

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091222\
 Data File : BN021720.D
 Acq On : 12 Sep 2022 18:16
 Operator : CG/JU
 Sample : N4492-07DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-090122DL

Quant Time: Sep 13 03:14:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 13 02:32:27 2022
 Response via : Initial Calibration

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

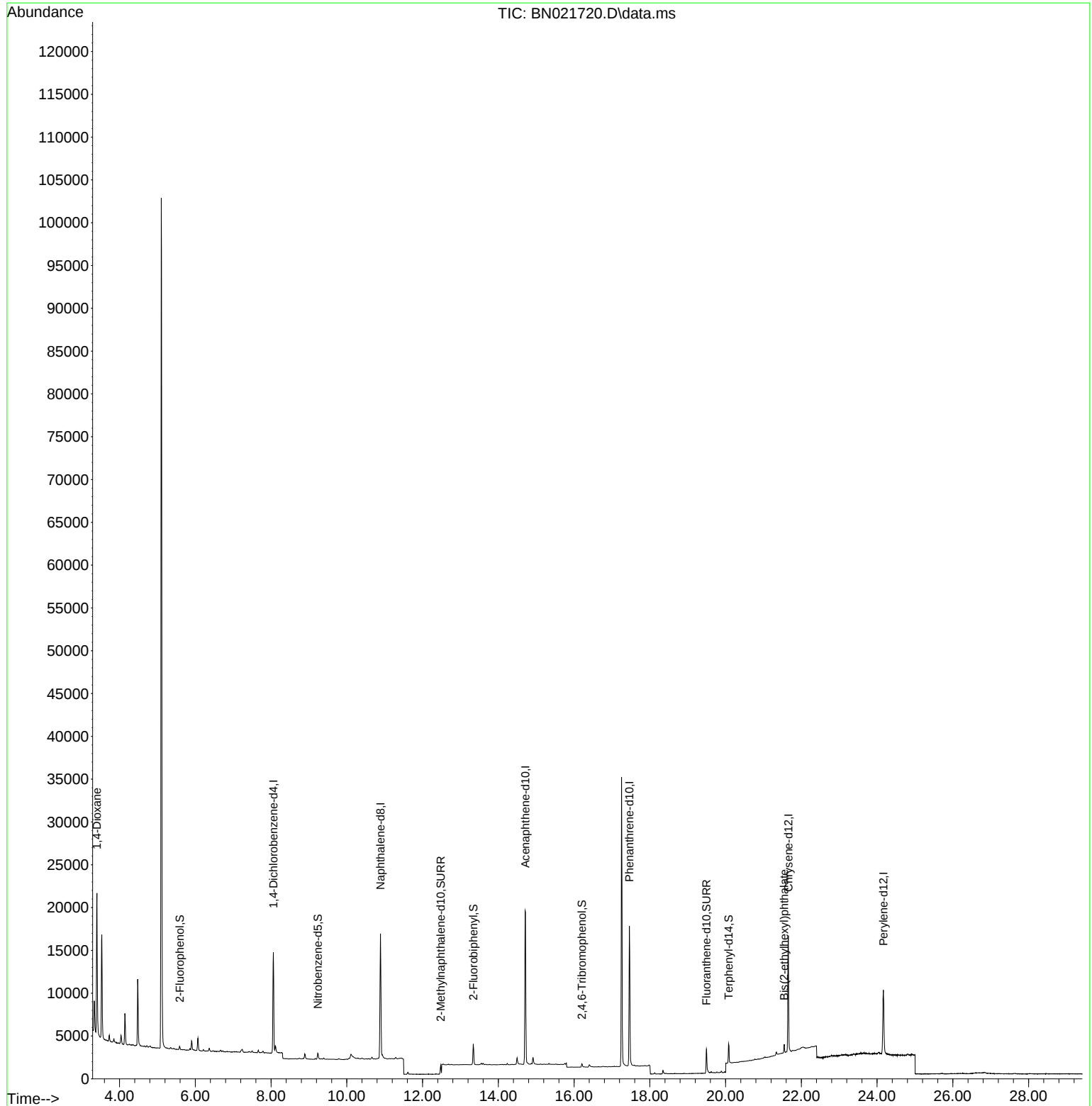
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	5945	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	19825	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	11591	0.400	ng	0.01
19) Phenanthrene-d10	17.460	188	23191	0.400	ng	# 0.00
29) Chrysene-d12	21.655	240	13385	0.400	ng	0.00
35) Perylene-d12	24.165	264	11215	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	333	0.029	ng	0.00
5) Phenol-d6	7.217	99	267	0.018	ng	0.00
8) Nitrobenzene-d5	9.233	82	714	0.053	ng	0.00
11) 2-Methylnaphthalene-d10	12.478	152	1938	0.043	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	239	0.063	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	2201	0.043	ng	0.00
27) Fluoranthene-d10	19.493	212	2976	0.050	ng	0.00
31) Terphenyl-d14	20.079	244	2154	0.072	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	11394	1.532	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.548	149	1025	0.055	ng	# 96

