

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
 Data File : BN021458.D
 Acq On : 30 Aug 2022 16:13
 Operator : CG/JU
 Sample : N4297-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW305D-20220820

Quant Time: Aug 31 01:21:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

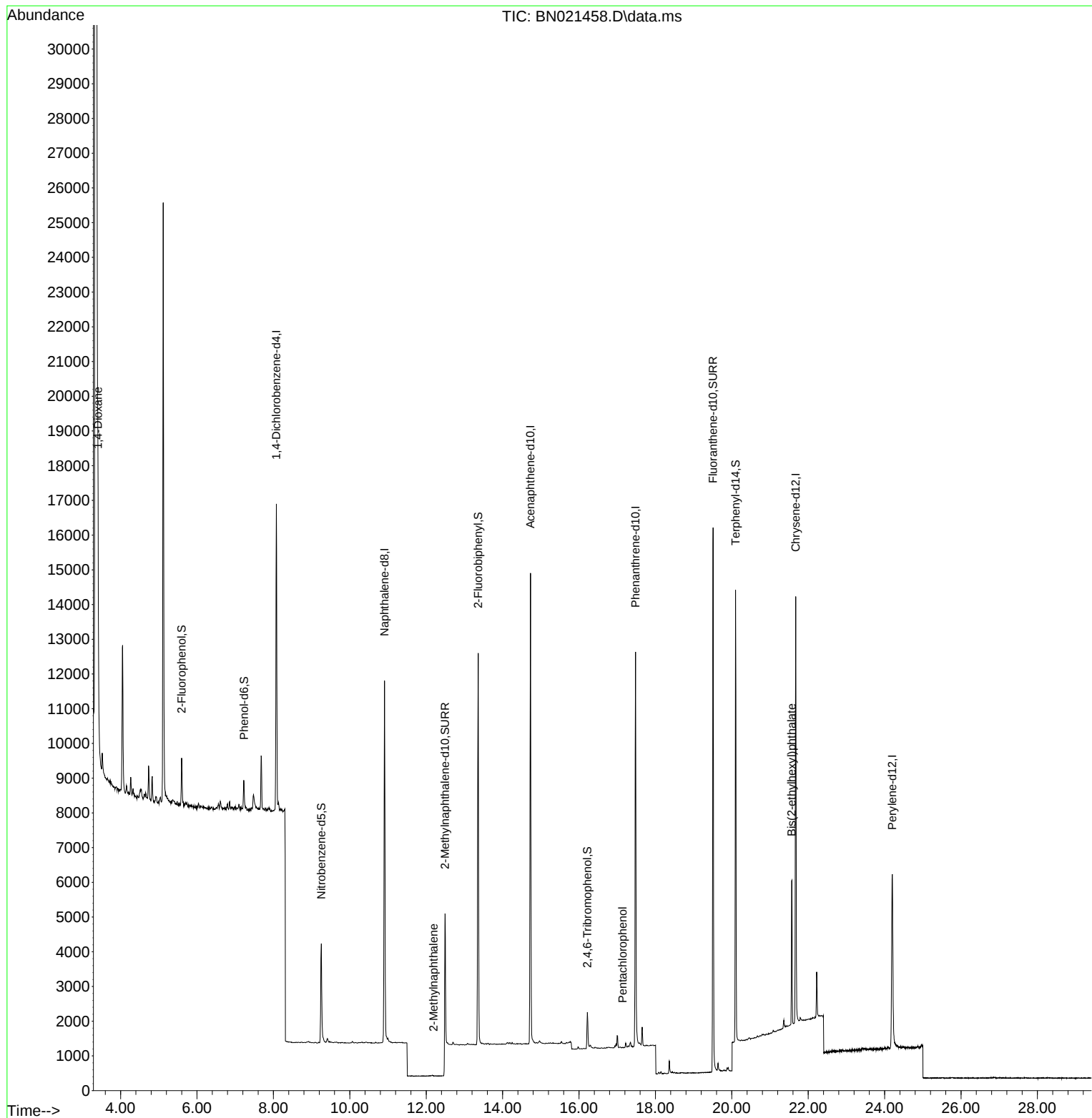
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4416	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	13898	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	7461	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	15758	0.400	ng	0.00
29) Chrysene-d12	21.673	240	11421	0.400	ng	# 0.00
35) Perylene-d12	24.200	264	8322	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1163	0.135	ng	0.00
5) Phenol-d6	7.231	99	860	0.078	ng	0.00
8) Nitrobenzene-d5	9.254	82	2661	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.493	152	9911	0.316	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	664	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	10099	0.310	ng	0.00
27) Fluoranthene-d10	19.510	212	17261	0.426	ng	0.00
31) Terphenyl-d14	20.097	244	11672	0.455	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.411	88	3357	0.608	ng	# 94
12) 2-Methylnaphthalene	12.191	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.142	266	8	0.204	ng	# 45
34) Bis(2-ethylhexyl)phtha...	21.566	149	4414	0.275	ng	# 98

