

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021441.D
 Acq On : 30 Aug 2022 04:14
 Operator : CG/JU
 Sample : N4280-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20220818

Quant Time: Aug 30 04:42:56 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)

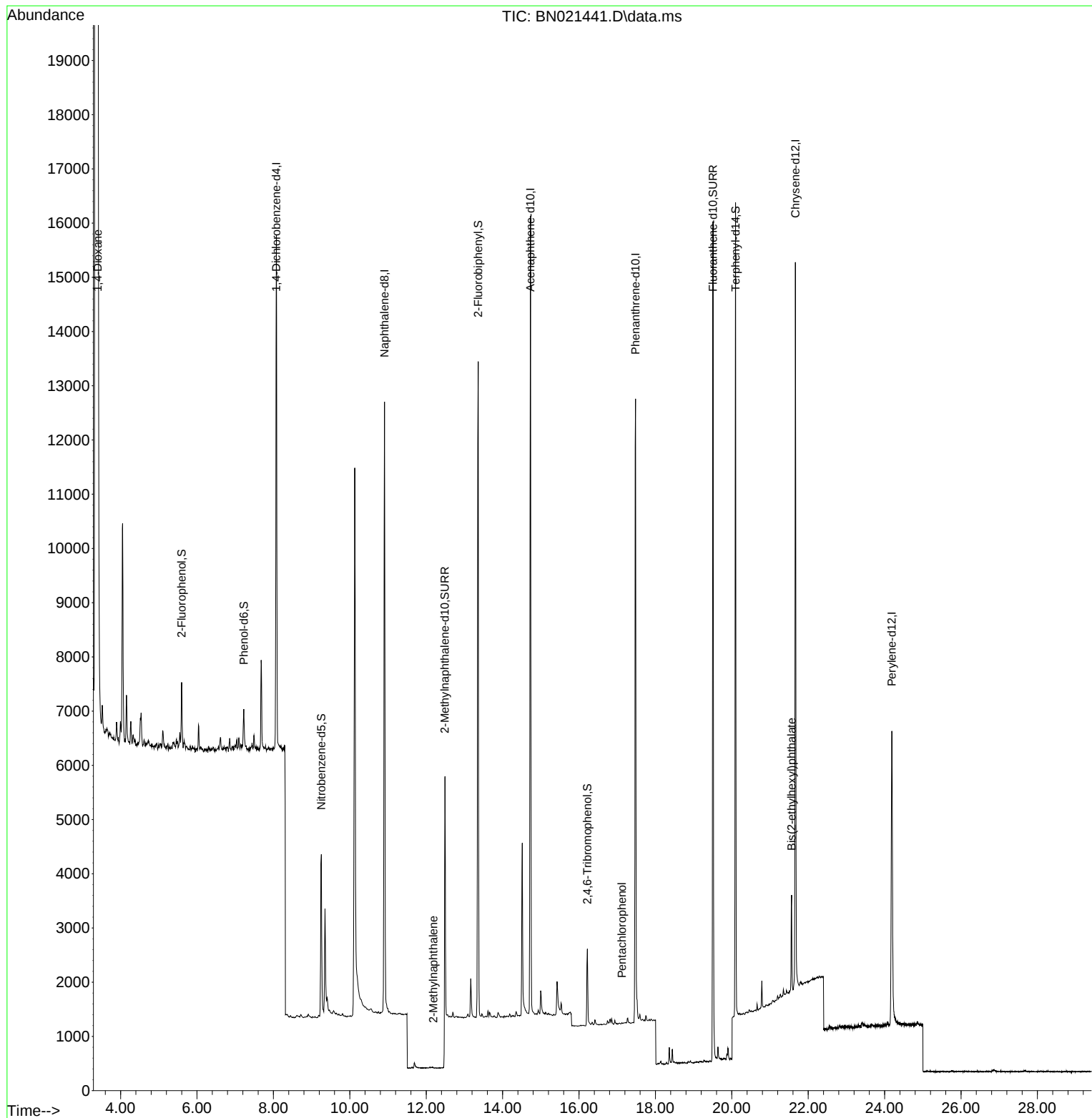
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4693	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	15218	0.400	ng	# 0.00
13) Acenaphthene-d10	14.729	164	8141	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	16647	0.400	ng	0.00
29) Chrysene-d12	21.664	240	12366	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	8835	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1019	0.111	ng	0.00
5) Phenol-d6	7.224	99	715	0.061	ng	0.00
8) Nitrobenzene-d5	9.254	82	2864	0.279	ng	0.00
11) 2-Methylnaphthalene-d10	12.490	152	11681	0.341	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	837	0.313	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	11016	0.310	ng	0.00
27) Fluoranthene-d10	19.506	212	16735	0.391	ng	0.00
31) Terphenyl-d14	20.097	244	12471	0.449	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	15843	2.699	ng	# 89
12) 2-Methylnaphthalene	12.187	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.121	266	14	0.206	ng	# 51
34) Bis(2-ethylhexyl)phtha...	21.566	149	1930	0.111	ng	95

