

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021530.D
 Acq On : 01 Sep 2022 18:01
 Operator : CG/JU
 Sample : N4360-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20220824

Quant Time: Sep 02 00:59:17 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)

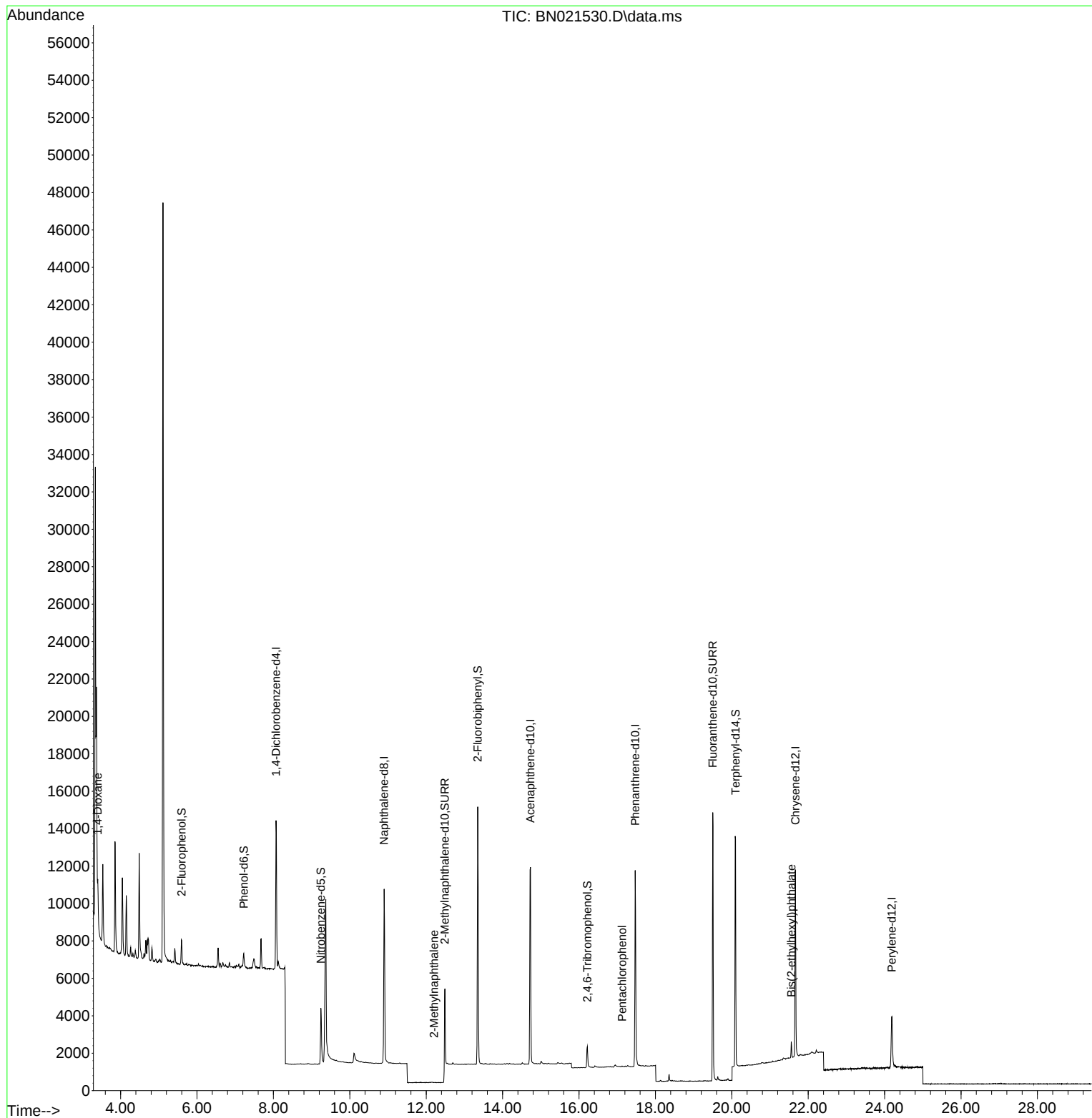
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4077	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	12817	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	6847	0.400	ng	0.01
19) Phenanthrene-d10	17.470	188	14993	0.400	ng	# 0.00
29) Chrysene-d12	21.664	240	9541	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	4719	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1203	0.151	ng	0.00
5) Phenol-d6	7.224	99	871	0.086	ng	0.00
8) Nitrobenzene-d5	9.243	82	2787	0.322	ng	0.00
11) 2-Methylnaphthalene-d10	12.490	152	10772	0.373	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	725	0.322	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	12184	0.407	ng	0.00
27) Fluoranthene-d10	19.501	212	15848	0.411	ng	0.00
31) Terphenyl-d14	20.097	244	12000	0.560	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	1348	0.264	ng	Qvalue 95
12) 2-Methylnaphthalene	12.202	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	30	0.211	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.557	149	884	0.066	ng	98

