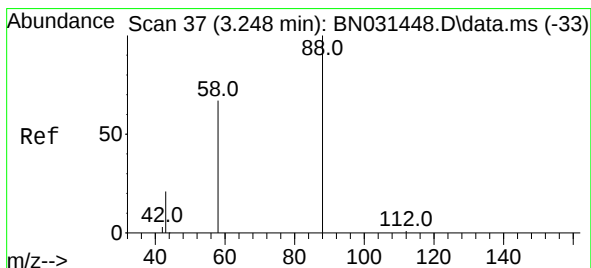
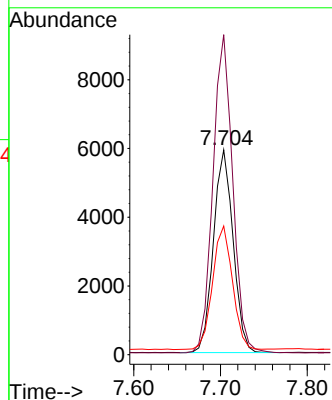
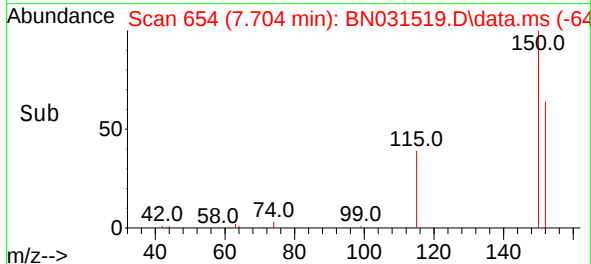


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.704 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN031519.D
Acq: 14 May 2024 11:09

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-051024DL

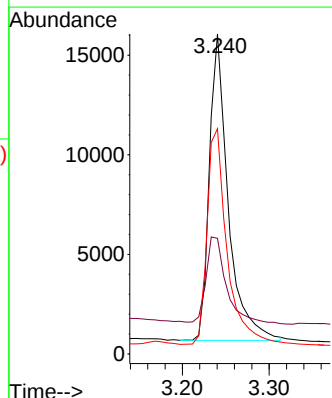
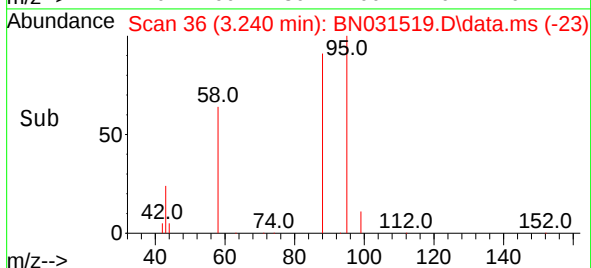
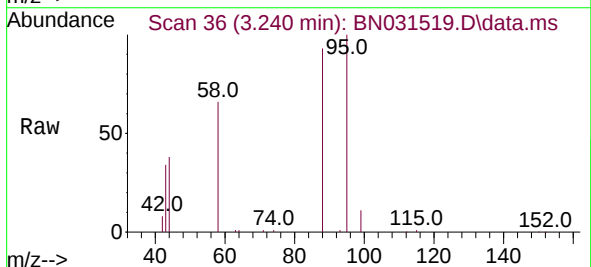


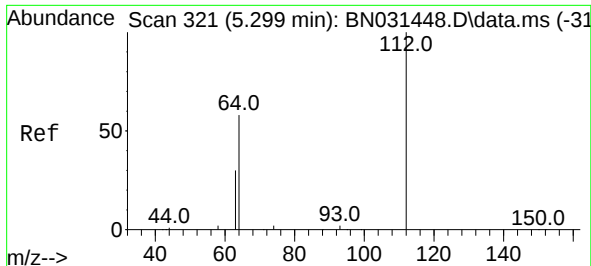
Tgt Ion:152 Resp: 9307
Ion Ratio Lower Upper
152 100
150 156.3 119.3 178.9
115 62.8 54.8 82.2



#2
1,4-Dioxane
Concen: 2.019 ng
RT: 3.240 min Scan# 36
Delta R.T. -0.007 min
Lab File: BN031519.D
Acq: 14 May 2024 11:09

Tgt Ion: 88 Resp: 23120
Ion Ratio Lower Upper
88 100
43 30.8 39.0 58.6#
58 74.8 54.9 82.3





