

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032521\
 Data File : BN014114.D
 Acq On : 25 Mar 2021 19:49
 Operator : CG/JU
 Sample : M1787-08DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-125D1-20210319DL

Quant Time: Mar 26 00:43:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

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

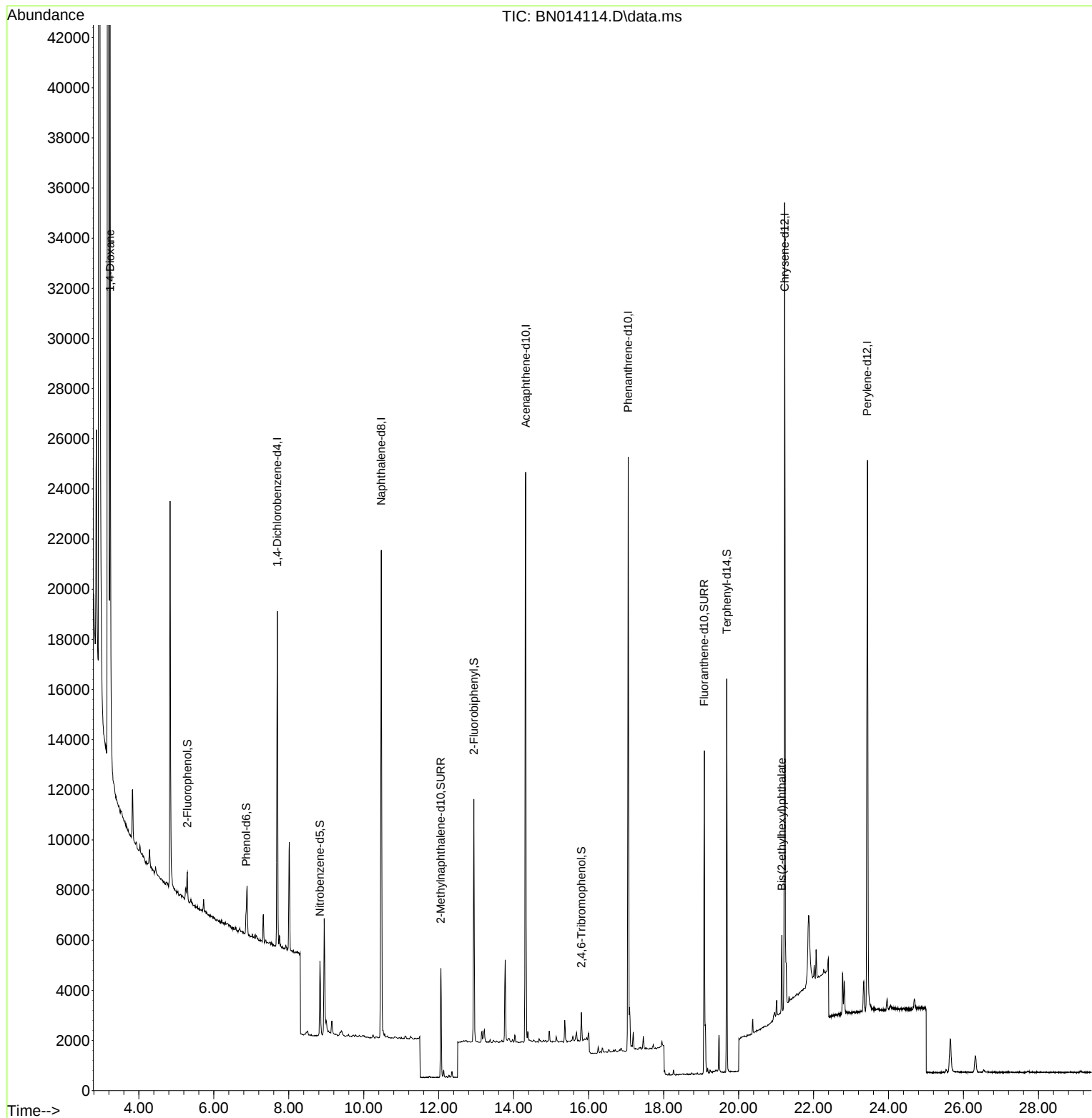
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6243	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	24799	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	14434	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	29890	0.40	ng	-0.01
29) Chrysene-d12	21.229	240	29060	0.40	ng	-0.01
36) Perylene-d12	23.434	264	28816	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	941	0.07	ng	0.00
5) Phenol-d6	6.863	99	713	0.04	ng	0.00
8) Nitrobenzene-d5	8.832	82	2414	0.15	ng	-0.01
11) 2-Methylnaphthalene-d10	12.057	152	5747	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	822	0.17	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	8063	0.15	ng	-0.01
27) Fluoranthene-d10	19.084	212	14741	0.18	ng	0.00
31) Terphenyl-d14	19.685	244	15519	0.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	19110	2.32	ng	96
34) Bis(2-ethylhexyl)phtha...	21.154	149	2975	0.10	ng	99

