

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081623\
 Data File : BN026929.D
 Acq On : 16 Aug 2023 12:29
 Operator : MA/JU
 Sample : 03997-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-119S1-20230811

Quant Time: Aug 16 16:03:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 15:56:02 2023
 Response via : Initial Calibration

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

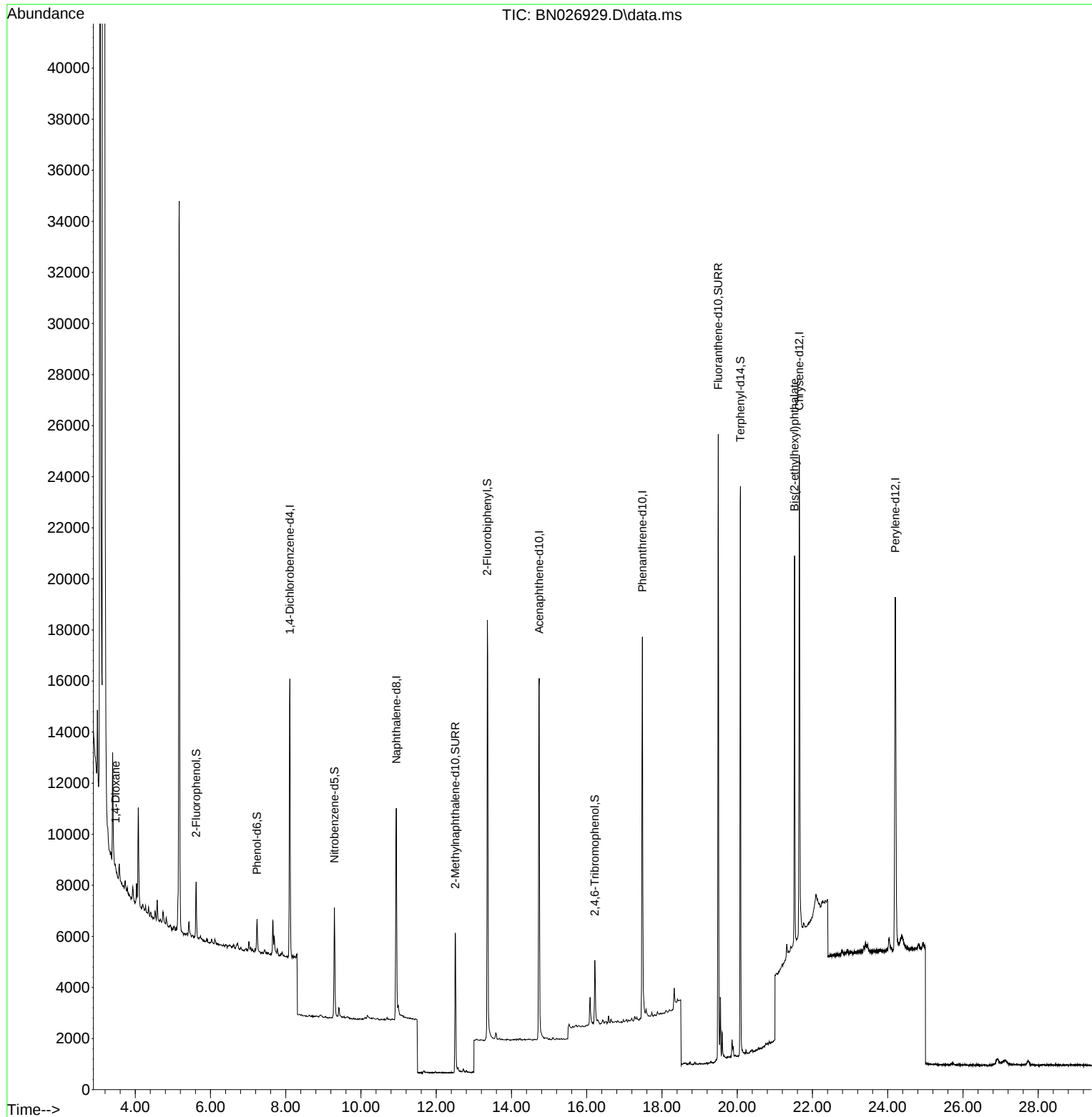
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	5489	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	13009	0.400	ng	0.00
13) Acenaphthene-d10	14.737	164	9460	0.400	ng	0.01
19) Phenanthrene-d10	17.480	188	21901	0.400	ng	0.00
29) Chrysene-d12	21.650	240	19579	0.400	ng	# 0.00
35) Perylene-d12	24.200	264	21868	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	1861	0.120	ng	0.00
5) Phenol-d6	7.235	99	1289	0.067	ng	0.00
8) Nitrobenzene-d5	9.294	82	3629	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.506	152	8139	0.394	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	1663	0.330	ng	0.00
15) 2-Fluorobiphenyl	13.358	172	16037	0.457	ng	0.00
27) Fluoranthene-d10	19.495	212	26924	0.479	ng	0.00
31) Terphenyl-d14	20.085	244	22592	0.552	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.480	88	267	0.045	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.524	149	13451	0.264	ng	100

