

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
 Data File : BN021563.D
 Acq On : 02 Sep 2022 16:08
 Operator : CG/JU
 Sample : N4373-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20220825

Quant Time: Sep 03 03:07:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

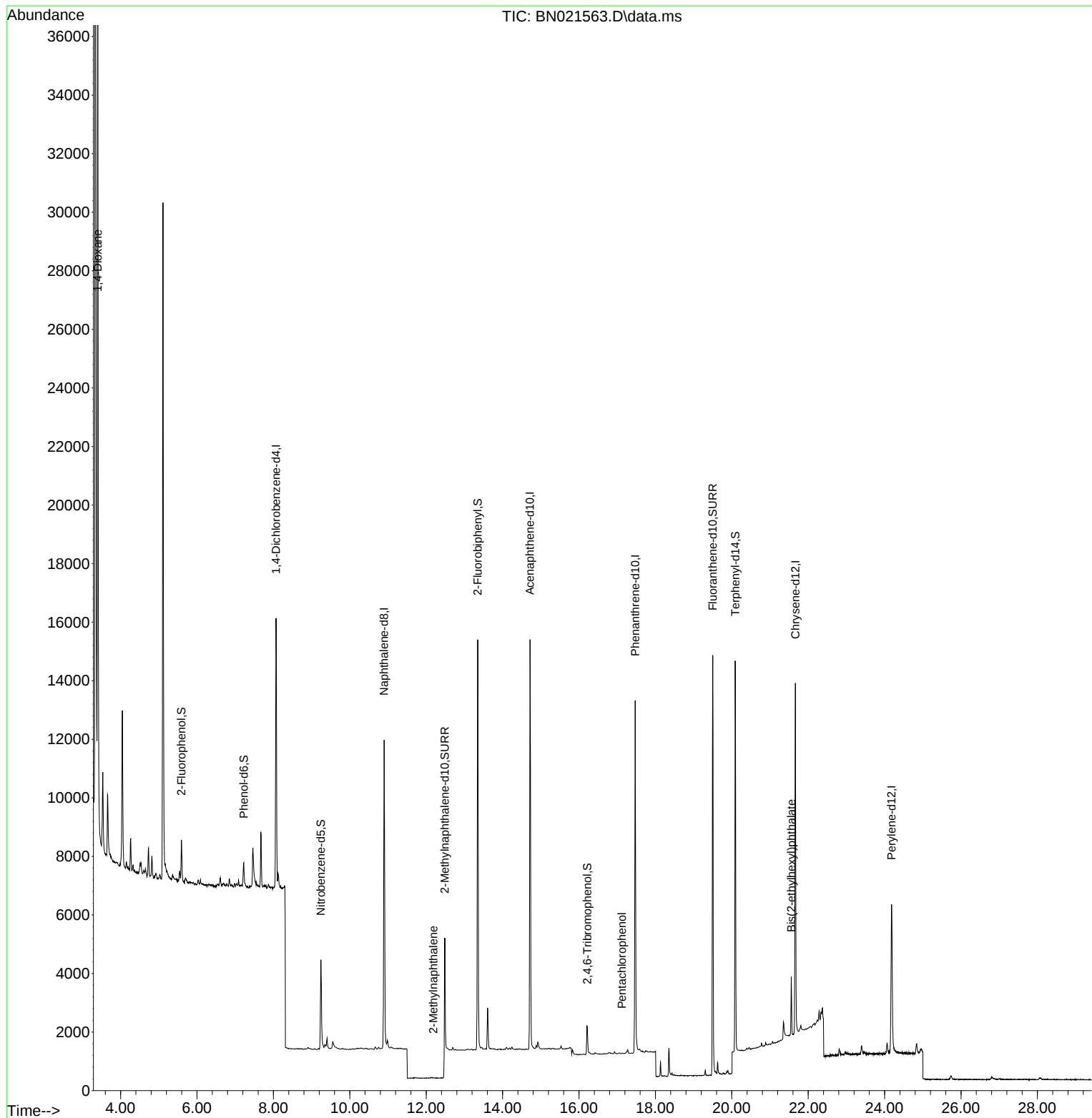
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4568	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	14424	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	7960	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	16358	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11274	0.400	ng	0.00
35) Perylene-d12	24.182	264	8177	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.591	112	1232	0.138	ng	0.00
5) Phenol-d6	7.224	99	900	0.079	ng	0.00
8) Nitrobenzene-d5	9.243	82	2865	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	10749	0.331	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	658	0.252	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	12088	0.347	ng	0.00
27) Fluoranthene-d10	19.501	212	15889	0.378	ng	0.00
31) Terphenyl-d14	20.088	244	11772	0.465	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	18434	3.227	ng	Qvalue # 90
12) 2-Methylnaphthalene	12.187	142	2	0.127	ng	# 1
24) Pentachlorophenol	17.121	266	15	0.206	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.556	149	1907	0.121	ng	# 98

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

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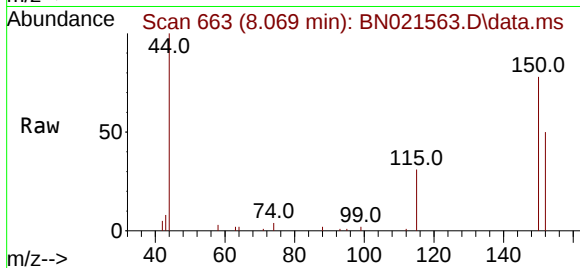
Quant Time: Sep 03 03:07:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration