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

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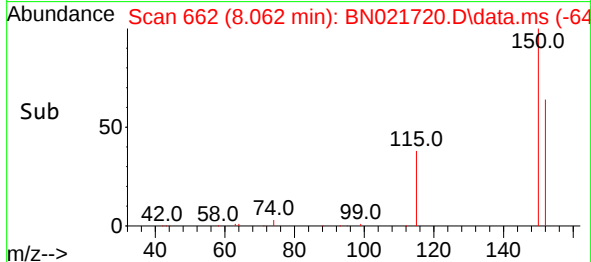
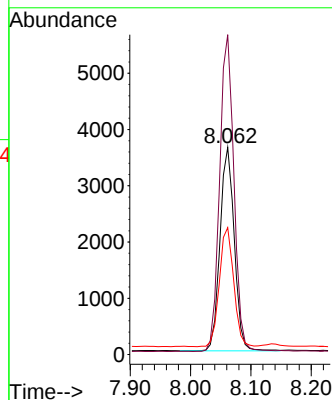
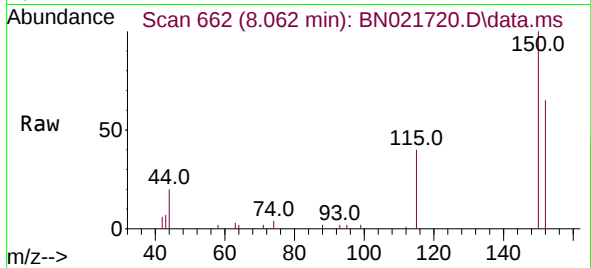




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.062 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021720.D
 Acq: 12 Sep 2022 18:16

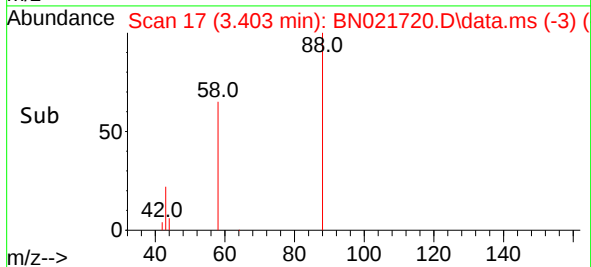
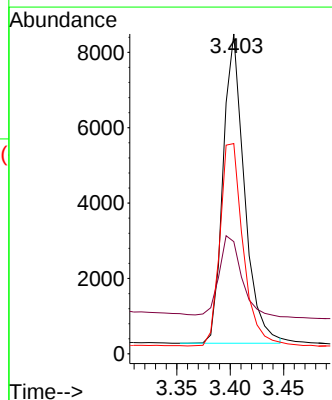
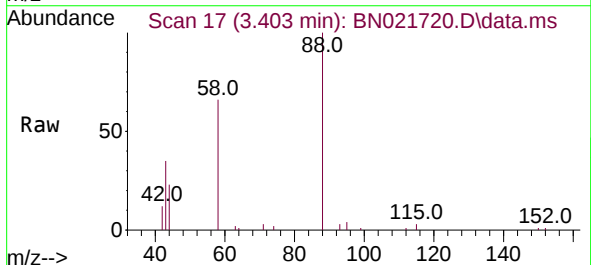
Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-090122DL

Tgt Ion:152 Resp: 5945
 Ion Ratio Lower Upper
 152 100
 150 154.4 121.4 182.0
 115 61.2 48.6 72.8



#2
 1,4-Dioxane
 Concen: 1.532 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021720.D
 Acq: 12 Sep 2022 18:16

Tgt Ion: 88 Resp: 11394
 Ion Ratio Lower Upper
 88 100
 43 27.7 35.8 53.8#
 58 71.3 57.1 85.7





#4

2-Fluorophenol

Concen: 0.029 ng

RT: 5.592 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN021720.D

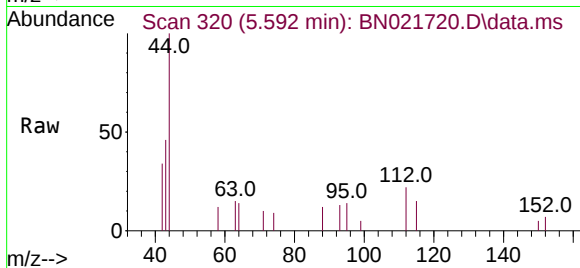
Acq: 12 Sep 2022 18:16

Instrument :

BNA_N

ClientSampleId :

