

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021536.D
 Acq On : 01 Sep 2022 21:43
 Operator : CG/JU
 Sample : N4357-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20220823

Quant Time: Sep 02 01:01:13 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)

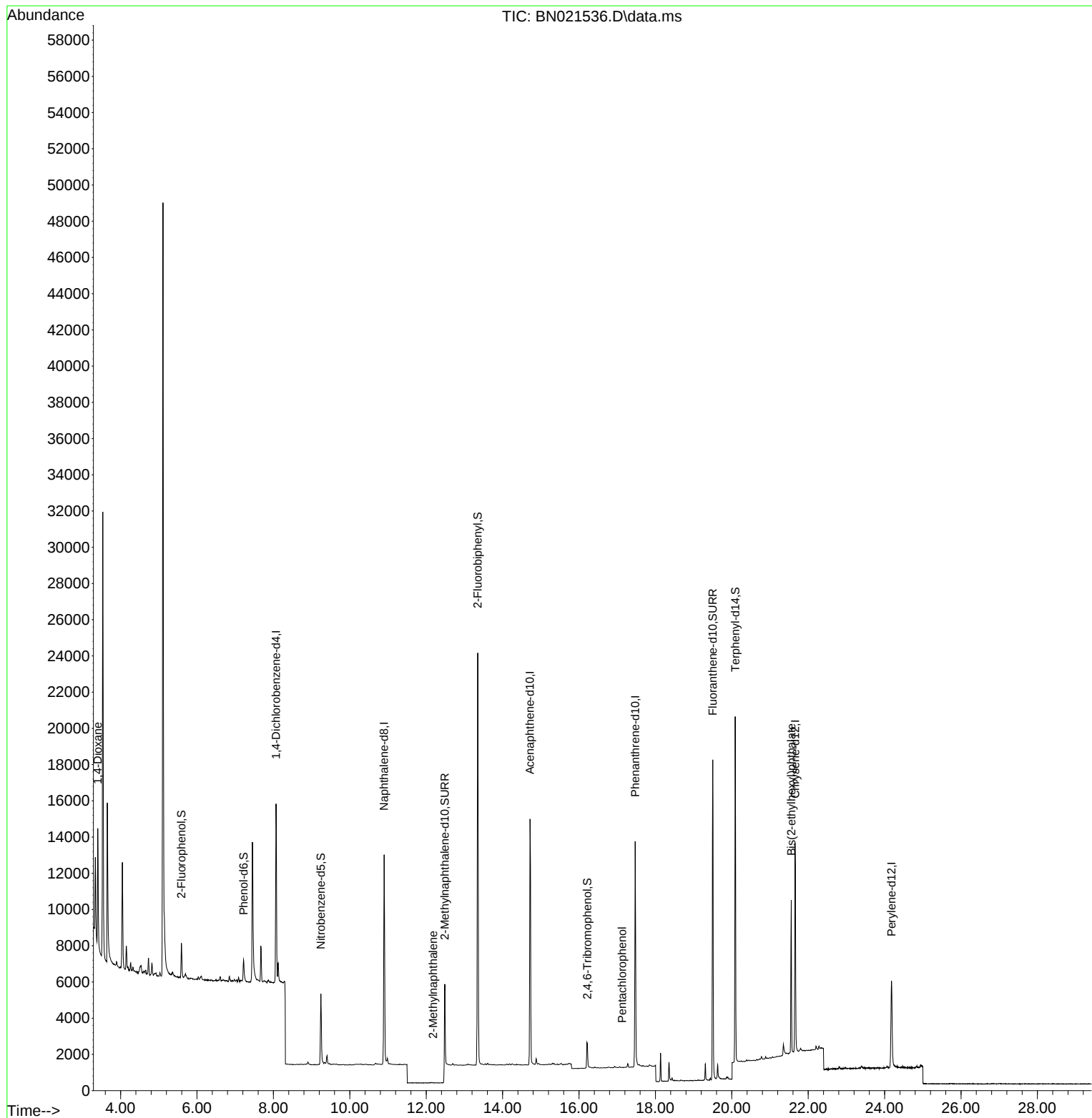
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4857	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	15162	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	8138	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	16884	0.400	ng	0.00
29) Chrysene-d12	21.655	240	11565	0.400	ng	# 0.00
35) Perylene-d12	24.179	264	7618	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1637	0.172	ng	0.00
5) Phenol-d6	7.217	99	1238	0.102	ng	0.00
8) Nitrobenzene-d5	9.243	82	3503	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	11980	0.351	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	928	0.347	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	19292	0.542	ng	0.00
27) Fluoranthene-d10	19.501	212	19620	0.452	ng	0.00
31) Terphenyl-d14	20.088	244	16192	0.623	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	3895	0.641	ng	Qvalue 96
12) 2-Methylnaphthalene	12.184	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	4	0.203	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.557	149	7860	0.484	ng	98