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

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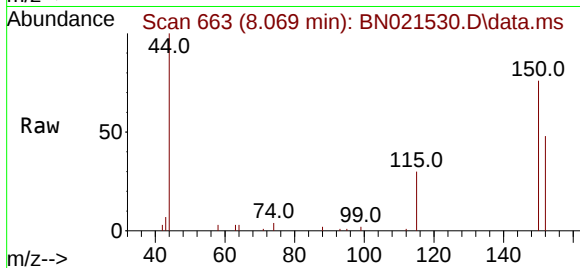
Quant Time: Sep 02 00:59:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration



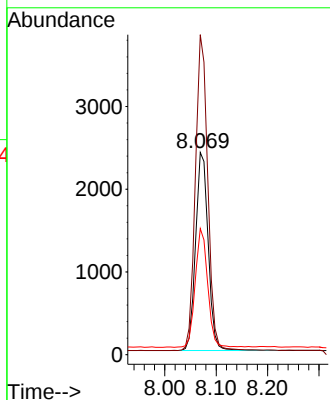
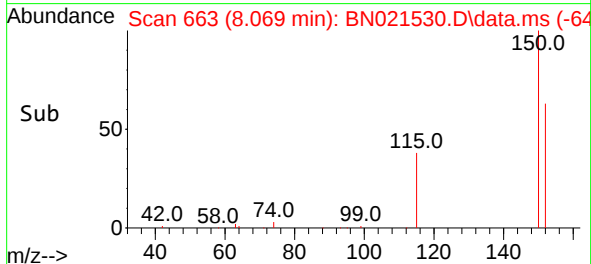


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021530.D
 Acq: 01 Sep 2022 18:01

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20220824

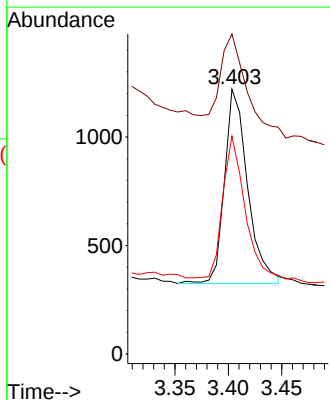
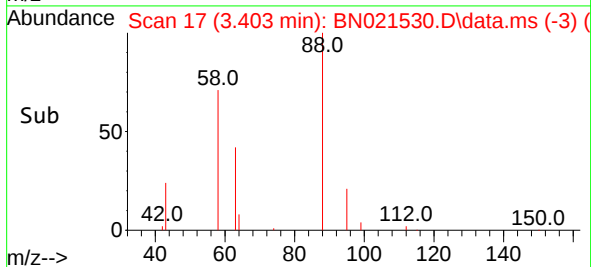
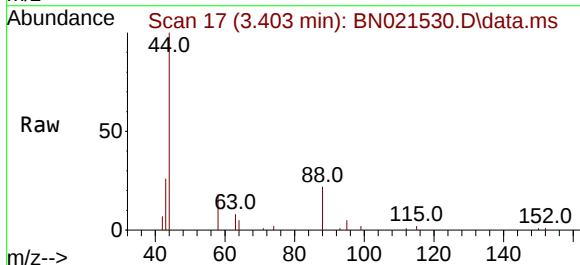


Tgt Ion:152 Resp: 4077
 Ion Ratio Lower Upper
 152 100
 150 158.3 121.4 182.0
 115 62.4 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.264 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021530.D
 Acq: 01 Sep 2022 18:01

Tgt Ion: 88 Resp: 1348
 Ion Ratio Lower Upper
 88 100
 43 49.4 35.8 53.8
 58 68.5 57.1 85.7

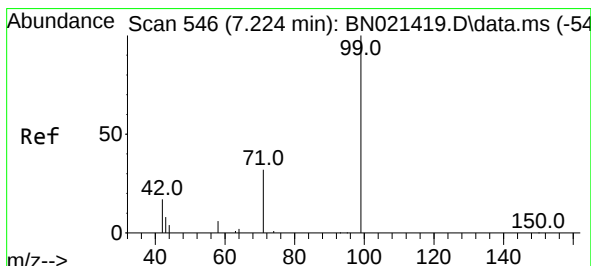
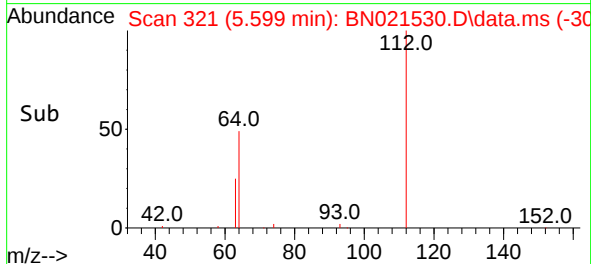
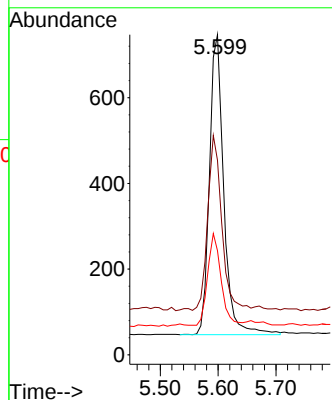
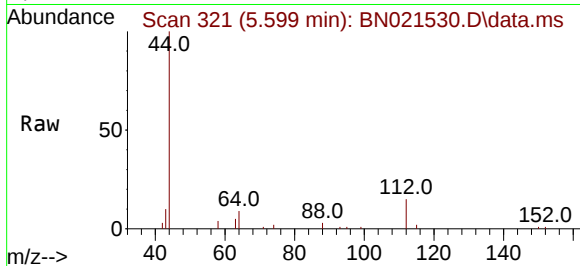