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

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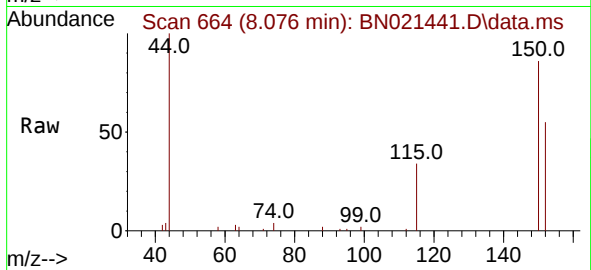
Quant Time: Aug 30 04:42:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
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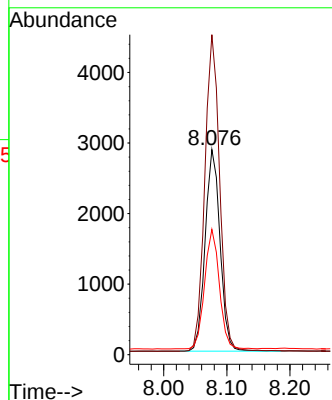
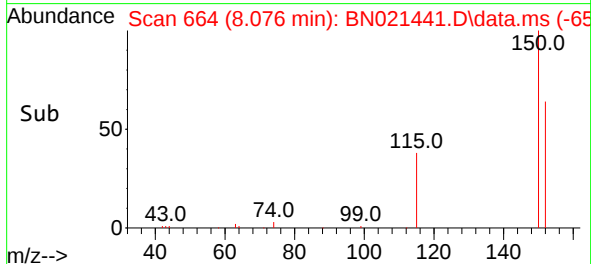


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN021441.D
 Acq: 30 Aug 2022 04:14

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20220818

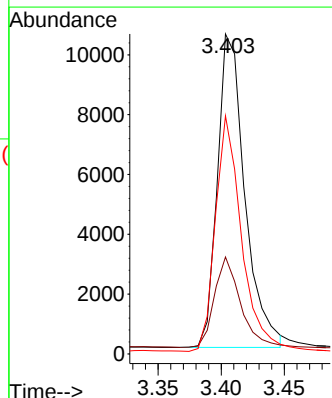
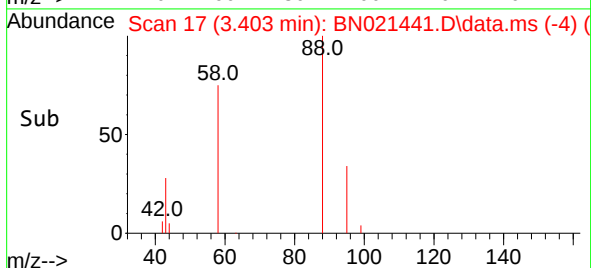
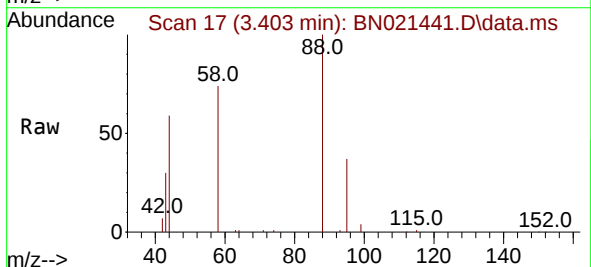


Tgt Ion:152 Resp: 4693
 Ion Ratio Lower Upper
 152 100
 150 156.0 121.4 182.0
 115 61.1 48.6 72.8



#2
 1,4-Dioxane
 Concen: 2.699 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN021441.D
 Acq: 30 Aug 2022 04:14

Tgt Ion: 88 Resp: 15843
 Ion Ratio Lower Upper
 88 100
 43 27.3 35.8 53.8#
 58 71.0 57.1 85.7

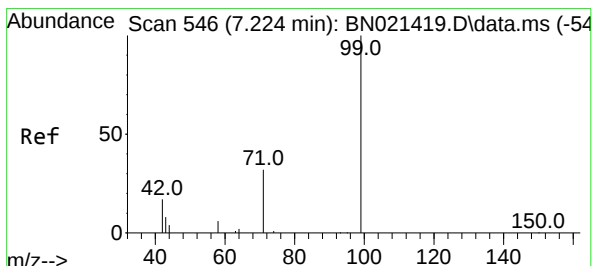
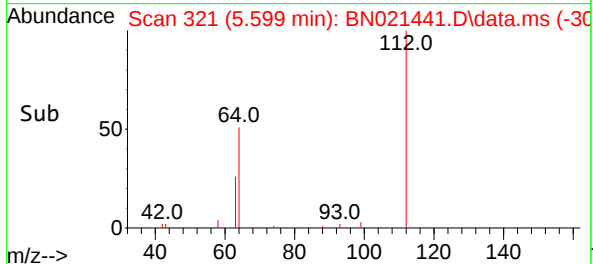
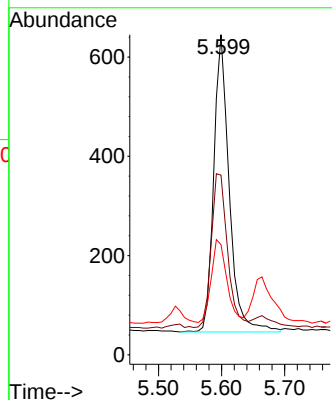
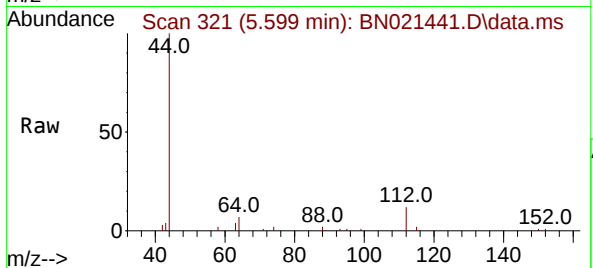