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

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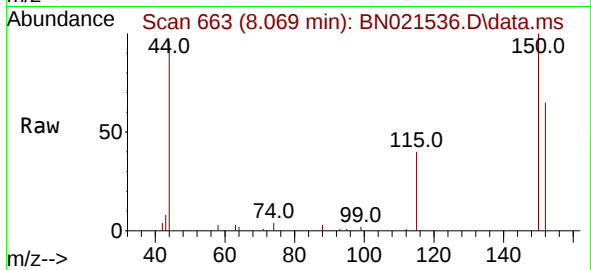
Quant Time: Sep 02 01:01:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration



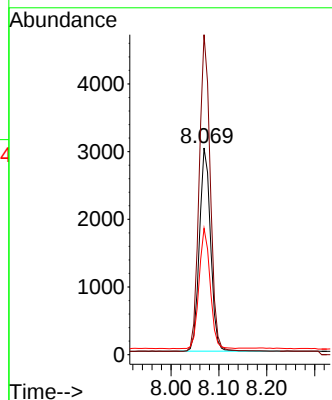
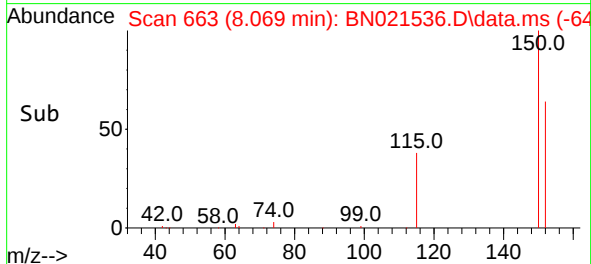


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021536.D
 Acq: 01 Sep 2022 21:43

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20220823

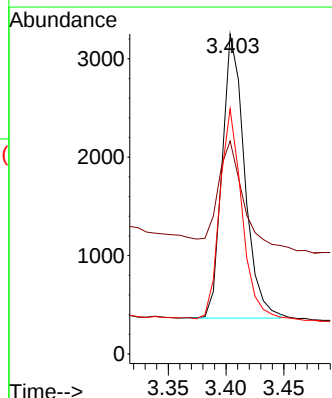
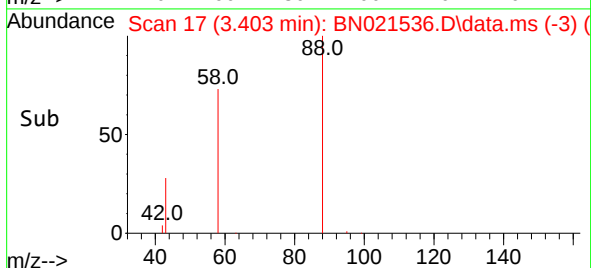
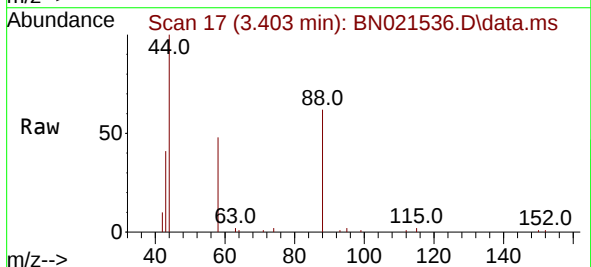


Tgt Ion:152 Resp: 4857
 Ion Ratio Lower Upper
 152 100
 150 154.8 121.4 182.0
 115 61.1 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.641 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021536.D
 Acq: 01 Sep 2022 21:43

Tgt Ion: 88 Resp: 3895
 Ion Ratio Lower Upper
 88 100
 43 38.4 35.8 53.8
 58 71.7 57.1 85.7





#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.592 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN021536.D

Acq: 01 Sep 2022 21:43

Instrument :

BNA_N

ClientSampleId :

RE134D1-20220823

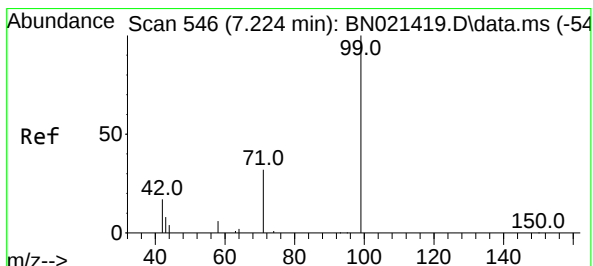
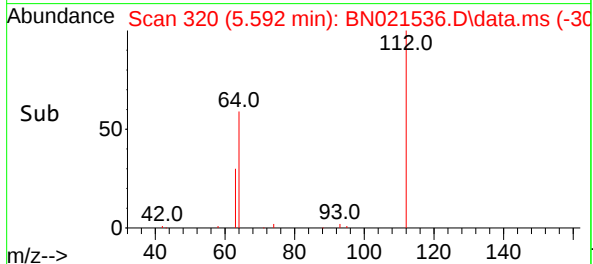
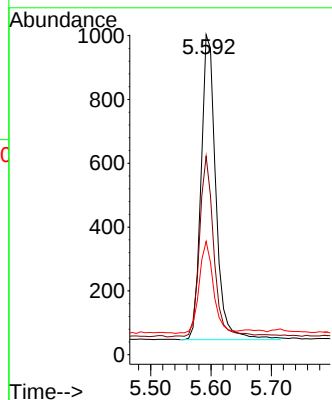
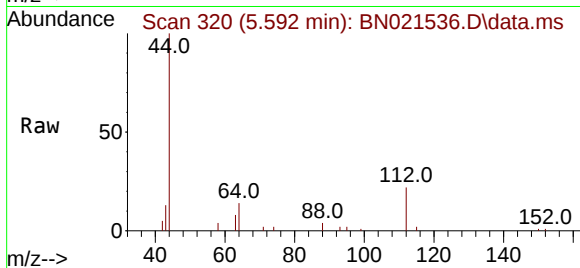
Tgt Ion:112 Resp: 1637