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

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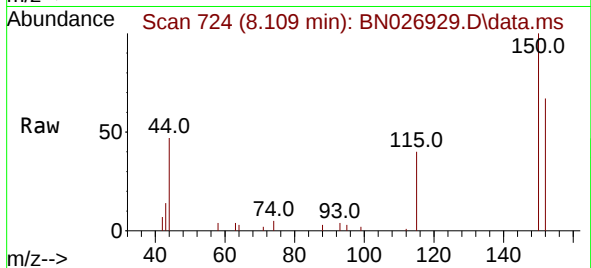
Quant Time: Aug 16 16:03:48 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration



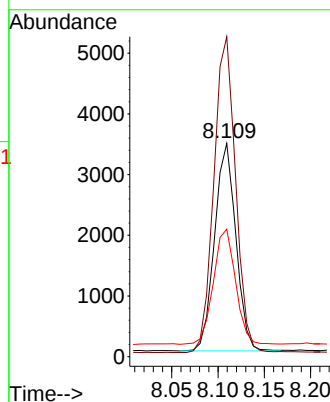
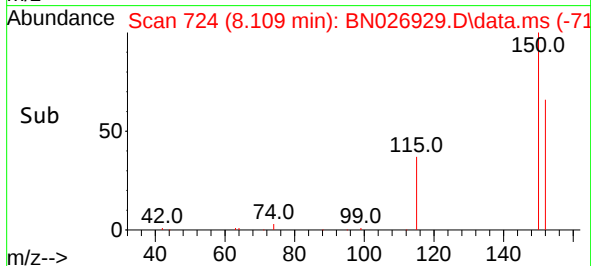


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.109 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN026929.D
 Acq: 16 Aug 2023 12:29

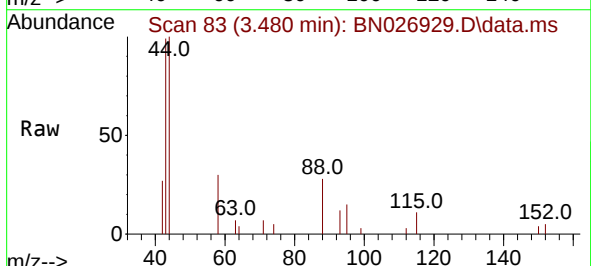
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-119S1-20230811



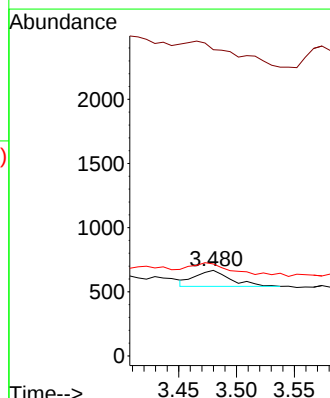
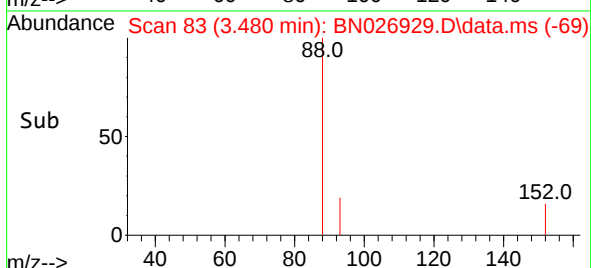
Tgt Ion: 152 Resp: 5489
 Ion Ratio Lower Upper
 152 100
 150 150.0 123.8 185.6
 115 59.8 49.7 74.5



#2
 1,4-Dioxane
 Concen: 0.045 ng
 RT: 3.480 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: BN026929.D
 Acq: 16 Aug 2023 12:29



Tgt Ion: 88 Resp: 267
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.2 28.8#
 58 82.8 54.5 81.7#





#4

2-Fluorophenol

Concen: 0.120 ng

RT: 5.618 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN026929.D

Acq: 16 Aug 2023 12:29

Instrument :

BNA_N

ClientSampleId :