#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021441.D
Acq: 30 Aug 2022 04:14

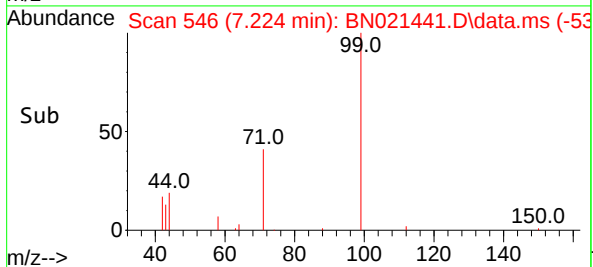
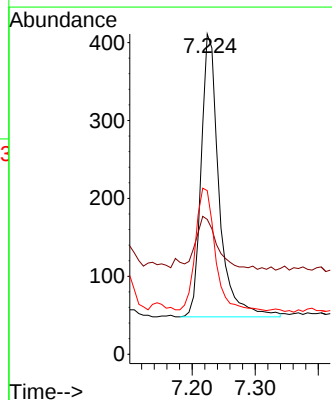
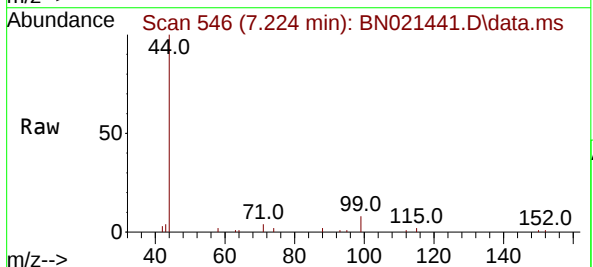
Instrument :
BNA_N
ClientSampleId :
RE122D1-20220818

Tgt Ion:112 Resp: 1019
Ion Ratio Lower Upper
112 100
64 54.4 43.5 65.3
63 28.2 22.6 34.0



#5
Phenol-d6
Concen: 0.061 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021441.D
Acq: 30 Aug 2022 04:14

Tgt Ion: 99 Resp: 715
Ion Ratio Lower Upper
99 100
42 22.0 15.5 23.3
71 47.6 24.2 36.2#

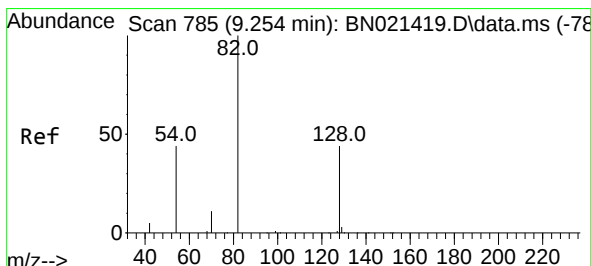
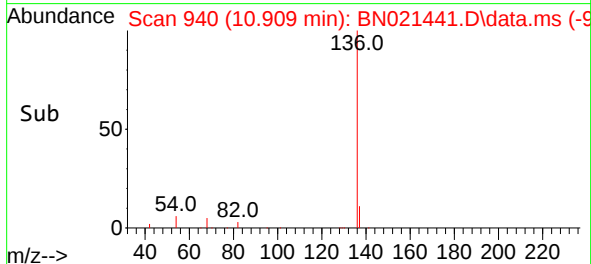
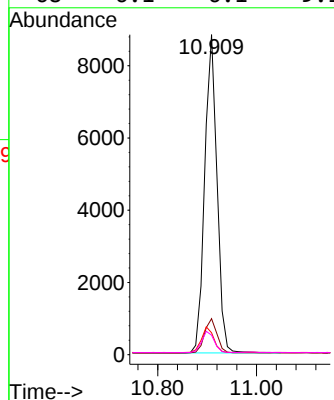
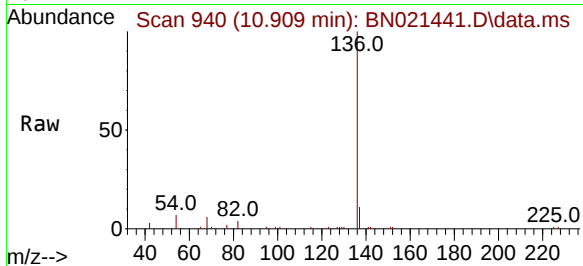




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021441.D
Acq: 30 Aug 2022 04:14