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

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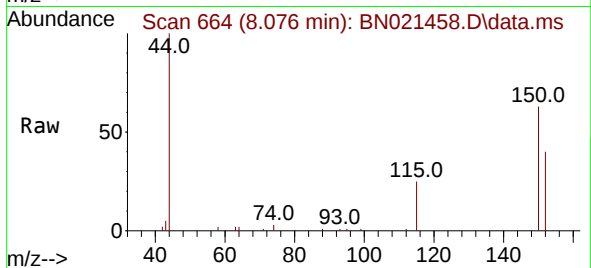
Quant Time: Aug 31 01:21:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration



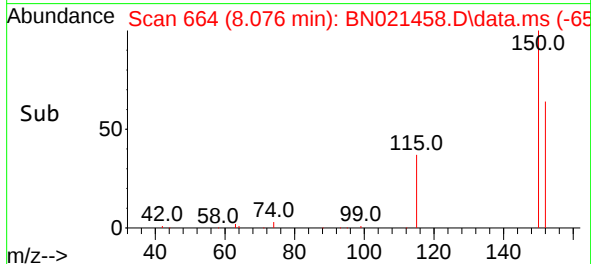
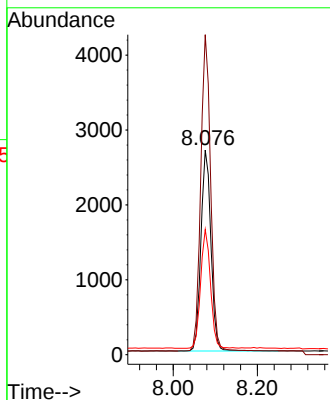


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

Instrument :
BNA_N
ClientSampleId :
MW305D-20220820

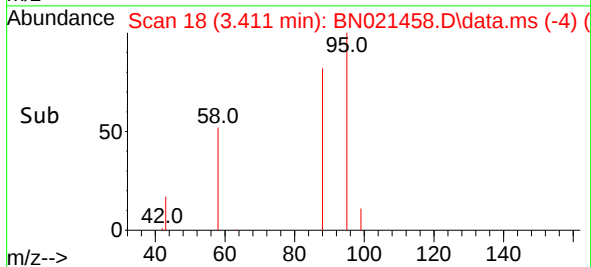
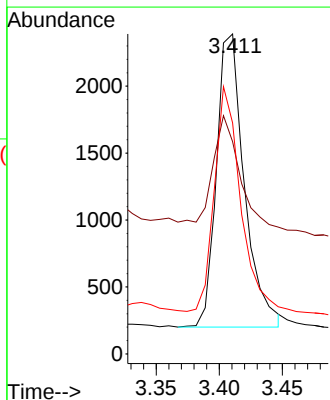
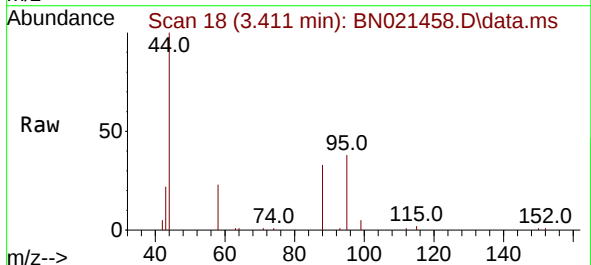


Tgt Ion:152 Resp: 4416
Ion Ratio Lower Upper
152 100
150 156.3 121.4 182.0
115 61.1 48.6 72.8



#2
1,4-Dioxane
Concen: 0.608 ng
RT: 3.411 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

Tgt Ion: 88 Resp: 3357
Ion Ratio Lower Upper
88 100
43 34.8 35.8 53.8#
58 71.7 57.1 85.7

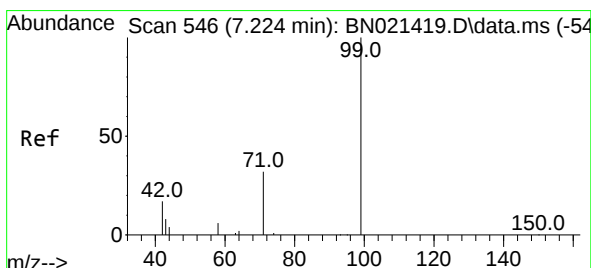
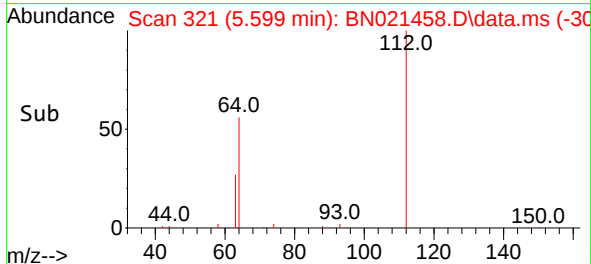
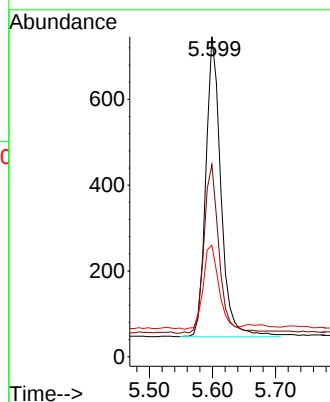
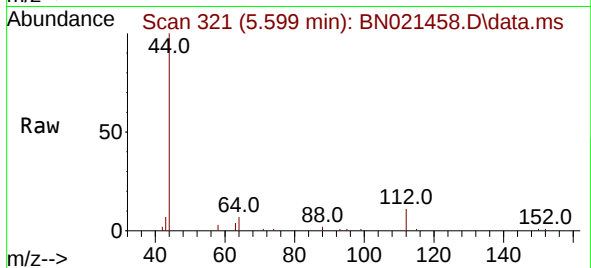