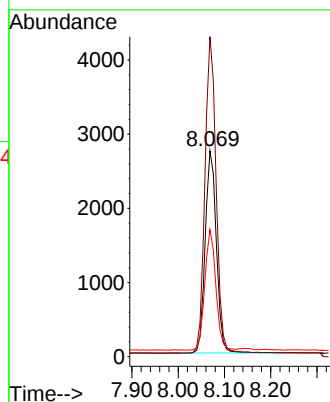
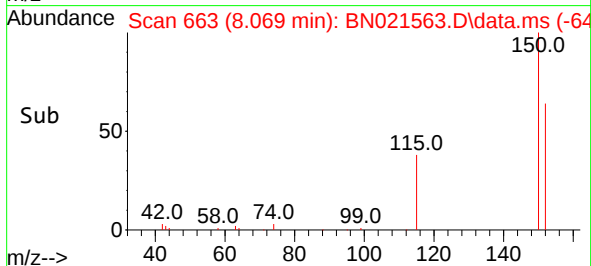


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021563.D
 Acq: 02 Sep 2022 16:08

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20220825

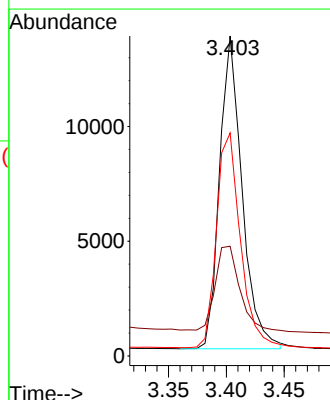
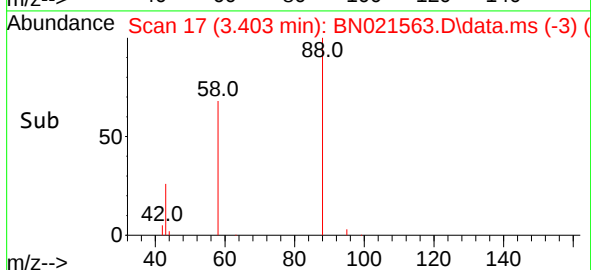
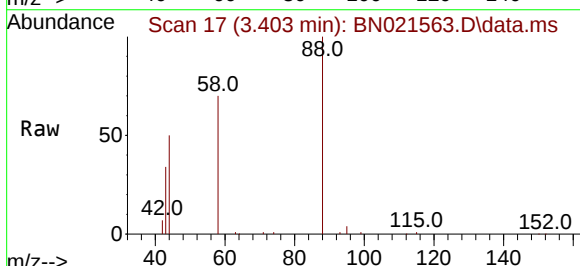


Tgt Ion:152 Resp: 4568
 Ion Ratio Lower Upper
 152 100
 150 155.5 121.4 182.0
 115 61.8 48.6 72.8



#2
 1,4-Dioxane
 Concen: 3.227 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN021563.D
 Acq: 02 Sep 2022 16:08

Tgt Ion: 88 Resp: 18434
 Ion Ratio Lower Upper
 88 100
 43 28.9 35.8 53.8#
 58 72.8 57.1 85.7

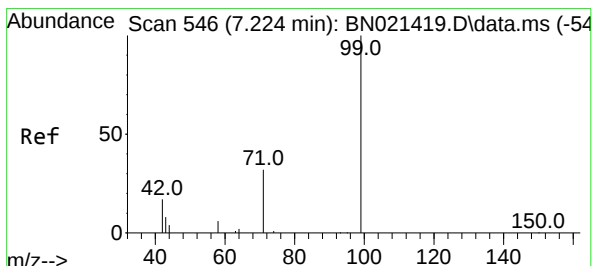
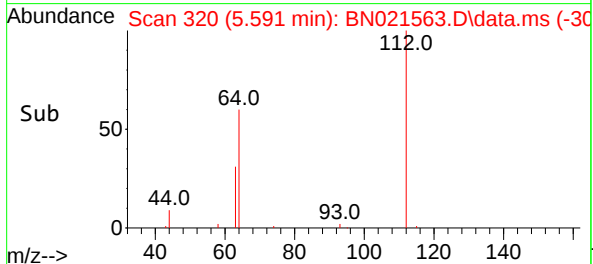
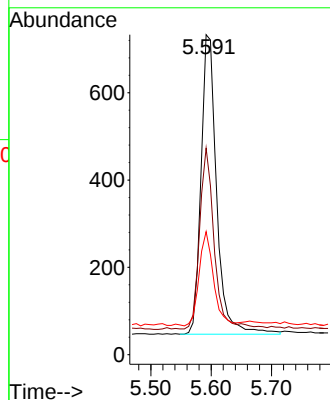
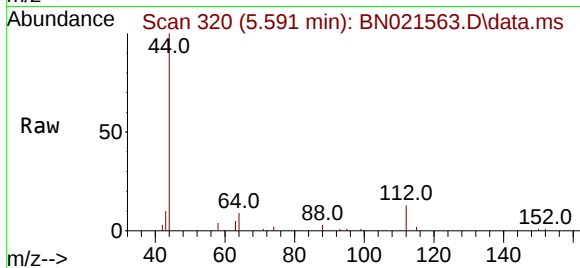