Ion Ratio Lower Upper

112 100

64 57.1 43.5 65.3

63 29.0 22.6 34.0



#5

Phenol-d6

Concen: 0.102 ng

RT: 7.217 min Scan# 545

Delta R.T. 0.000 min

Lab File: BN021536.D

Acq: 01 Sep 2022 21:43

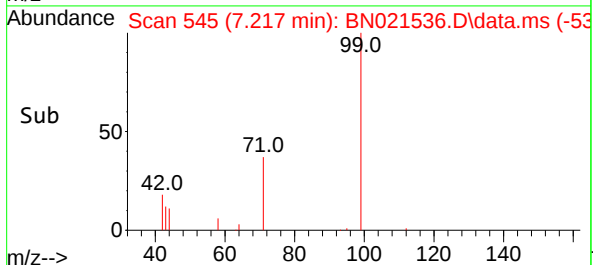
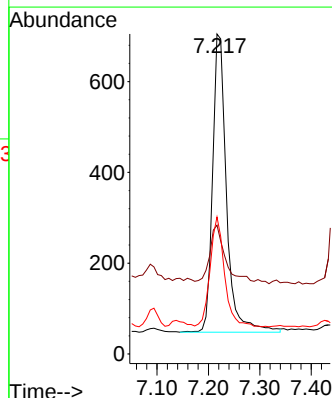
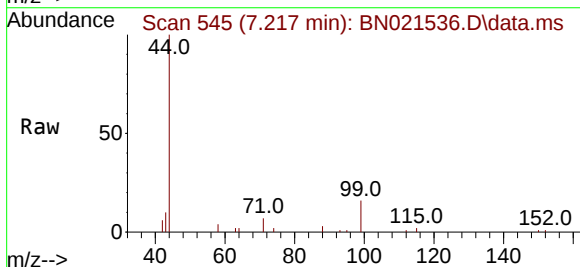
Tgt Ion: 99 Resp: 1238

Ion Ratio Lower Upper

99 100

42 20.4 15.5 23.3

71 38.2 24.2 36.2#

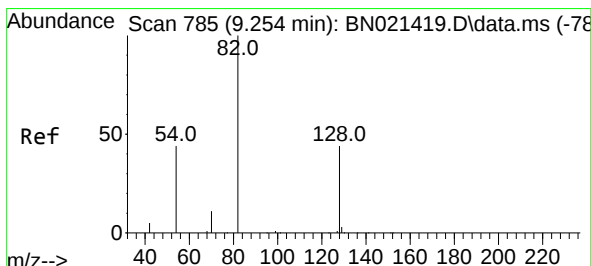
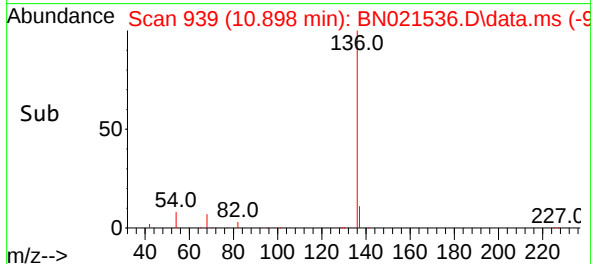
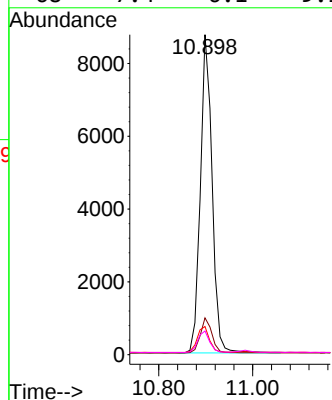
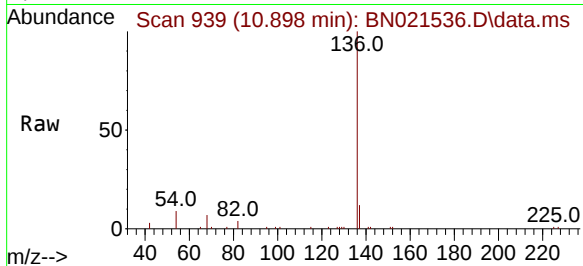