#4

2-Fluorophenol

Concen: 0.018 ng

RT: 5.292 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN031519.D

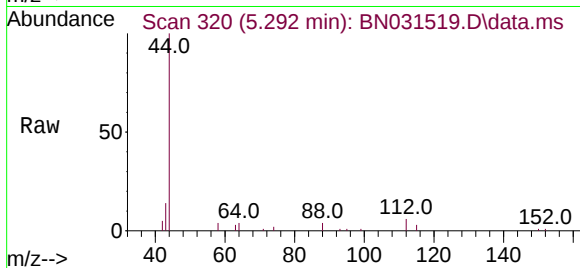
Acq: 14 May 2024 11:09

Instrument :

BNA_N

ClientSampleId :

RMW-02B-66-051024DL



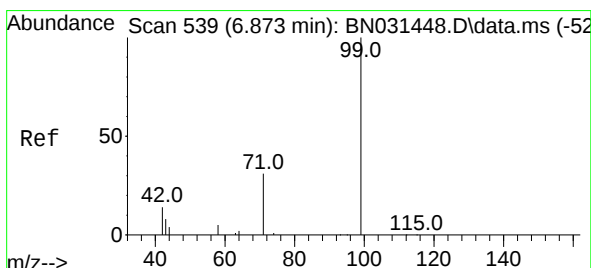
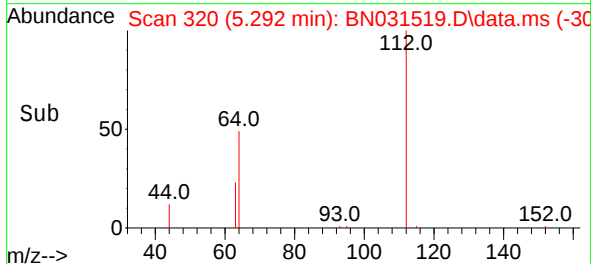
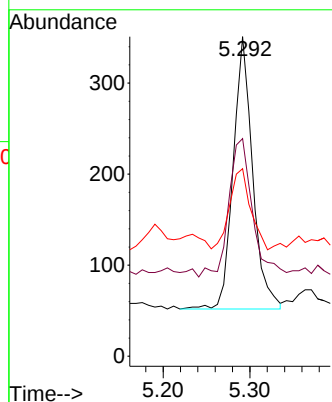
Tgt Ion:112 Resp: 467

Ion Ratio Lower Upper

112 100

64 61.9 44.0 66.0

63 31.3 22.2 33.4



#5

Phenol-d6

Concen: 0.011 ng

RT: 6.859 min Scan# 537

Delta R.T. -0.015 min

Lab File: BN031519.D

Acq: 14 May 2024 11:09

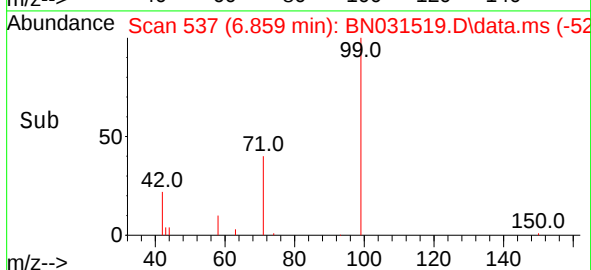
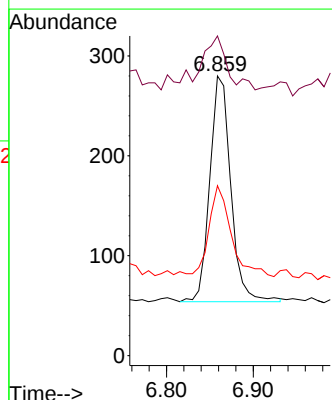
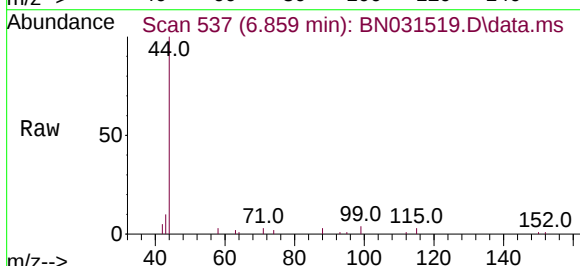
Tgt Ion: 99 Resp: 379