BP-TT-119S1-20230811

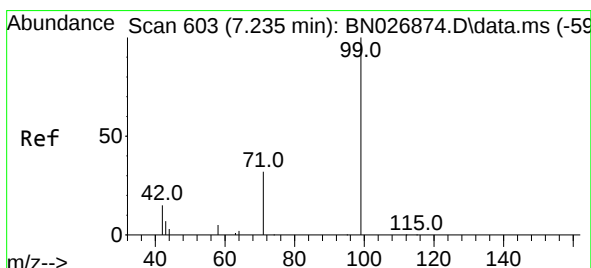
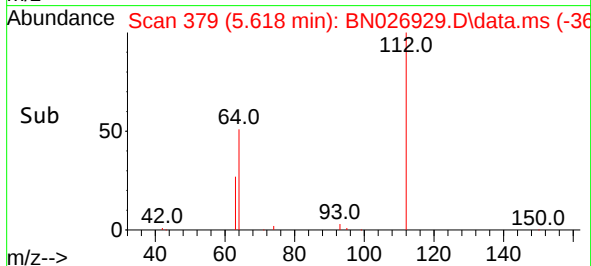
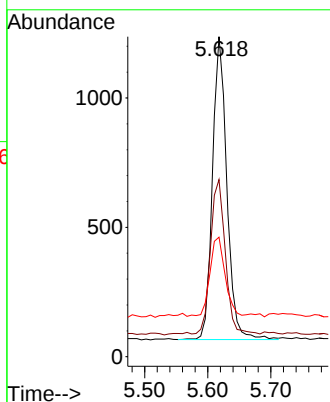
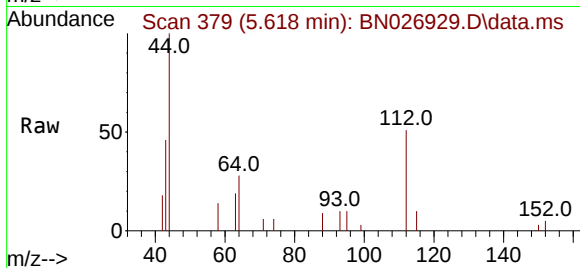
Tgt Ion:112 Resp: 1861

Ion Ratio Lower Upper

112 100

64 54.3 41.5 62.3

63 26.7 21.7 32.5



#5

Phenol-d6

Concen: 0.067 ng

RT: 7.235 min Scan# 603

Delta R.T. 0.000 min

Lab File: BN026929.D

Acq: 16 Aug 2023 12:29

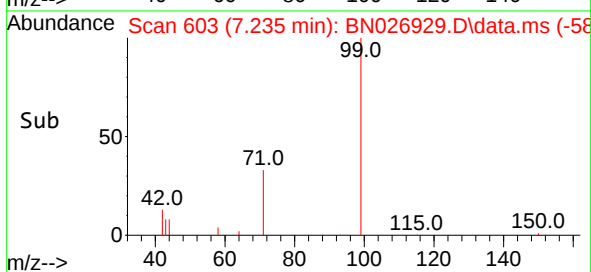
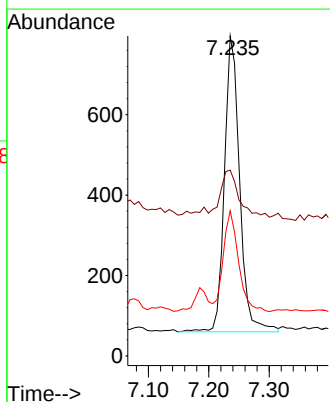
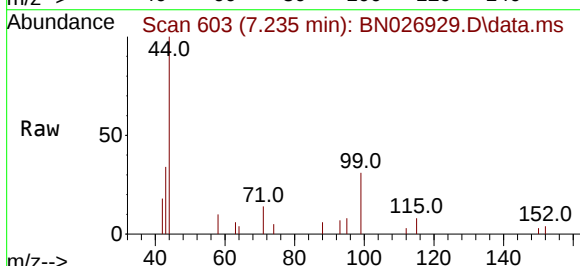
Tgt Ion: 99 Resp: 1289

Ion Ratio Lower Upper

99 100

42 19.1 13.6 20.4

71 34.3 26.0 39.0

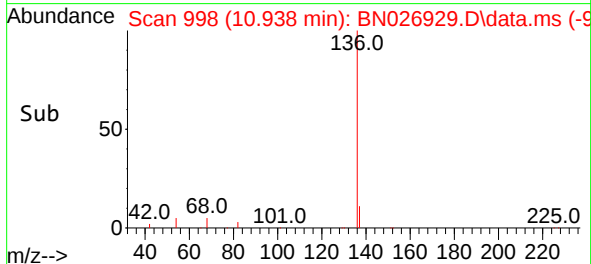
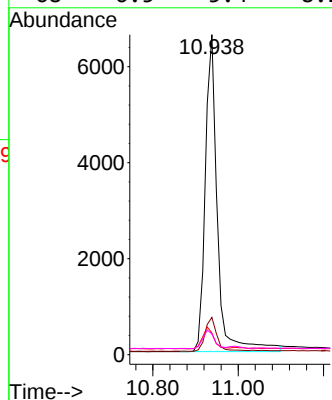
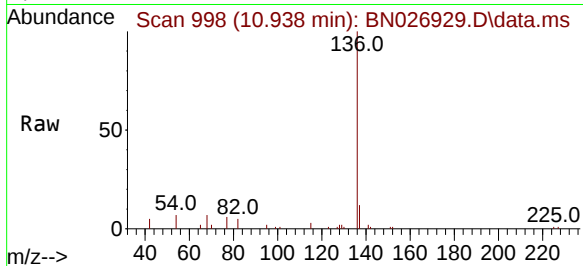