BR-03D-479.5-499.5-090122DL



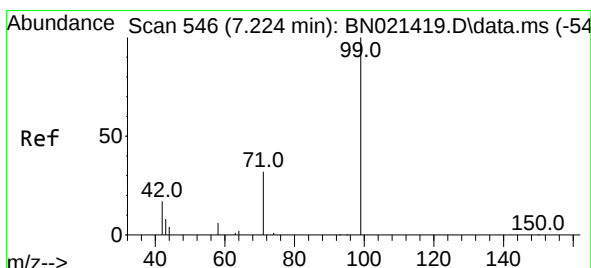
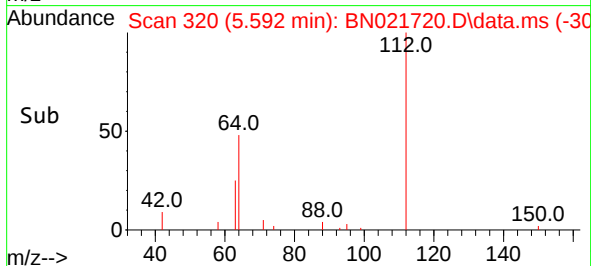
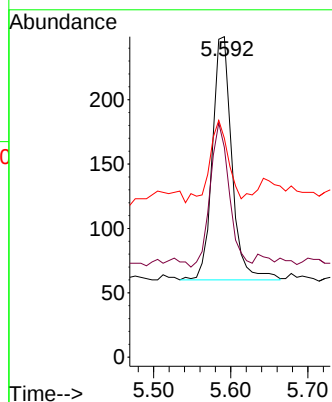
Tgt Ion:112 Resp: 333

Ion Ratio Lower Upper

112 100

64 57.7 43.5 65.3

63 32.4 22.6 34.0



#5

Phenol-d6

Concen: 0.018 ng

RT: 7.217 min Scan# 545

Delta R.T. 0.007 min

Lab File: BN021720.D

Acq: 12 Sep 2022 18:16

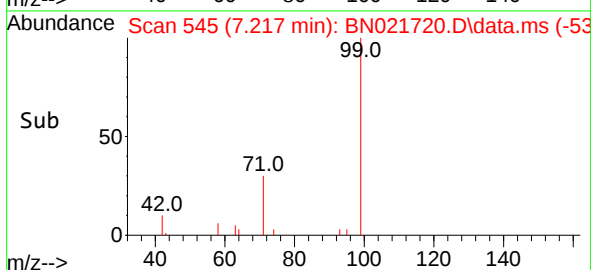
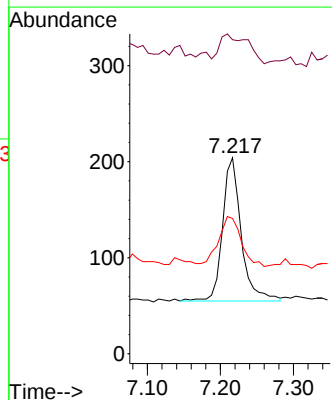
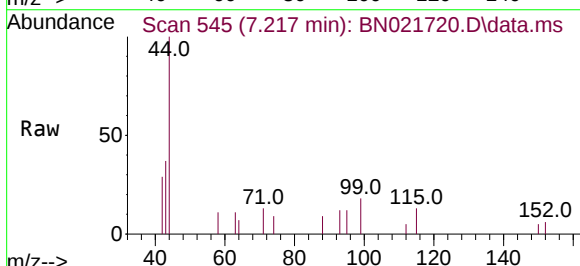
Tgt Ion: 99 Resp: 267