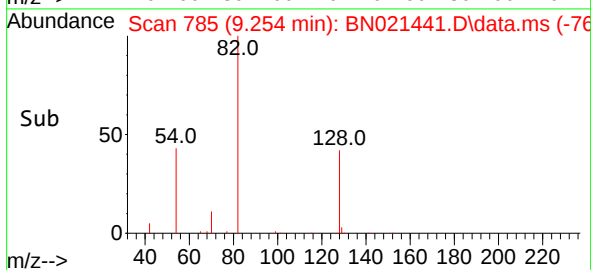
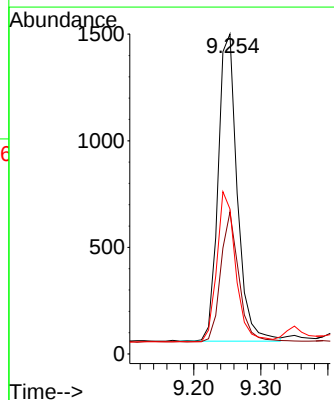
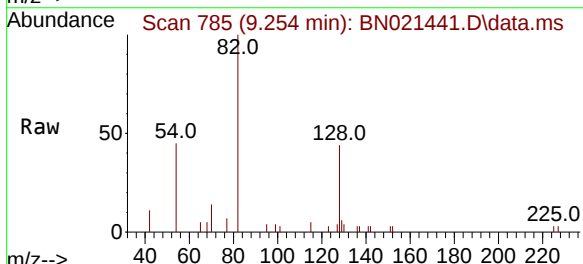
Instrument :
BNA_N
ClientSampleId :
RE122D1-20220818

Tgt Ion:	136	Resp:	15218
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.9	6.9	10.3
68	6.1	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021441.D
Acq: 30 Aug 2022 04:14

Tgt Ion:	82	Resp:	2864
Ion	Ratio	Lower	Upper
82	100		
128	44.4	30.9	46.3
54	45.3	42.7	64.1

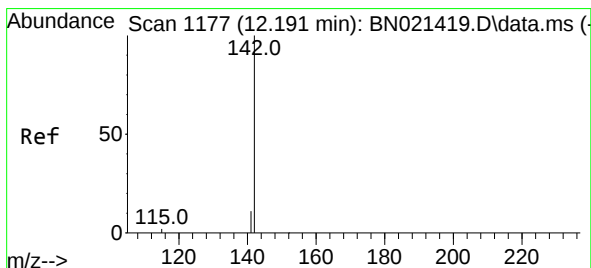
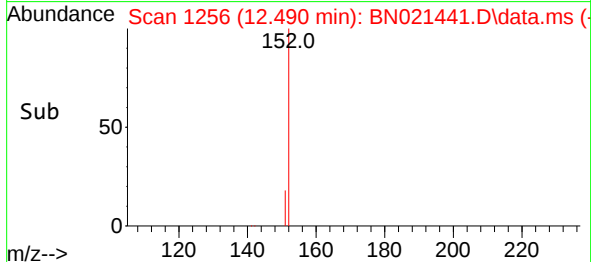
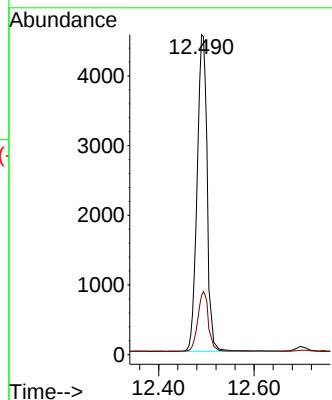
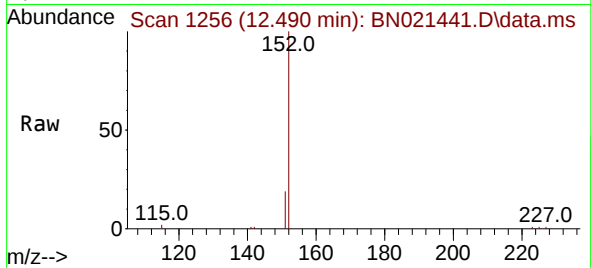




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.490 min Scan# 11681
Delta R.T. -0.007 min
Lab File: BN021441.D
Acq: 30 Aug 2022 04:14

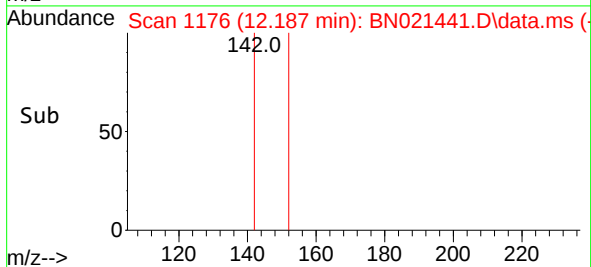
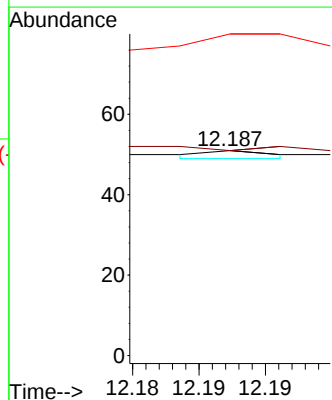
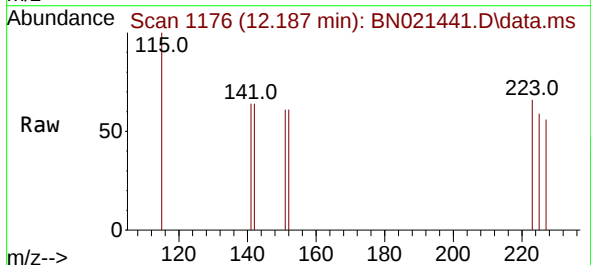
Instrument :
BNA_N
ClientSampleId :
RE122D1-20220818