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

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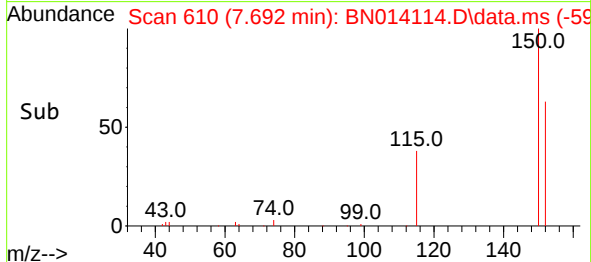
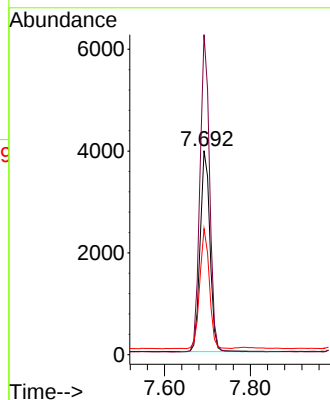
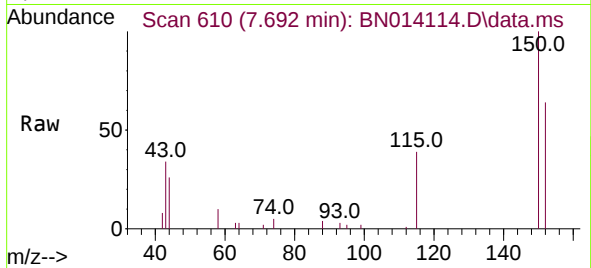




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. -0.008 min
 Lab File: BN014114.D
 Acq: 25 Mar 2021 19:49

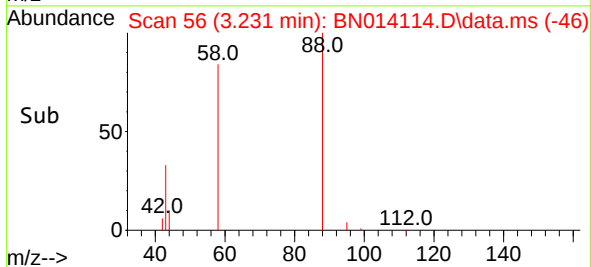
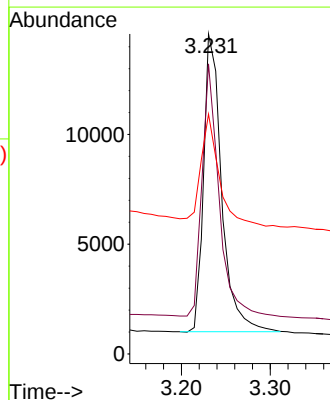
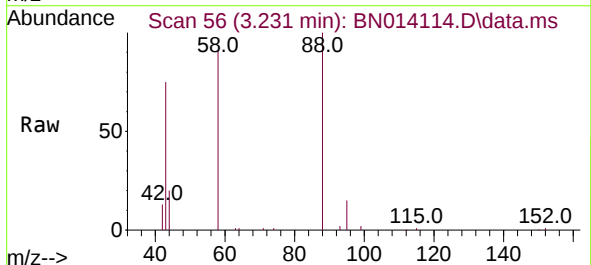
Instrument :
 BNA_N
 ClientSampleId :
 RE-125D1-20210319DL

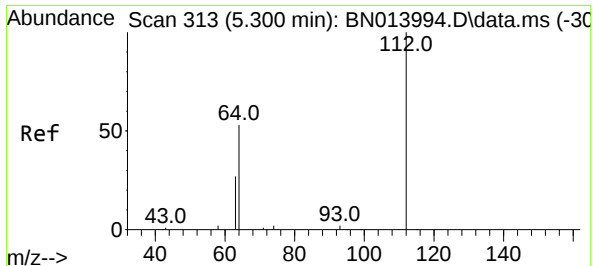
Tgt Ion:152 Resp: 6243
 Ion Ratio Lower Upper
 152 100
 150 156.9 121.8 182.8
 115 61.8 46.6 69.8



#2
 1,4-Dioxane
 Concen: 2.32 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.016 min
 Lab File: BN014114.D
 Acq: 25 Mar 2021 19:49

Tgt Ion: 88 Resp: 19110
 Ion Ratio Lower Upper
 88 100
 58 79.2 64.6 96.8
 43 39.6 26.6 40.0