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.599 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

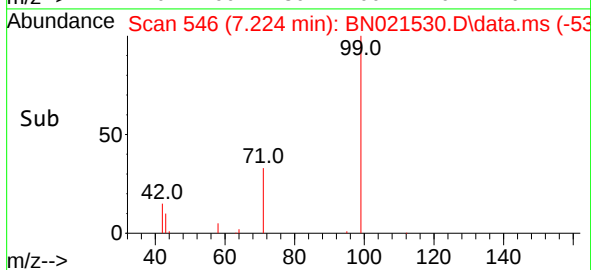
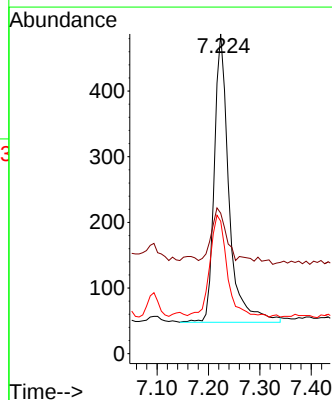
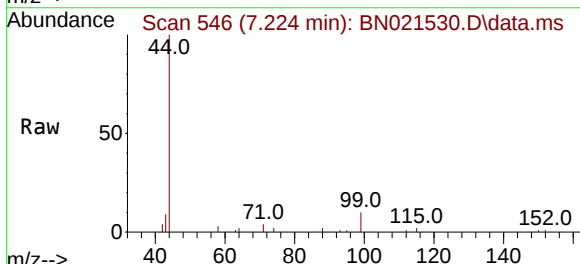
Instrument :
BNA_N
ClientSampleId :
RE135D3-20220824

Tgt Ion:112 Resp: 1203
Ion Ratio Lower Upper
112 100
64 58.1 43.5 65.3
63 28.8 22.6 34.0



#5
Phenol-d6
Concen: 0.086 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

Tgt Ion: 99 Resp: 871
Ion Ratio Lower Upper
99 100
42 17.7 15.5 23.3
71 41.7 24.2 36.2#

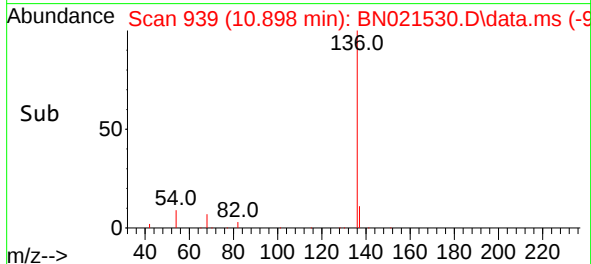
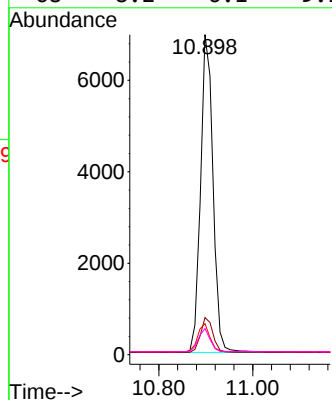
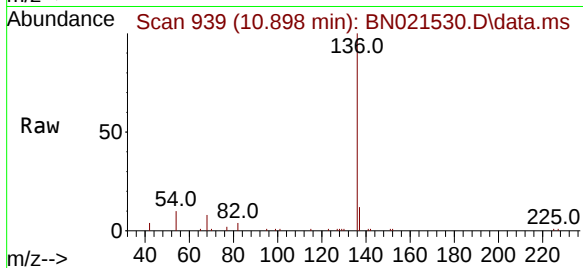




