

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021443.D
 Acq On : 30 Aug 2022 05:29
 Operator : CG/JU
 Sample : N4281-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20220819

Quant Time: Aug 30 06:03:52 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)

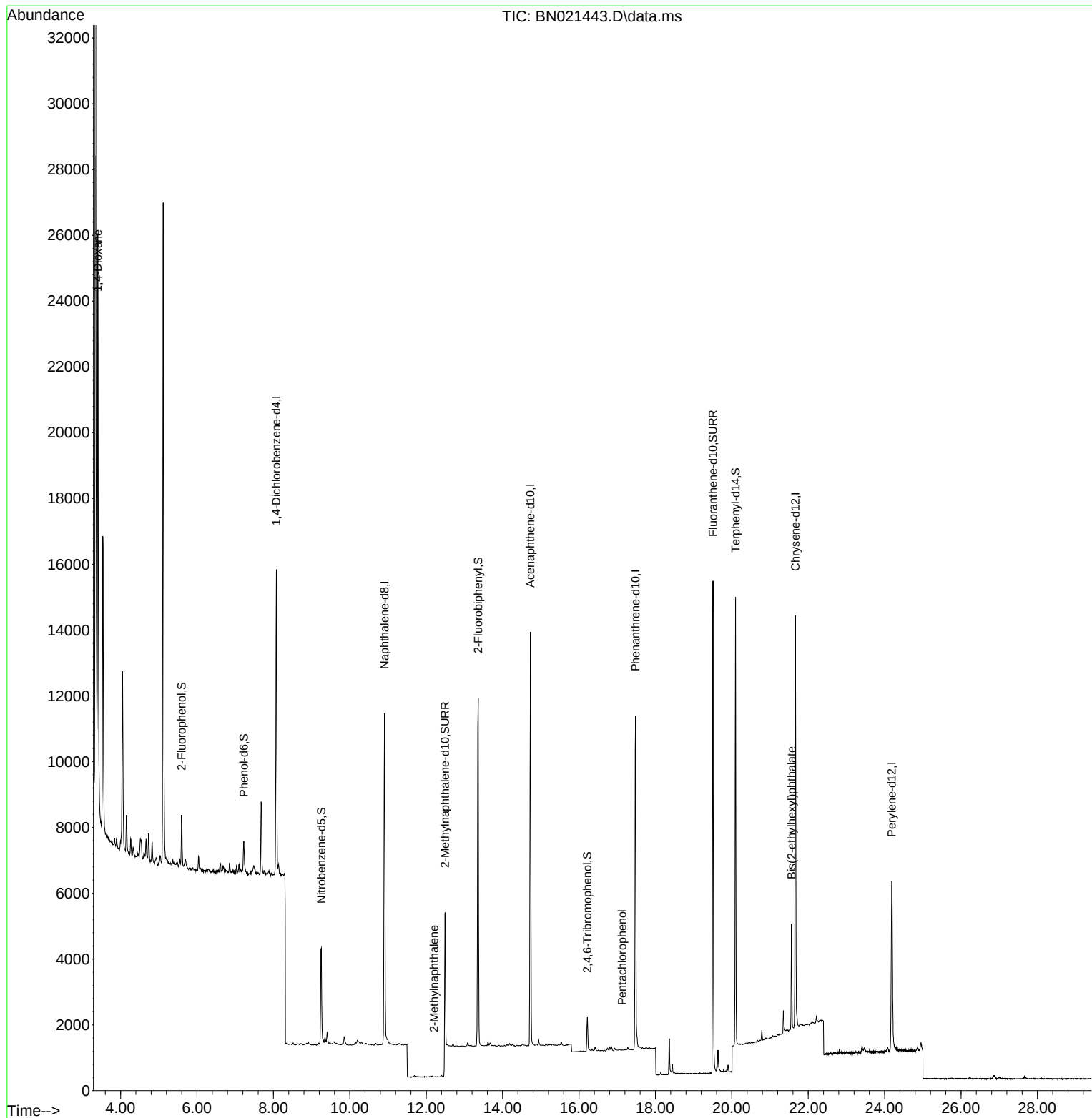
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4505	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	13928	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	7074	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	14817	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11498	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	8437	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1308	0.148	ng	0.00
5) Phenol-d6	7.224	99	970	0.086	ng	0.00
8) Nitrobenzene-d5	9.254	82	2796	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.493	152	10605	0.338	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	633	0.273	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	10027	0.324	ng	0.00
27) Fluoranthene-d10	19.505	212	15759	0.414	ng	0.00
31) Terphenyl-d14	20.097	244	10989	0.425	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	11280	2.002	ng	# 90
12) 2-Methylnaphthalene	12.202	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	15	0.207	ng	# 54
34) Bis(2-ethylhexyl)phtha...	21.565	149	3133	0.194	ng	# 98