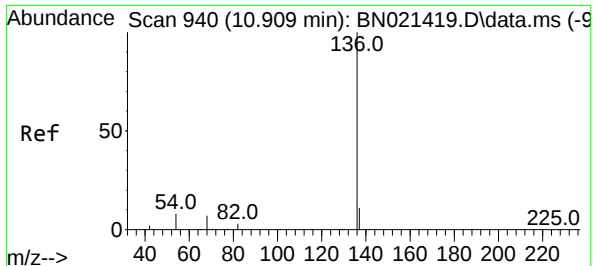
Ion Ratio Lower Upper

99 100

42 30.7 15.5 23.3#

71 41.9 24.2 36.2#

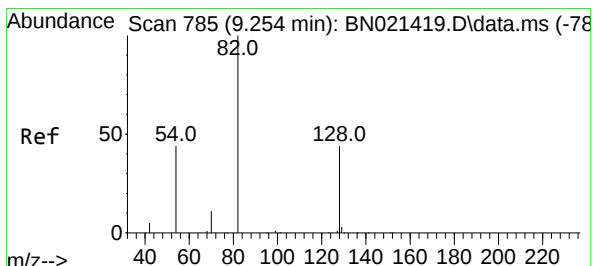
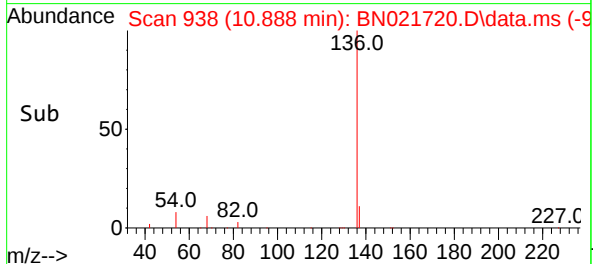
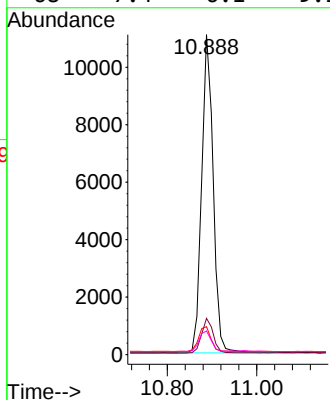
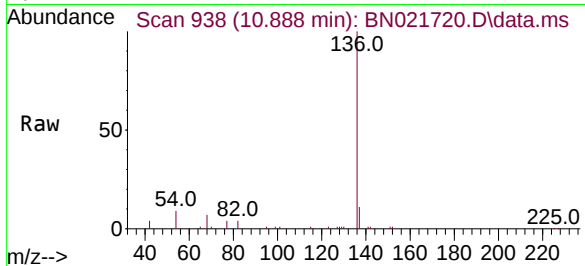




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 940
Delta R.T. 0.000 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

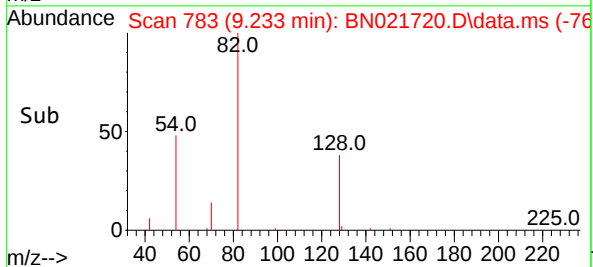
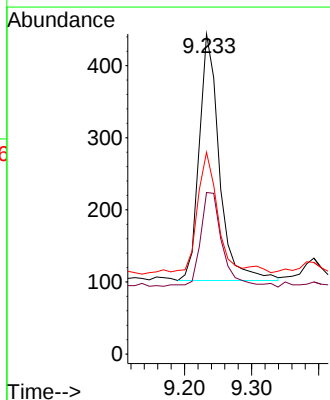
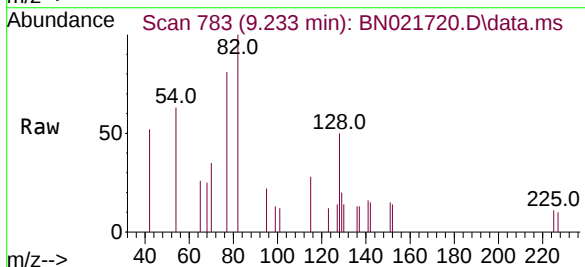
Instrument :
BNA_N
ClientSampleId :
BR-03D-479.5-499.5-090122DL

Tgt Ion:136	Resp:	19825
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.3 13.9
54	8.7	6.9 10.3
68	7.4	6.1 9.1



#8
Nitrobenzene-d5
Concen: 0.053 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

Tgt Ion: 82	Resp:	714
Ion Ratio	Lower	Upper
82	100	
128	50.5	30.9 46.3
54	63.1	42.7 64.1

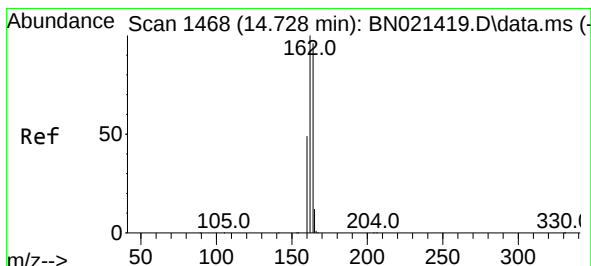
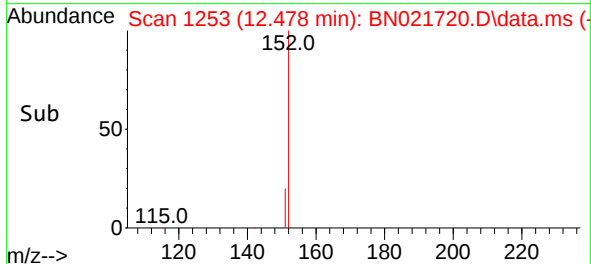
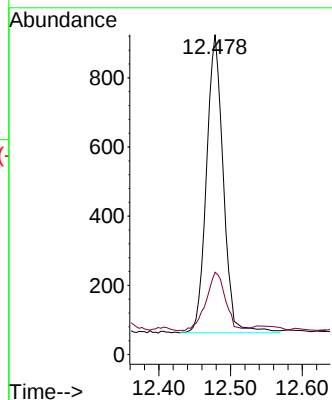
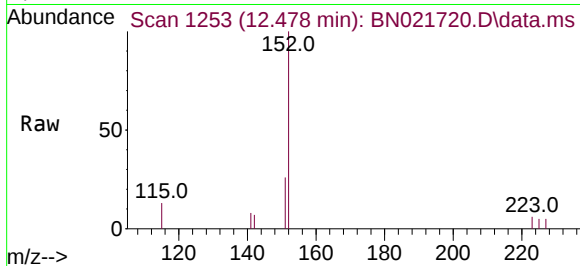