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

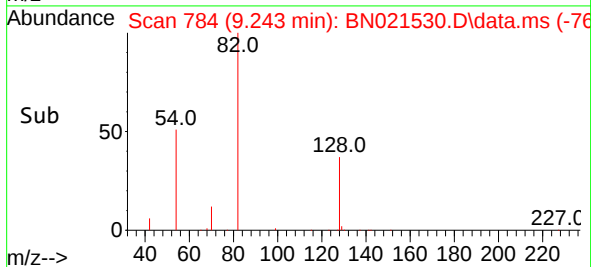
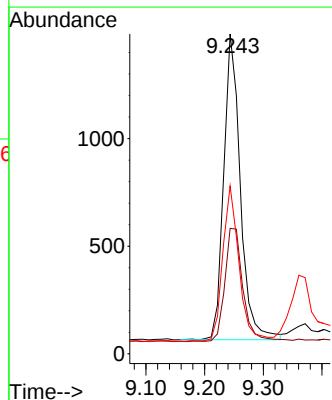
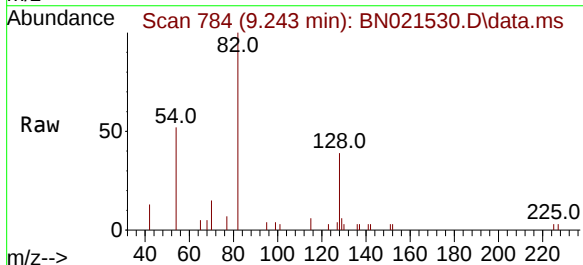
Instrument :
BNA_N
ClientSampleId :
RE135D3-20220824

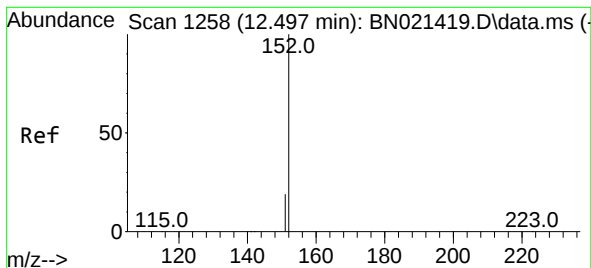
Tgt Ion:	136	Resp:	12817
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.3	13.9
54	9.7	6.9	10.3
68	8.2	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

Tgt Ion:	82	Resp:	2787
Ion Ratio	Lower	Upper	
82	100		
128	39.2	30.9	46.3
54	52.5	42.7	64.1

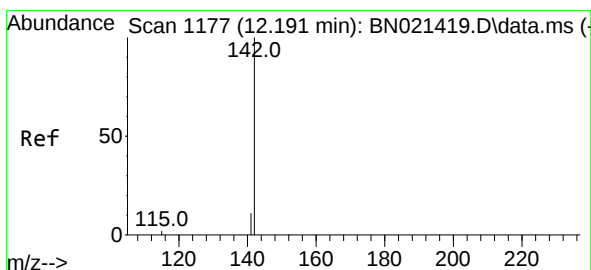
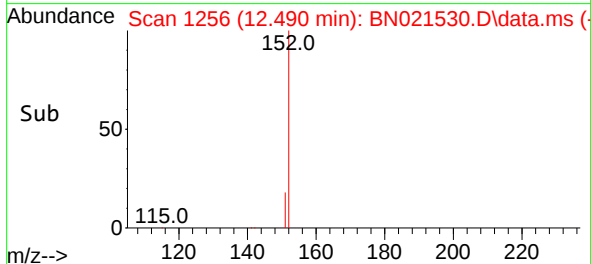
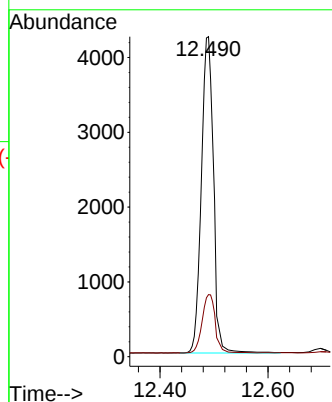
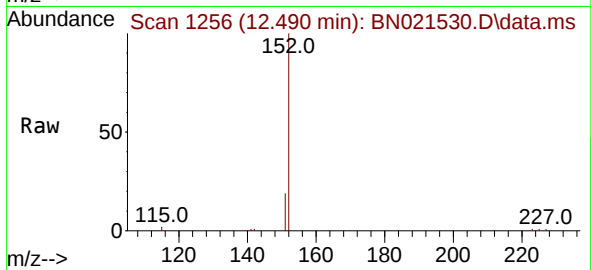




#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.490 min Scan# 1180
Delta R.T. 0.004 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

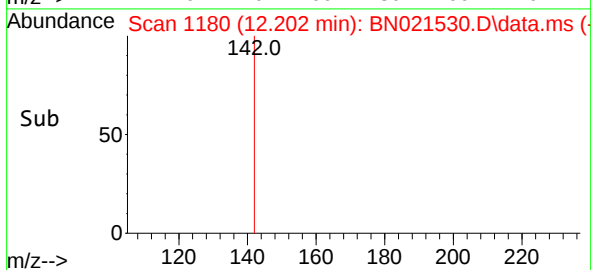
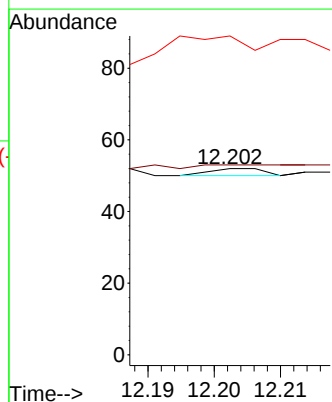
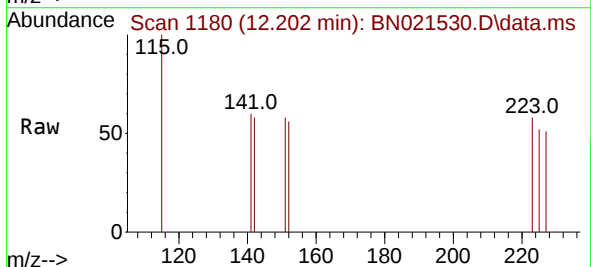
Instrument :
BNA_N
ClientSampleId :
RE135D3-20220824