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

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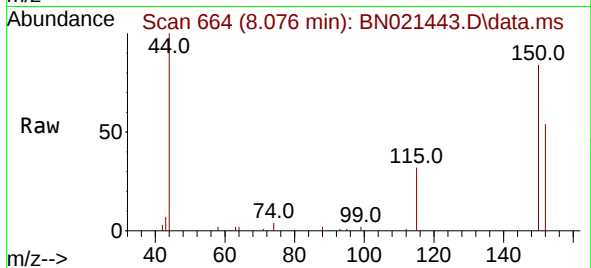
Quant Time: Aug 30 06:03:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
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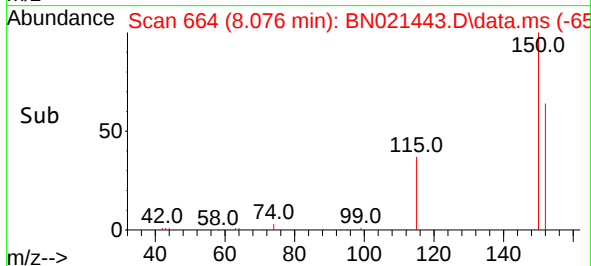
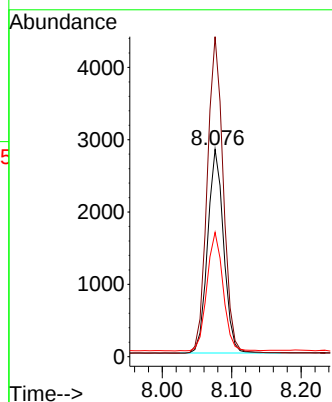


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021443.D
Acq: 30 Aug 2022 05:29

Instrument :
BNA_N
ClientSampleId :
RE132D1-20220819

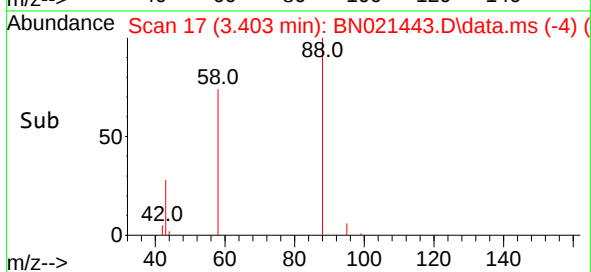
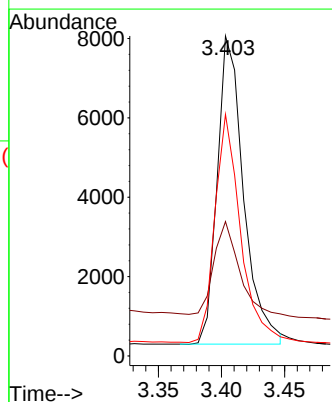
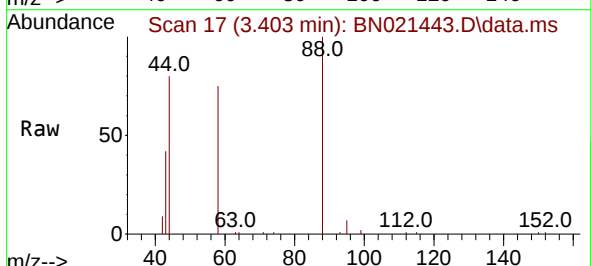


Tgt Ion:152 Resp: 4505
Ion Ratio Lower Upper
152 100
150 154.3 121.4 182.0
115 59.9 48.6 72.8



#2
1,4-Dioxane
Concen: 2.002 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.007 min
Lab File: BN021443.D
Acq: 30 Aug 2022 05:29

Tgt Ion: 88 Resp: 11280
Ion Ratio Lower Upper
88 100
43 28.2 35.8 53.8#
58 71.2 57.1 85.7





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.599 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN021443.D

Acq: 30 Aug 2022 05:29

Instrument :

BNA_N

ClientSampleId :

RE132D1-20220819

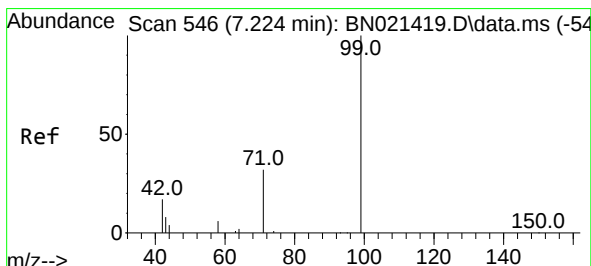
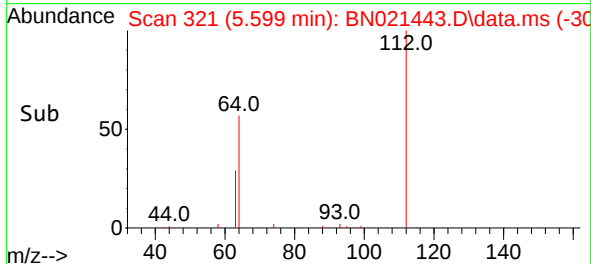
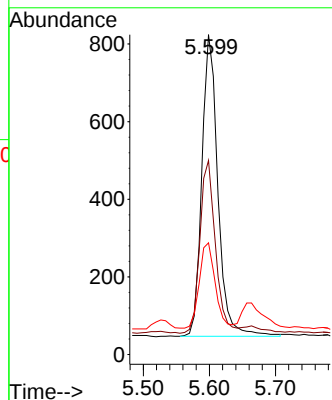
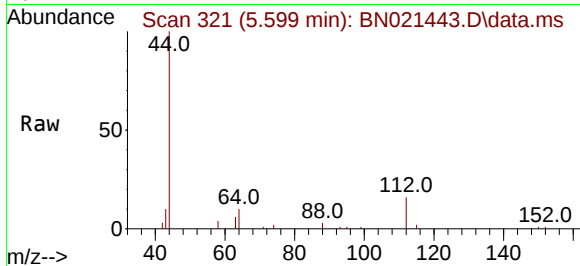
Tgt Ion:112 Resp: 1308