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN026929.D
Acq: 16 Aug 2023 12:29

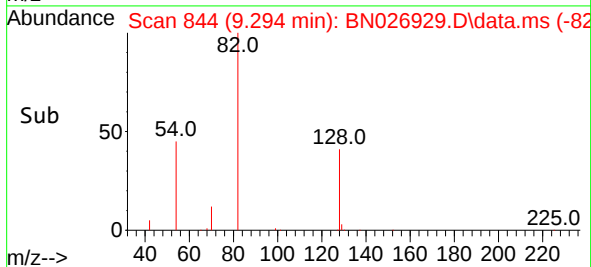
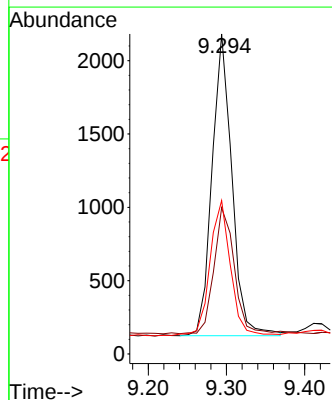
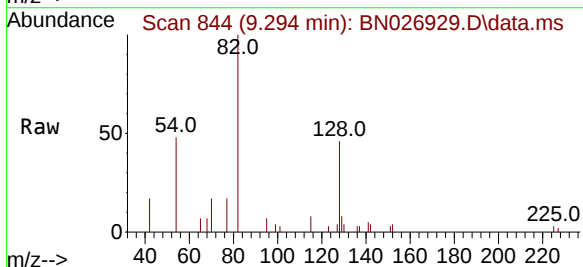
Instrument :
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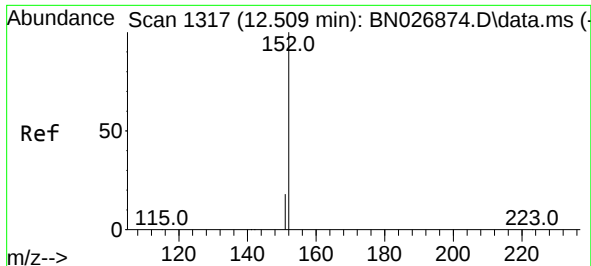
Tgt Ion:	136	Resp:	13009
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	6.8	5.5	8.3
68	6.5	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026929.D
Acq: 16 Aug 2023 12:29

Tgt Ion:	82	Resp:	3629
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.1	51.1
54	47.9	37.0	55.4

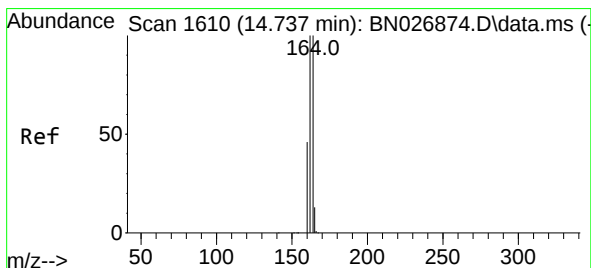
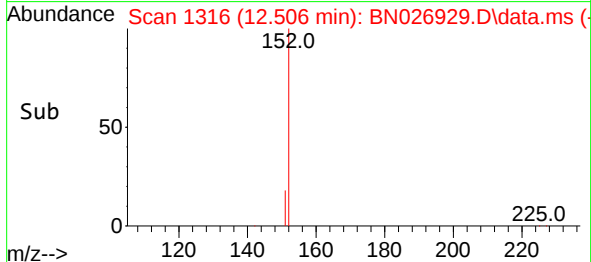
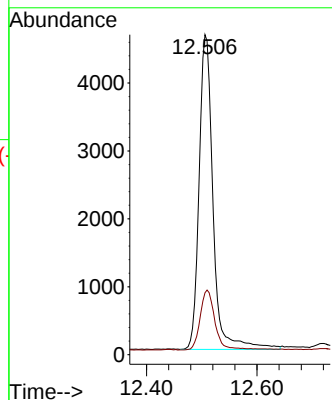
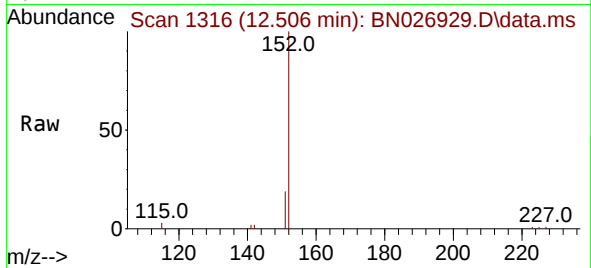




#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.506 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026929.D
Acq: 16 Aug 2023 12:29