Tgt Ion:152 Resp: 10772
Ion Ratio Lower Upper
152 100
151 18.5 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.202 min Scan# 1180
Delta R.T. 0.019 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

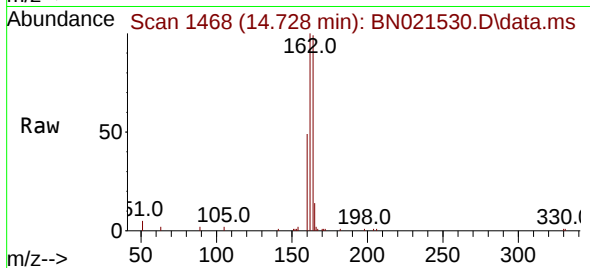
Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 101.9 12.2 18.2#
115 171.2 7.9 11.9#



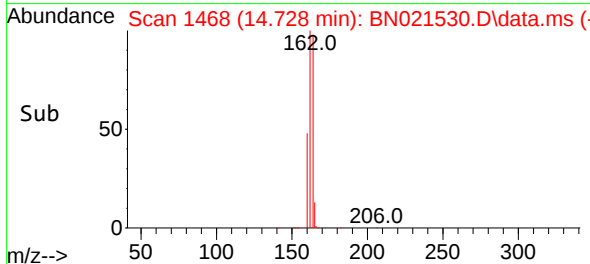
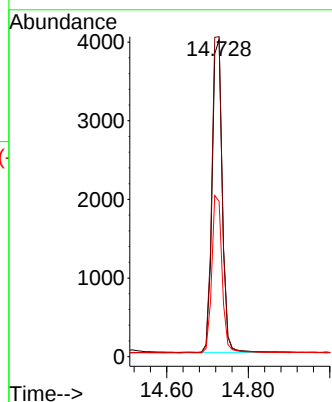


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.011 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

Instrument :
BNA_N
ClientSampleId :
RE135D3-20220824

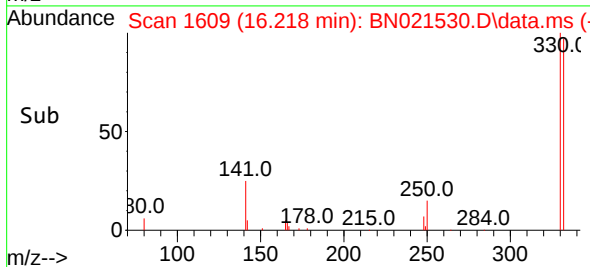
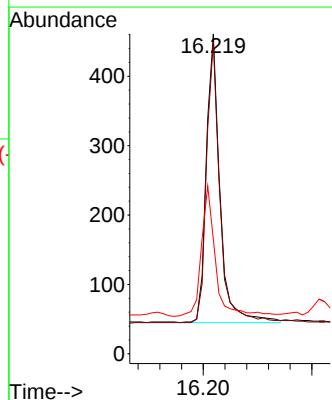
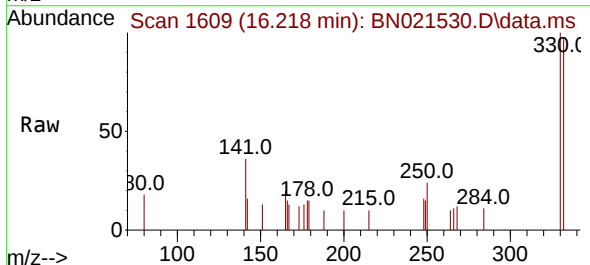


Tgt Ion:164 Resp: 6847
Ion Ratio Lower Upper
164 100
162 100.9 82.2 123.4
160 49.0 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

Tgt Ion:330 Resp: 725
Ion Ratio Lower Upper
330 100
332 94.5 79.3 118.9
141 46.6 37.1 55.7

