

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025501.D
 Acq On : 19 May 2023 23:51
 Operator : CG/JU
 Sample : 02832-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-79-051723

Quant Time: May 20 00:41:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 02:17:42 2023
 Response via : Initial Calibration

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

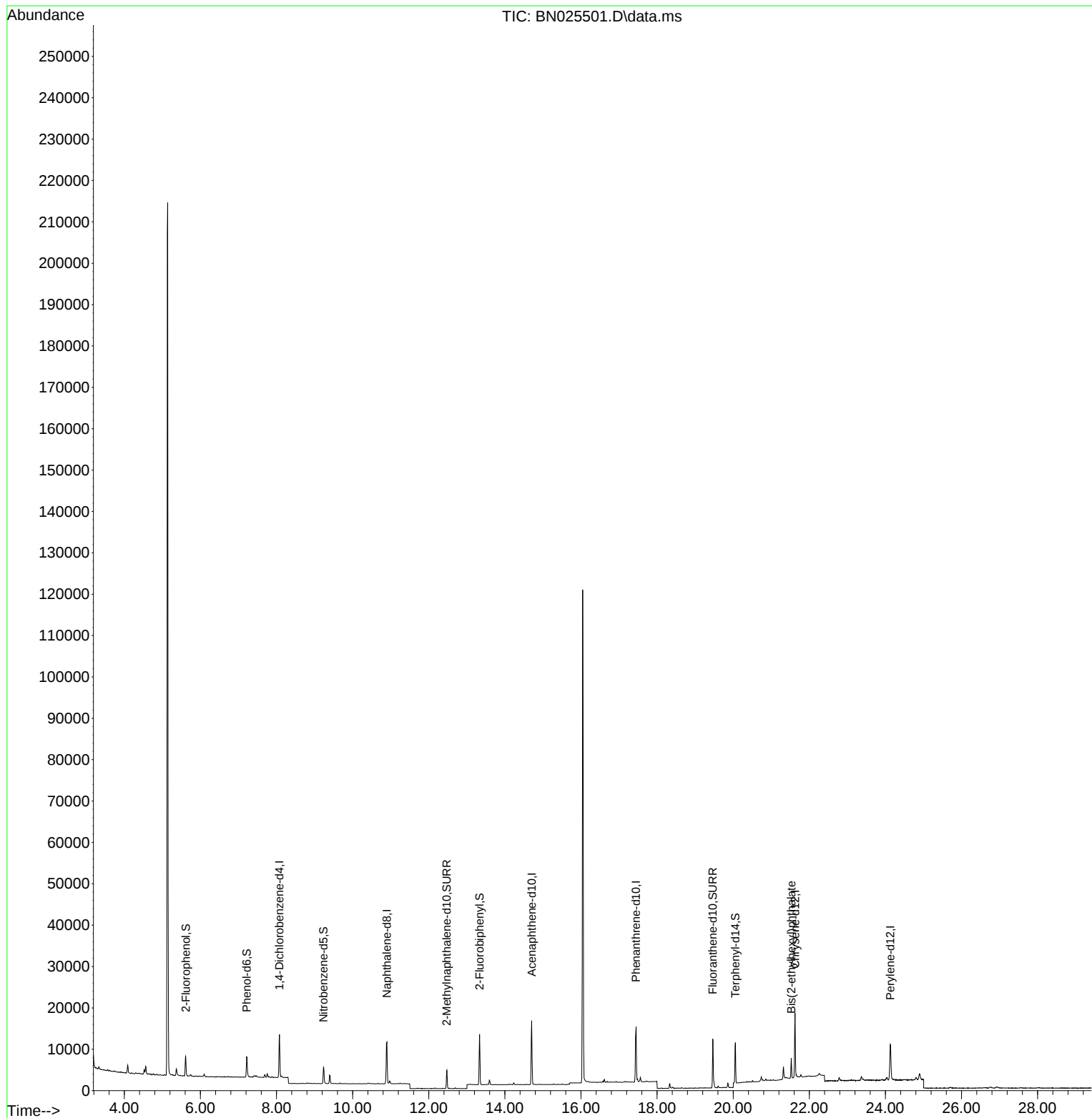
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	5205	0.400	ng	0.00
7) Naphthalene-d8	10.899	136	14648	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	8666	0.400	ng	0.00
19) Phenanthrene-d10	17.447	188	19409	0.400	ng	# 0.00
29) Chrysene-d12	21.625	240	13872	0.400	ng	0.00
35) Perylene-d12	24.129	264	12524	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.614	112	3954	0.337	ng	0.00
5) Phenol-d6	7.218	99	4757	0.315	ng	0.00
8) Nitrobenzene-d5	9.234	82	3433	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.476	152	5914	0.290	ng	0.00
14) 2,4,6-Tribromophenol	16.194	330	64	0.019	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	10328	0.312	ng	0.00
27) Fluoranthene-d10	19.465	212	12839	0.287	ng	0.00
31) Terphenyl-d14	20.058	244	9081	0.368	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.527	149	4473	0.151	ng	Qvalue 100