#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.591 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021563.D
Acq: 02 Sep 2022 16:08

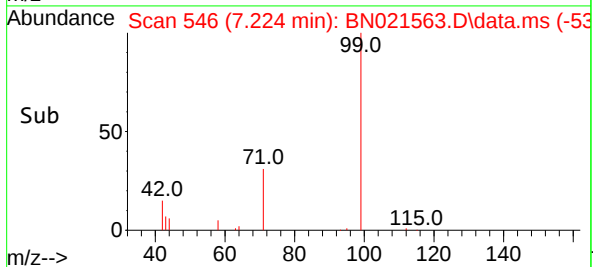
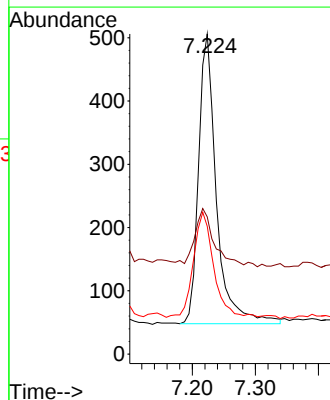
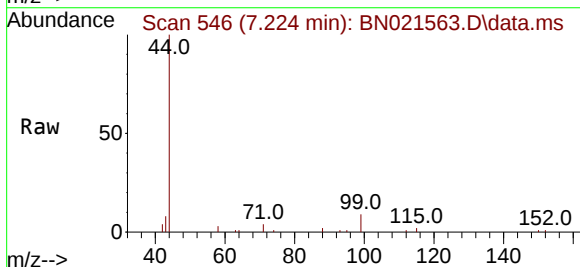
Instrument :
BNA_N
ClientSampleId :
RE114D2-20220825

Tgt Ion:112 Resp: 1232
Ion Ratio Lower Upper
112 100
64 56.4 43.5 65.3
63 29.2 22.6 34.0



#5
Phenol-d6
Concen: 0.079 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021563.D
Acq: 02 Sep 2022 16:08

Tgt Ion: 99 Resp: 900
Ion Ratio Lower Upper
99 100
42 22.8 15.5 23.3
71 42.1 24.2 36.2#

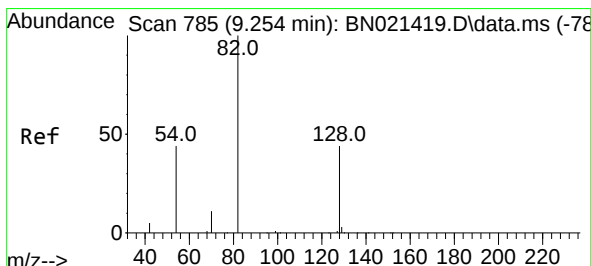
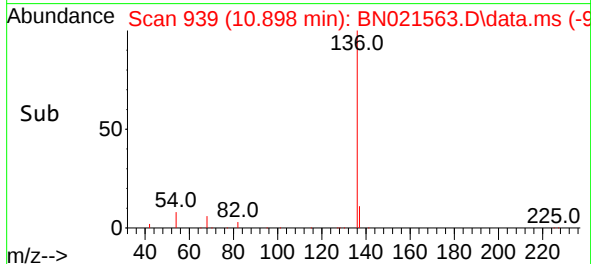
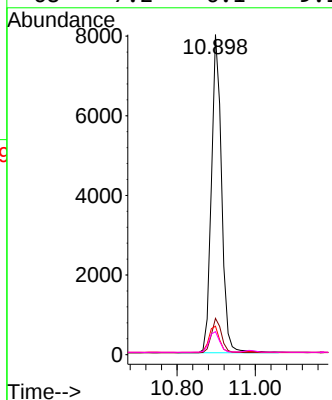
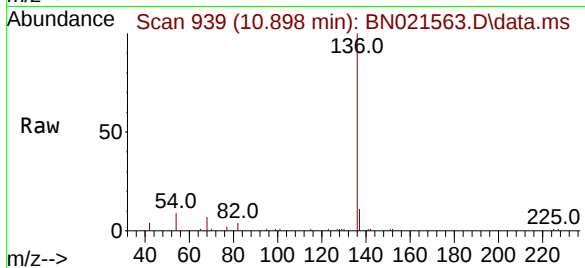




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN021563.D
Acq: 02 Sep 2022 16:08