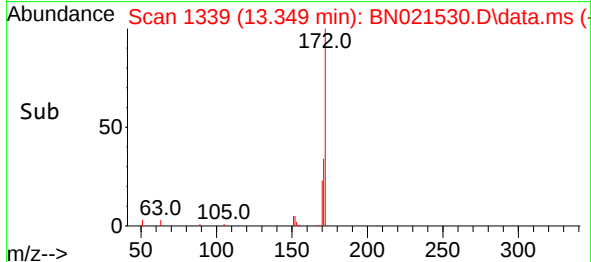
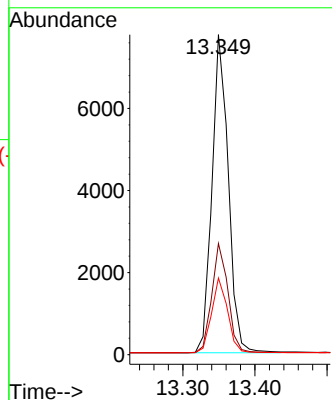
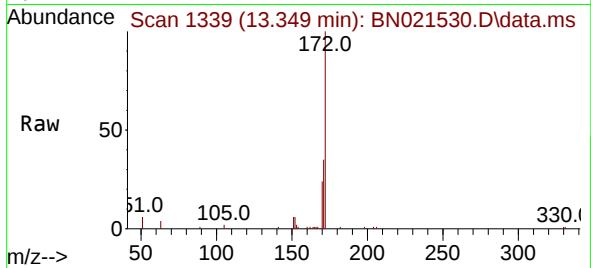




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

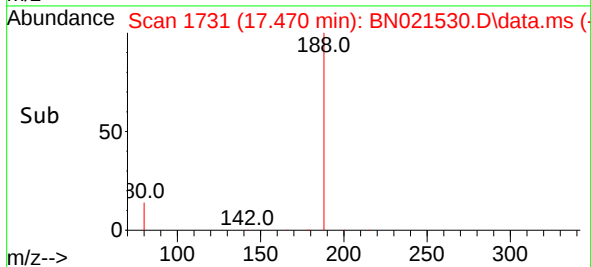
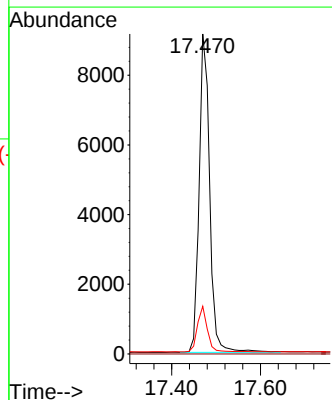
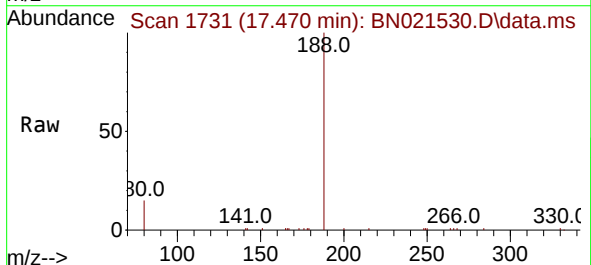
Instrument :
BNA_N
ClientSampleId :
RE135D3-20220824

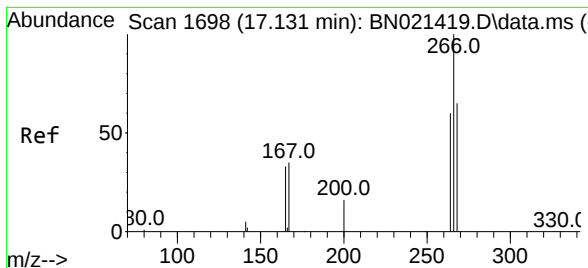
Tgt Ion:172 Resp: 12184
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.9 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

Tgt Ion:188 Resp: 14993
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 9.5 14.3





#24

Pentachlorophenol

Concen: 0.211 ng

RT: 17.131 min Scan# 1

Delta R.T. 0.010 min

Lab File: BN021530.D

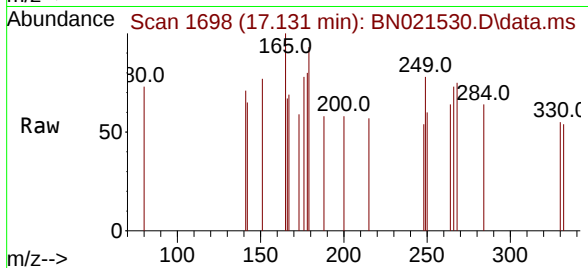
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Instrument :

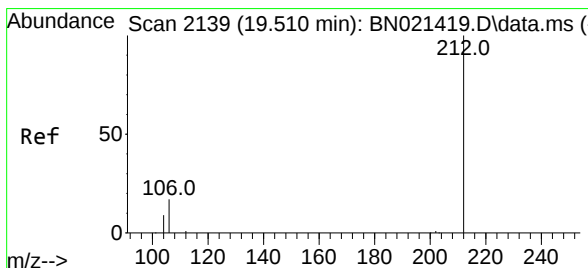
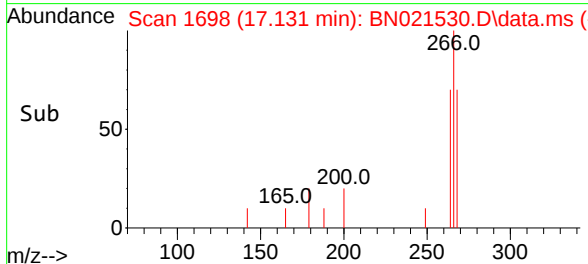
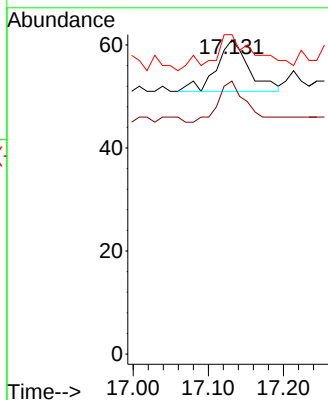
BNA_N