#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.599 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

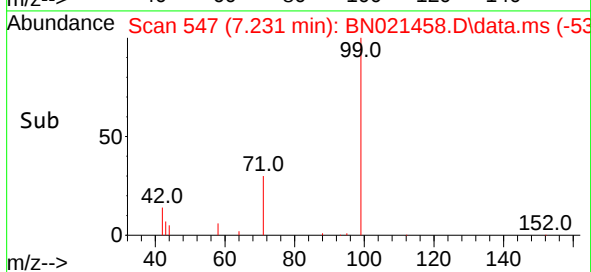
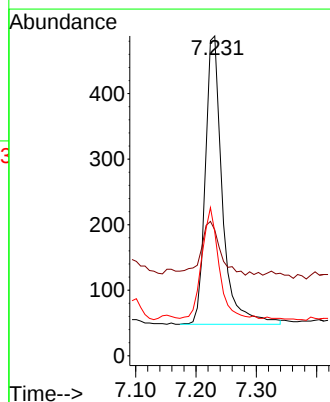
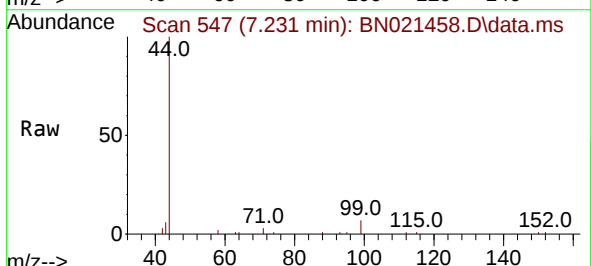
Instrument :
BNA_N
ClientSampleId :
MW305D-20220820

Tgt Ion:112 Resp: 1163
Ion Ratio Lower Upper
112 100
64 56.3 43.5 65.3
63 29.0 22.6 34.0



#5
Phenol-d6
Concen: 0.078 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

Tgt Ion: 99 Resp: 860
Ion Ratio Lower Upper
99 100
42 20.7 15.5 23.3
71 39.3 24.2 36.2#

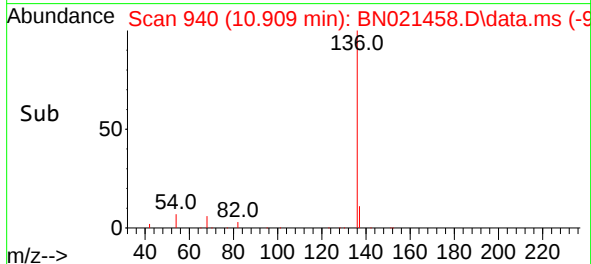
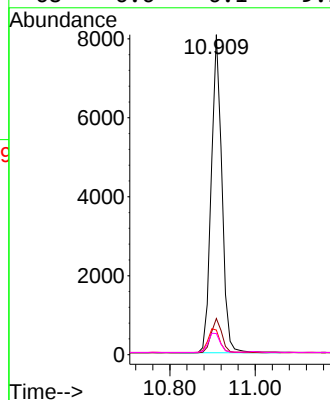
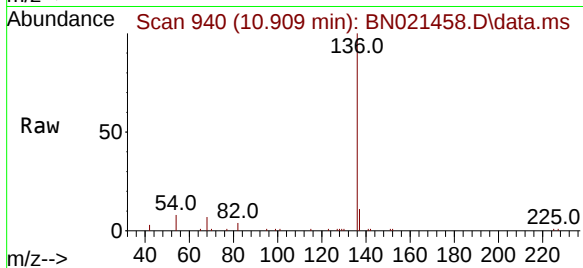