Tgt Ion:152 Resp: 11681
Ion Ratio Lower Upper
152 100
151 16.5 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: BN021441.D
Acq: 30 Aug 2022 04:14

Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 100.0 12.2 18.2#
115 156.9 7.9 11.9#

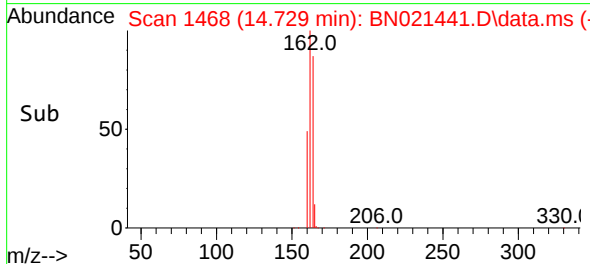
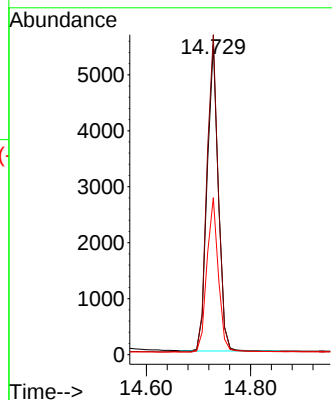
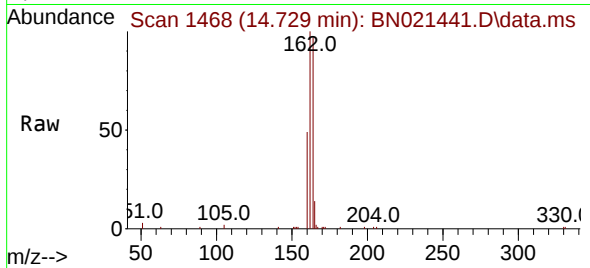




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.001 min
Lab File: BN021441.D
Acq: 30 Aug 2022 04:14

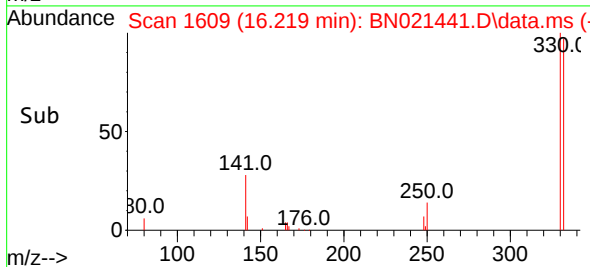
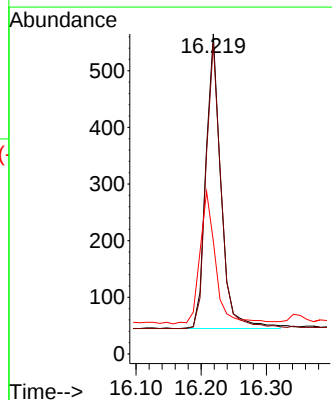
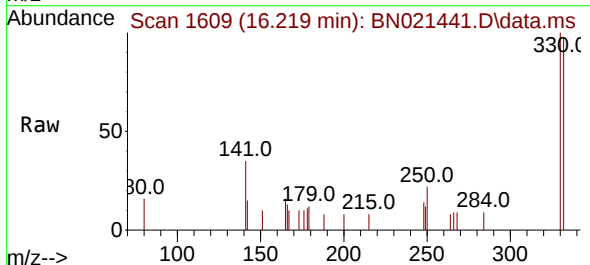
Instrument :
BNA_N
ClientSampleId :
RE122D1-20220818

Tgt Ion:164 Resp: 8141
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.4
160 50.6 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021441.D
Acq: 30 Aug 2022 04:14

Tgt Ion:330 Resp: 837
Ion Ratio Lower Upper
330 100
332 96.8 79.3 118.9
141 47.1 37.1 55.7