#11
2-Methylnaphthalene-d10
Concen: 0.043 ng
RT: 12.478 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

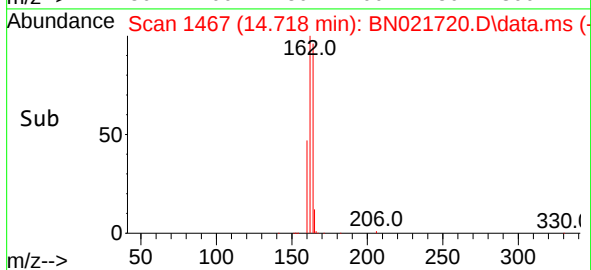
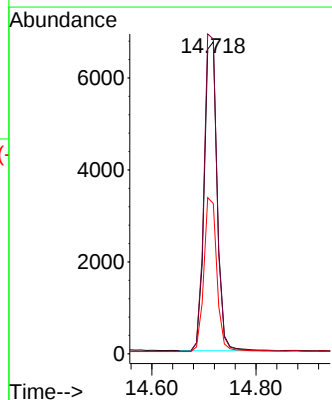
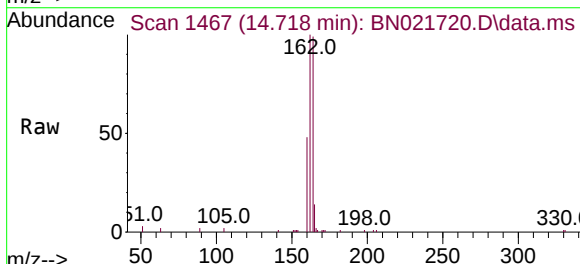
Instrument :
BNA_N
ClientSampleId :
BR-03D-479.5-499.5-090122DL

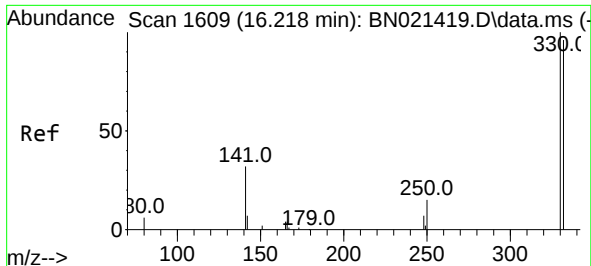
Tgt Ion:152 Resp: 1938
Ion Ratio Lower Upper
152 100
151 17.4 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.011 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

Tgt Ion:164 Resp: 11591
Ion Ratio Lower Upper
164 100
162 100.9 82.2 123.4
160 48.2 39.5 59.3

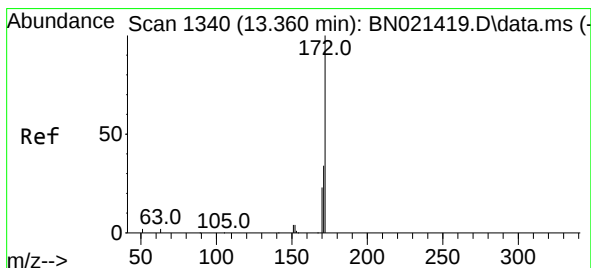
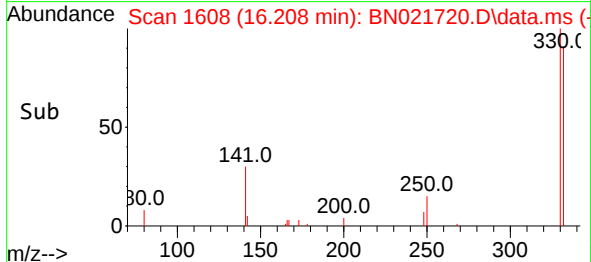
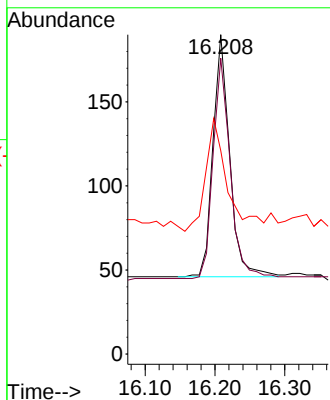
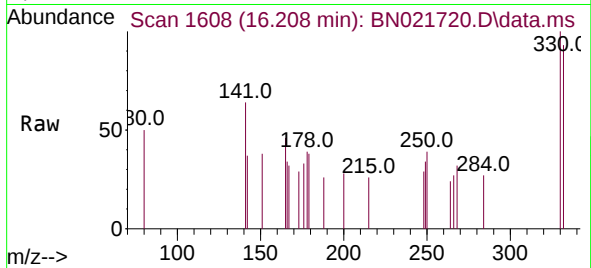