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

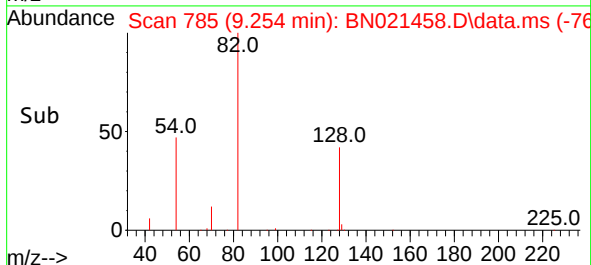
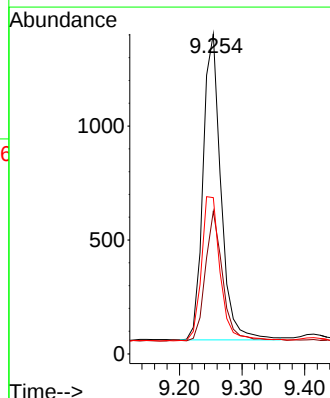
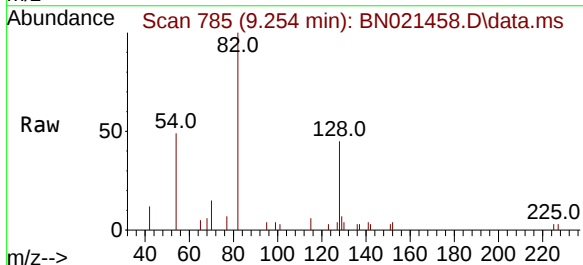
Instrument :
BNA_N
ClientSampleId :
MW305D-20220820

Tgt Ion:	136	Resp:	13898
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	7.7	6.9	10.3
68	6.6	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

Tgt Ion:	82	Resp:	2661
Ion Ratio	Lower	Upper	
82	100		
128	44.6	30.9	46.3
54	48.9	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.316 ng

RT: 12.493 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN021458.D

Acq: 30 Aug 2022 16:13

Instrument :

BNA_N

ClientSampleId :

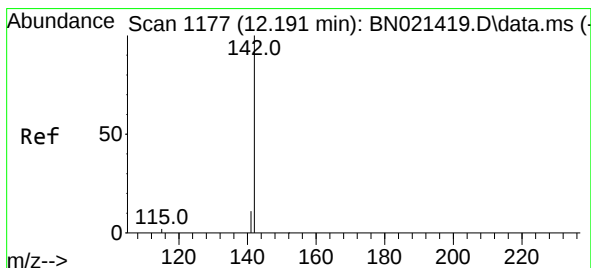
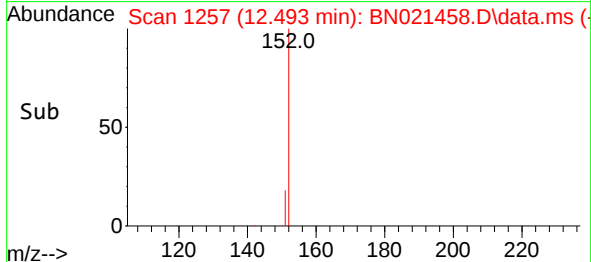
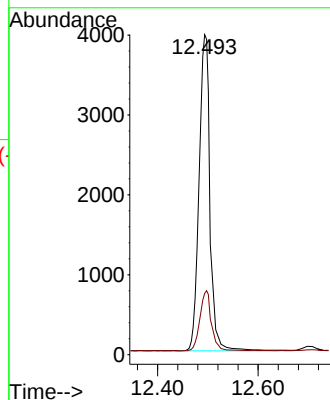
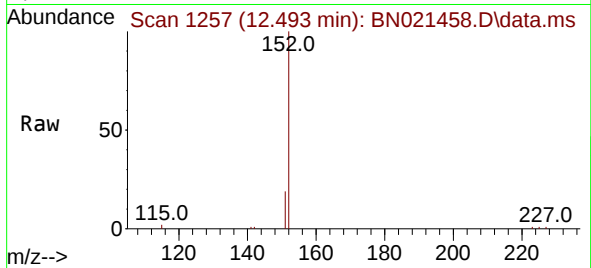
MW305D-20220820

Tgt Ion:152 Resp: 9911

Ion Ratio Lower Upper

152 100

151 16.3 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.191 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BN021458.D

Acq: 30 Aug 2022 16:13

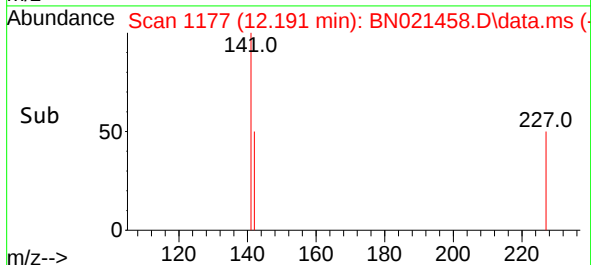
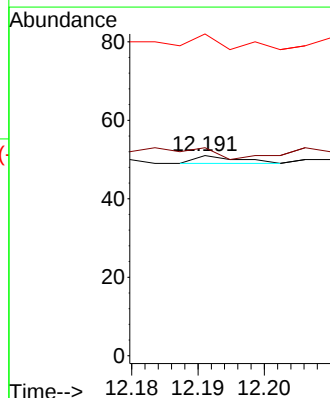
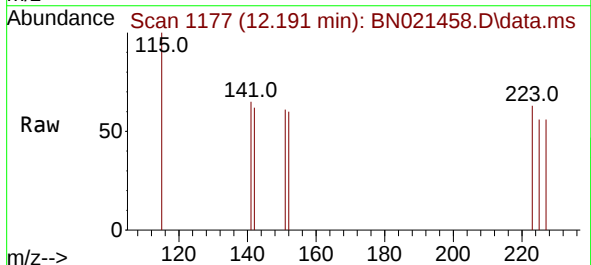
Tgt Ion:142 Resp: 1