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

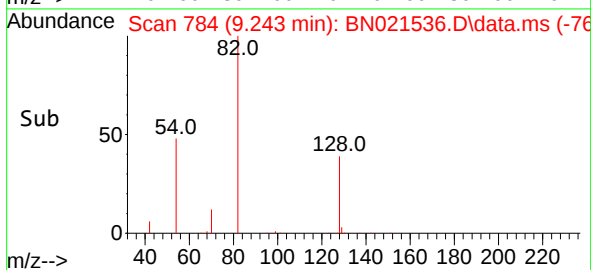
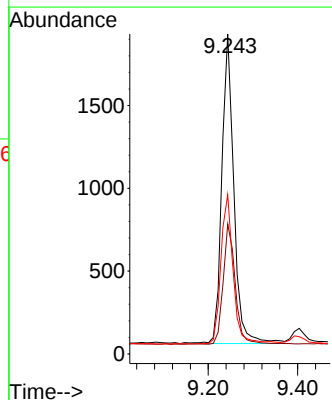
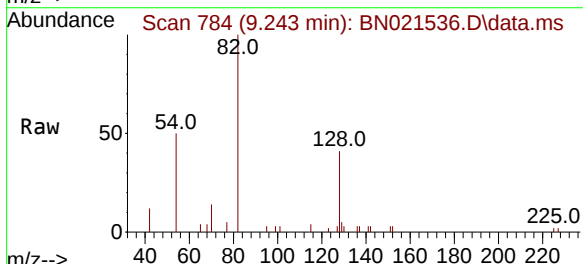
Instrument :
BNA_N
ClientSampleId :
RE134D1-20220823

Tgt Ion:	136	Resp:	15162
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	8.8	6.9	10.3
68	7.4	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

Tgt Ion:	82	Resp:	3503
Ion Ratio	Lower	Upper	
82	100		
128	40.6	30.9	46.3
54	49.8	42.7	64.1

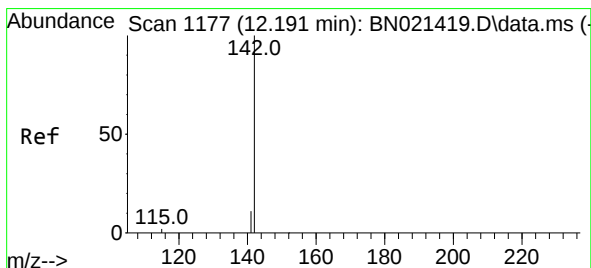
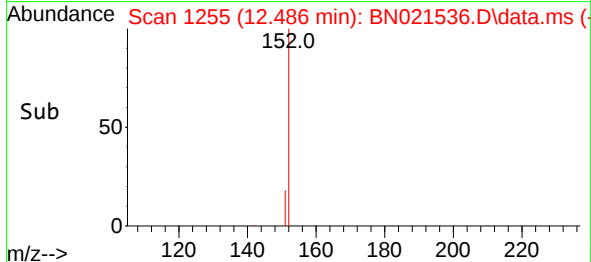
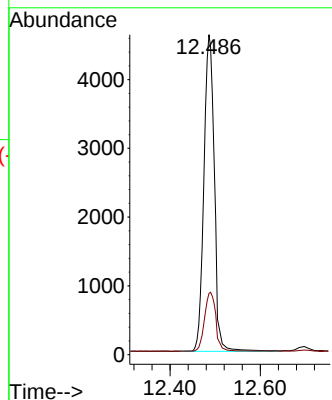
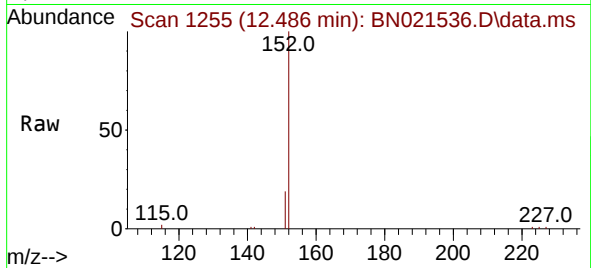




#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.486 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

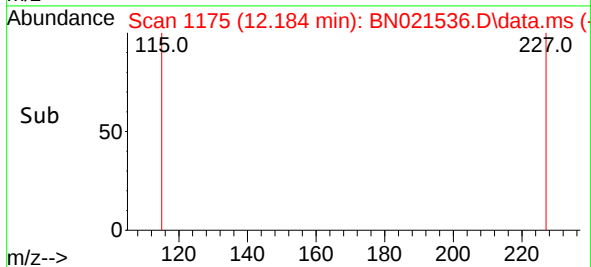
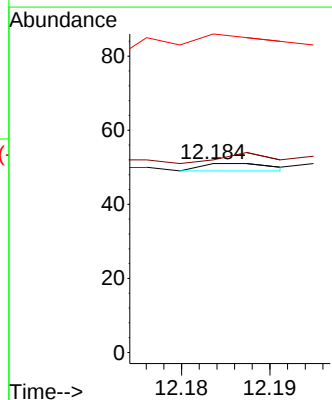
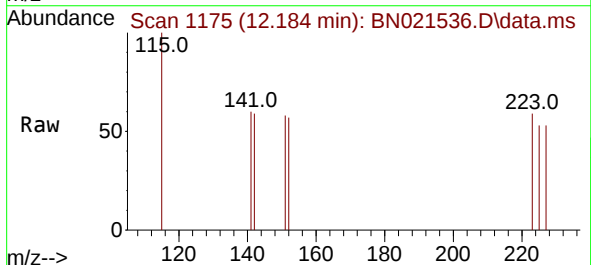
Instrument :
BNA_N
ClientSampleId :
RE134D1-20220823