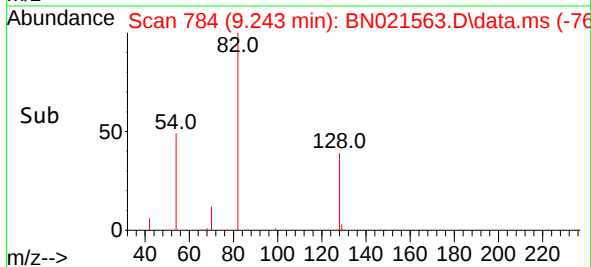
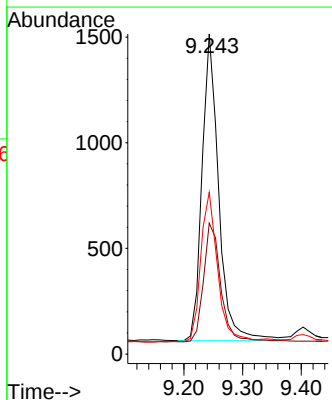
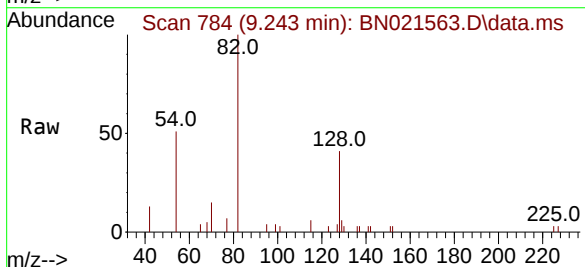
Instrument :
BNA_N
ClientSampleId :
RE114D2-20220825

Tgt Ion:	136	Resp:	14424
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.9	6.9	10.3
68	7.2	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN021563.D
Acq: 02 Sep 2022 16:08

Tgt Ion:	82	Resp:	2865
Ion	Ratio	Lower	Upper
82	100		
128	40.9	30.9	46.3
54	50.6	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.331 ng

RT: 12.486 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BN021563.D

Acq: 02 Sep 2022 16:08

Instrument :

BNA_N

ClientSampleId :

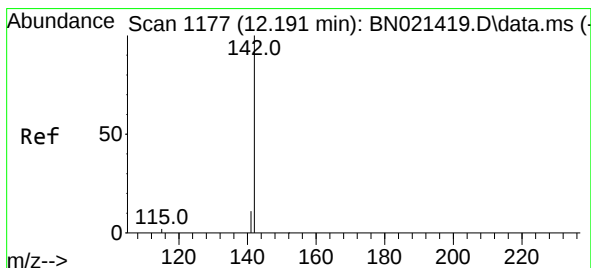
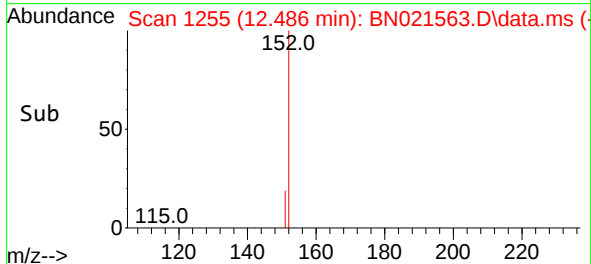
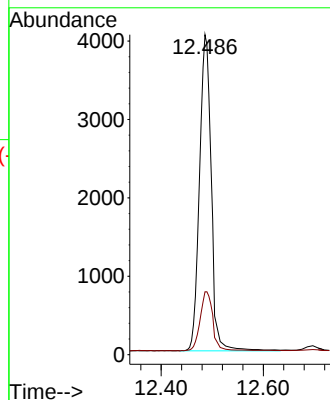
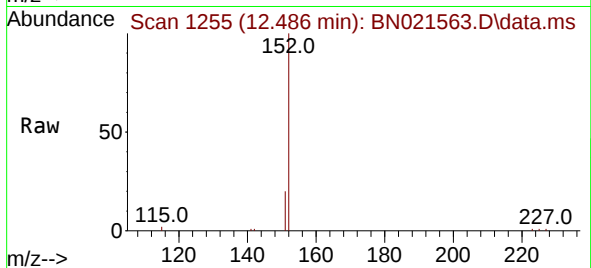
RE114D2-20220825

Tgt Ion:152 Resp: 10749

Ion Ratio Lower Upper

152 100

151 19.8 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.187 min Scan# 1176

Delta R.T. 0.004 min

Lab File: BN021563.D

Acq: 02 Sep 2022 16:08

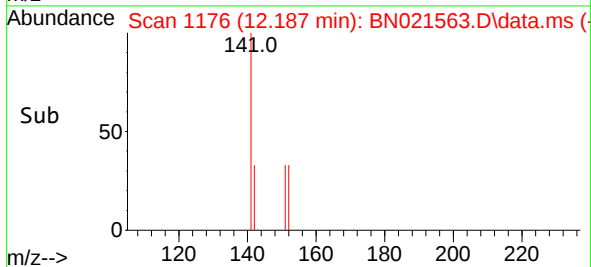
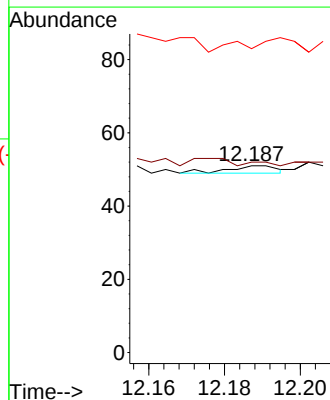
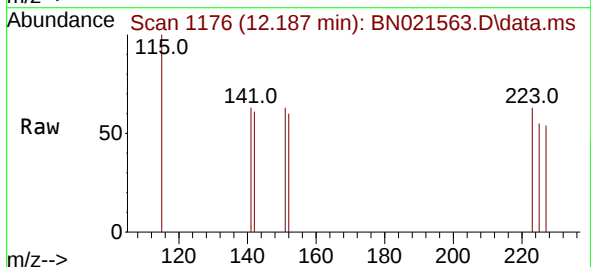
Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 102.0 12.2 18.2#