Ion Ratio Lower Upper

112 100

64 55.5 43.5 65.3

63 28.0 22.6 34.0



#5

Phenol-d6

Concen: 0.086 ng

RT: 7.224 min Scan# 546

Delta R.T. -0.000 min

Lab File: BN021443.D

Acq: 30 Aug 2022 05:29

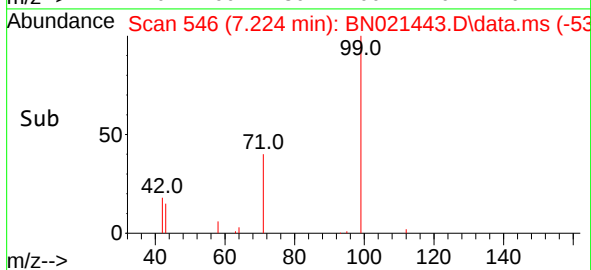
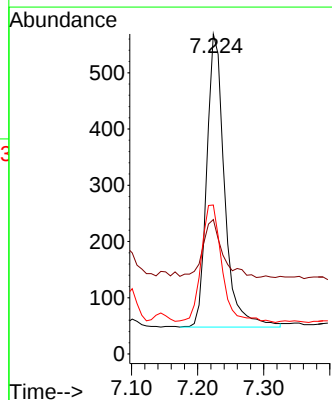
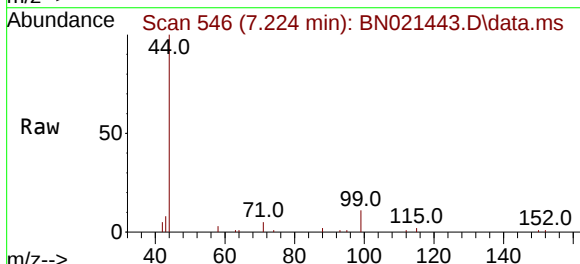
Tgt Ion: 99 Resp: 970

Ion Ratio Lower Upper

99 100

42 21.1 15.5 23.3

71 47.3 24.2 36.2#

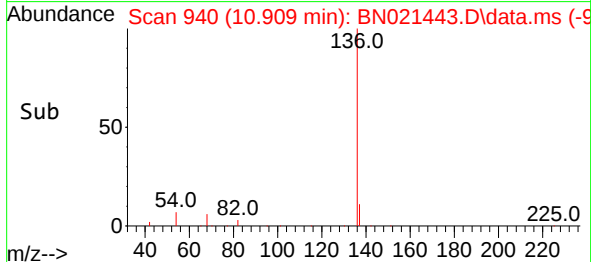
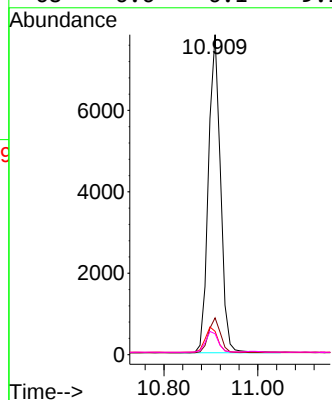
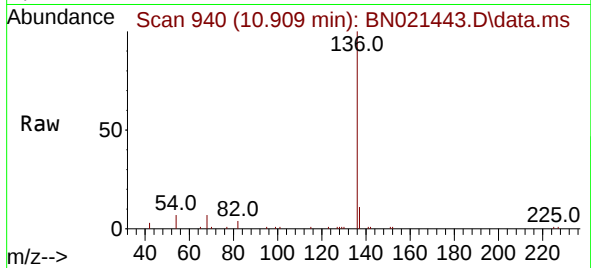




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021443.D
Acq: 30 Aug 2022 05:29

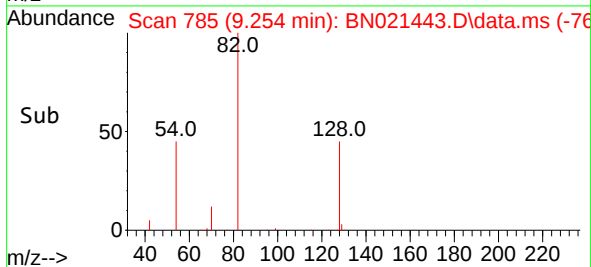
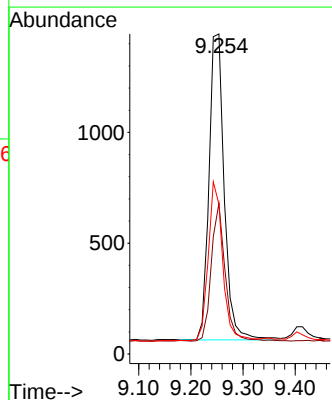
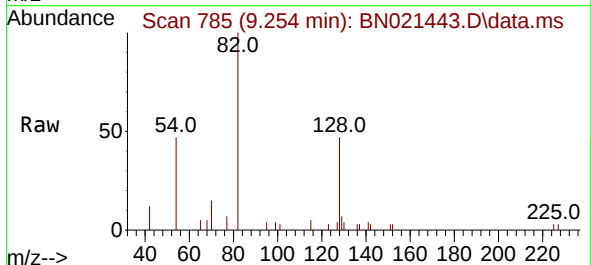
Instrument :
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RE132D1-20220819