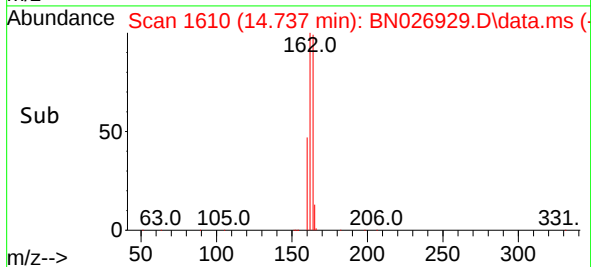
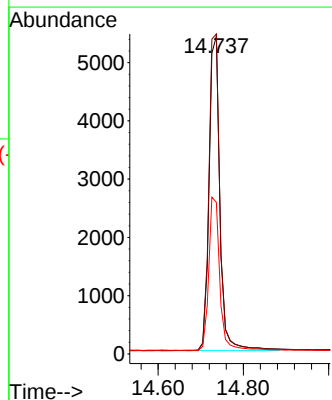
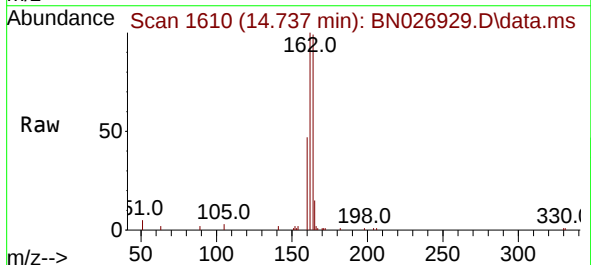
Instrument :
BNA_N
ClientSampleId :
BP-TT-119S1-20230811

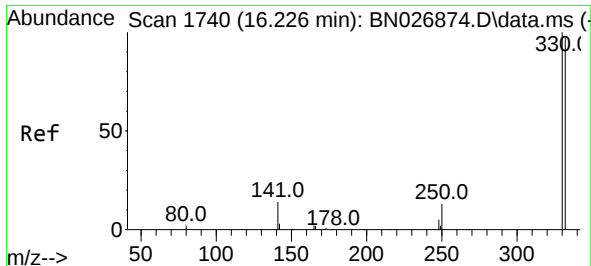
Tgt Ion:152 Resp: 8139
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1610
Delta R.T. 0.011 min
Lab File: BN026929.D
Acq: 16 Aug 2023 12:29

Tgt Ion:164 Resp: 9460
Ion Ratio Lower Upper
164 100
162 100.8 79.7 119.5
160 47.7 37.4 56.0

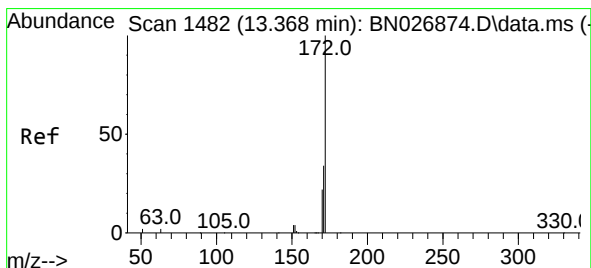
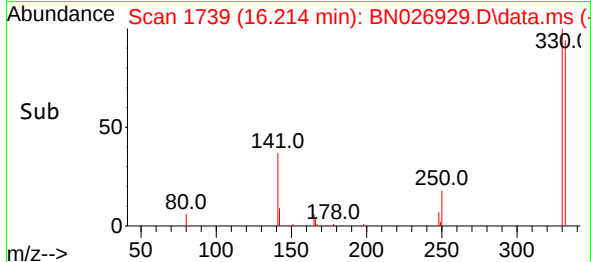
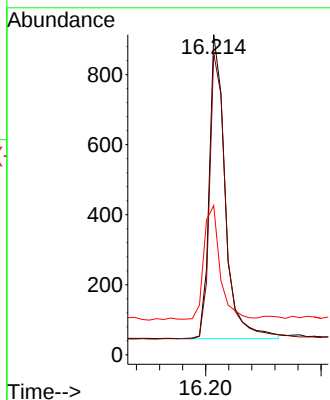
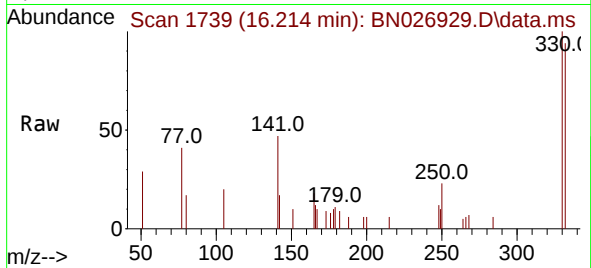




#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 16.214 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN026929.D
Acq: 16 Aug 2023 12:29