Tgt Ion:152 Resp: 11980
Ion Ratio Lower Upper
152 100
151 17.9 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.184 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 102.0 12.2 18.2#
115 168.6 7.9 11.9#

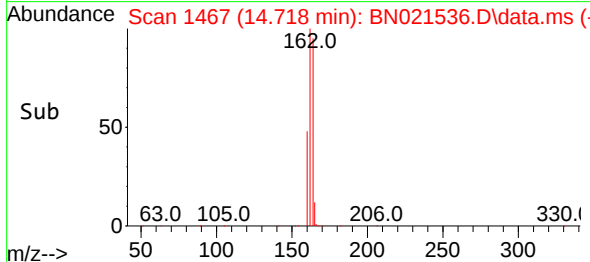
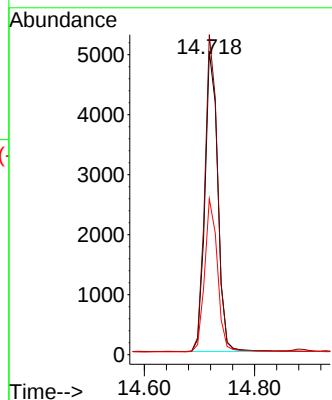
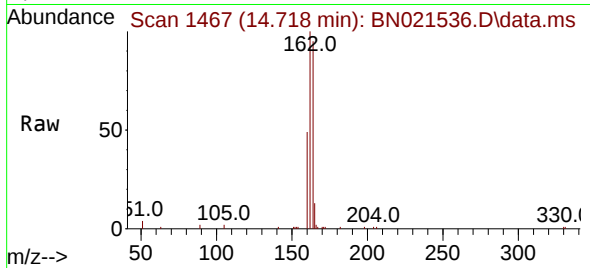




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

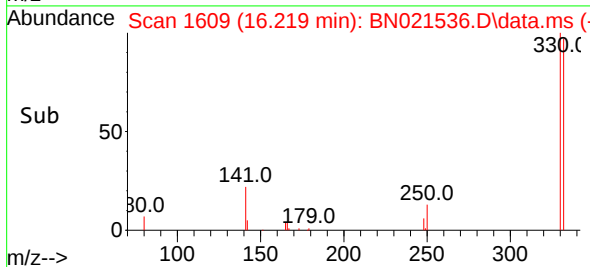
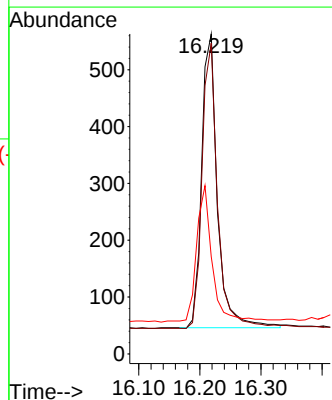
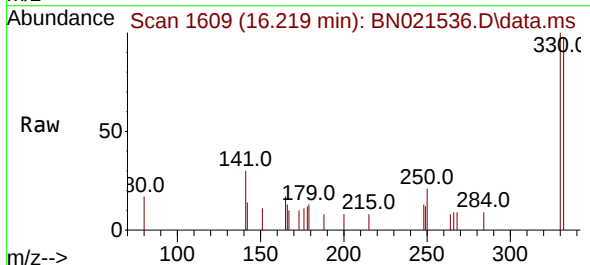
Instrument :
BNA_N
ClientSampleId :
RE134D1-20220823

Tgt Ion:	164	Resp:	8138
Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.2	123.4
160	51.4	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

Tgt Ion:	330	Resp:	928
Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.3	118.9
141	46.7	37.1	55.7

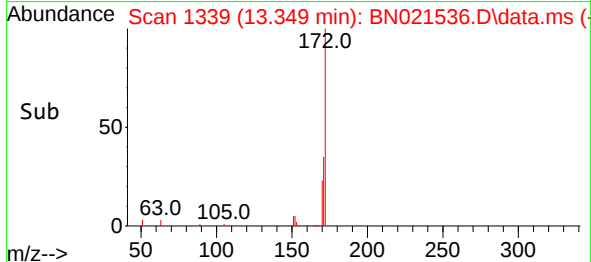
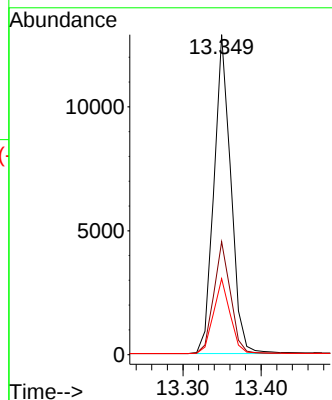
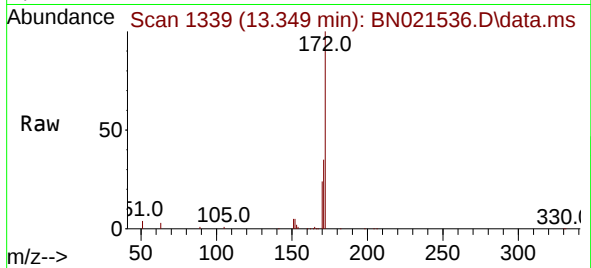