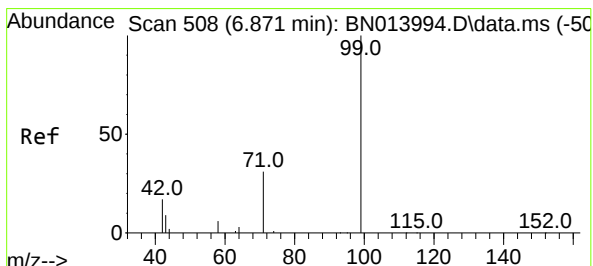
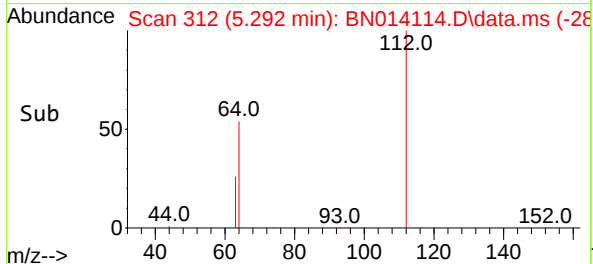
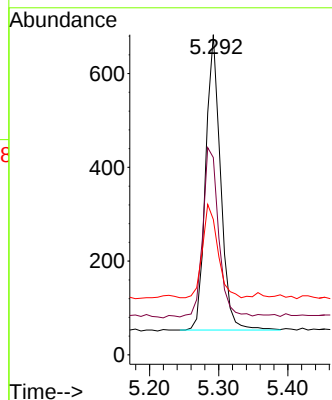
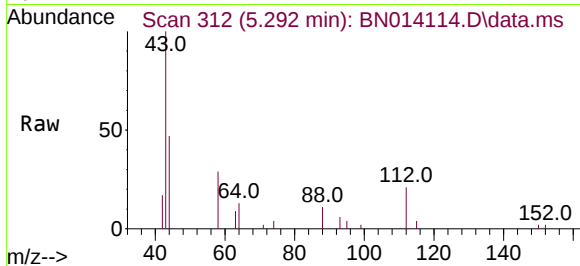




#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014114.D
Acq: 25 Mar 2021 19:49

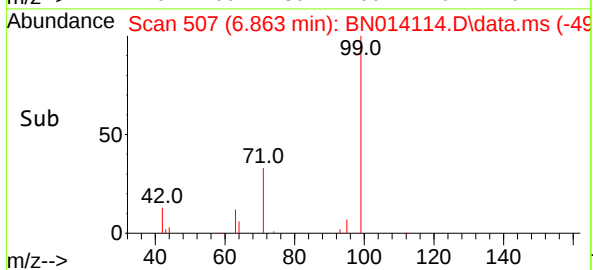
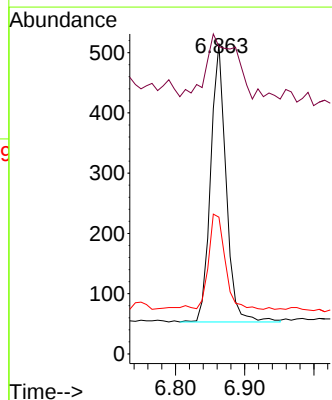
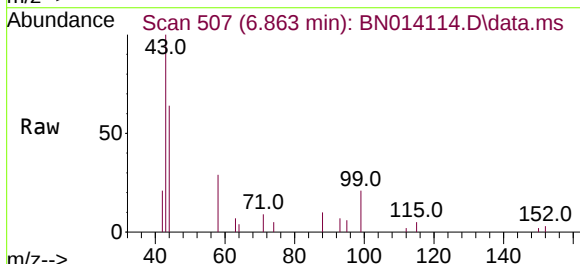
Instrument :
BNA_N
ClientSampleId :
RE-125D1-20210319DL

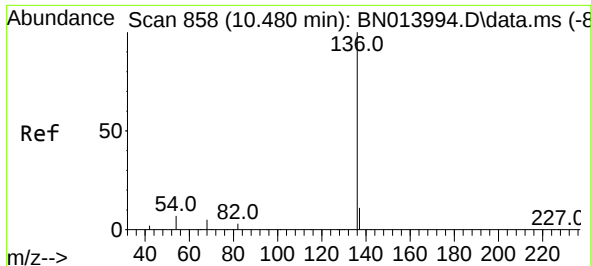
Tgt Ion:112 Resp: 941
Ion Ratio Lower Upper
112 100
64 62.8 44.3 66.5
63 32.7 23.0 34.6



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014114.D
Acq: 25 Mar 2021 19:49

Tgt Ion: 99 Resp: 713
Ion Ratio Lower Upper
99 100
42 44.6 15.2 22.8#
71 38.4 26.1 39.1

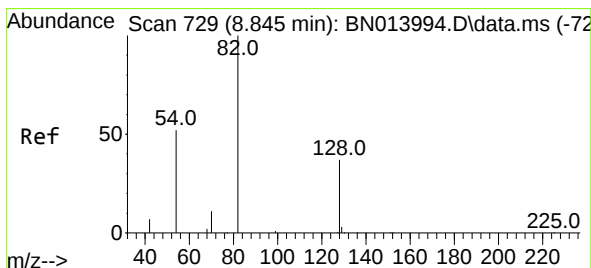
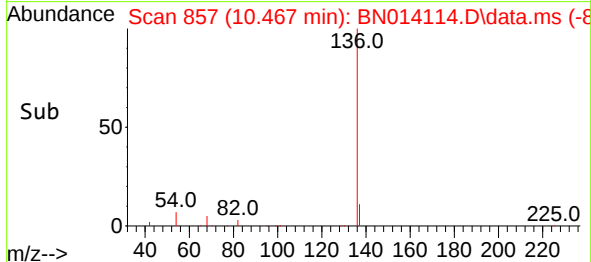
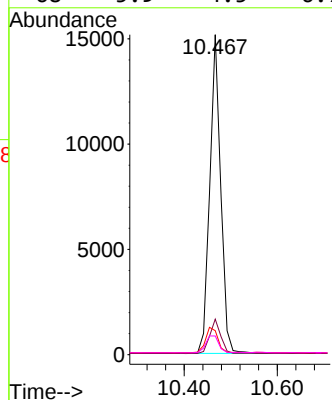
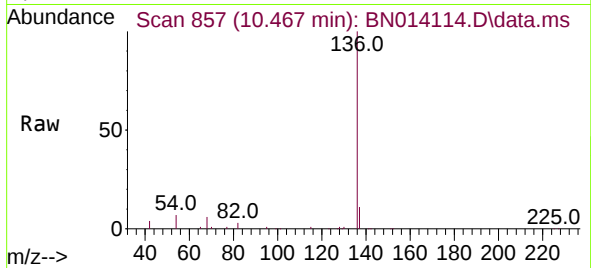