ClientSampleId :

RE135D3-20220824



Tgt Ion:266	Resp:	30
Ion	Ratio	Lower Upper
266	100	
264	83.3	49.0 73.6#
268	73.3	50.9 76.3



#27

Fluoranthene-d10

Concen: 0.411 ng

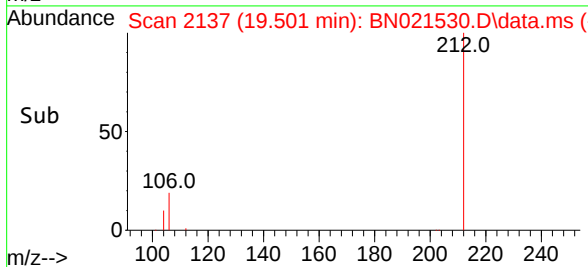
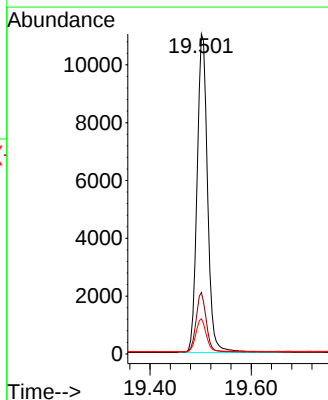
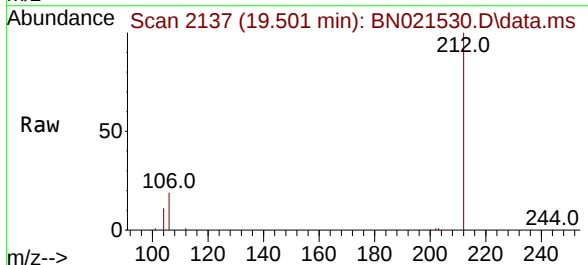
RT: 19.501 min Scan# 2137

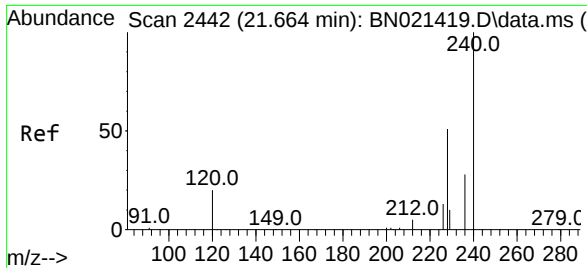
Delta R.T. 0.000 min

Lab File: BN021530.D

Acq: 01 Sep 2022 18:01

Tgt Ion:212	Resp:	15848
Ion	Ratio	Lower Upper
212	100	
106	18.2	14.2 21.2
104	10.3	7.8 11.6

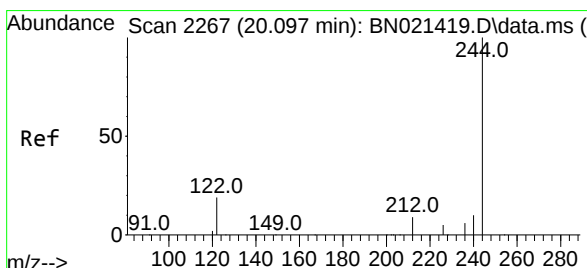
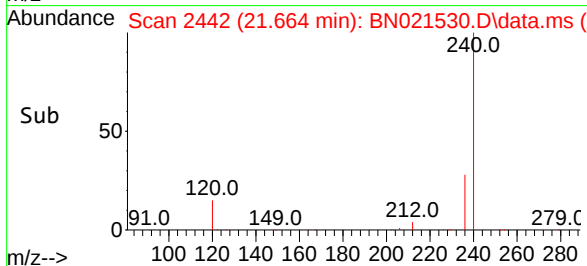
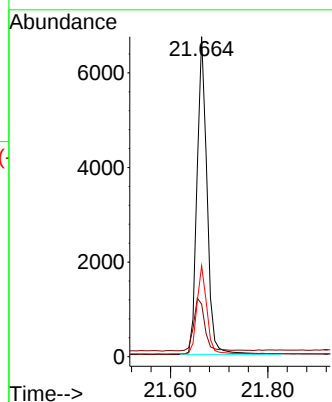
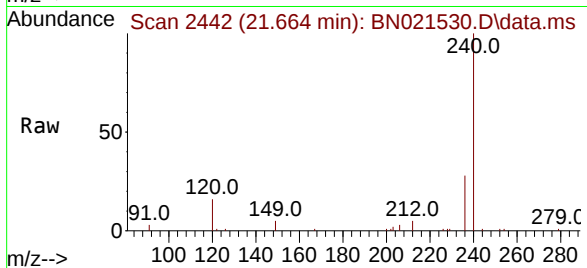