Tgt Ion:	136	Resp:	13928
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	7.3	6.9	10.3
68	6.6	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021443.D
Acq: 30 Aug 2022 05:29

Tgt Ion:	82	Resp:	2796
Ion Ratio	Lower	Upper	
82	100		
128	47.1	30.9	46.3
54	46.7	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.338 ng

RT: 12.493 min Scan# 1180

Delta R.T. -0.004 min

Lab File: BN021443.D

Acq: 30 Aug 2022 05:29

Instrument :

BNA_N

ClientSampleId :

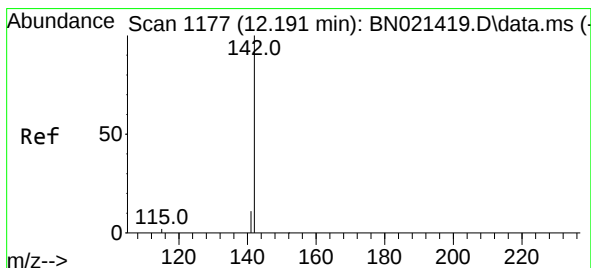
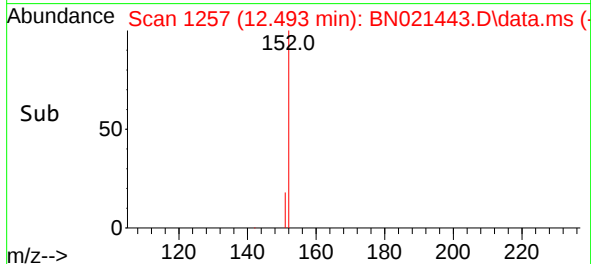
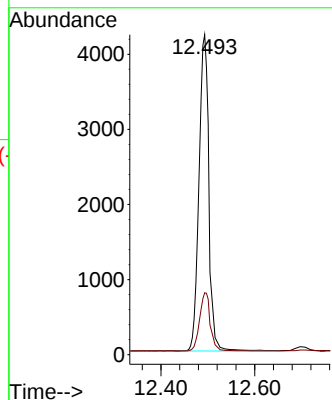
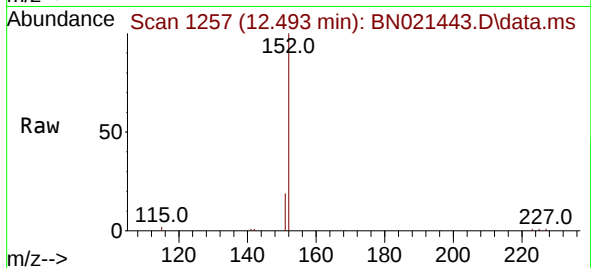
RE132D1-20220819

Tgt Ion:152 Resp: 10605

Ion Ratio Lower Upper

152 100

151 17.4 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.202 min Scan# 1180

Delta R.T. 0.011 min

Lab File: BN021443.D

Acq: 30 Aug 2022 05:29

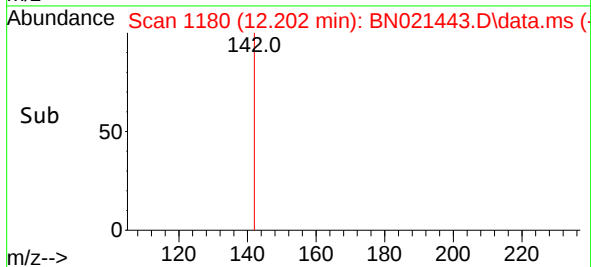
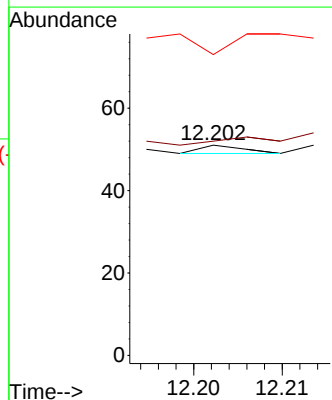
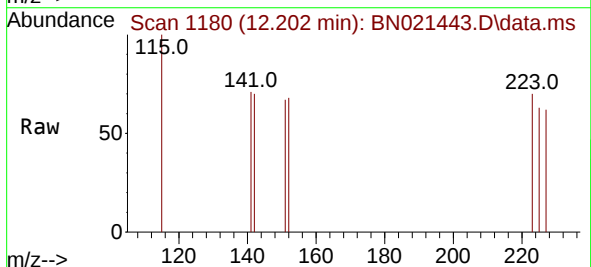
Tgt Ion:142 Resp: 1