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

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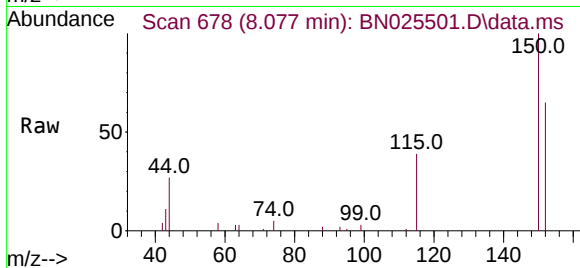
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 02:17:42 2023
Response via : Initial Calibration



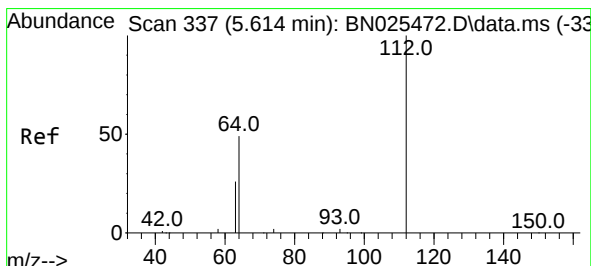
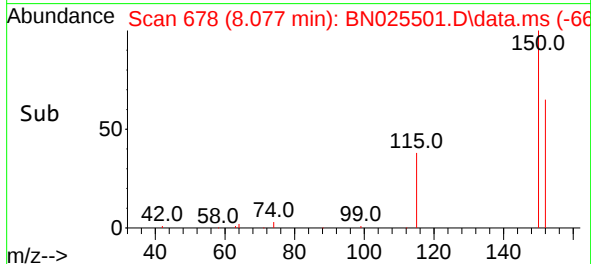
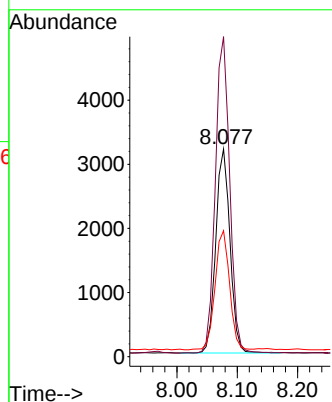


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.077 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025501.D
 Acq: 19 May 2023 23:51

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-79-051723

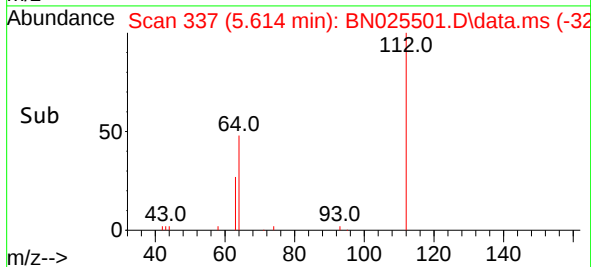
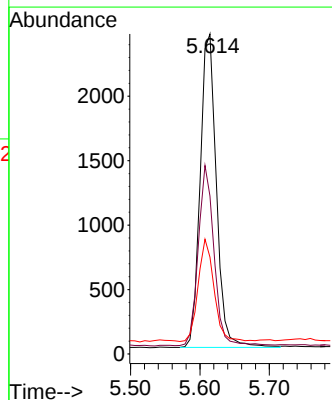
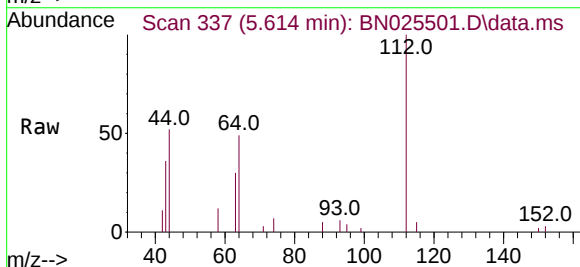


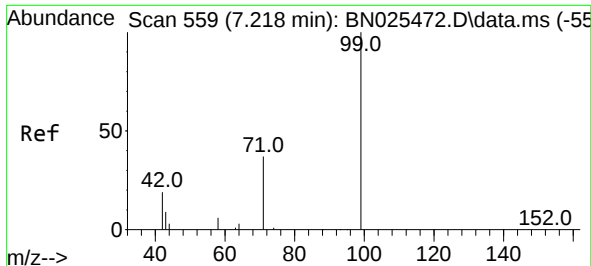
Tgt Ion:152 Resp: 5205
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.3 187.9
 115 60.6 50.2 75.2



#4
 2-Fluorophenol
 Concen: 0.337 ng
 RT: 5.614 min Scan# 337
 Delta R.T. 0.000 min
 Lab File: BN025501.D
 Acq: 19 May 2023 23:51