Ion Ratio Lower Upper

142 100

141 103.9 12.2 18.2#

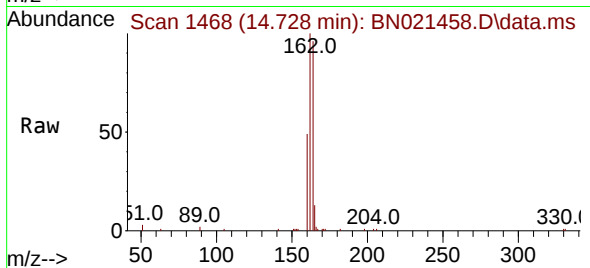
115 160.8 7.9 11.9#



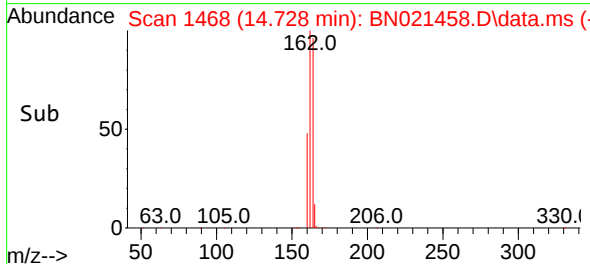
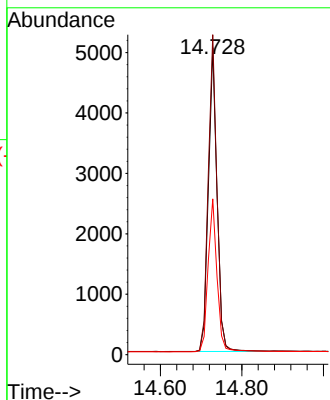


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

Instrument :
BNA_N
ClientSampleId :
MW305D-20220820

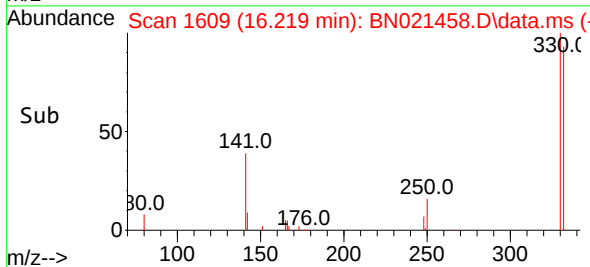
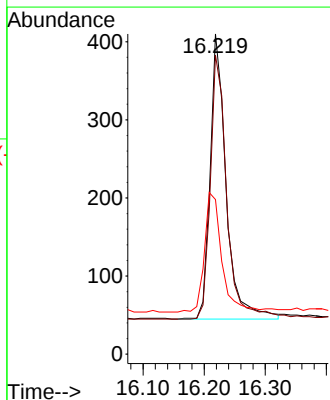
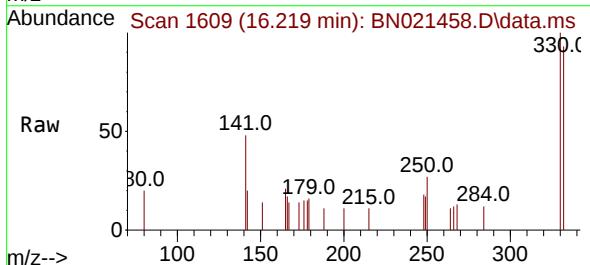


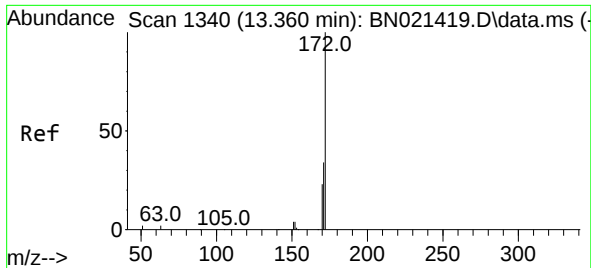
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.4
160	50.8	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	79.3	118.9
141	46.1	37.1	55.7