Ion Ratio Lower Upper

142 100

141 102.0 12.2 18.2#

115 143.1 7.9 11.9#

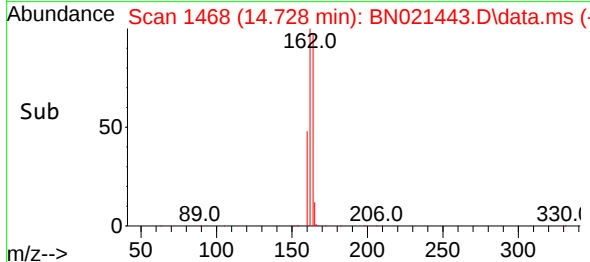
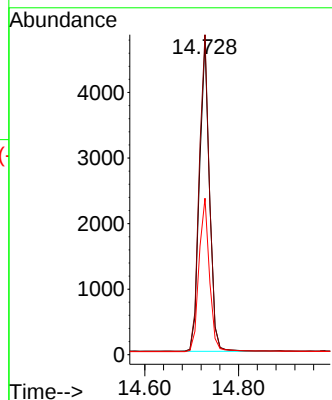
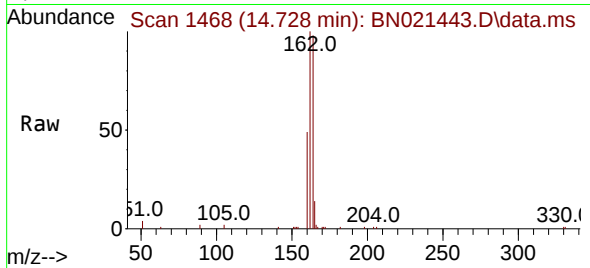




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.728 min Scan# 1468
 Delta R.T. 0.000 min
 Lab File: BN021443.D
 Acq: 30 Aug 2022 05:29

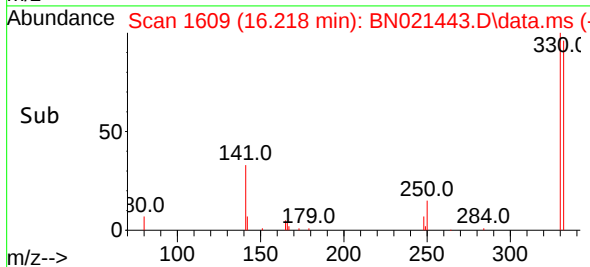
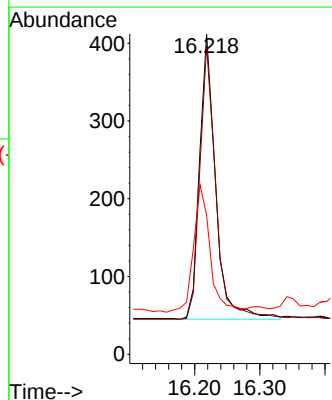
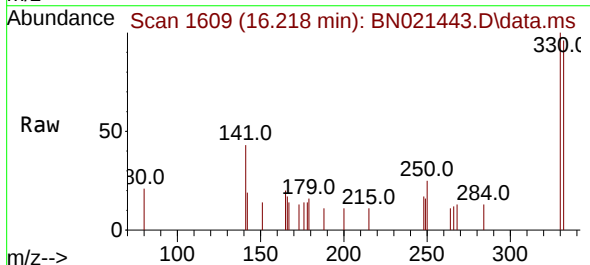
Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20220819

Tgt Ion:	164	Resp:	7074
Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.4
160	50.0	39.5	59.3



#14
 2,4,6-Tribromophenol
 Concen: 0.273 ng
 RT: 16.218 min Scan# 1609
 Delta R.T. 0.000 min
 Lab File: BN021443.D
 Acq: 30 Aug 2022 05:29

Tgt Ion:	330	Resp:	633
Ion	Ratio	Lower	Upper
330	100		
332	95.4	79.3	118.9
141	46.1	37.1	55.7

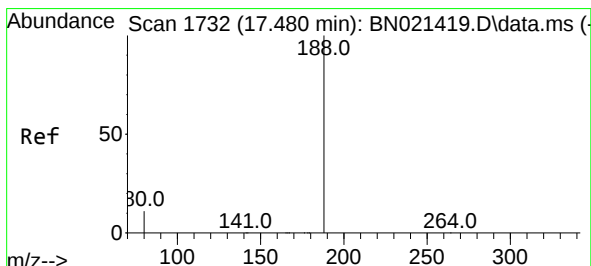
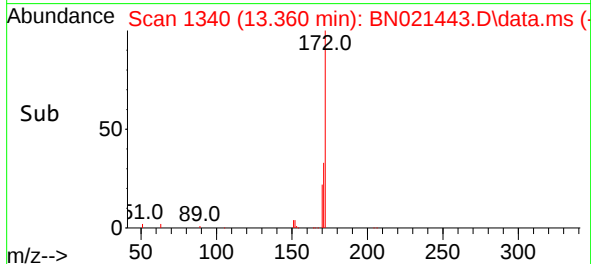
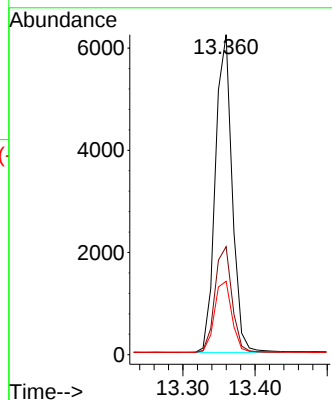
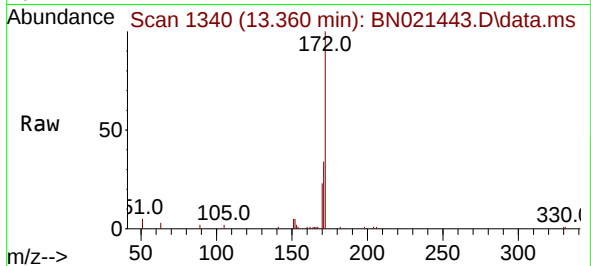