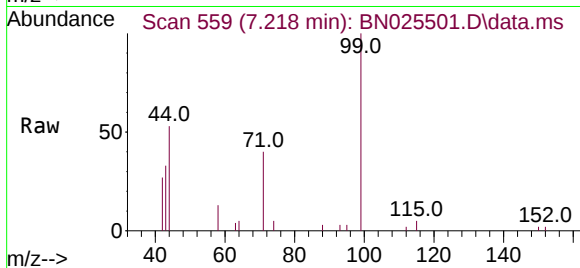
Tgt Ion:112 Resp: 3954
 Ion Ratio Lower Upper
 112 100
 64 55.7 44.0 66.0
 63 31.9 24.0 36.0



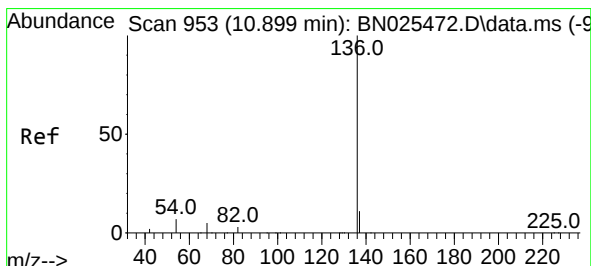
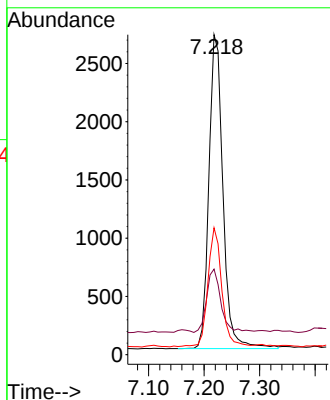
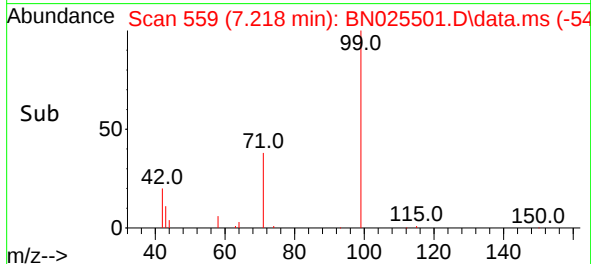


#5
Phenol-d6
Concen: 0.315 ng
RT: 7.218 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN025501.D
Acq: 19 May 2023 23:51

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-79-051723

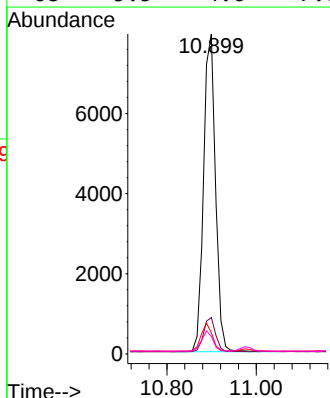
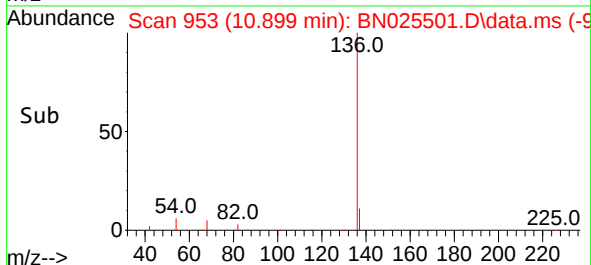
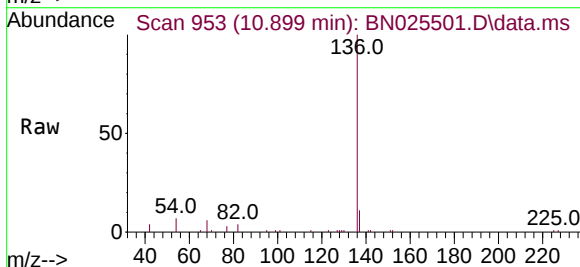


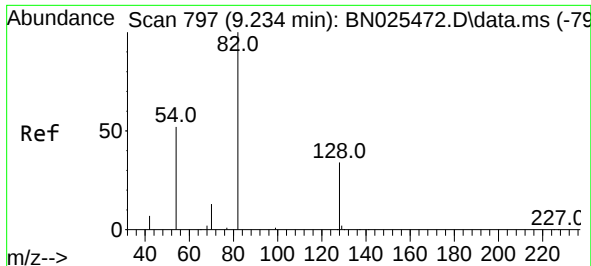
Tgt Ion:	99	Resp:	4757
Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.8	23.8
71	37.4	28.6	43.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.899 min Scan# 953
Delta R.T. 0.000 min
Lab File: BN025501.D
Acq: 19 May 2023 23:51

Tgt Ion:	136	Resp:	14648
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.7	5.8	8.6
68	5.5	4.6	7.0