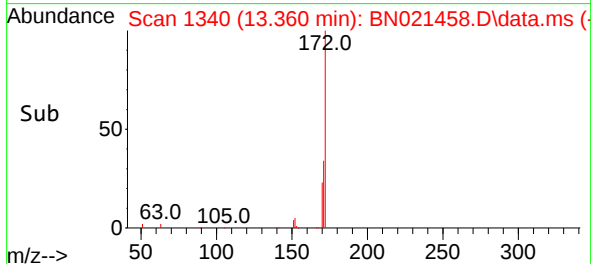
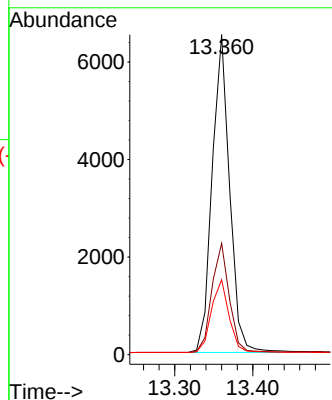
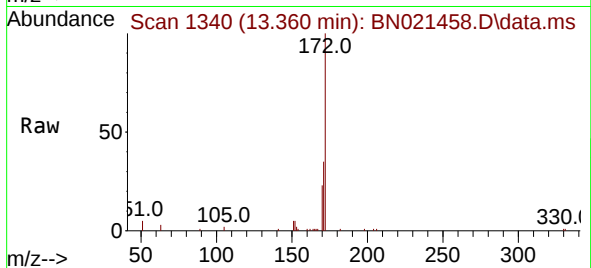




#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 13.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

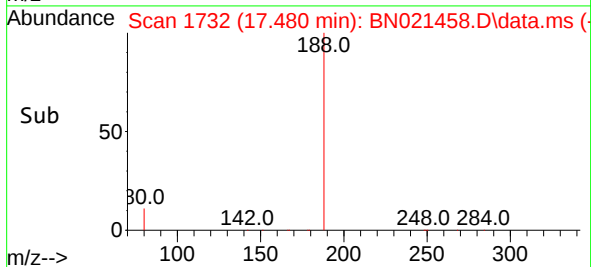
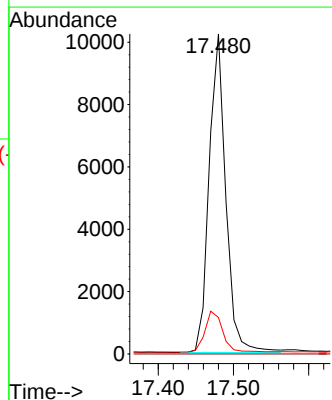
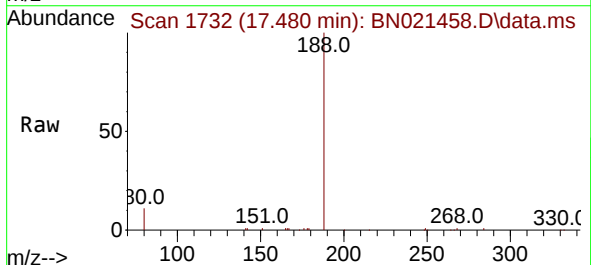
Instrument :
BNA_N
ClientSampleId :
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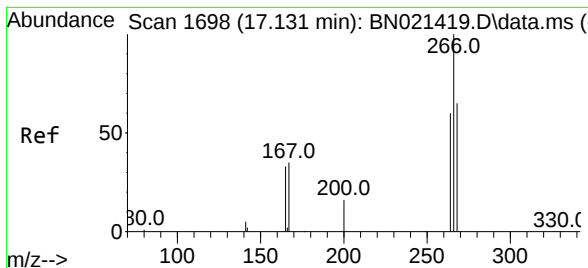
Tgt Ion:172 Resp: 10099
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.4 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

Tgt Ion:188 Resp: 15758
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 9.5 14.3

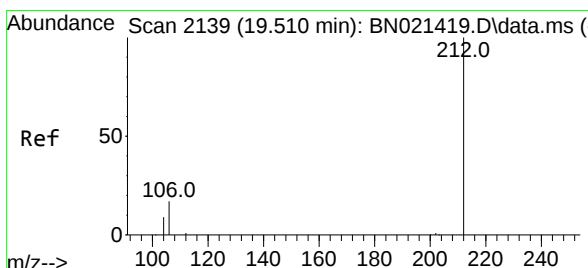
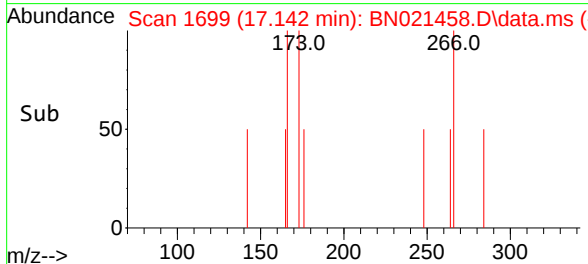
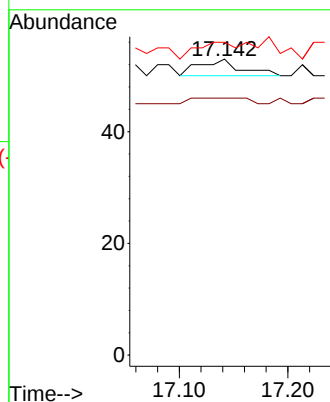
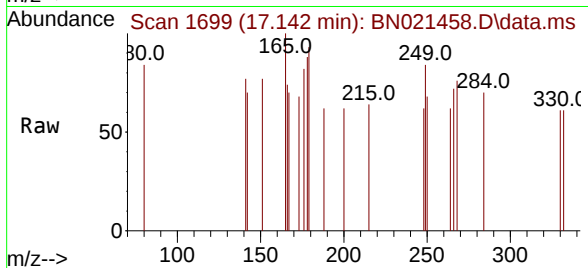