#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021443.D
Acq: 30 Aug 2022 05:29

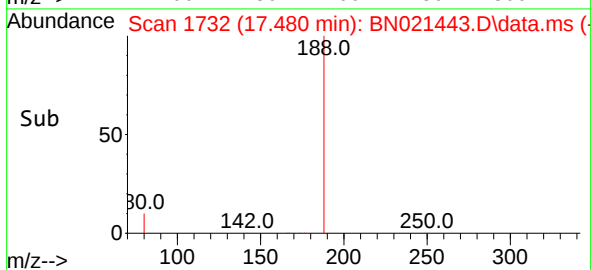
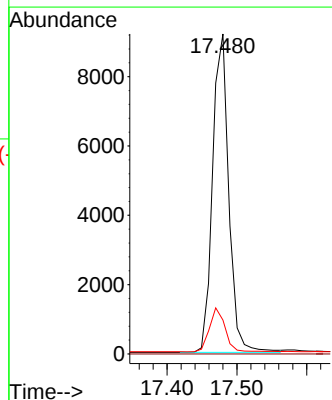
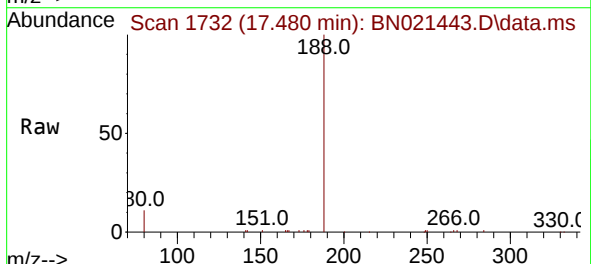
Instrument :
BNA_N
ClientSampleId :
RE132D1-20220819

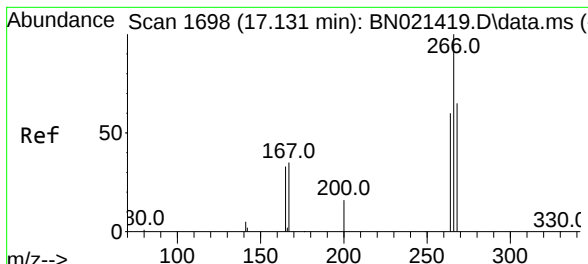
Tgt Ion:172 Resp: 10027
Ion Ratio Lower Upper
172 100
171 33.7 27.8 41.6
170 22.9 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021443.D
Acq: 30 Aug 2022 05:29

Tgt Ion:188 Resp: 14817
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.5 14.3

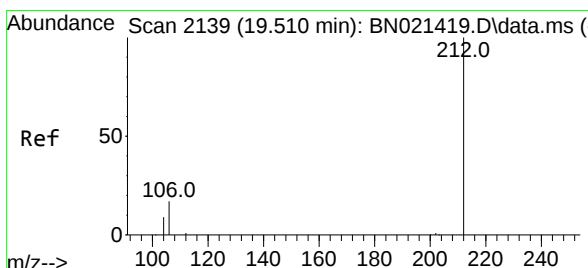
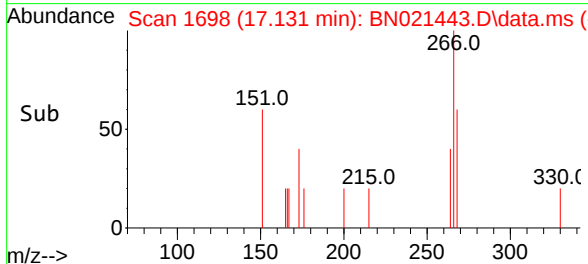
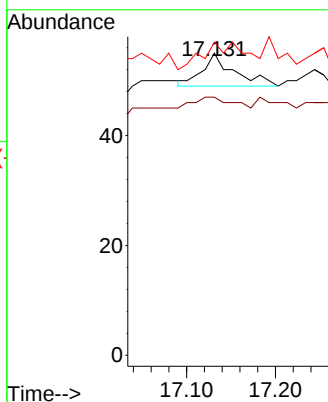
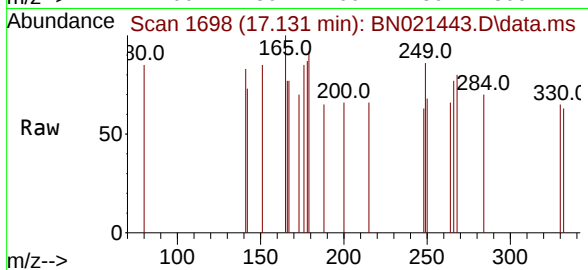