115 162.7 7.9 11.9#

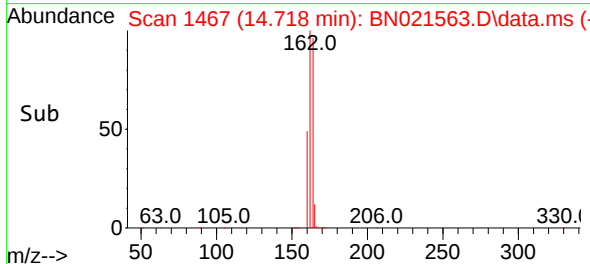
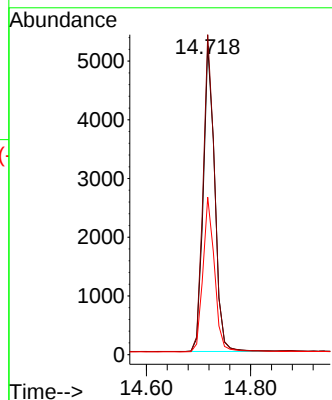
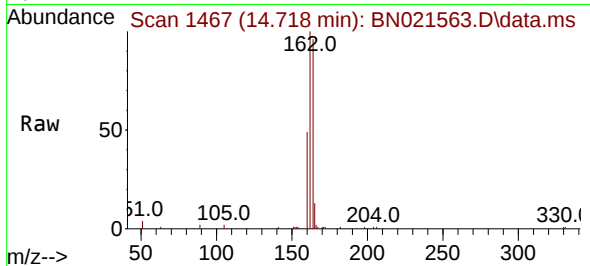




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN021563.D
Acq: 02 Sep 2022 16:08

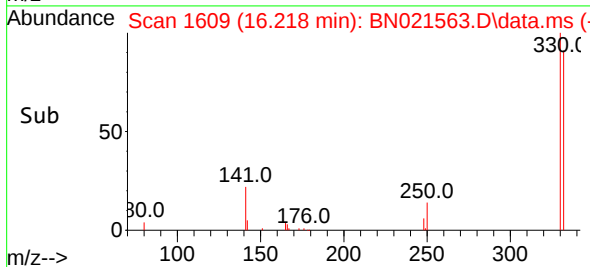
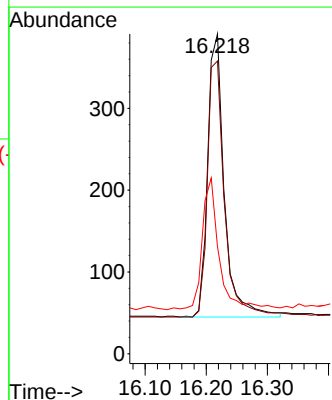
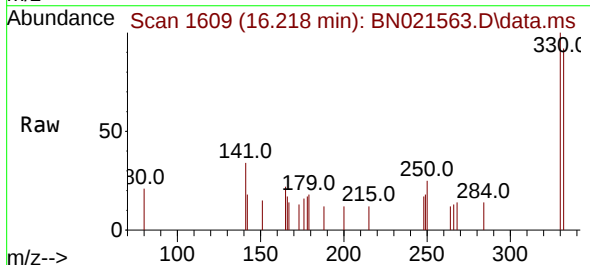
Instrument :
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ClientSampleId :
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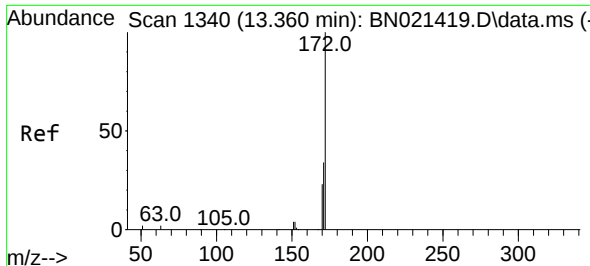
Tgt Ion:	164	Resp:	7960
Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.2	123.4
160	51.0	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 16.218 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN021563.D
Acq: 02 Sep 2022 16:08

Tgt Ion:	330	Resp:	658
Ion	Ratio	Lower	Upper
330	100		
332	93.3	79.3	118.9
141	47.1	37.1	55.7