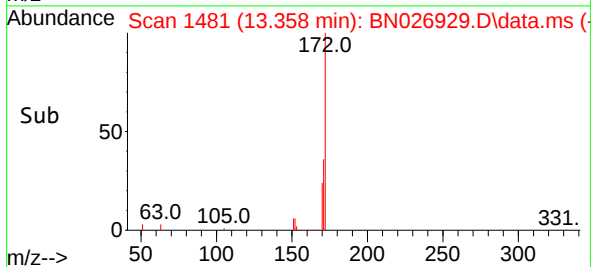
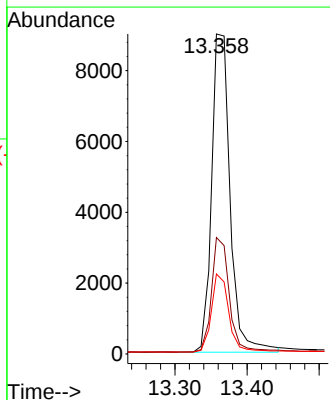
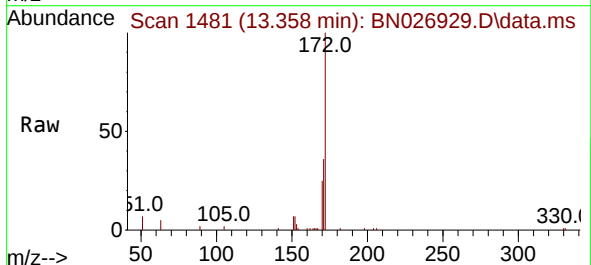
Instrument :
BNA_N
ClientSampleId :
BP-TT-119S1-20230811

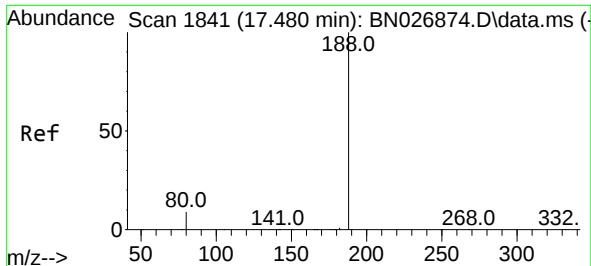
Tgt Ion:330 Resp: 1663
Ion Ratio Lower Upper
330 100
332 95.2 76.6 114.8
141 37.6 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 13.358 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BN026929.D
Acq: 16 Aug 2023 12:29

Tgt Ion:172 Resp: 16037
Ion Ratio Lower Upper
172 100
171 36.4 27.4 41.0
170 25.0 18.0 27.0

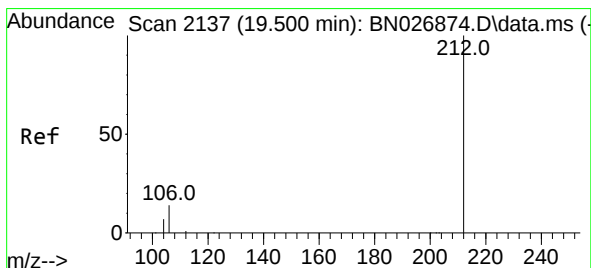
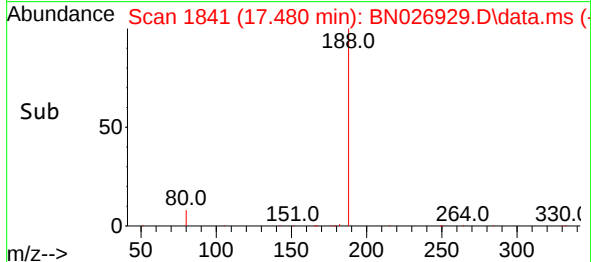
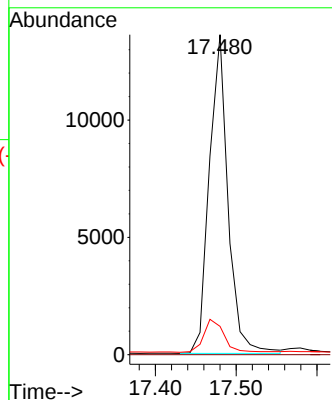
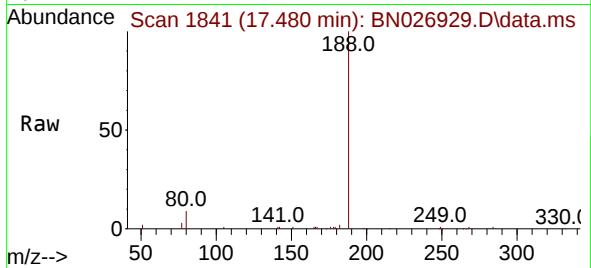




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BN026929.D
Acq: 16 Aug 2023 12:29