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014114.D
Acq: 25 Mar 2021 19:49

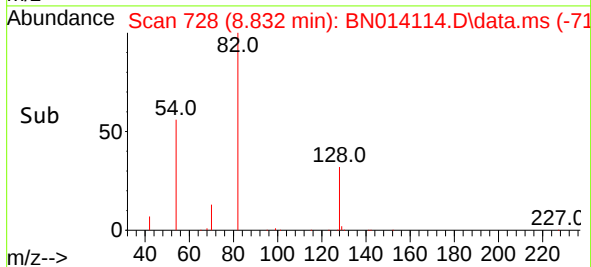
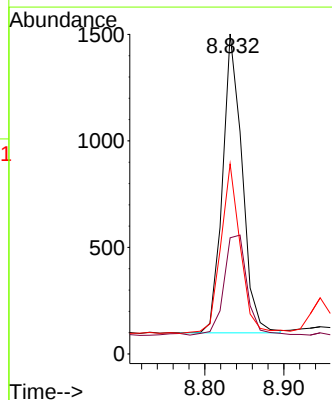
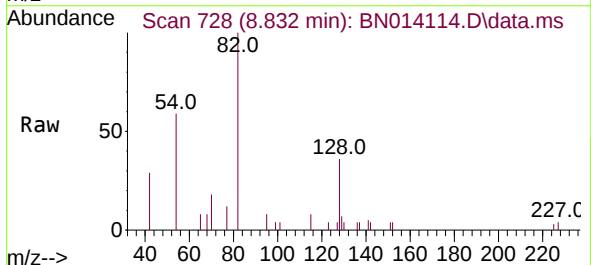
Instrument :
BNA_N
ClientSampleId :
RE-125D1-20210319DL

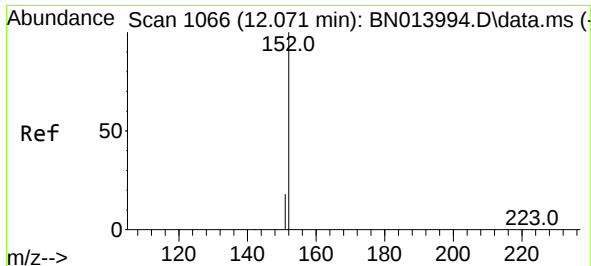
Tgt Ion:136	Resp:	24799
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	7.5	6.4 9.6
68	5.9	4.5 6.7



#8
Nitrobenzene-d5
Concen: 0.15 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014114.D
Acq: 25 Mar 2021 19:49

Tgt Ion: 82	Resp:	2414
Ion Ratio	Lower	Upper
82	100	
128	36.3	39.2 58.8#
54	59.4	40.1 60.1

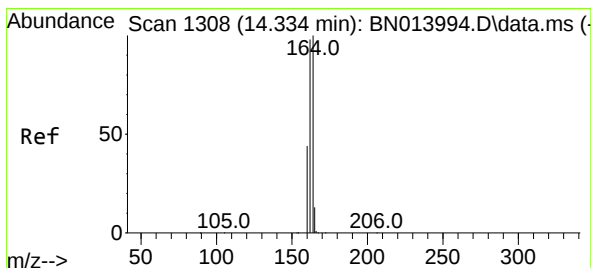
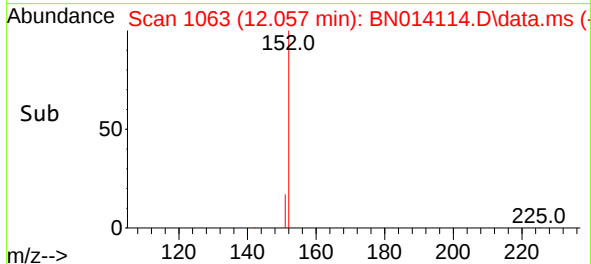
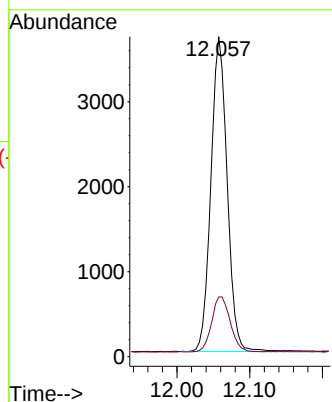
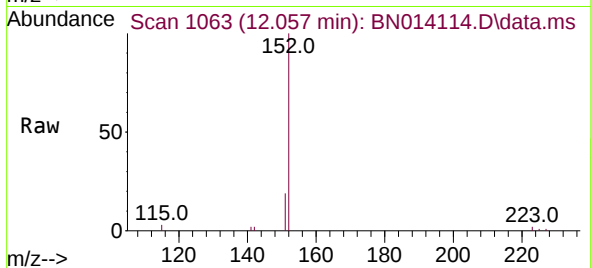