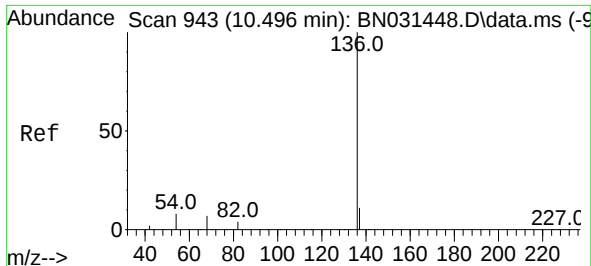
Ion Ratio Lower Upper

99 100

42 33.0 13.5 20.3#

71 42.7 26.1 39.1#

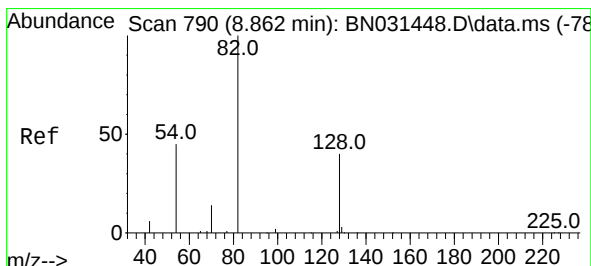
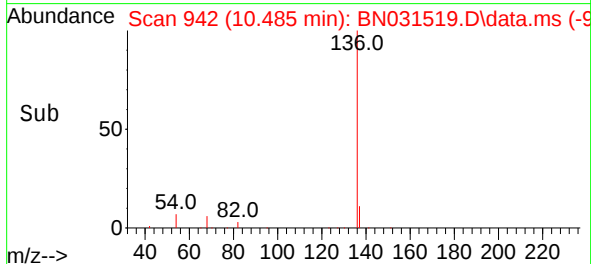
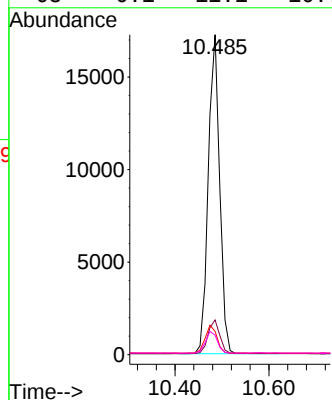
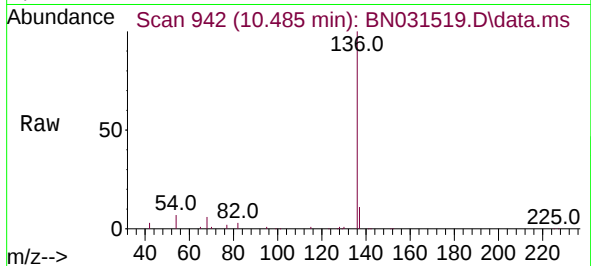




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN031519.D
Acq: 14 May 2024 11:09

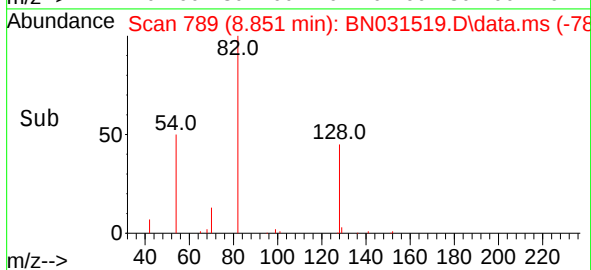
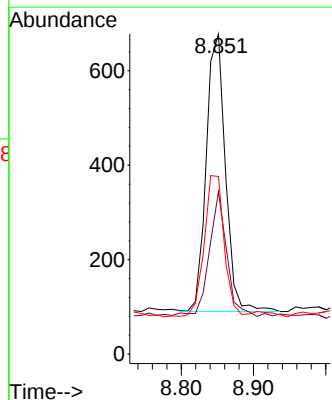
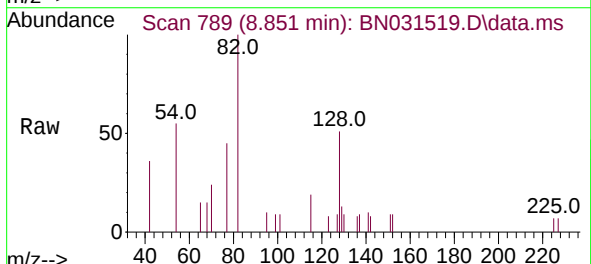
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-051024DL