#14
2,4,6-Tribromophenol
Concen: 0.063 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

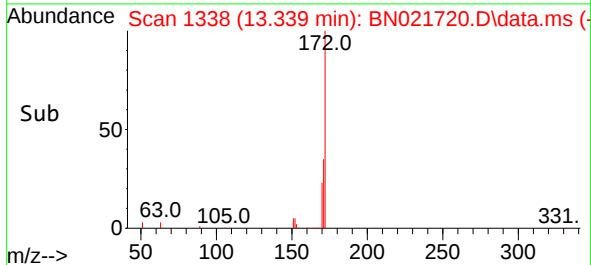
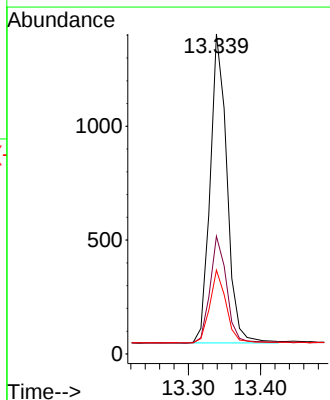
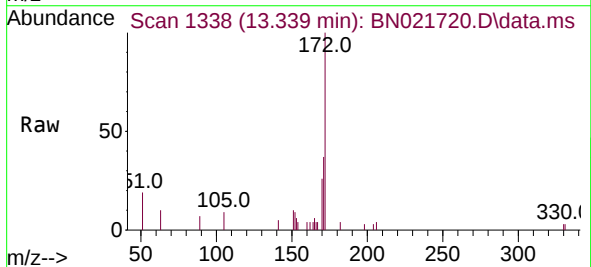
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BNA_N
ClientSampleId :
BR-03D-479.5-499.5-090122DL

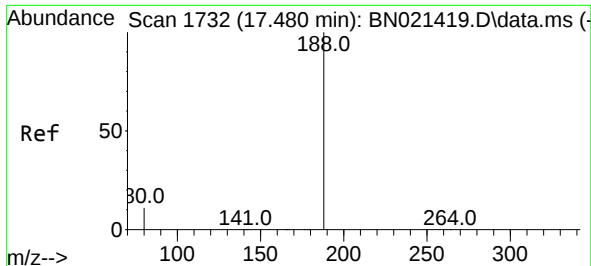
Tgt Ion:330 Resp: 239
Ion Ratio Lower Upper
330 100
332 94.6 79.3 118.9
141 60.7 37.1 55.7#



#15
2-Fluorobiphenyl
Concen: 0.043 ng
RT: 13.339 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

Tgt Ion:172 Resp: 2201
Ion Ratio Lower Upper
172 100
171 36.8 27.8 41.6
170 26.2 18.6 28.0

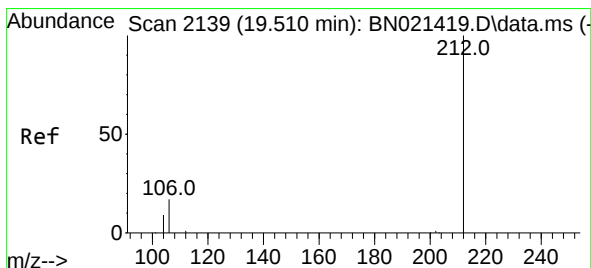
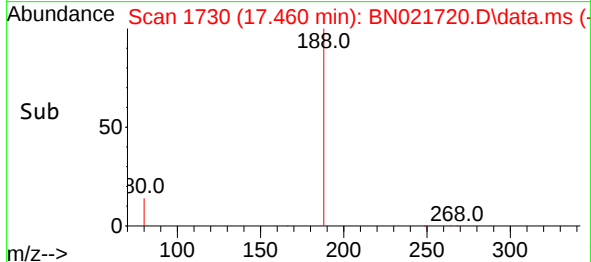
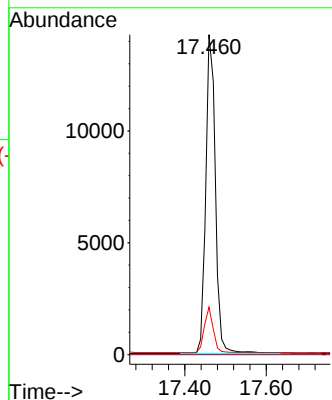
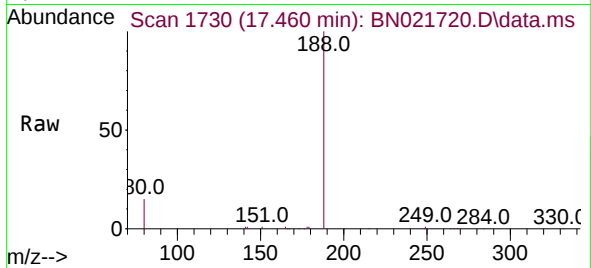