#11
2-Methylnaphthalene-d10
Concen: 0.15 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.009 min
Lab File: BN014114.D
Acq: 25 Mar 2021 19:49

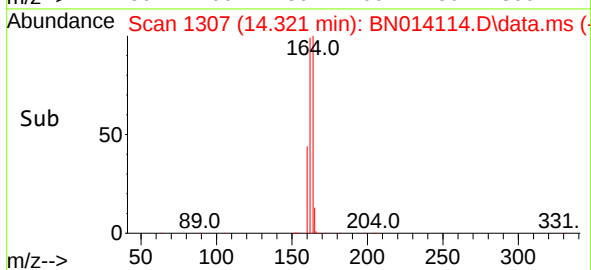
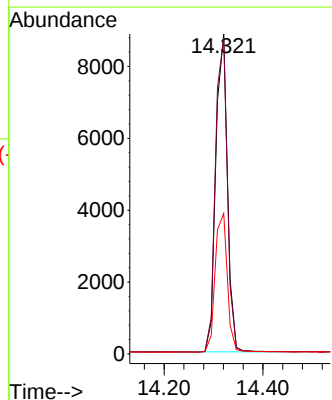
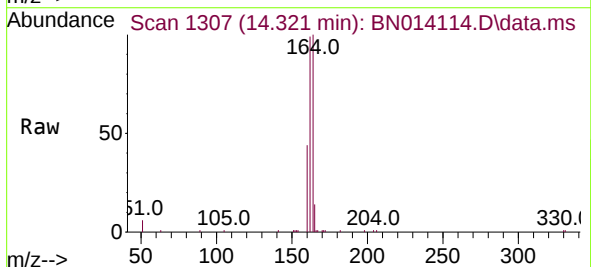
Instrument :
BNA_N
ClientSampleId :
RE-125D1-20210319DL

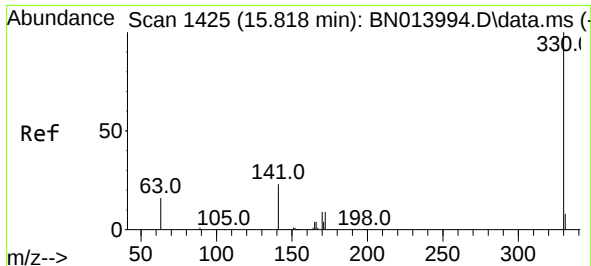
Tgt Ion:152 Resp: 5747
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014114.D
Acq: 25 Mar 2021 19:49

Tgt Ion:164 Resp: 14434
Ion Ratio Lower Upper
164 100
162 98.8 79.6 119.4
160 43.9 36.0 54.0

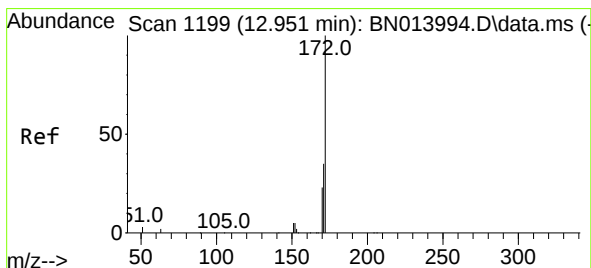
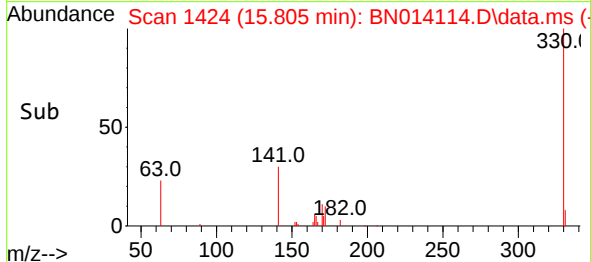
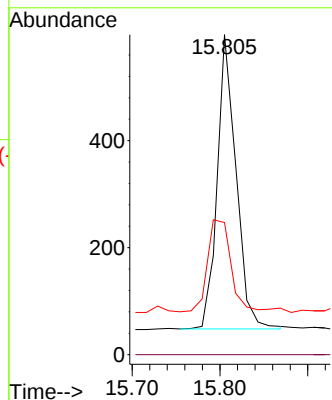
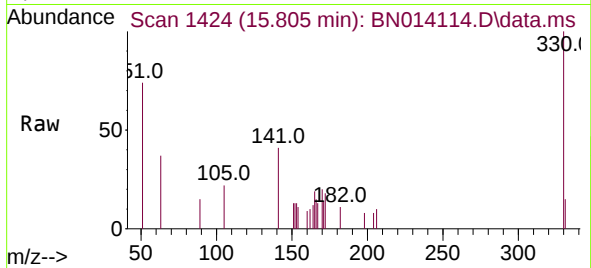