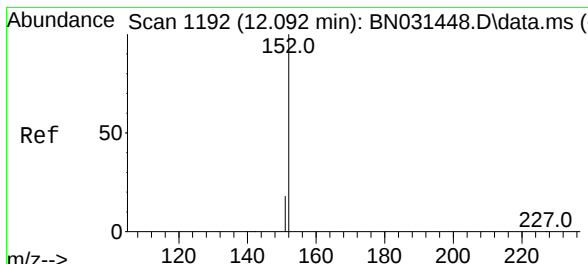
Tgt Ion:	136	Resp:	28915
Ion Ratio	Lower	Upper	
136	100		
137	10.8	10.1	15.1
54	7.3	10.5	15.7#
68	6.1	11.1	16.7#



#8
Nitrobenzene-d5
Concen: 0.052 ng
RT: 8.851 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN031519.D
Acq: 14 May 2024 11:09

Tgt Ion:	82	Resp:	1089
Ion Ratio	Lower	Upper	
82	100		
128	50.7	29.0	43.6#
54	55.5	37.2	55.8



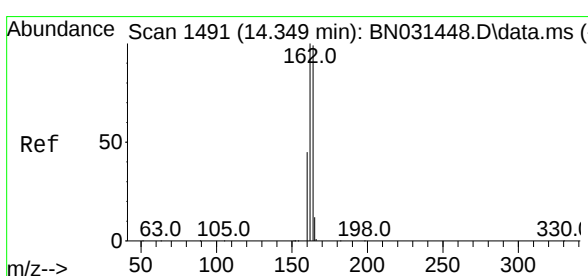
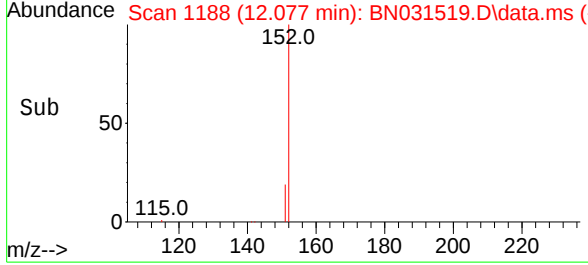
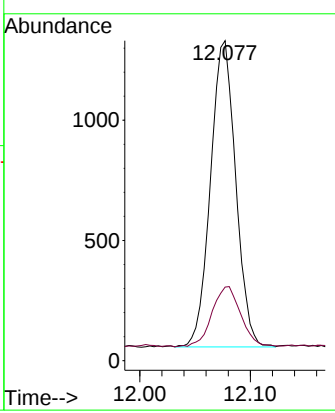
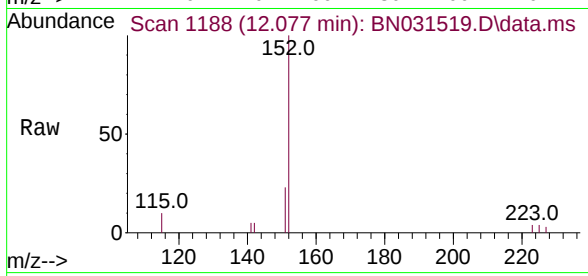


#11
2-Methylnaphthalene-d10
Concen: 0.043 ng
RT: 12.077 min Scan# 1192
Delta R.T. -0.015 min
Lab File: BN031519.D
Acq: 14 May 2024 11:09