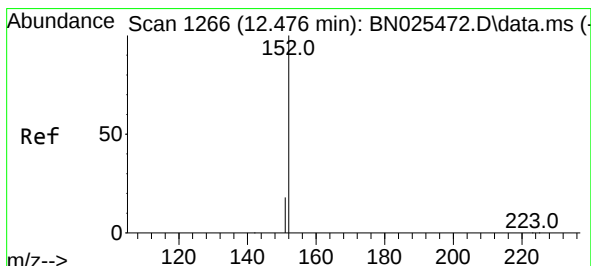
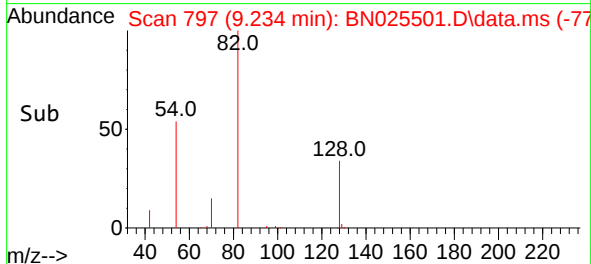
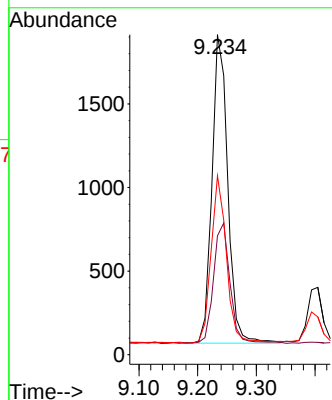
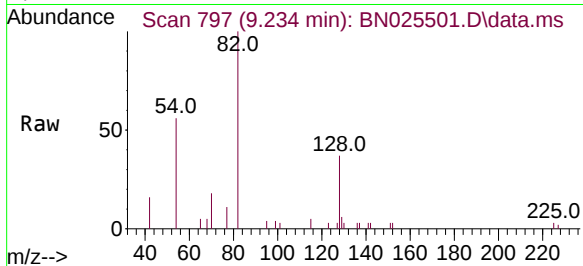




#8
 Nitrobenzene-d5
 Concen: 0.294 ng
 RT: 9.234 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BN025501.D
 Acq: 19 May 2023 23:51

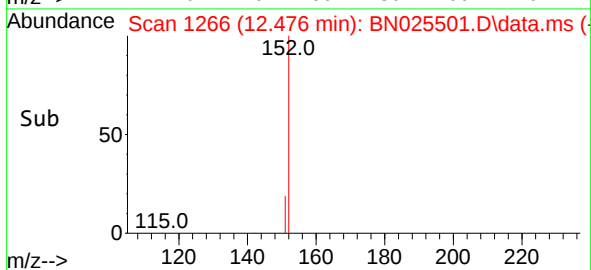
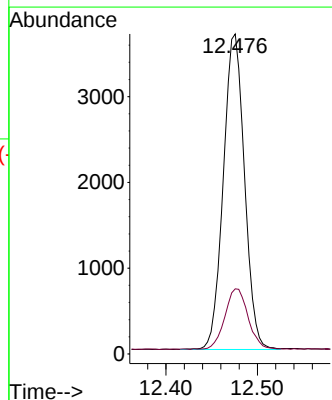
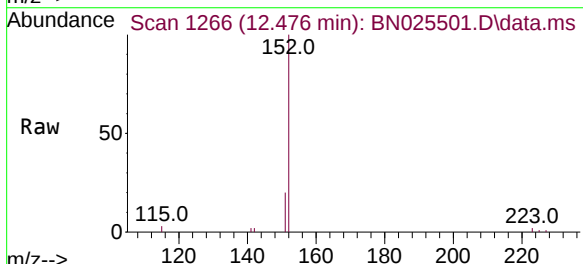
Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-79-051723

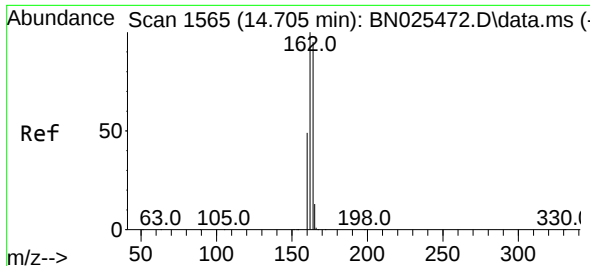
Tgt Ion: 82 Resp: 3433
 Ion Ratio Lower Upper
 82 100
 128 37.1 27.9 41.9
 54 55.9 42.4 63.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.290 ng
 RT: 12.476 min Scan# 1266
 Delta R.T. -0.000 min
 Lab File: BN025501.D
 Acq: 19 May 2023 23:51