#24
Pentachlorophenol
Concen: 0.204 ng
RT: 17.142 min Scan# 1699
Delta R.T. 0.011 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

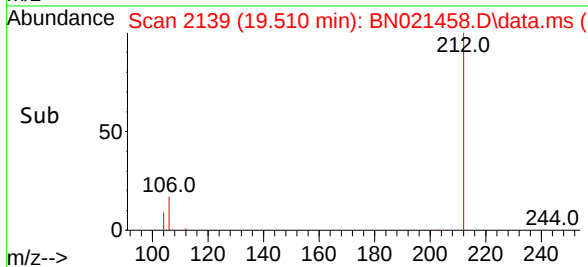
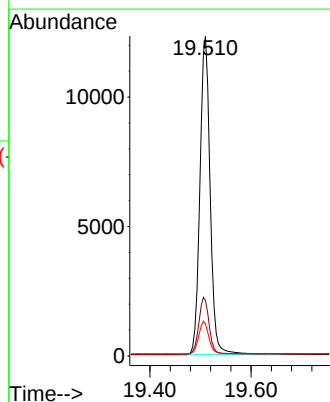
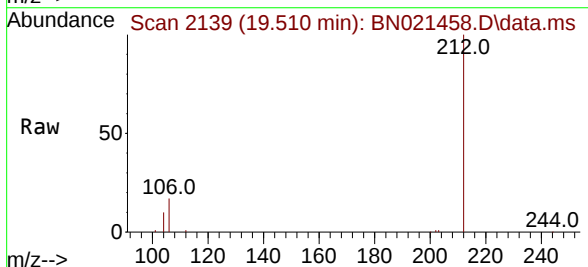
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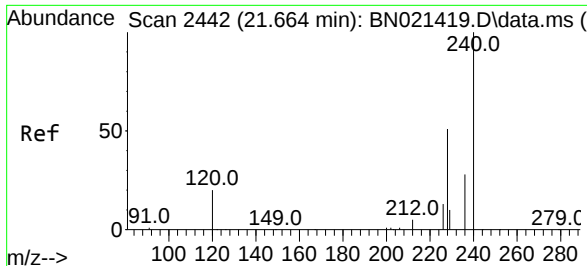
Tgt Ion:266 Resp: 8
Ion Ratio Lower Upper
266 100
264 0.0 49.0 73.6#
268 87.5 50.9 76.3#



#27
Fluoranthene-d10
Concen: 0.426 ng
RT: 19.510 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

Tgt Ion:212 Resp: 17261
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.2 7.8 11.6

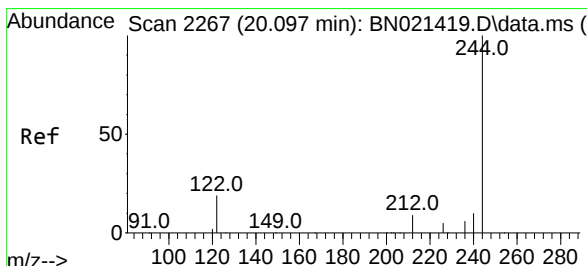
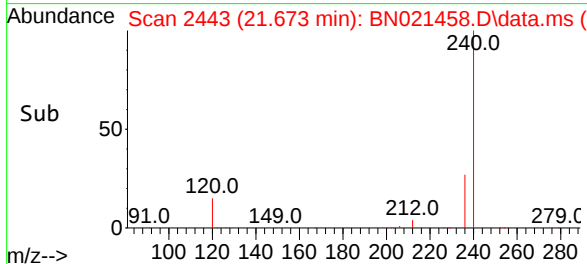
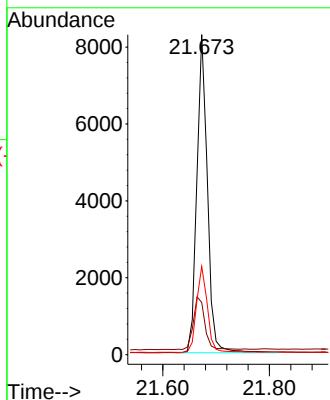
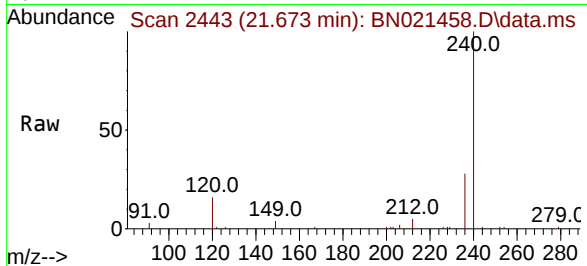