#15
2-Fluorobiphenyl
Concen: 0.542 ng
RT: 13.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

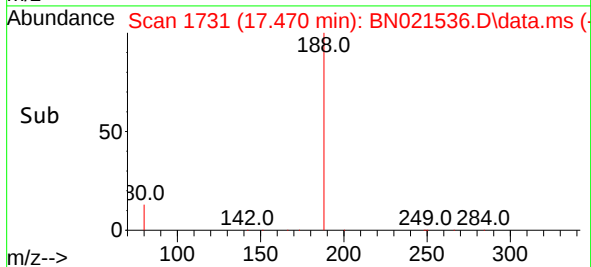
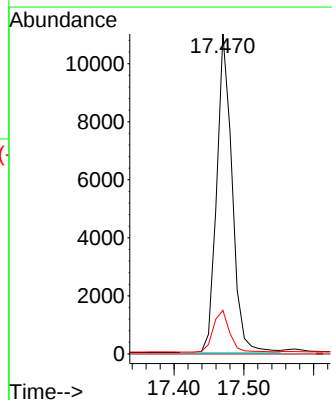
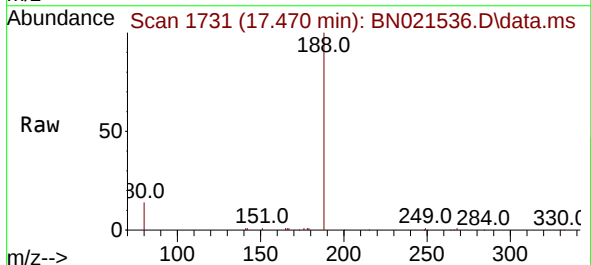
Instrument :
BNA_N
ClientSampleId :
RE134D1-20220823

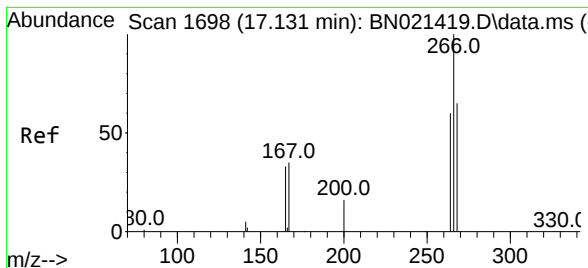
Tgt Ion:172 Resp: 19292
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 23.8 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

Tgt Ion:188 Resp: 16884
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 9.5 14.3





#24

Pentachlorophenol

Concen: 0.203 ng

RT: 17.131 min Scan# 1

Delta R.T. 0.010 min

Lab File: BN021536.D

Acq: 01 Sep 2022 21:43

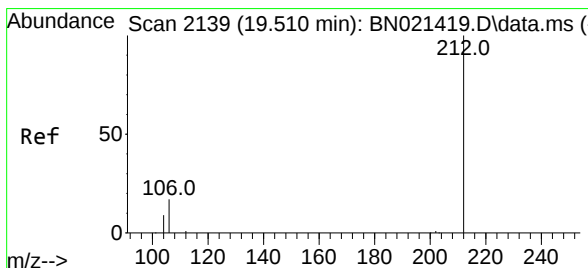
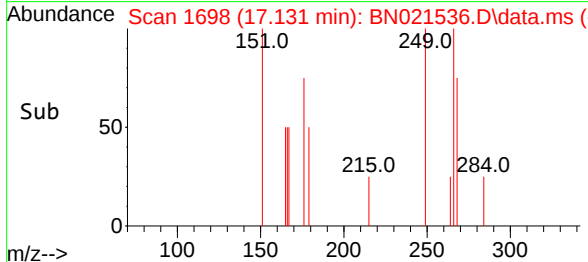
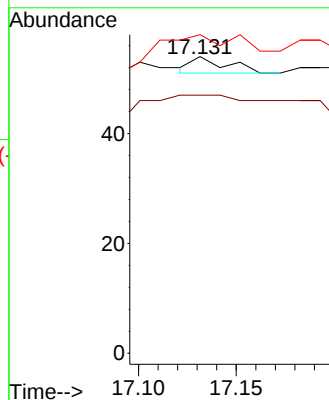
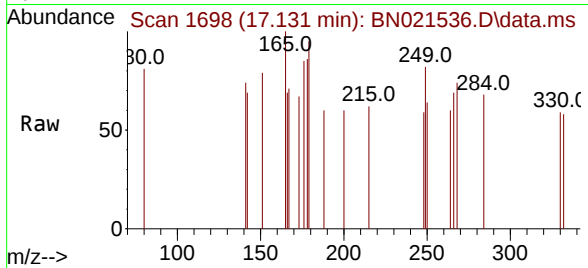
Instrument :