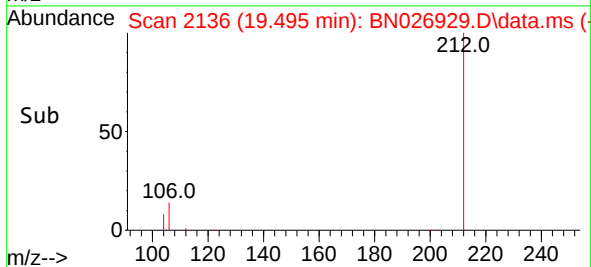
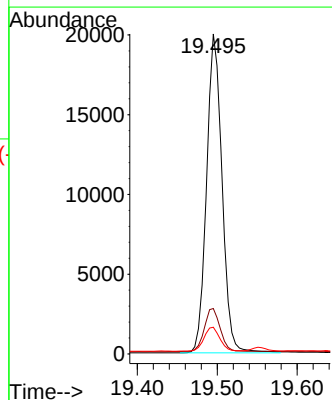
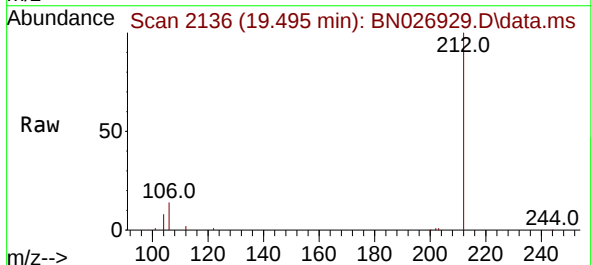
Instrument :
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BP-TT-119S1-20230811

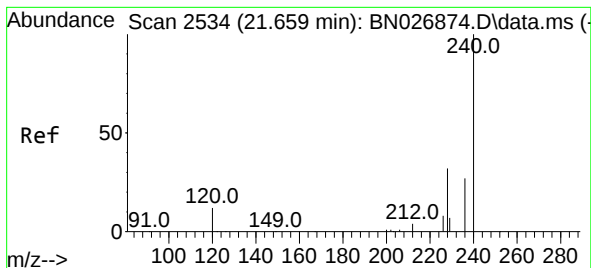
Tgt Ion:188 Resp: 21901
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.479 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN026929.D
Acq: 16 Aug 2023 12:29

Tgt Ion:212 Resp: 26924
Ion Ratio Lower Upper
212 100
106 14.1 10.9 16.3
104 7.7 5.9 8.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.650 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN026929.D

Acq: 16 Aug 2023 12:29

Instrument :

BNA_N

ClientSampleId :

BP-TT-119S1-20230811

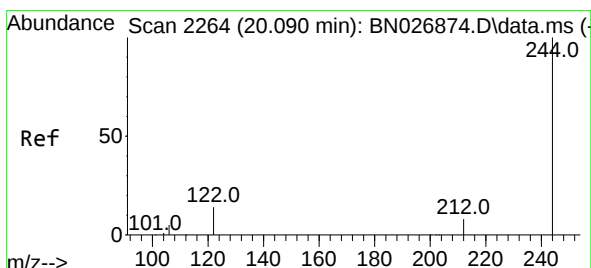
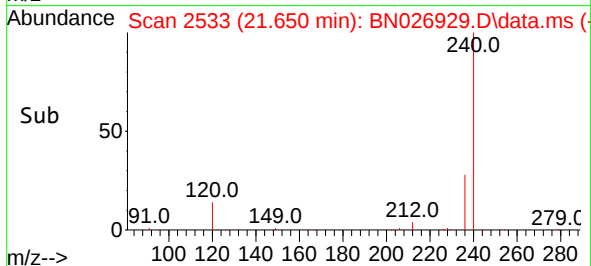
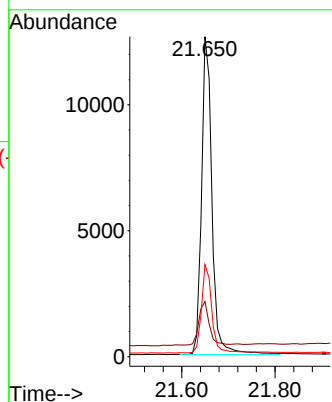
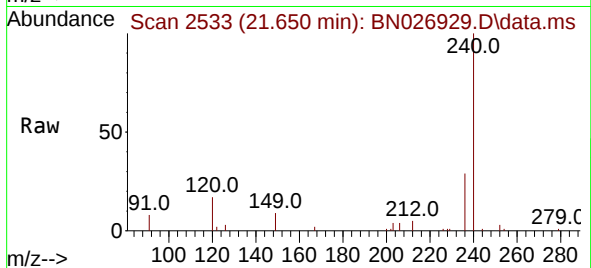
Tgt Ion:240 Resp: 19579