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

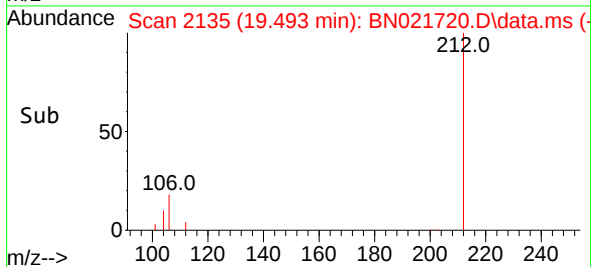
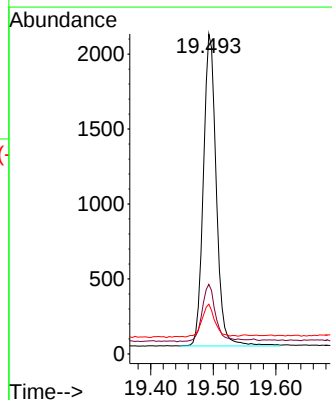
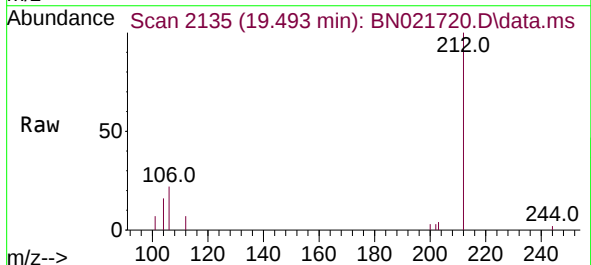
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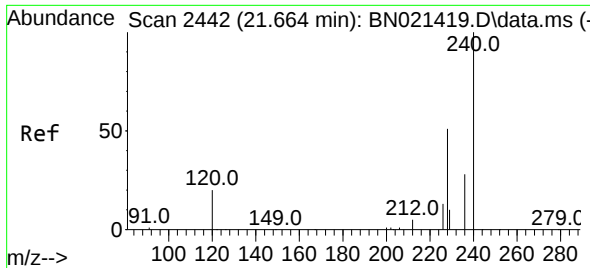
Tgt Ion:188 Resp: 23191
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 9.5 14.3#



#27
Fluoranthene-d10
Concen: 0.050 ng
RT: 19.493 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

Tgt Ion:212 Resp: 2976
Ion Ratio Lower Upper
212 100
106 19.3 14.2 21.2
104 10.6 7.8 11.6

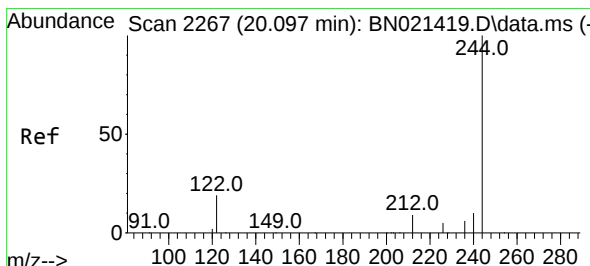
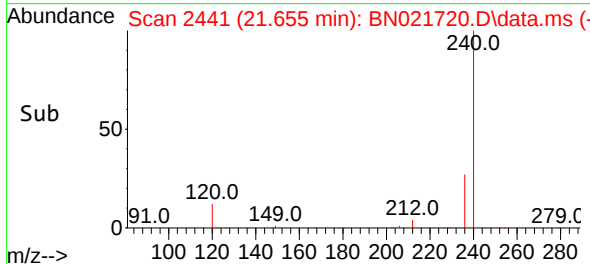
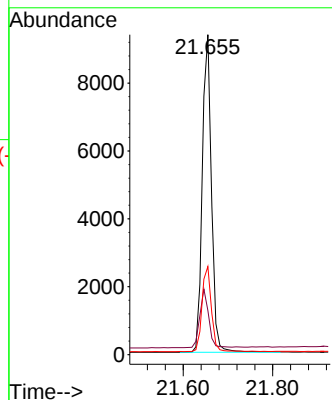
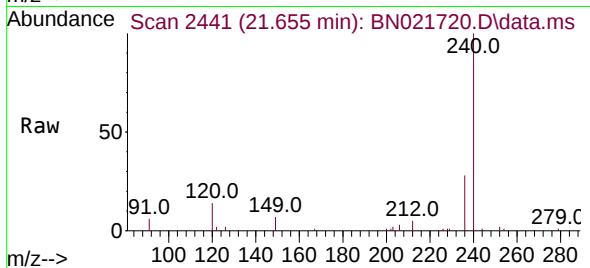