BNA_N

ClientSampleId :

RE134D1-20220823

Tgt Ion:266	Resp:	4	
Ion	Ratio	Lower	Upper
266	100		
264	200.0	49.0	73.6#
268	375.0	50.9	76.3#



#27

Fluoranthene-d10

Concen: 0.452 ng

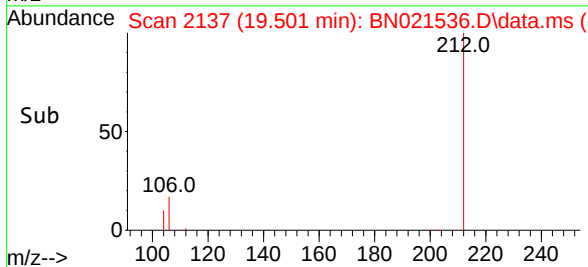
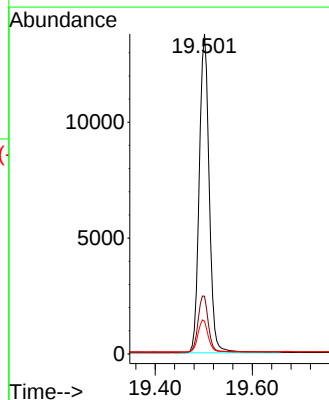
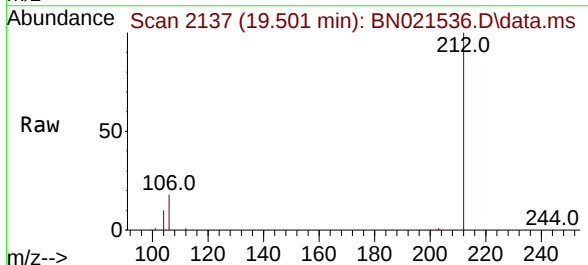
RT: 19.501 min Scan# 2137

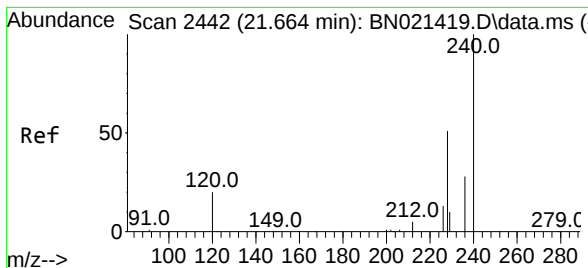
Delta R.T. 0.000 min

Lab File: BN021536.D

Acq: 01 Sep 2022 21:43

Tgt	Ion:212	Resp:	19620
Ion	Ratio	Lower	Upper
212	100		
106	18.1	14.2	21.2
104	10.2	7.8	11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.655 min Scan# 2441

Delta R.T. -0.009 min

Lab File: BN021536.D

Acq: 01 Sep 2022 21:43

Instrument :

BNA_N

ClientSampleId :

RE134D1-20220823

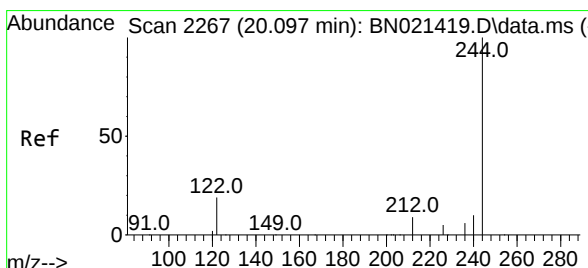
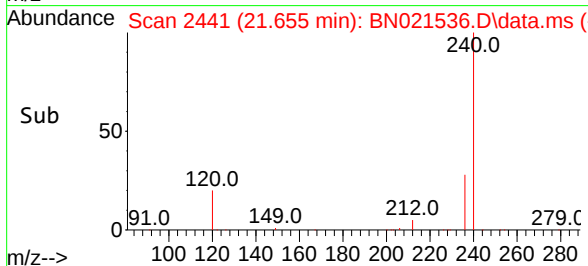
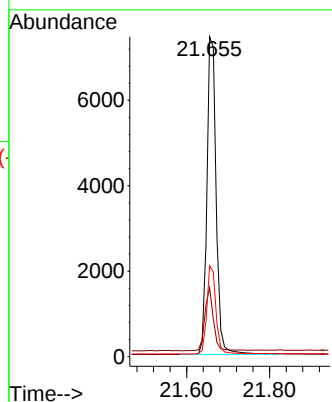
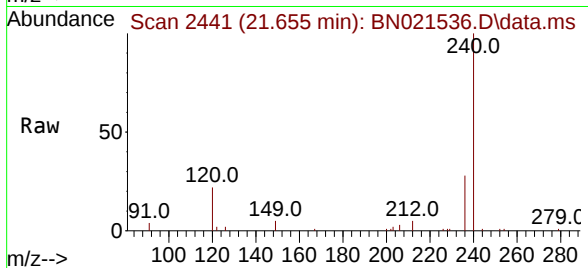
Tgt Ion:240 Resp: 11565