Instrument : BNA_N
ClientSampleId : RMW-02B-66-051024DL

Tgt Ion:152 Resp: 2021

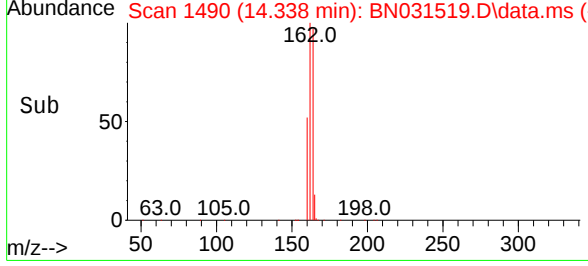
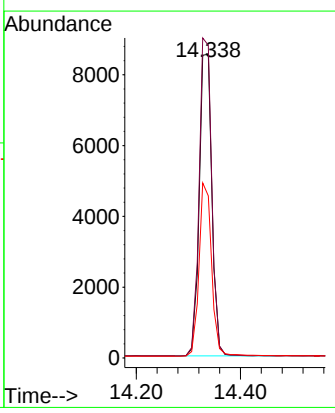
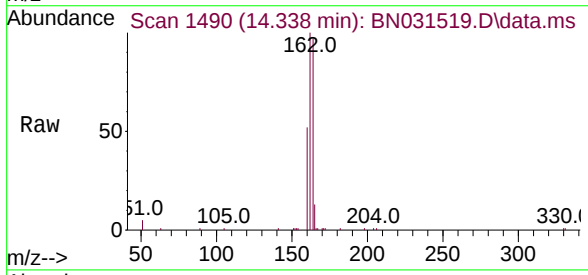
Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.6	25.0

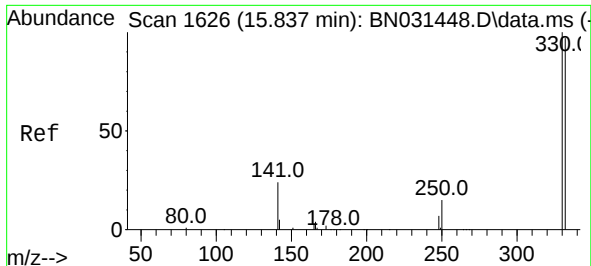


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BN031519.D
Acq: 14 May 2024 11:09

Tgt Ion:164 Resp: 14385

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.2	121.8
160	53.4	37.0	55.6

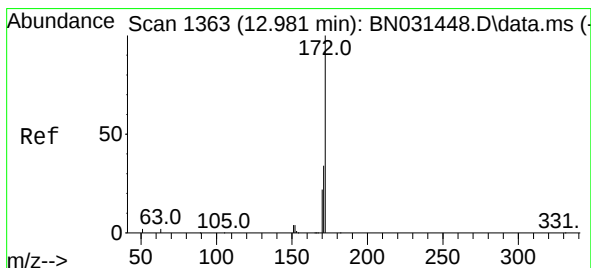
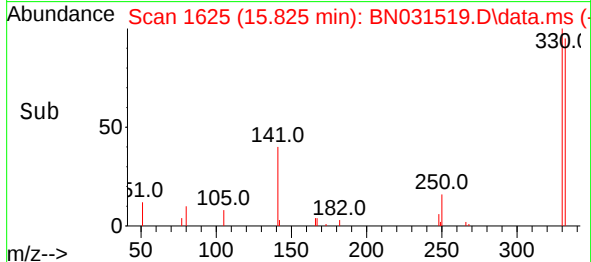
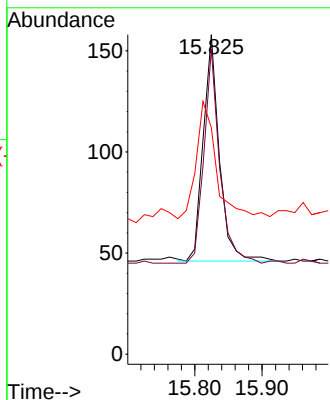
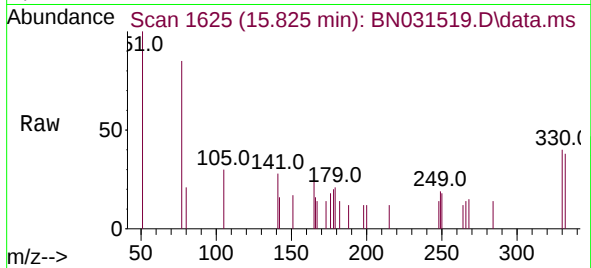




#14
2,4,6-Tribromophenol
Concen: 0.034 ng
RT: 15.825 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN031519.D
Acq: 14 May 2024 11:09