#14
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014114.D
Acq: 25 Mar 2021 19:49

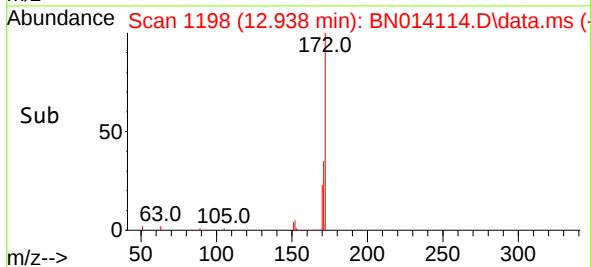
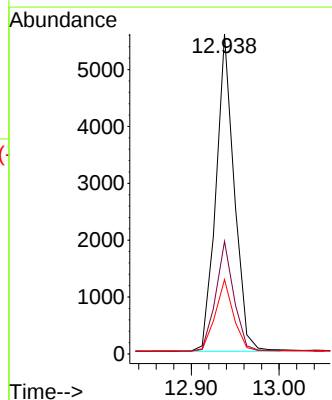
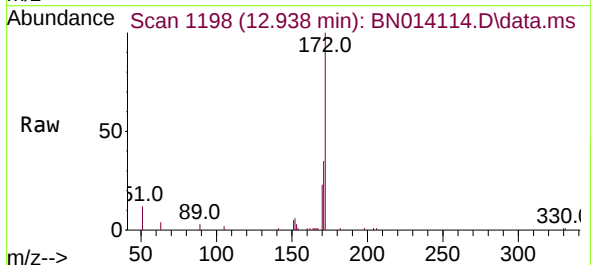
Instrument :
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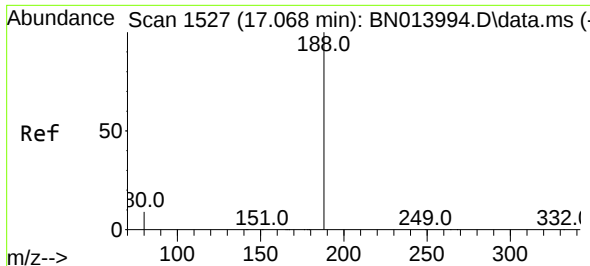
Tgt Ion: 330 Resp: 822
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.7 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.15 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014114.D
Acq: 25 Mar 2021 19:49

Tgt Ion: 172 Resp: 8063
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.2 18.9 28.3

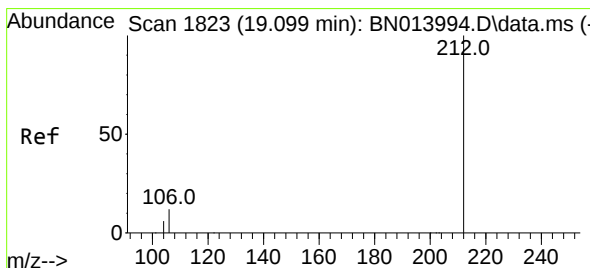
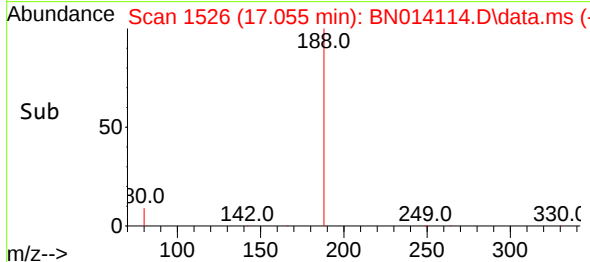
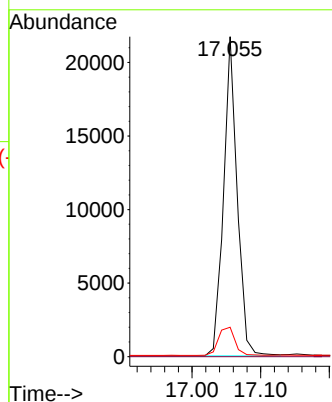
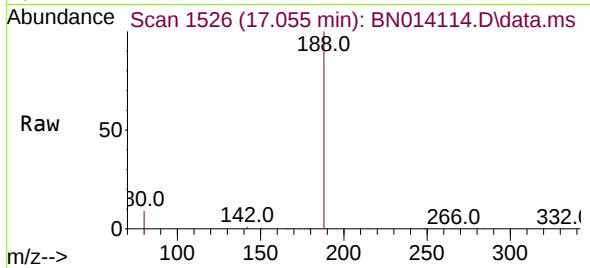




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014114.D
Acq: 25 Mar 2021 19:49