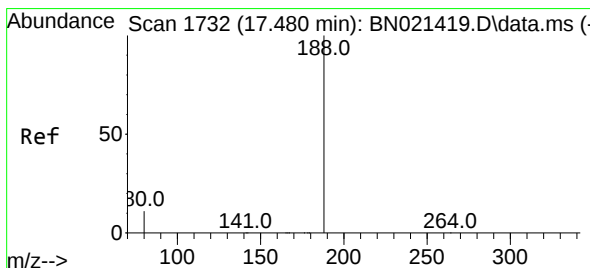
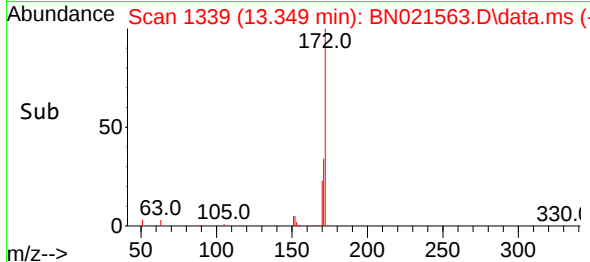
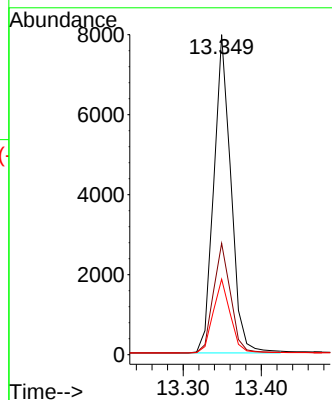
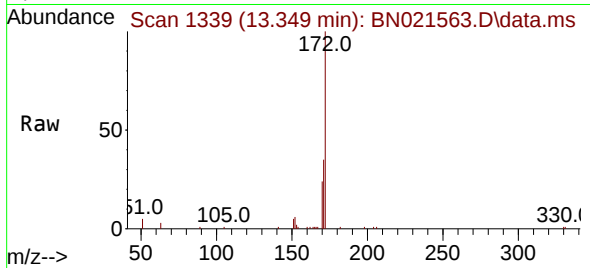




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.349 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021563.D
Acq: 02 Sep 2022 16:08

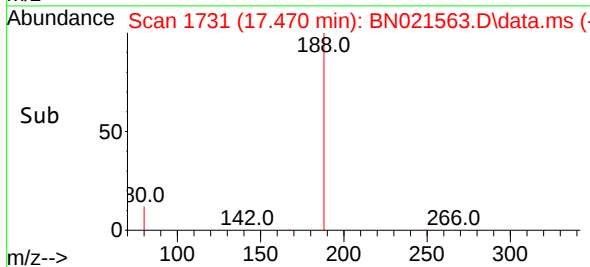
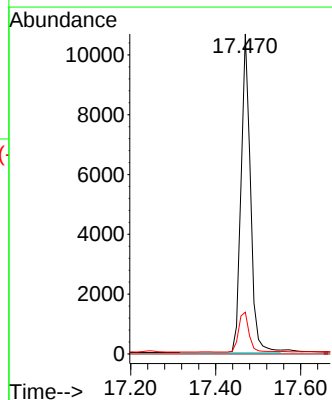
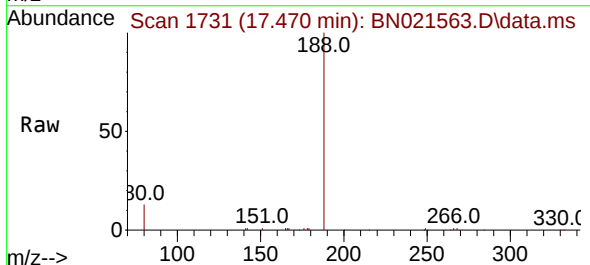
Instrument :
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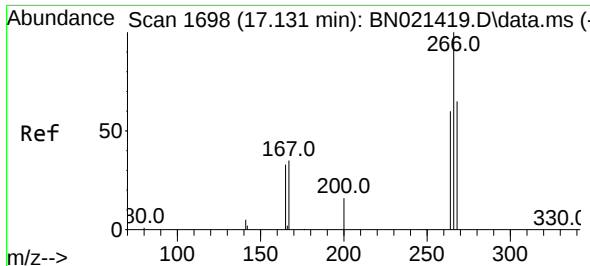
Tgt Ion:	172	Resp:	12088
Ion Ratio	Lower	Upper	
172	100		
171	34.8	27.8	41.6
170	23.6	18.6	28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BN021563.D
Acq: 02 Sep 2022 16:08

Tgt Ion:	188	Resp:	16358
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.1	9.5	14.3

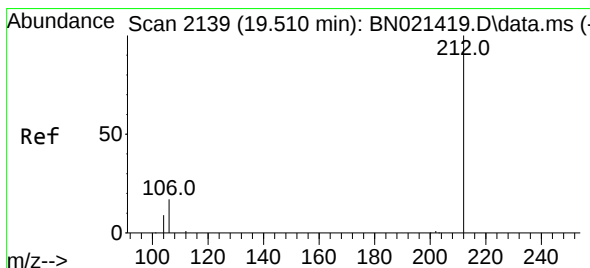
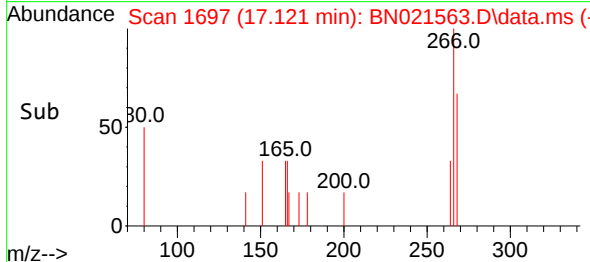
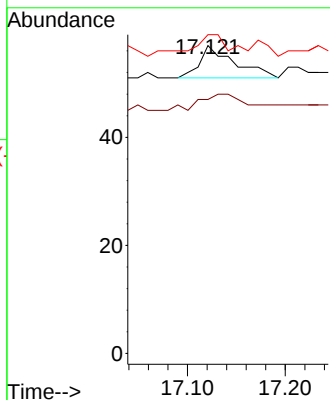
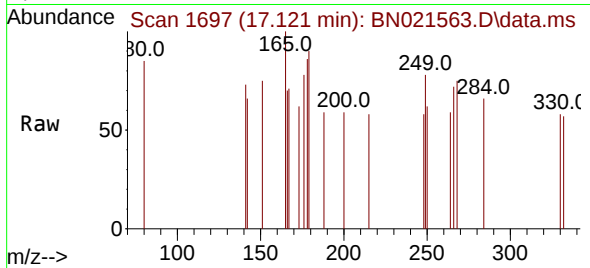