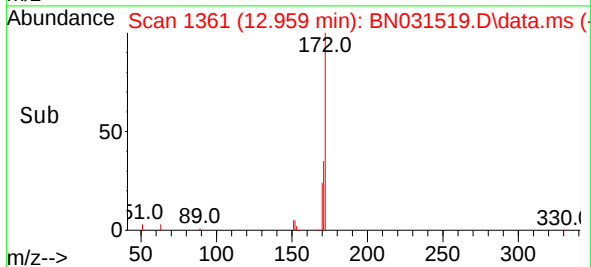
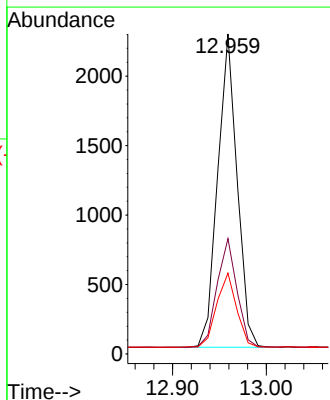
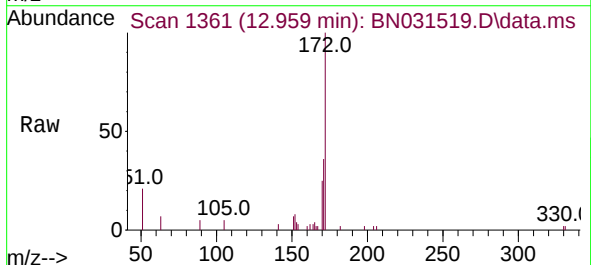
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-051024DL

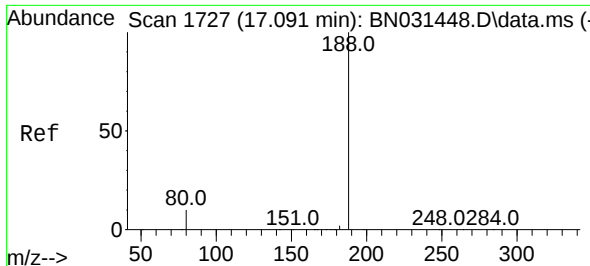
Tgt Ion:330 Resp: 187
Ion Ratio Lower Upper
330 100
332 93.0 76.6 114.8
141 64.7 37.0 55.4#



#15
2-Fluorobiphenyl
Concen: 0.059 ng
RT: 12.959 min Scan# 1361
Delta R.T. -0.022 min
Lab File: BN031519.D
Acq: 14 May 2024 11:09

Tgt Ion:172 Resp: 3252
Ion Ratio Lower Upper
172 100
171 36.1 27.8 41.8
170 25.3 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.078 min Scan# 11

Delta R.T. -0.013 min

Lab File: BN031519.D

Acq: 14 May 2024 11:09

Instrument :

BNA_N

ClientSampleId :

RMW-02B-66-051024DL

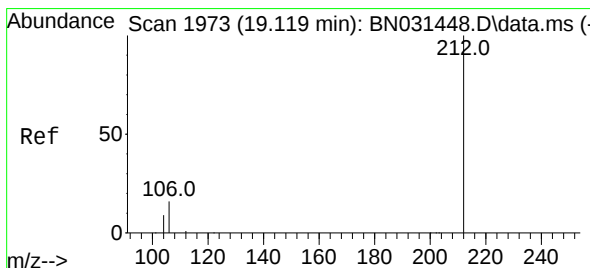
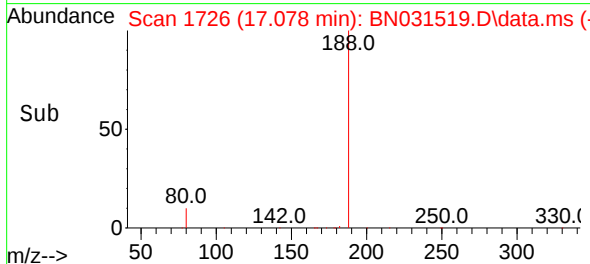
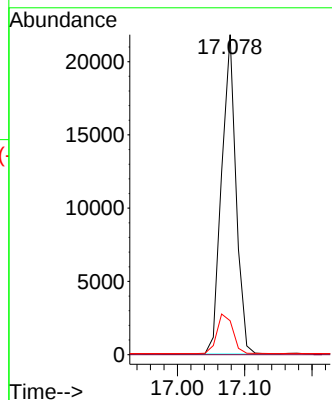
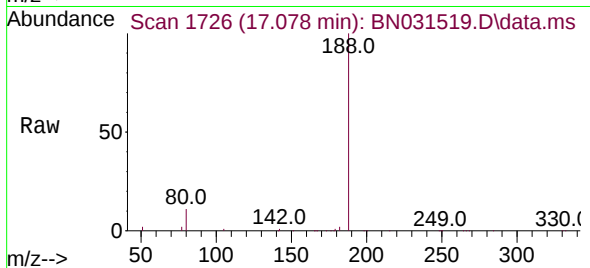
Tgt Ion:188 Resp: 32197