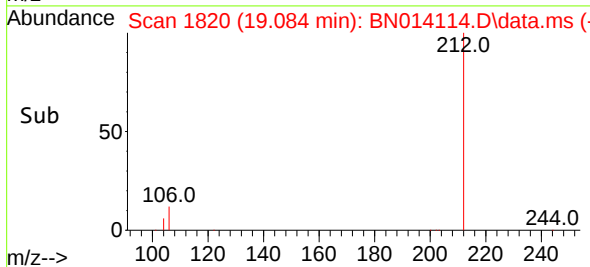
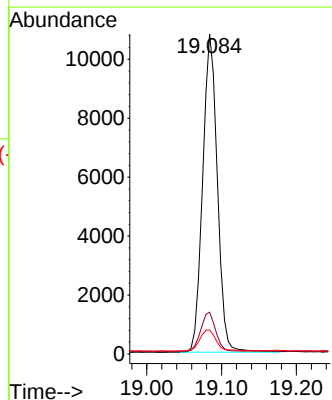
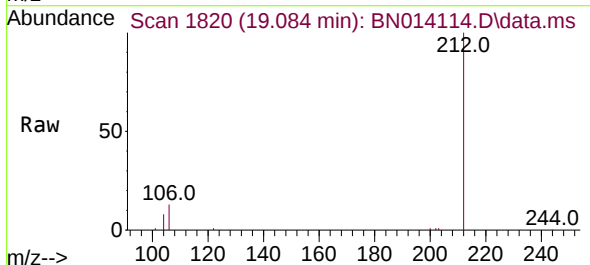
Instrument :
BNA_N
ClientSampleId :
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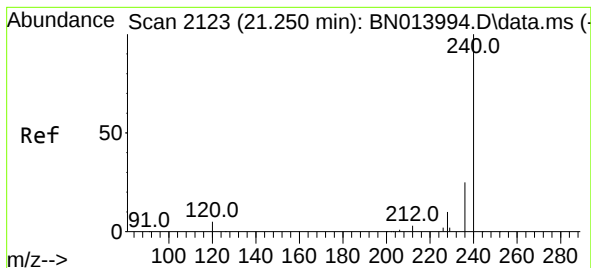
Tgt Ion:188	Resp:	29890
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.2	13.6



#27
Fluoranthene-d10
Concen: 0.18 ng
RT: 19.084 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN014114.D
Acq: 25 Mar 2021 19:49

Tgt Ion:212	Resp:	14741
Ion Ratio	Lower	Upper
212	100	
106	12.7	9.7
104	7.3	5.5





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.229 min Scan# 2121

Delta R.T. -0.010 min

Lab File: BN014114.D

Acq: 25 Mar 2021 19:49

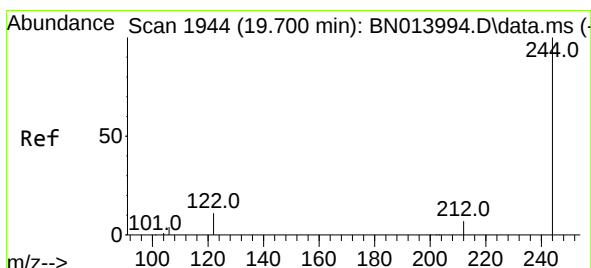
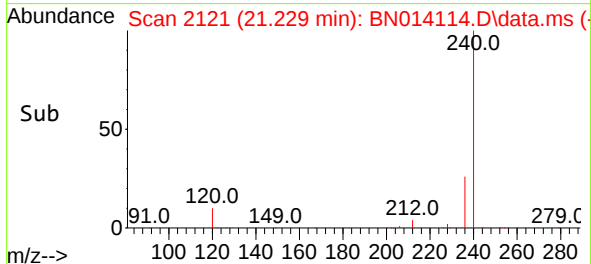
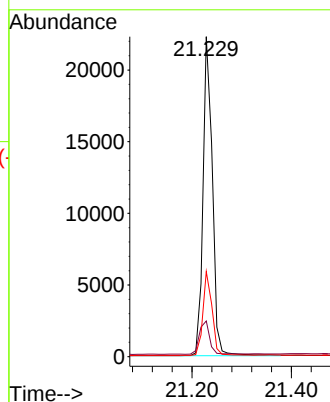
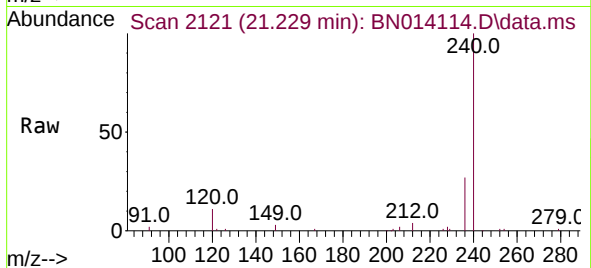
Tgt Ion:	240	Resp:	29060
Ion Ratio	Lower	Upper	
240	100		
120	11.2	10.2	15.4
236	26.6	21.3	31.9

Instrument :

BNA_N

ClientSampleId :