#24
 Pentachlorophenol
 Concen: 0.207 ng
 RT: 17.131 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BN021443.D
 Acq: 30 Aug 2022 05:29

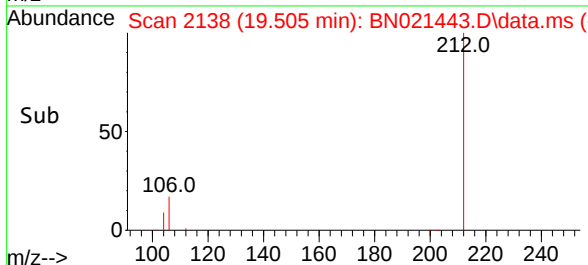
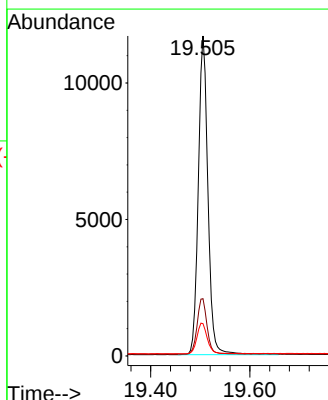
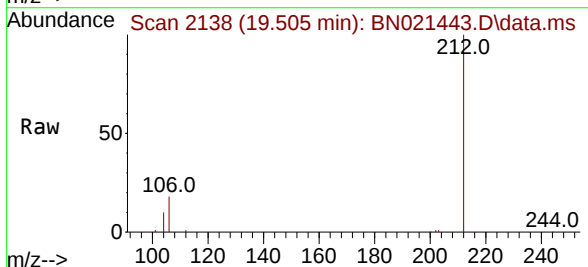
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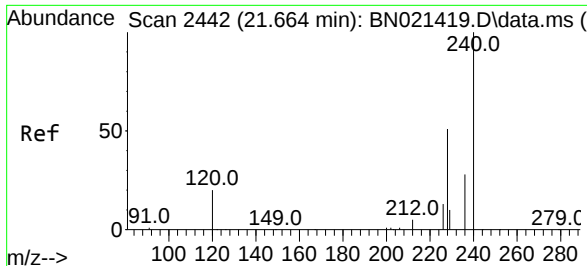
Tgt Ion:	266	Resp:	15
Ion Ratio	Lower	Upper	
266	100		
264	40.0	49.0	73.6#
268	113.3	50.9	76.3#



#27
 Fluoranthene-d10
 Concen: 0.414 ng
 RT: 19.505 min Scan# 2138
 Delta R.T. -0.004 min
 Lab File: BN021443.D
 Acq: 30 Aug 2022 05:29

Tgt Ion:	212	Resp:	15759
Ion Ratio	Lower	Upper	
212	100		
106	18.0	14.2	21.2
104	10.3	7.8	11.6

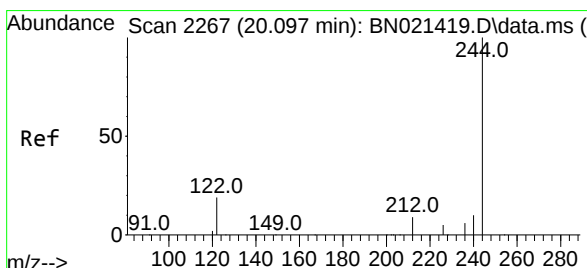
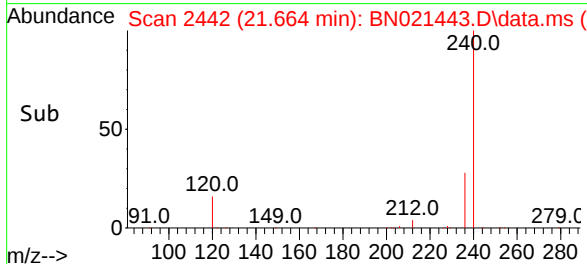
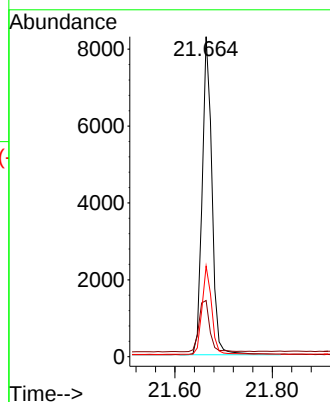
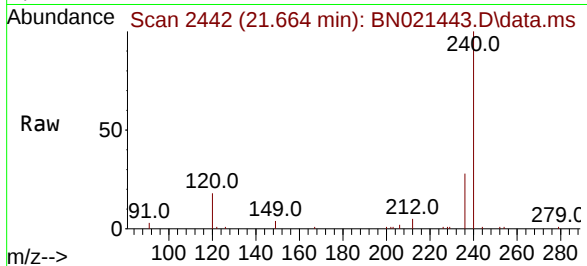