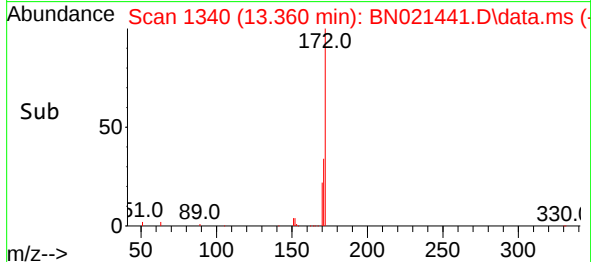
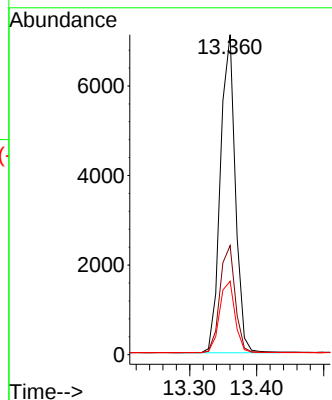
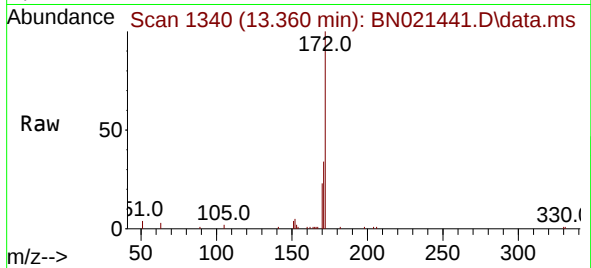




#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 13.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021441.D
Acq: 30 Aug 2022 04:14

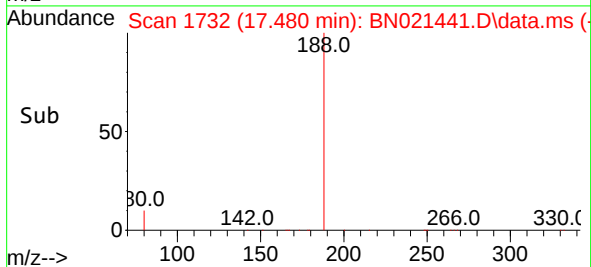
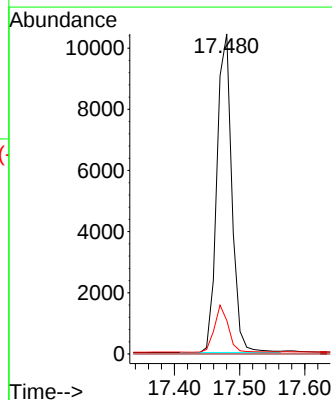
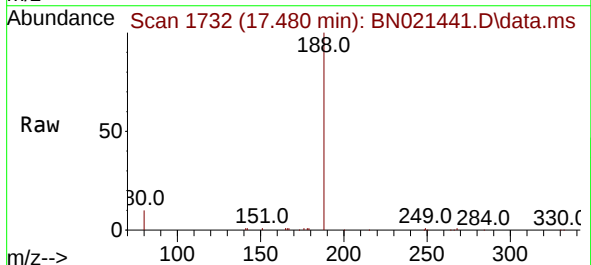
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BNA_N
ClientSampleId :
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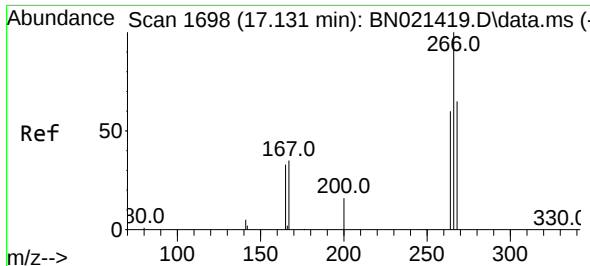
Tgt Ion:172 Resp: 11016
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.6
170 23.0 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021441.D
Acq: 30 Aug 2022 04:14

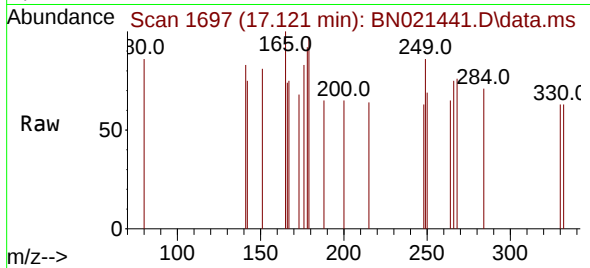
Tgt Ion:188 Resp: 16647
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 9.5 14.3



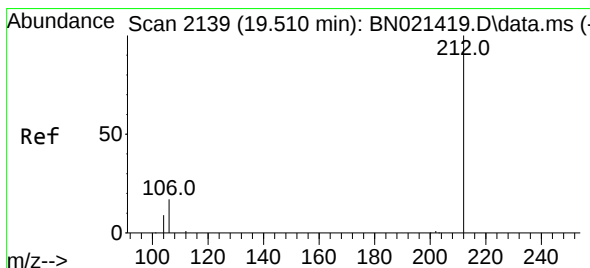
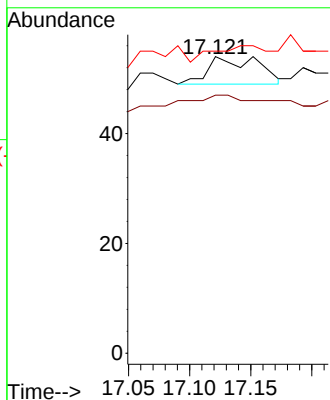
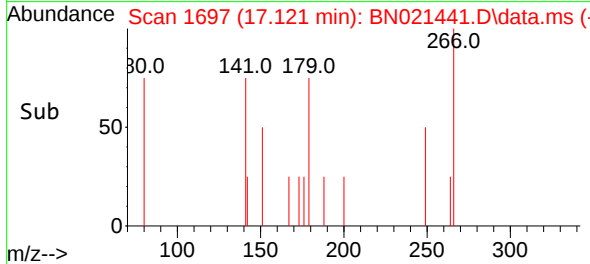