Tgt Ion: 152 Resp: 5914
 Ion Ratio Lower Upper
 152 100
 151 21.2 16.6 24.8

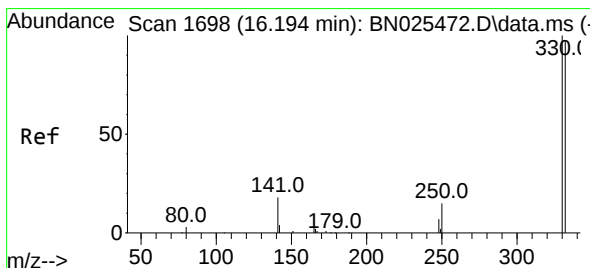
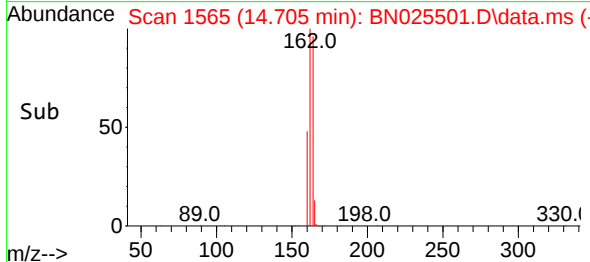
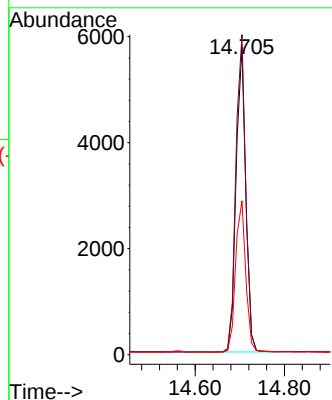
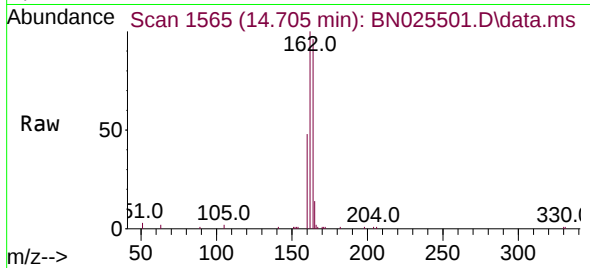




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN025501.D
Acq: 19 May 2023 23:51

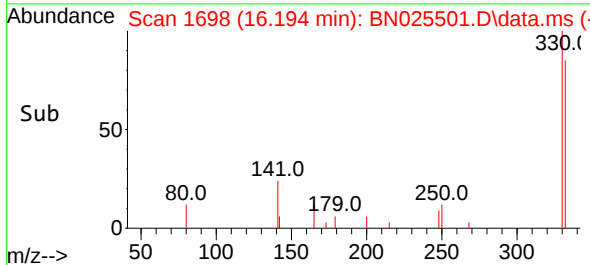
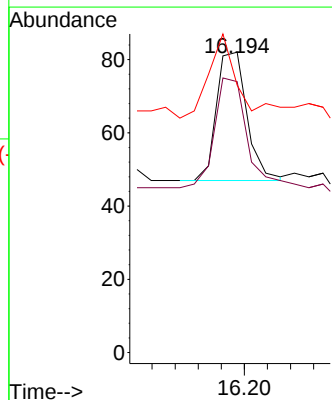
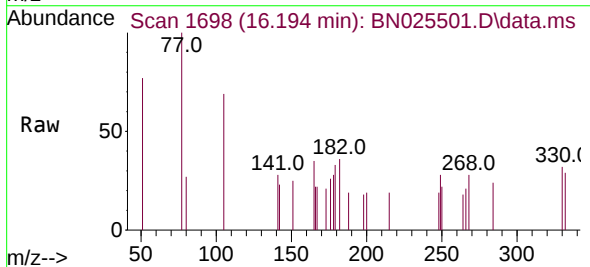
Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-79-051723

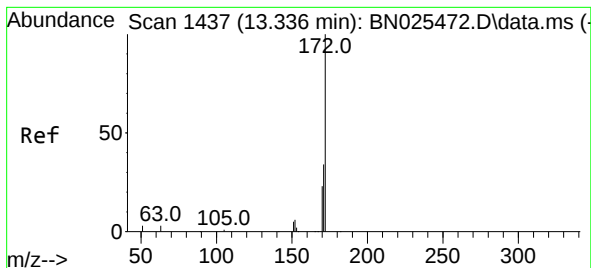
Tgt Ion:164 Resp: 8666
Ion Ratio Lower Upper
164 100
162 103.9 84.2 126.2
160 50.0 41.4 62.2



#14
2,4,6-Tribromophenol
Concen: 0.019 ng
RT: 16.194 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN025501.D
Acq: 19 May 2023 23:51

Tgt Ion:330 Resp: 64
Ion Ratio Lower Upper
330 100
332 93.8 76.1 114.1
141 64.1 36.1 54.1#





#15

2-Fluorobiphenyl

Concen: 0.312 ng

RT: 13.336 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BN025501.D

Acq: 19 May 2023 23:51

Instrument :

BNA_N

ClientSampleId :