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 9.6 14.4



#27

Fluoranthene-d10

Concen: 0.051 ng

RT: 19.110 min Scan# 1971

Delta R.T. -0.009 min

Lab File: BN031519.D

Acq: 14 May 2024 11:09

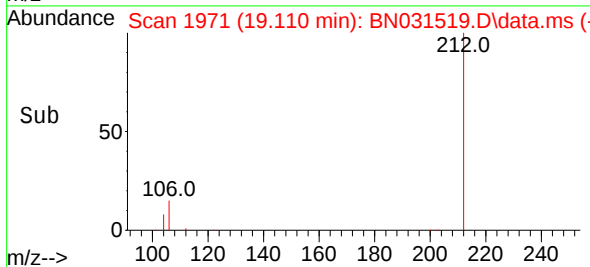
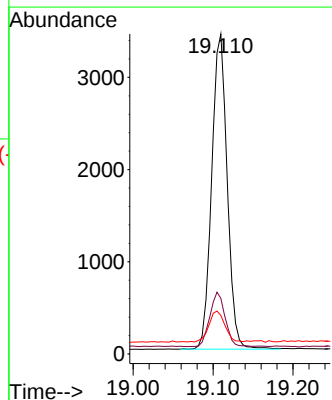
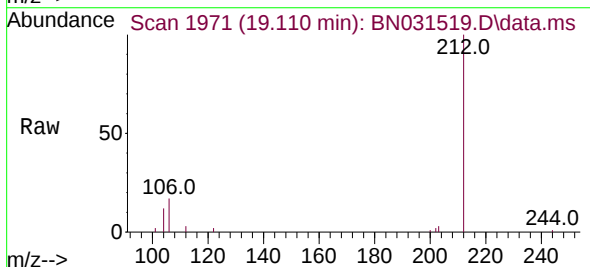
Tgt Ion:212 Resp: 4600

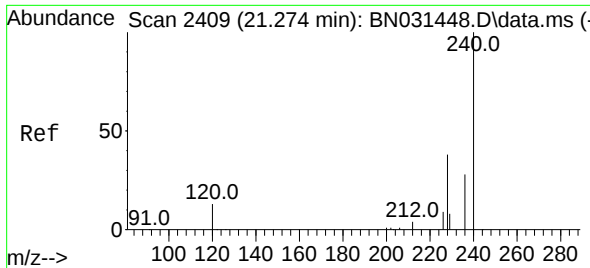
Ion Ratio Lower Upper

212 100

106 17.0 12.0 18.0

104 10.1 6.9 10.3

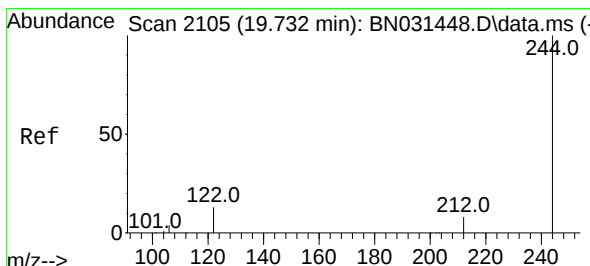
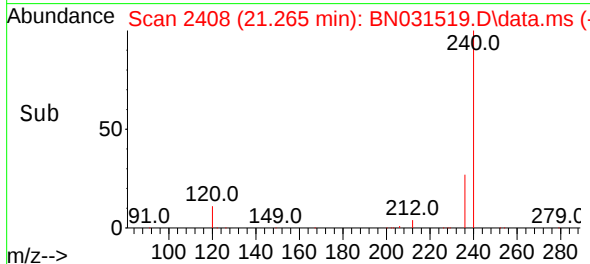
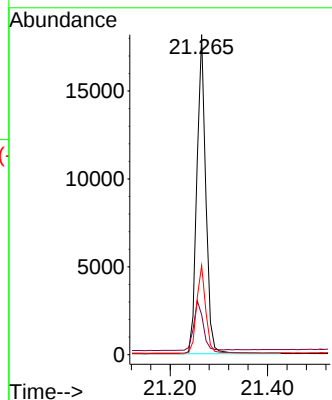
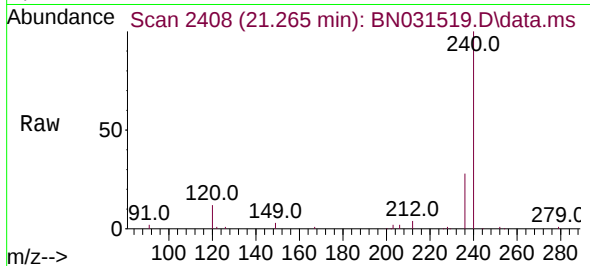