#24
Pentachlorophenol
Concen: 0.206 ng
RT: 17.121 min Scan# 1697
Delta R.T. -0.010 min
Lab File: BN021441.D
Acq: 30 Aug 2022 04:14

Instrument :
BNA_N
ClientSampleId :
RE122D1-20220818

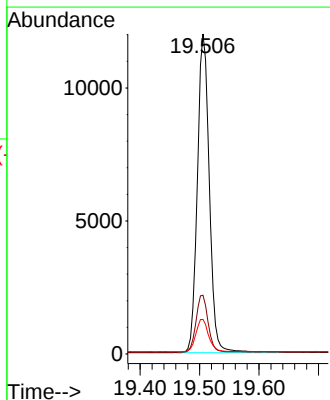
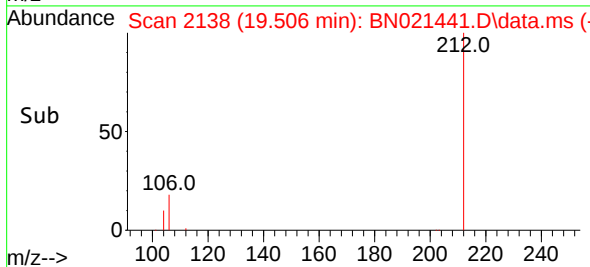
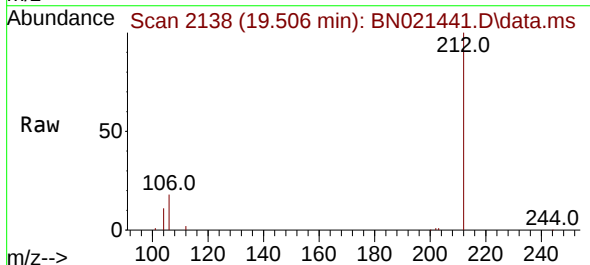


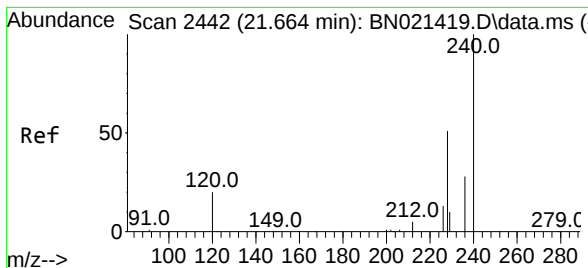
Tgt Ion:266	Resp:	14
Ion Ratio	Lower	Upper
266	100	
264	50.0	49.0 73.6
268	0.0	50.9 76.3



#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021441.D
Acq: 30 Aug 2022 04:14

Tgt Ion:212	Resp:	16735
Ion Ratio	Lower	Upper
212	100	
106	18.2	14.2 21.2
104	10.8	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: BN021441.D

Acq: 30 Aug 2022 04:14

Instrument :

BNA_N

ClientSampleId :

RE122D1-20220818

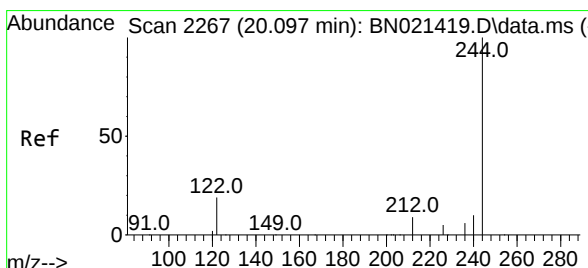
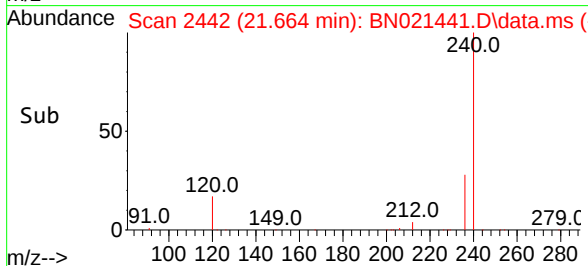
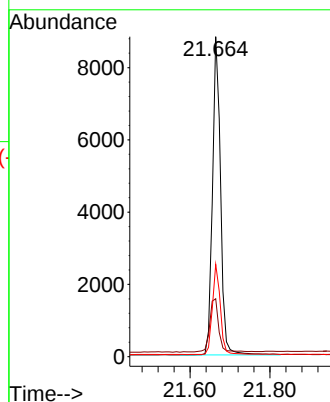
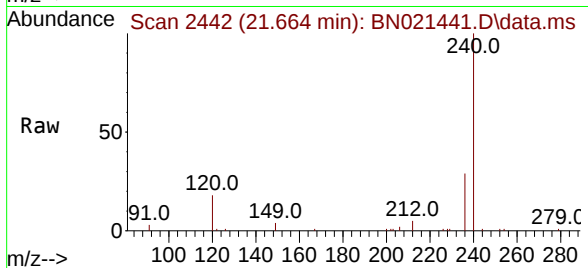
Tgt Ion:240 Resp: 12366