CB-22-K2-SO-79-051723

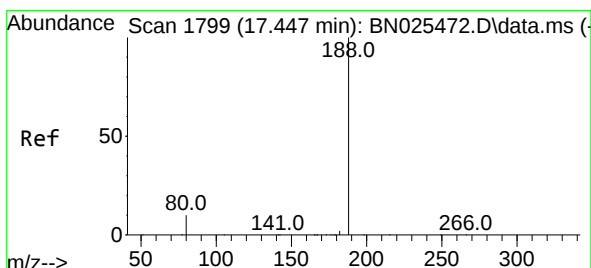
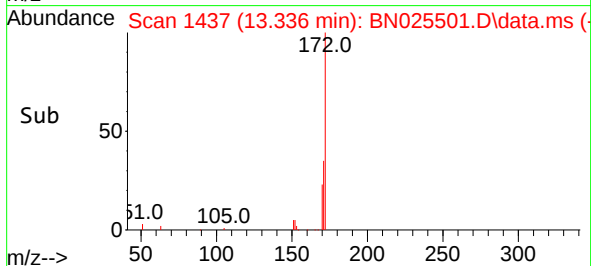
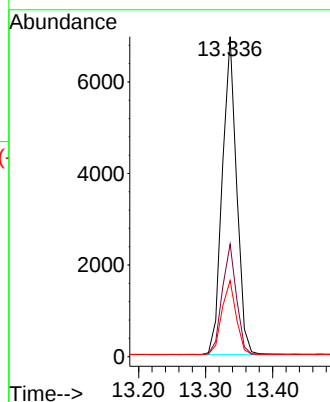
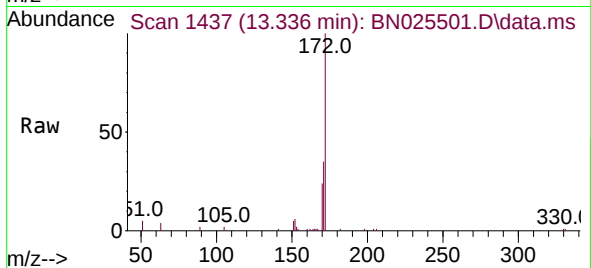
Tgt Ion:172 Resp: 10328

Ion Ratio Lower Upper

172 100

171 35.2 27.6 41.4

170 23.8 18.9 28.3



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.447 min Scan# 1799

Delta R.T. 0.000 min

Lab File: BN025501.D

Acq: 19 May 2023 23:51

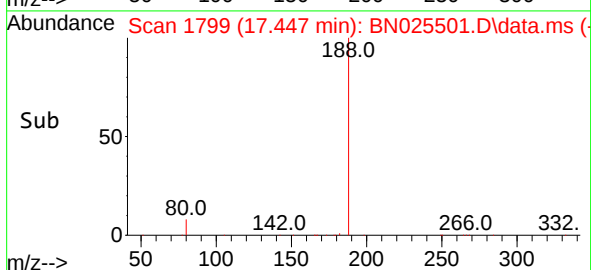
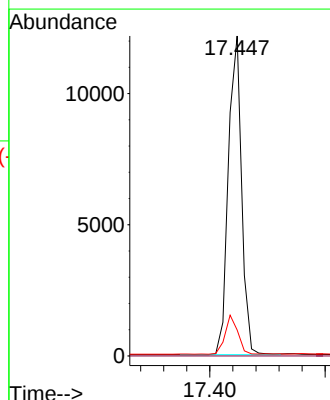
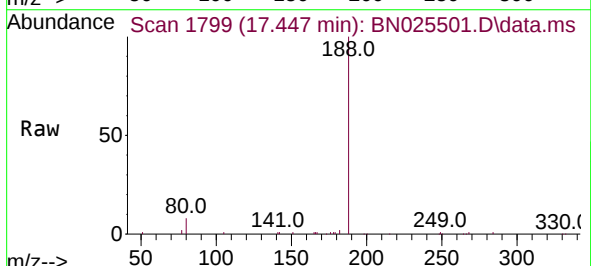
Tgt Ion:188 Resp: 19409

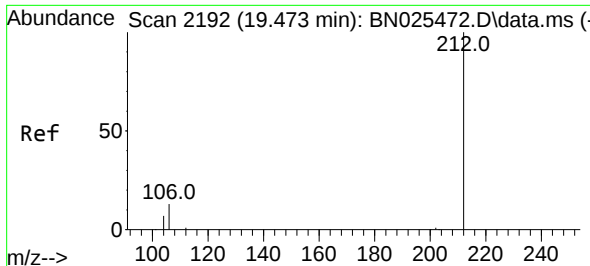
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 8.2 12.4#