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

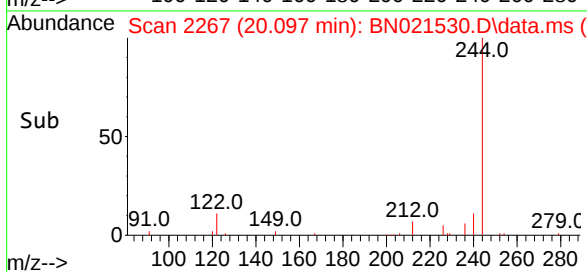
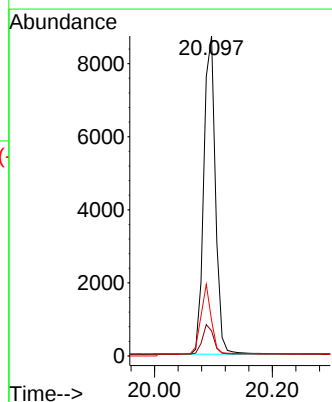
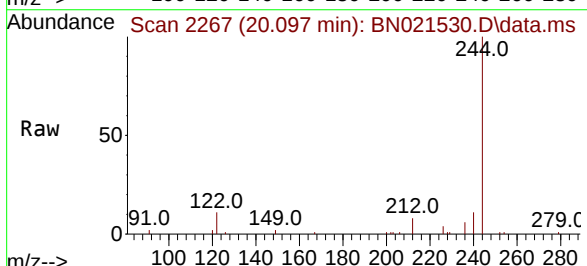
Instrument :
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RE135D3-20220824

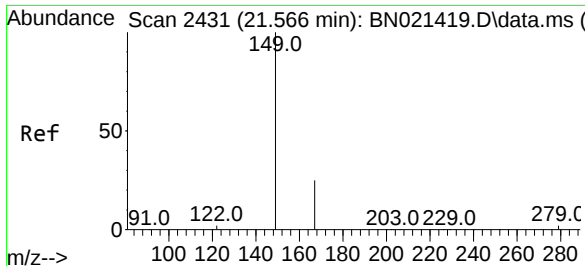
Tgt Ion:240 Resp: 9541
Ion Ratio Lower Upper
240 100
120 16.4 10.2 15.4#
236 28.4 22.1 33.1



#31
Terphenyl-d14
Concen: 0.560 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

Tgt Ion:244 Resp: 12000
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 11.1 9.1 13.7

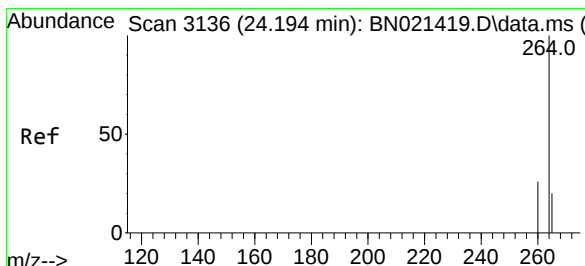
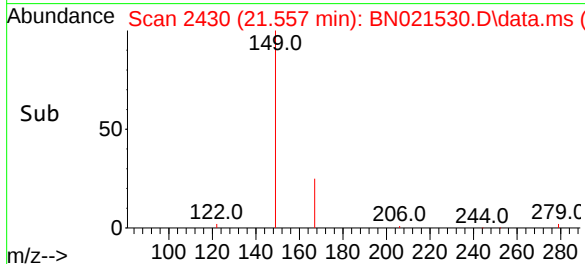
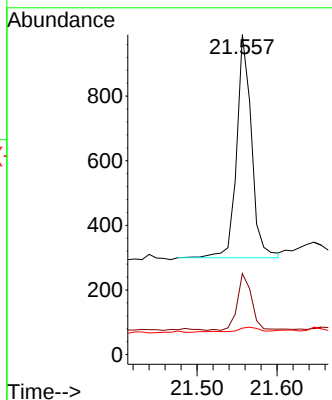
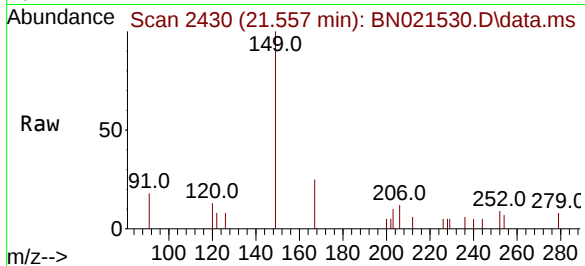




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 21.557 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021530.D
 Acq: 01 Sep 2022 18:01

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20220824

Tgt Ion:	149	Resp:	884
Ion Ratio	Lower	Upper	
149	100		
167	25.3	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. 0.003 min
 Lab File: BN021530.D
 Acq: 01 Sep 2022 18:01

Tgt Ion:	264	Resp:	4719
Ion Ratio	Lower	Upper	
264	100		
260	28.1	21.0	31.6
265	48.9	32.2	48.2