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN021443.D
Acq: 30 Aug 2022 05:29

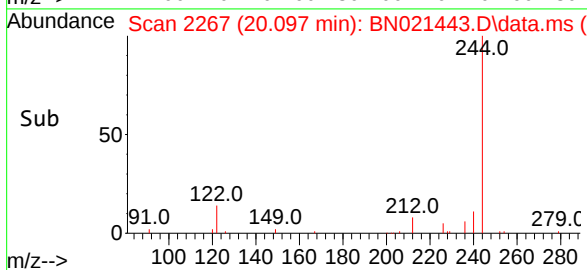
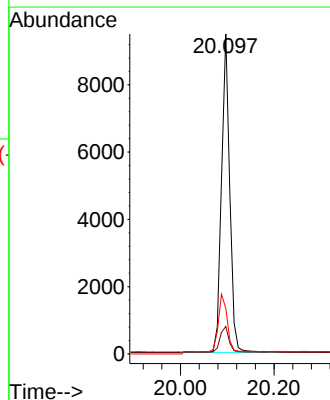
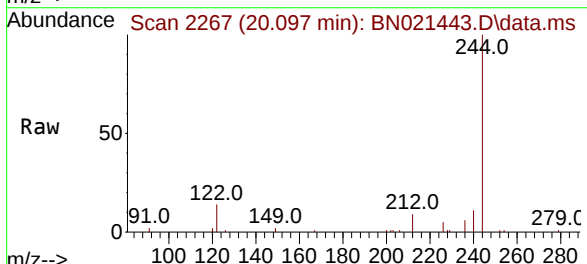
Instrument :
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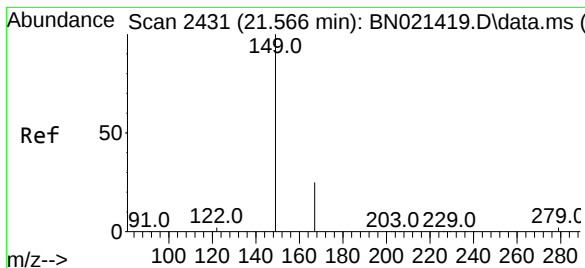
Tgt Ion:240 Resp: 11498
Ion Ratio Lower Upper
240 100
120 17.5 10.2 15.4#
236 28.3 22.1 33.1



#31
Terphenyl-d14
Concen: 0.425 ng
RT: 20.097 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN021443.D
Acq: 30 Aug 2022 05:29

Tgt Ion:244 Resp: 10989
Ion Ratio Lower Upper
244 100
212 8.6 6.5 9.7
122 14.3 9.1 13.7#

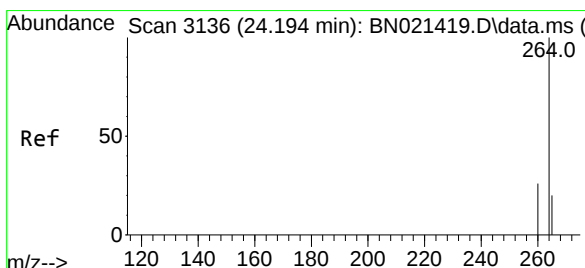
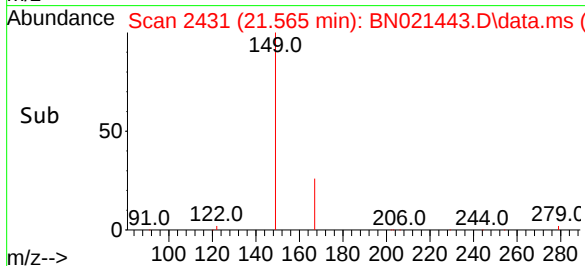
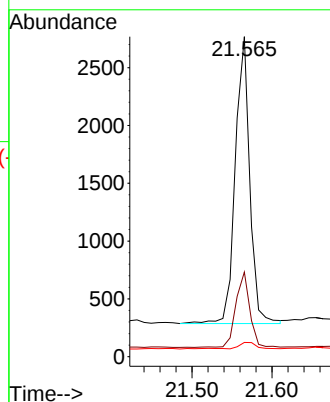
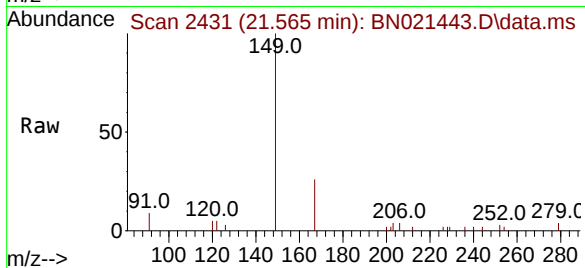




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.194 ng
 RT: 21.565 min Scan# 2431
 Delta R.T. -0.000 min
 Lab File: BN021443.D
 Acq: 30 Aug 2022 05:29

Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20220819

Tgt Ion:149 Resp: 3133
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.4 32.0
 279 2.5 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: BN021443.D
 Acq: 30 Aug 2022 05:29

Tgt Ion:264 Resp: 8437
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.0 31.6
 265 36.5 32.2 48.2