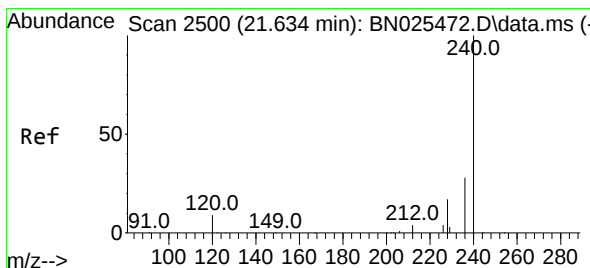
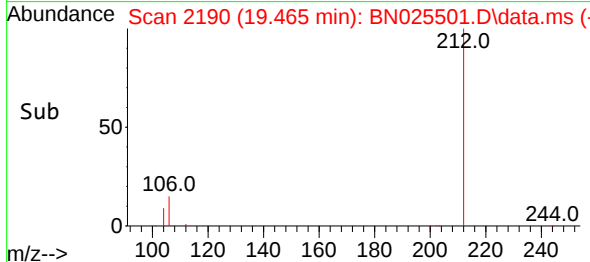
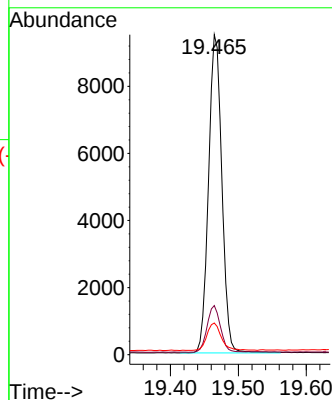
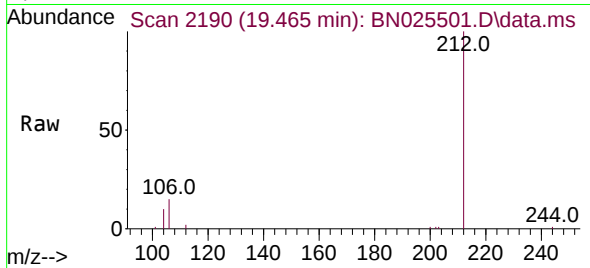




#27
Fluoranthene-d10
Concen: 0.287 ng
RT: 19.465 min Scan# 2192
Delta R.T. -0.008 min
Lab File: BN025501.D
Acq: 19 May 2023 23:51

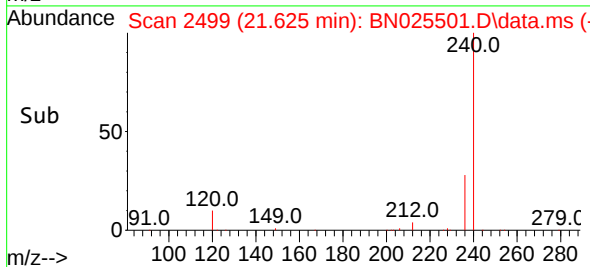
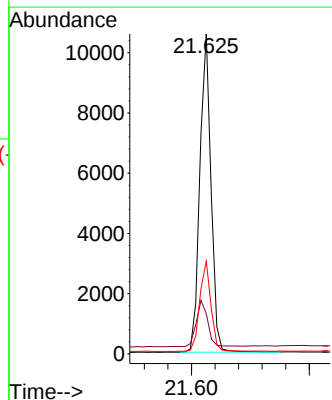
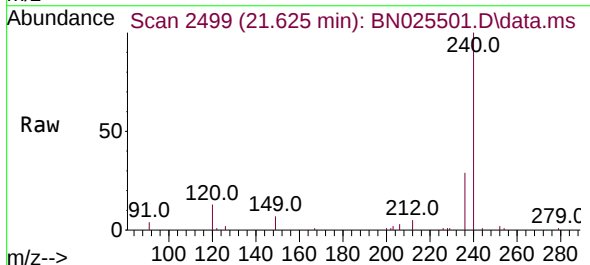
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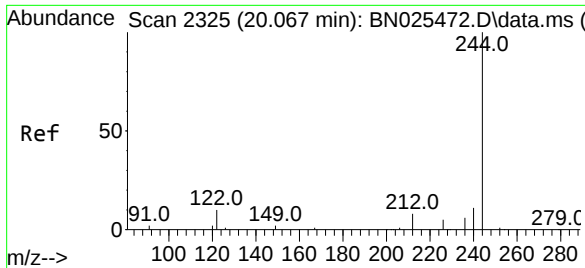
Tgt Ion:212 Resp: 12839
Ion Ratio Lower Upper
212 100
106 14.8 11.4 17.2
104 9.2 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2499
Delta R.T. -0.009 min
Lab File: BN025501.D
Acq: 19 May 2023 23:51

Tgt Ion:240 Resp: 13872
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 29.0 22.7 34.1