#24
Pentachlorophenol
Concen: 0.206 ng
RT: 17.121 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN021563.D
Acq: 02 Sep 2022 16:08

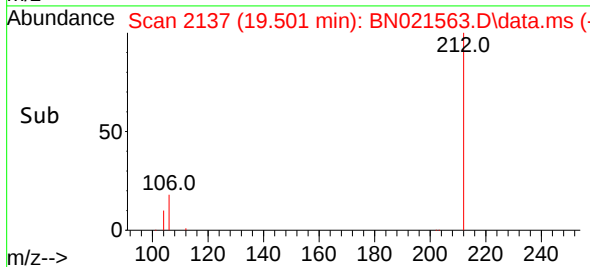
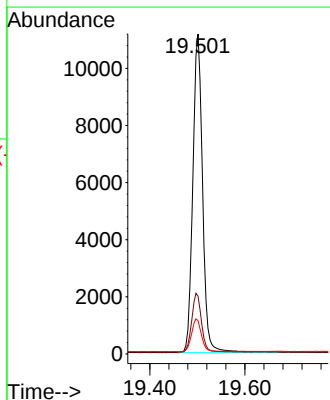
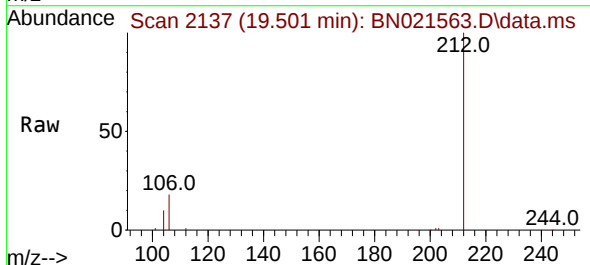
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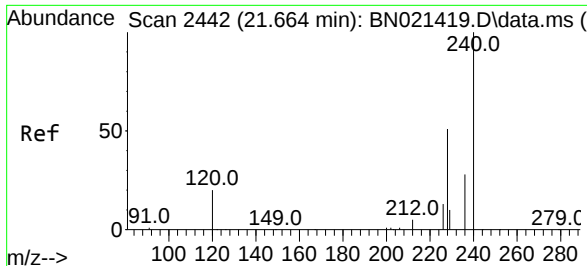
Tgt Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
264 100.0 49.0 73.6#
268 73.3 50.9 76.3



#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.501 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BN021563.D
Acq: 02 Sep 2022 16:08

Tgt Ion:212 Resp: 15889
Ion Ratio Lower Upper
212 100
106 18.5 14.2 21.2
104 10.3 7.8 11.6

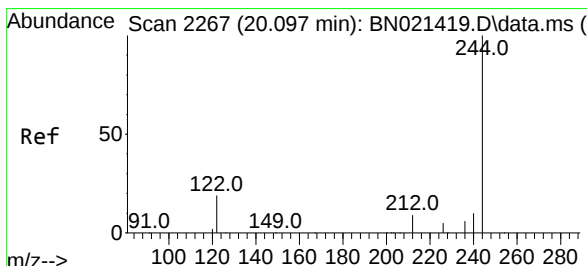
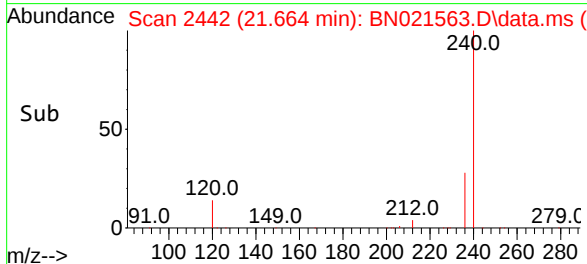
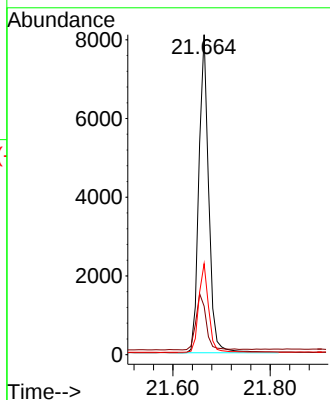
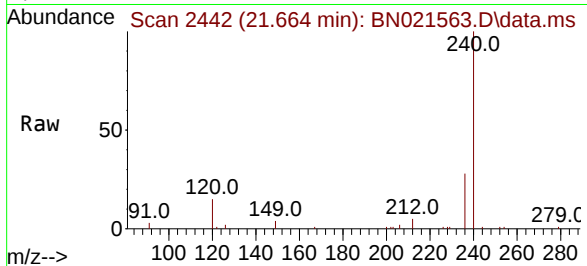