Ion Ratio Lower Upper

240 100

120 18.1 10.2 15.4#

236 28.9 22.1 33.1



#31

Terphenyl-d14

Concen: 0.449 ng

RT: 20.097 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BN021441.D

Acq: 30 Aug 2022 04:14

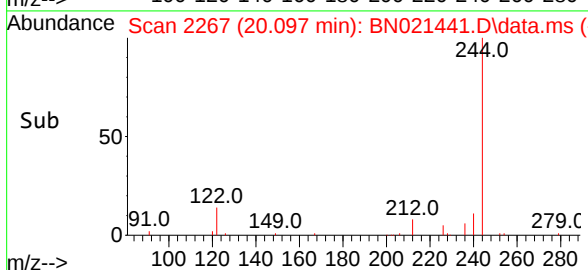
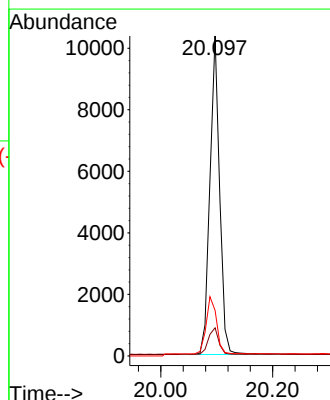
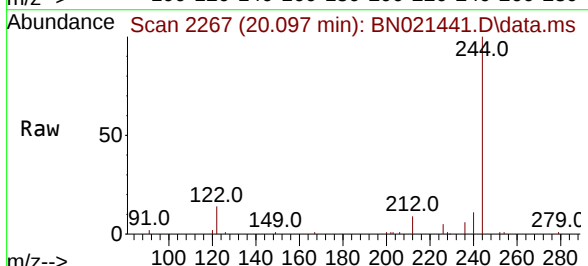
Tgt Ion:244 Resp: 12471

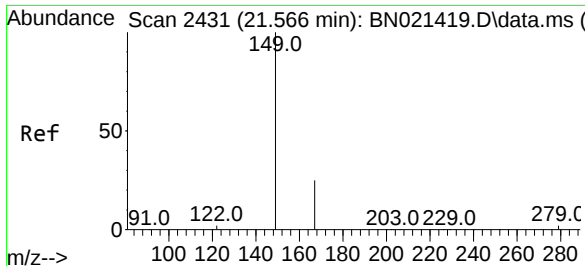
Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

122 14.2 9.1 13.7#

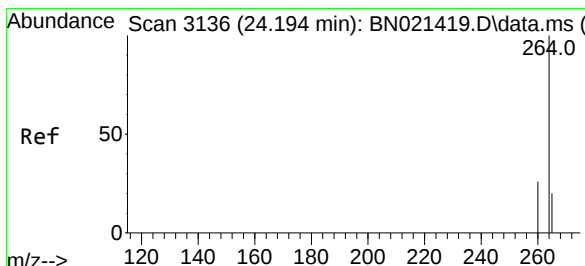
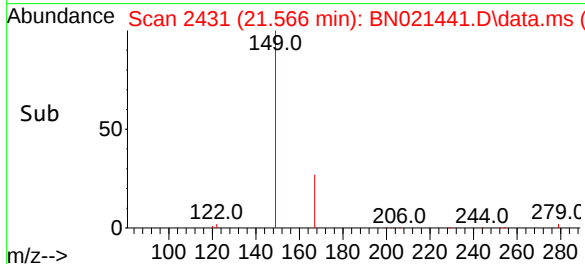
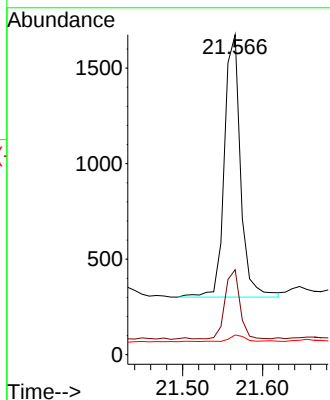
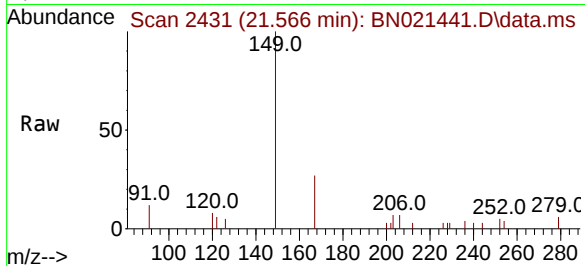




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.111 ng
 RT: 21.566 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021441.D
 Acq: 30 Aug 2022 04:14

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20220818

Tgt Ion:149 Resp: 1930
 Ion Ratio Lower Upper
 149 100
 167 24.0 21.4 32.0
 279 2.8 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.188 min Scan# 3134
 Delta R.T. -0.006 min
 Lab File: BN021441.D
 Acq: 30 Aug 2022 04:14

Tgt Ion:264 Resp: 8835
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.0 31.6
 265 35.3 32.2 48.2