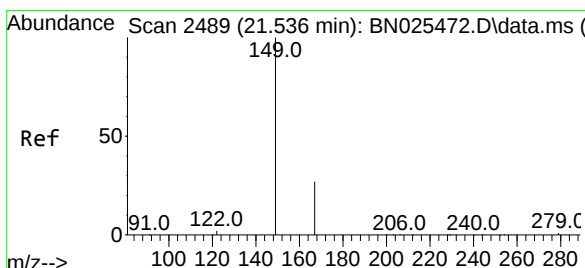
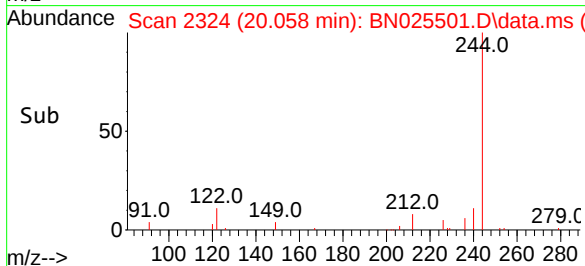
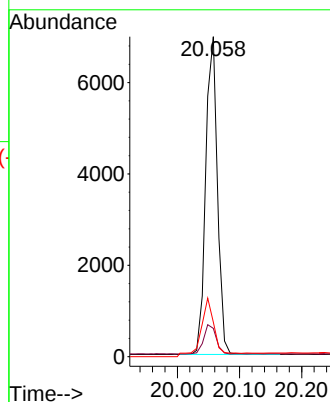
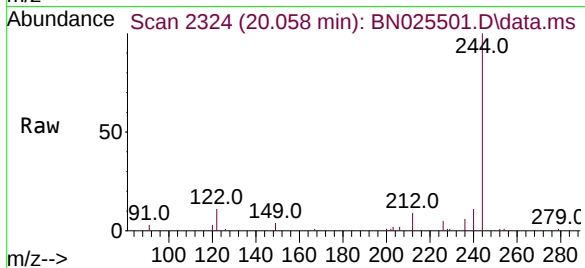




#31
 Terphenyl-d14
 Concen: 0.368 ng
 RT: 20.058 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN025501.D
 Acq: 19 May 2023 23:51

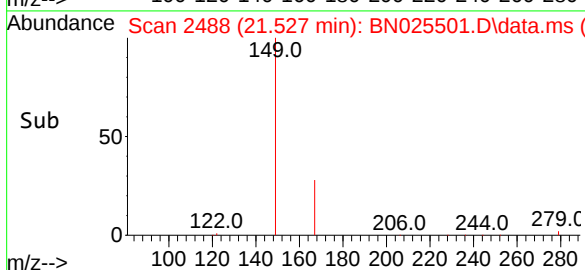
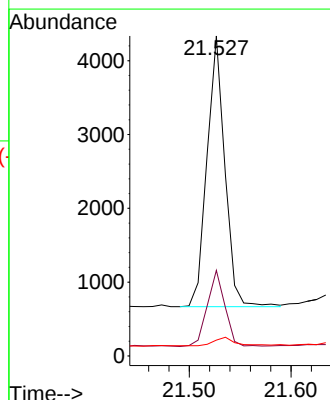
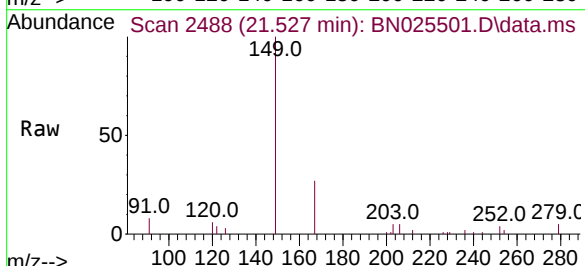
Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-79-051723

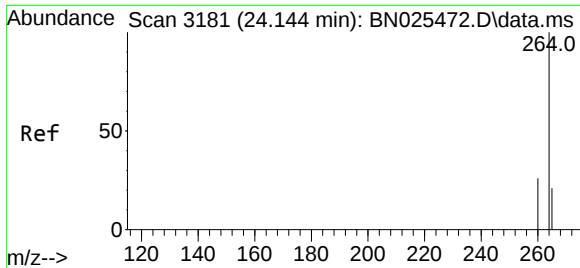
Tgt Ion:244 Resp: 9081
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 10.0
 122 10.8 8.1 12.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.151 ng
 RT: 21.527 min Scan# 2488
 Delta R.T. -0.009 min
 Lab File: BN025501.D
 Acq: 19 May 2023 23:51

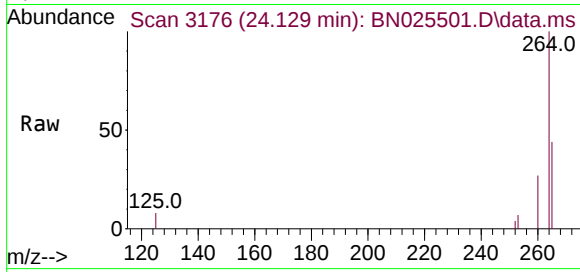
Tgt Ion:149 Resp: 4473
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.0 33.0
 279 3.6 2.6 3.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.129 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BN025501.D
 Acq: 19 May 2023 23:51

Instrument :
 BNA_N
 ClientSampleId :
 CB-22-K2-SO-79-051723



Tgt Ion:264 Resp: 12524

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.2	31.8
265	44.5	27.1	40.7#