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

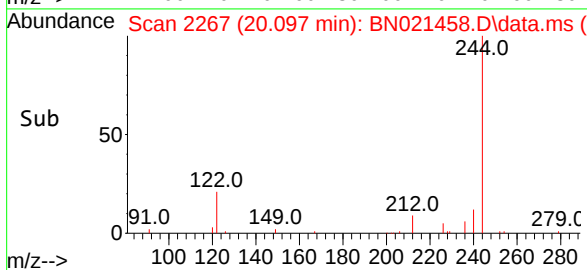
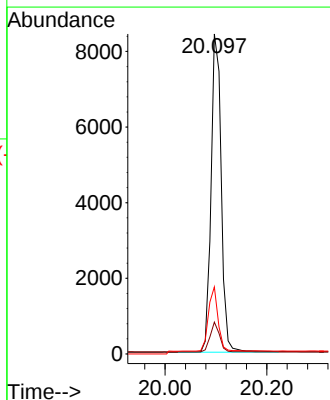
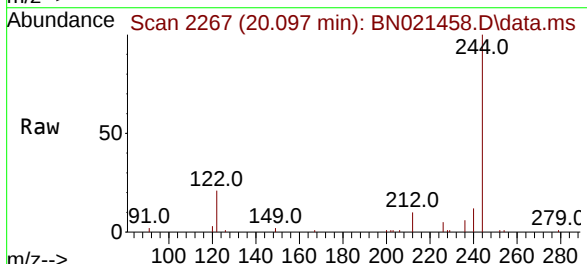
Instrument :
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ClientSampleId :
MW305D-20220820

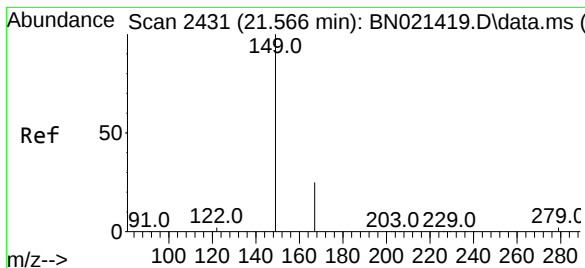
Tgt Ion:240 Resp: 11421
Ion Ratio Lower Upper
240 100
120 16.3 10.2 15.4#
236 27.6 22.1 33.1



#31
Terphenyl-d14
Concen: 0.455 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021458.D
Acq: 30 Aug 2022 16:13

Tgt Ion:244 Resp: 11672
Ion Ratio Lower Upper
244 100
212 10.0 6.5 9.7#
122 20.9 9.1 13.7#

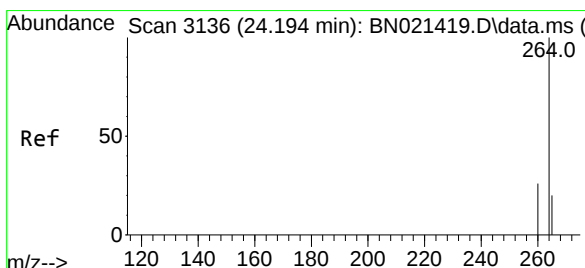
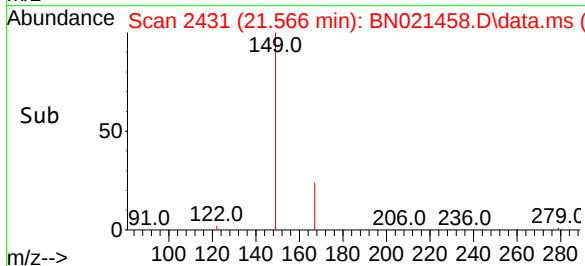
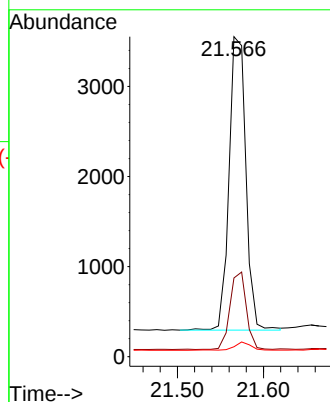
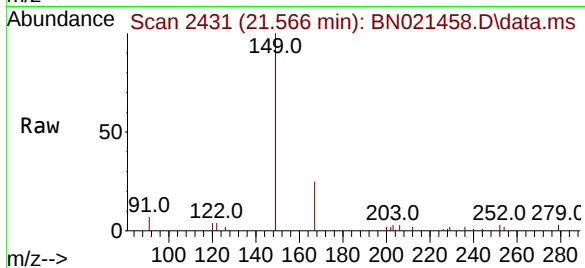




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.275 ng
 RT: 21.566 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021458.D
 Acq: 30 Aug 2022 16:13

Instrument :
 BNA_N
 ClientSampleId :
 MW305D-20220820

Tgt Ion:149 Resp: 4414
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.4 32.0
 279 2.9 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.200 min Scan# 3138
 Delta R.T. 0.006 min
 Lab File: BN021458.D
 Acq: 30 Aug 2022 16:13

Tgt Ion:264 Resp: 8322
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.0 31.6
 265 38.0 32.2 48.2