Ion Ratio Lower Upper

240 100

120 21.5 10.2 15.4#

236 28.4 22.1 33.1



#31

Terphenyl-d14

Concen: 0.623 ng

RT: 20.088 min Scan# 2266

Delta R.T. -0.009 min

Lab File: BN021536.D

Acq: 01 Sep 2022 21:43

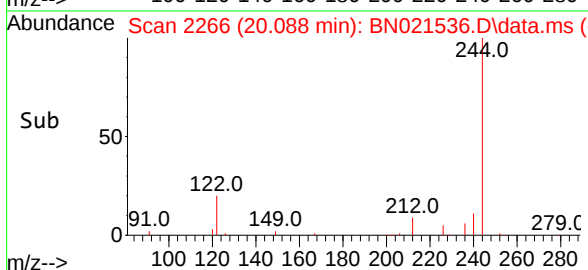
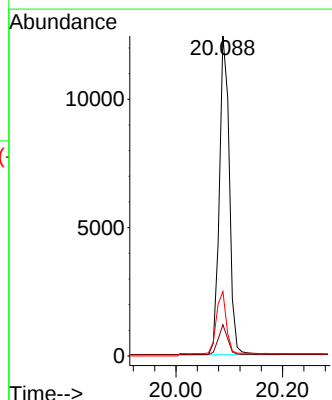
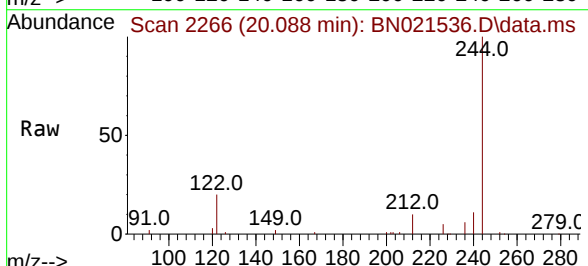
Tgt Ion:244 Resp: 16192

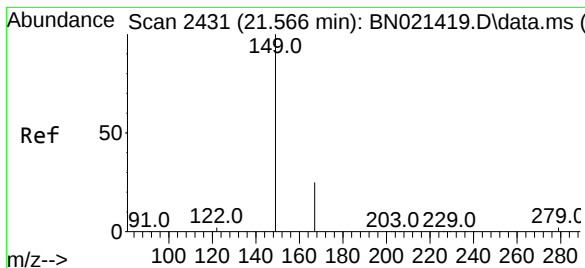
Ion Ratio Lower Upper

244 100

212 9.8 6.5 9.7#

122 20.1 9.1 13.7#

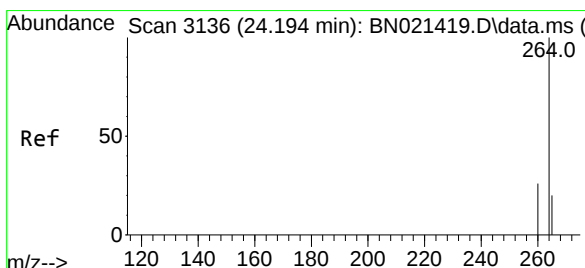
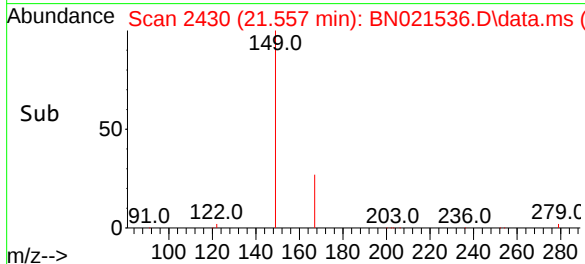
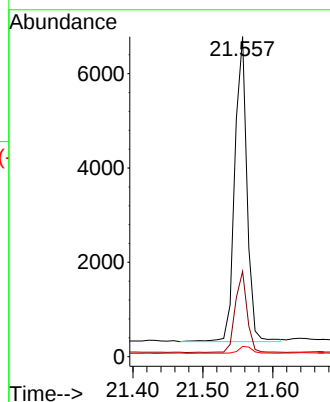
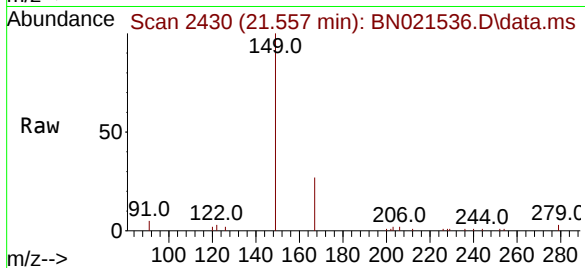




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.484 ng
 RT: 21.557 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021536.D
 Acq: 01 Sep 2022 21:43

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20220823

Tgt Ion:149 Resp: 7860
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.4 32.0
 279 2.5 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.179 min Scan# 3131
 Delta R.T. -0.006 min
 Lab File: BN021536.D
 Acq: 01 Sep 2022 21:43

Tgt Ion:264 Resp: 7618
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.0 31.6
 265 38.2 32.2 48.2