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

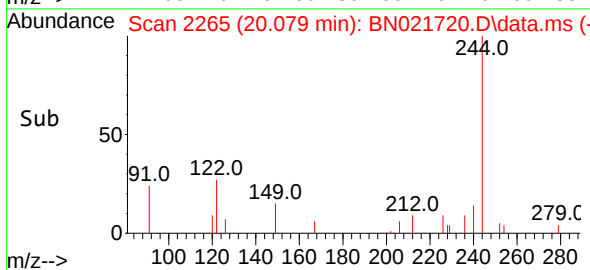
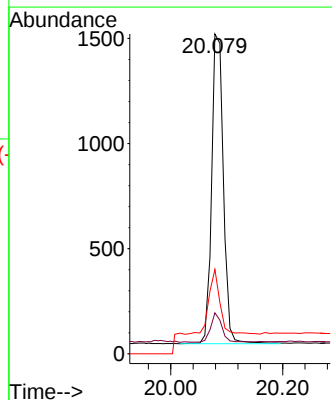
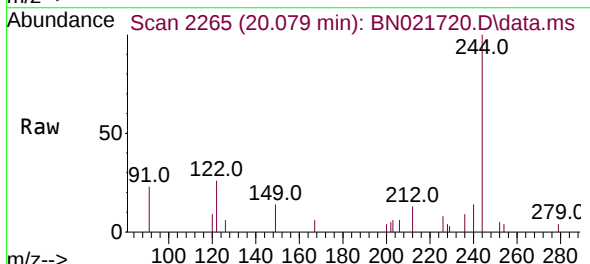
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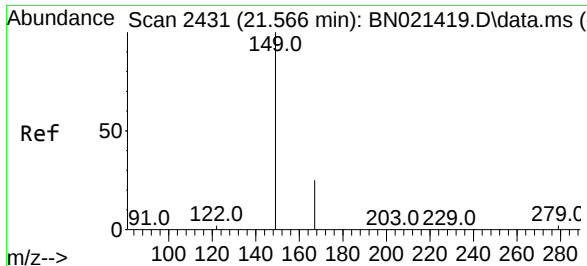
Tgt Ion:240 Resp: 13385
Ion Ratio Lower Upper
240 100
120 13.8 10.2 15.4
236 27.5 22.1 33.1



#31
Terphenyl-d14
Concen: 0.072 ng
RT: 20.079 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN021720.D
Acq: 12 Sep 2022 18:16

Tgt Ion:244 Resp: 2154
Ion Ratio Lower Upper
244 100
212 12.8 6.5 9.7#
122 26.3 9.1 13.7#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.055 ng
 RT: 21.548 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN021720.D
 Acq: 12 Sep 2022 18:16

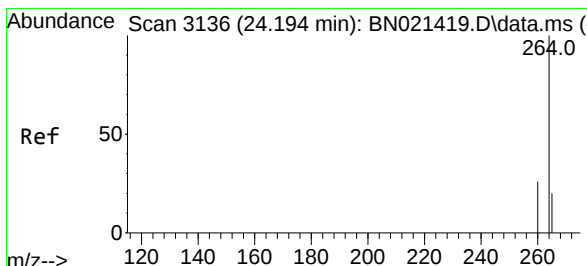
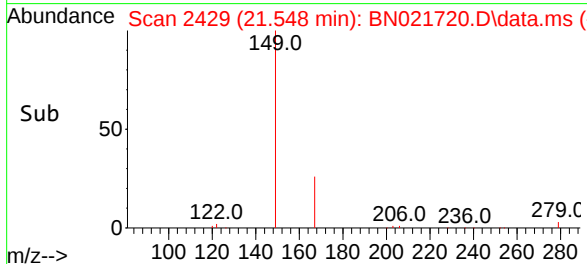
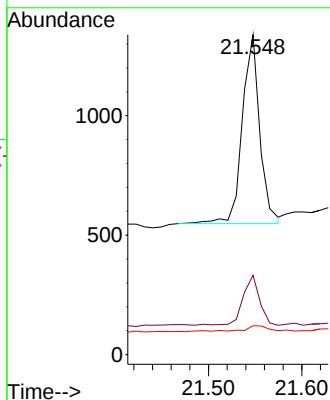
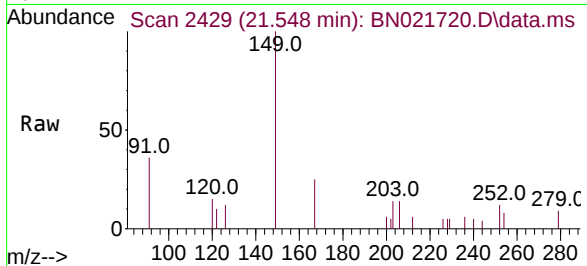
Instrument :

BNA_N

ClientSampleId :

BR-03D-479.5-499.5-090122DL

Tgt Ion:149 Resp: 1025
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.4 32.0
 279 4.0 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.165 min Scan# 3126
 Delta R.T. -0.003 min
 Lab File: BN021720.D
 Acq: 12 Sep 2022 18:16

Tgt Ion:264 Resp: 11215
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.0 31.6
 265 46.7 32.2 48.2