RE-125D1-20210319DL



#31

Terphenyl-d14

Concen: 0.24 ng

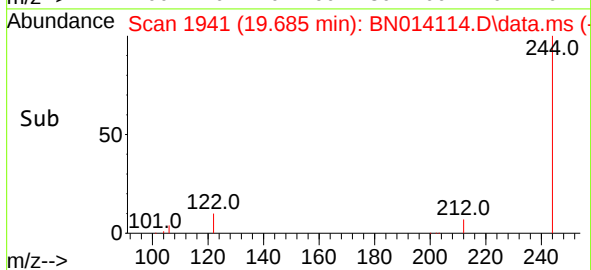
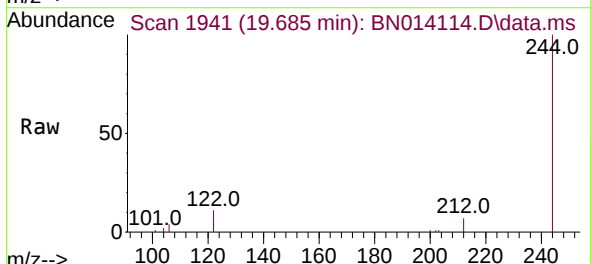
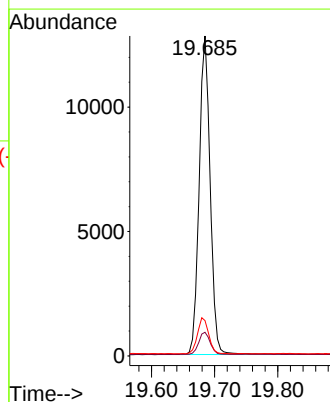
RT: 19.685 min Scan# 1941

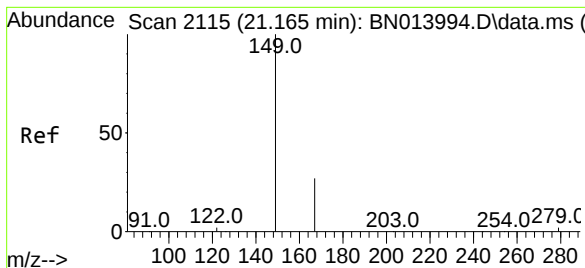
Delta R.T. -0.005 min

Lab File: BN014114.D

Acq: 25 Mar 2021 19:49

Tgt Ion:	244	Resp:	15519
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.1	9.1
122	11.1	9.8	14.8

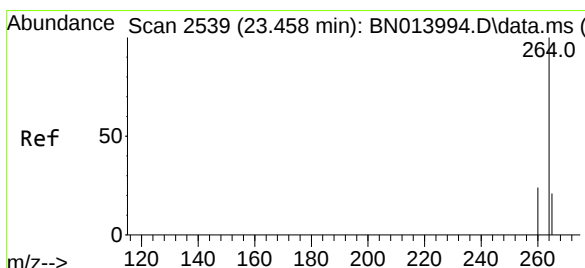
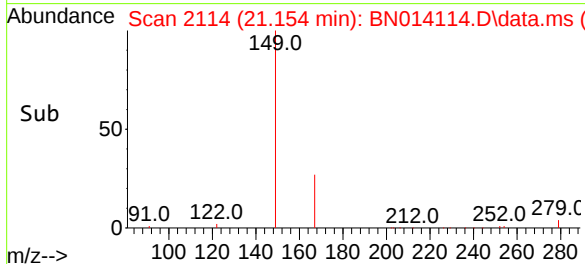
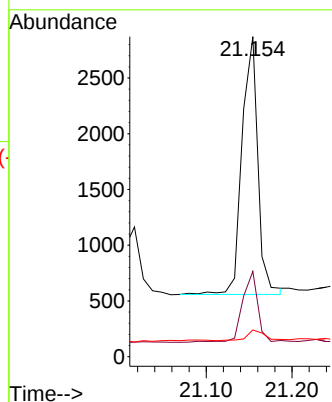
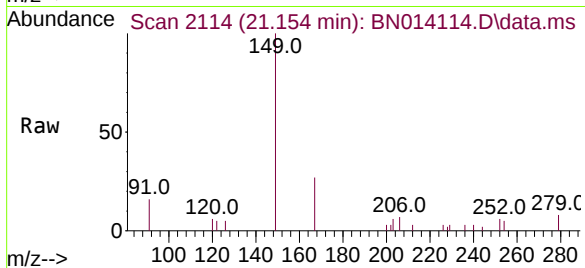




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014114.D
Acq: 25 Mar 2021 19:49

Instrument :
BNA_N
ClientSampleId :
RE-125D1-20210319DL

Tgt Ion:149 Resp: 2975
Ion Ratio Lower Upper
149 100
167 27.0 22.1 33.1
279 4.7 3.5 5.3



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.434 min Scan# 2532
Delta R.T. -0.013 min
Lab File: BN014114.D
Acq: 25 Mar 2021 19:49

Tgt Ion:264 Resp: 28816
Ion Ratio Lower Upper
264 100
260 24.4 19.3 28.9
265 30.4 66.2 99.4#