Ion Ratio Lower Upper

240 100

120 17.3 11.1 16.7#

236 28.8 22.2 33.2



#31

Terphenyl-d14

Concen: 0.552 ng

RT: 20.085 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BN026929.D

Acq: 16 Aug 2023 12:29

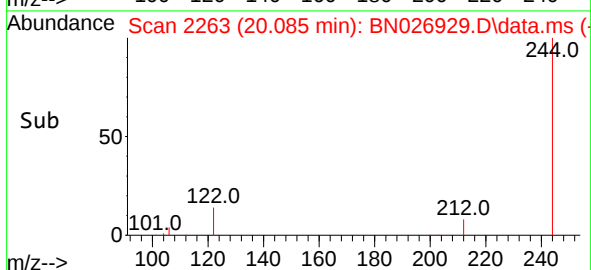
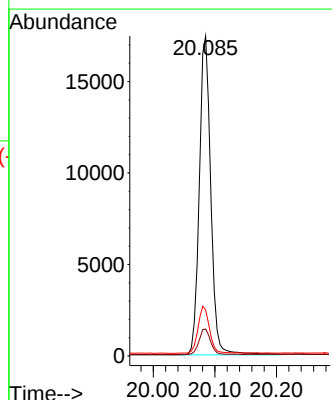
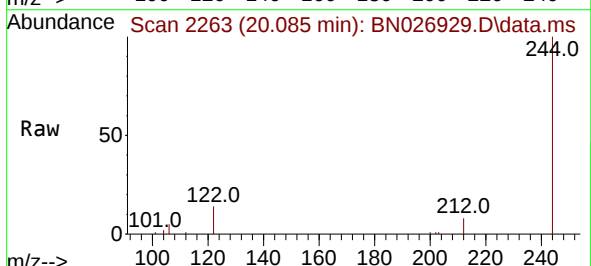
Tgt Ion:244 Resp: 22592

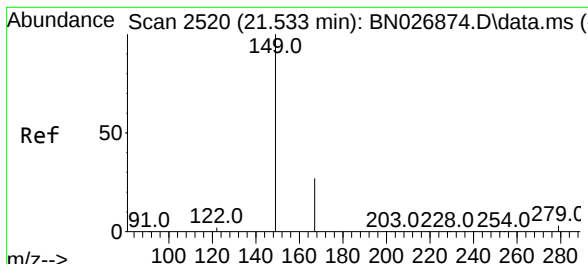
Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

122 14.4 11.9 17.9

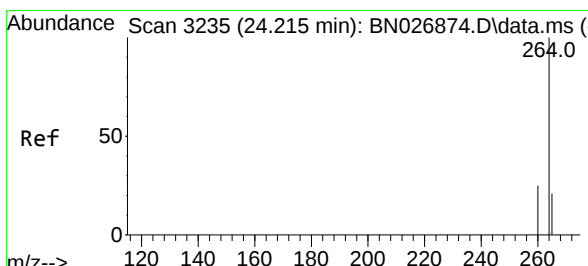
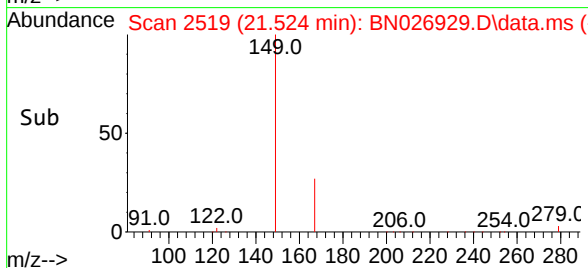
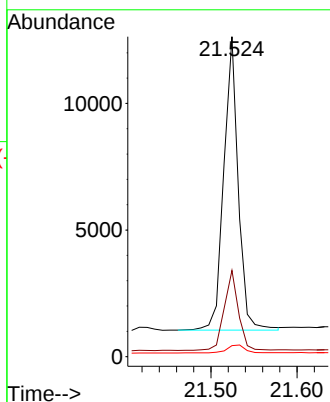
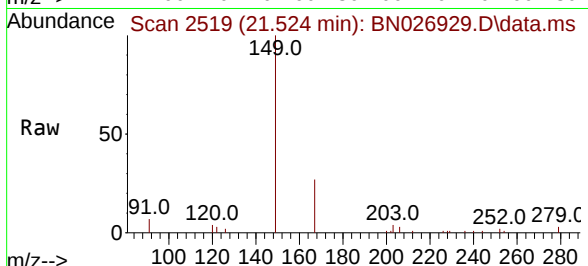




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.264 ng
 RT: 21.524 min Scan# 2151
 Delta R.T. 0.000 min
 Lab File: BN026929.D
 Acq: 16 Aug 2023 12:29

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Tgt Ion:	149	Resp:	13451
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.4	32.0
279	3.7	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.200 min Scan# 3230
 Delta R.T. -0.003 min
 Lab File: BN026929.D
 Acq: 16 Aug 2023 12:29

Tgt Ion:	264	Resp:	21868
Ion Ratio	Lower	Upper	
264	100		
260	25.6	20.4	30.6
265	55.2	27.0	40.6