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.265 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BN031519.D
Acq: 14 May 2024 11:09

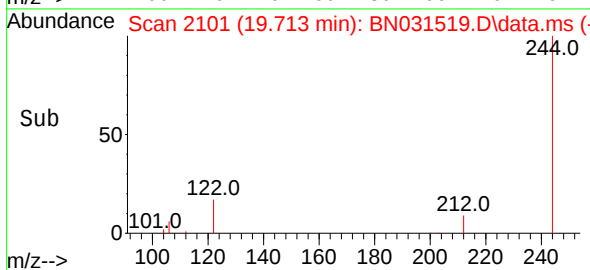
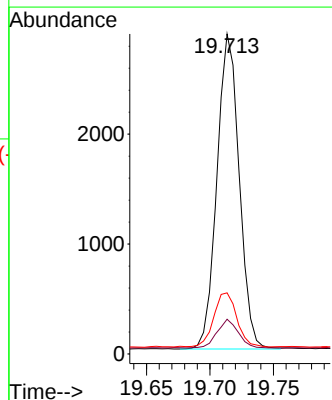
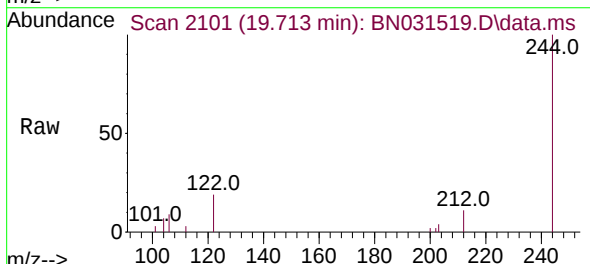
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-051024DL

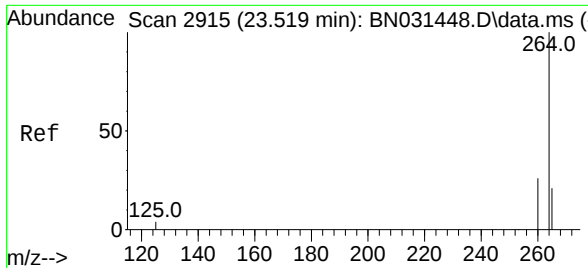
Tgt Ion:240 Resp: 23108
Ion Ratio Lower Upper
240 100
120 12.5 11.4 17.2
236 27.9 22.2 33.4



#31
Terphenyl-d14
Concen: 0.062 ng
RT: 19.713 min Scan# 2101
Delta R.T. -0.019 min
Lab File: BN031519.D
Acq: 14 May 2024 11:09

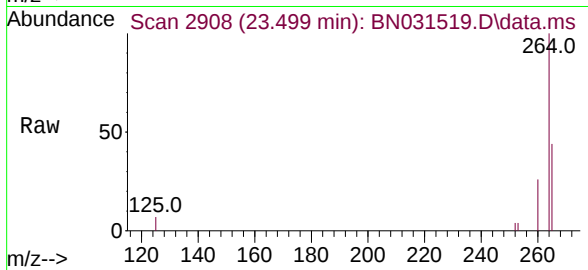
Tgt Ion:244 Resp: 3495
Ion Ratio Lower Upper
244 100
212 10.9 6.5 9.7#
122 19.1 11.4 17.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.499 min Scan# 20
Delta R.T. -0.021 min
Lab File: BN031519.D
Acq: 14 May 2024 11:09

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-051024DL



Tgt Ion:264 Resp: 20894
Ion Ratio Lower Upper
264 100
260 26.0 20.6 31.0
265 44.5 24.0 36.0#