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN021563.D
Acq: 02 Sep 2022 16:08

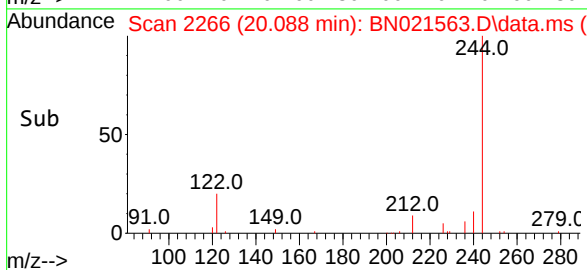
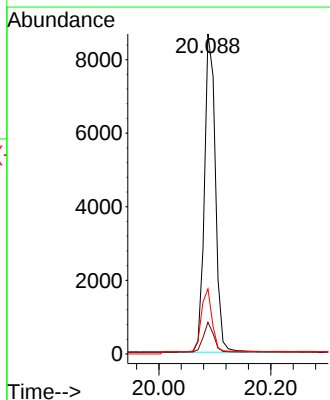
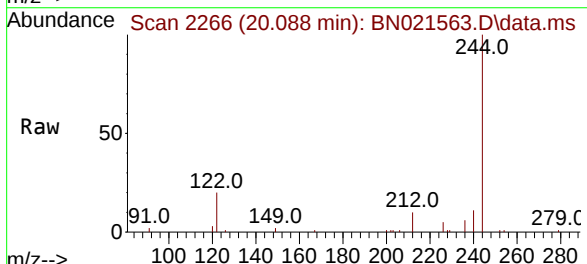
Instrument :
BNA_N
ClientSampleId :
RE114D2-20220825

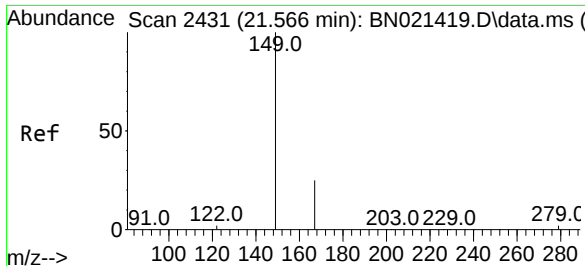
Tgt Ion:240 Resp: 11274
Ion Ratio Lower Upper
240 100
120 15.2 10.2 15.4
236 28.5 22.1 33.1



#31
Terphenyl-d14
Concen: 0.465 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021563.D
Acq: 02 Sep 2022 16:08

Tgt Ion:244 Resp: 11772
Ion Ratio Lower Upper
244 100
212 9.9 6.5 9.7#
122 20.3 9.1 13.7#

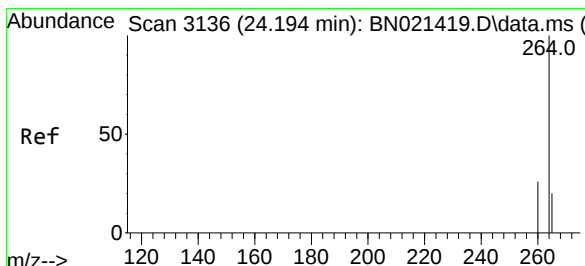
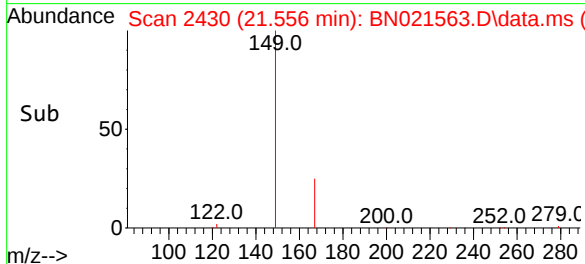
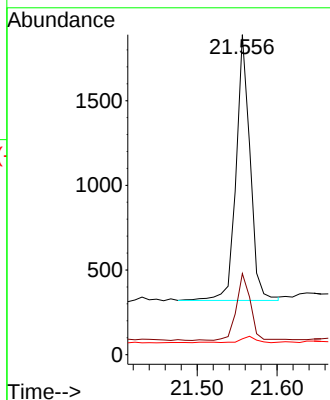
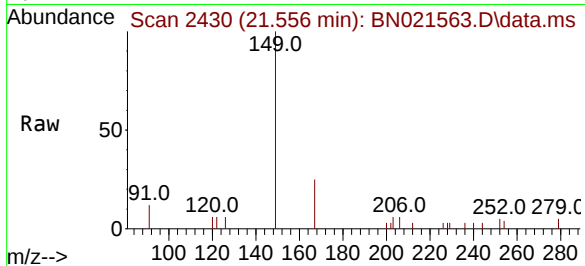




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.121 ng
 RT: 21.556 min Scan# 2431
 Delta R.T. -0.000 min
 Lab File: BN021563.D
 Acq: 02 Sep 2022 16:08

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20220825

Tgt Ion:149 Resp: 1907
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.4 32.0
 279 2.3 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.182 min Scan# 3132
 Delta R.T. -0.003 min
 Lab File: BN021563.D
 Acq: 02 Sep 2022 16:08

Tgt Ion:264 Resp: 8177
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.0 31.6
 265 36.6 32.2 48.2

