

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014086.D
 Acq On : 25 Mar 2021 00:34
 Operator : CG/JU
 Sample : M1787-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-122D2-20210319

Quant Time: Mar 25 05:39:02 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)

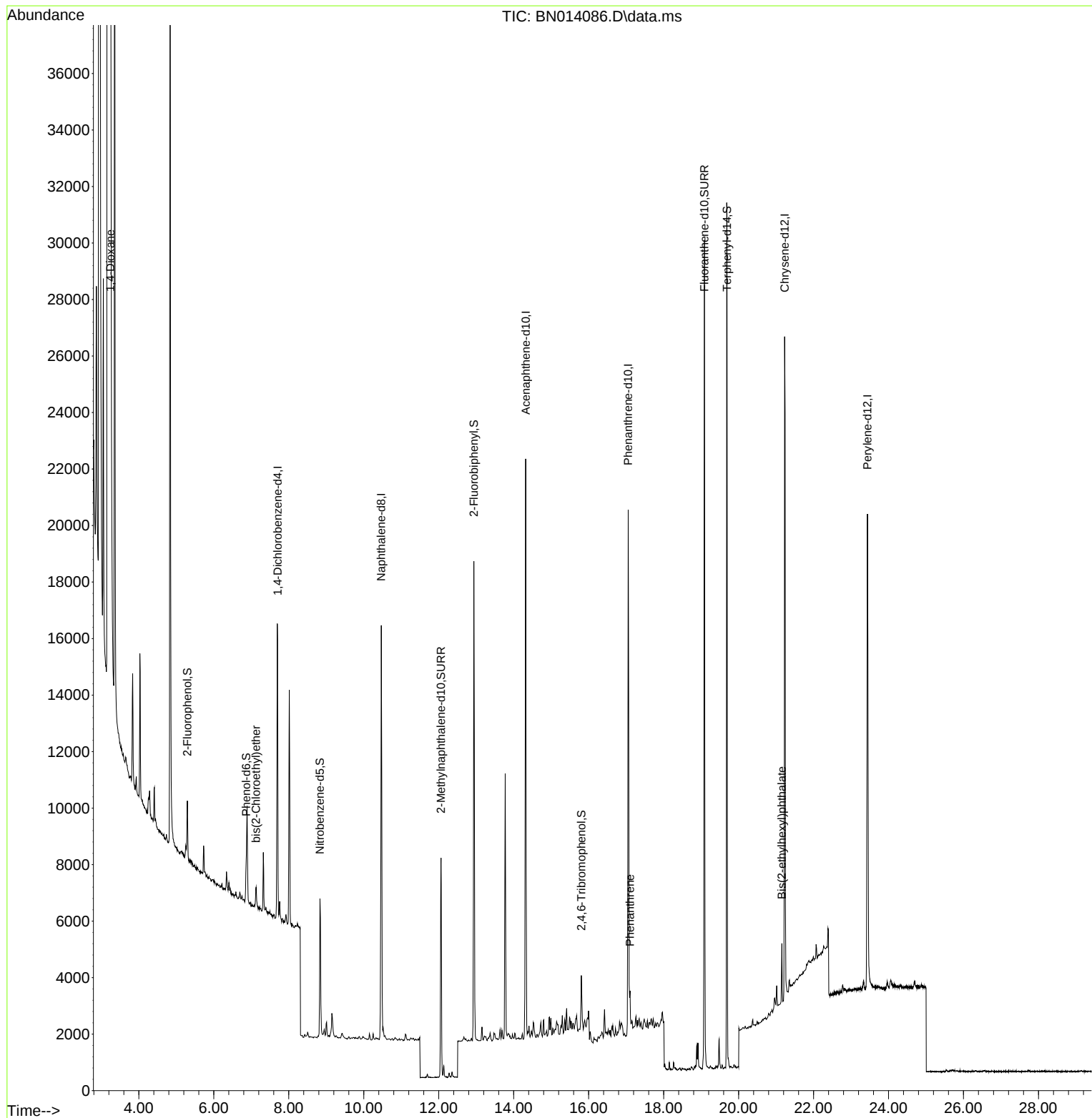
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	4911	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	18985	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	11200	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	25376	0.40	ng	-0.01
29) Chrysene-d12	21.229	240	24729	0.40	ng	-0.01
36) Perylene-d12	23.438	264	22637	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1590	0.14	ng	0.00
5) Phenol-d6	6.863	99	1132	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	4294	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	10894	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1288	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	14749	0.35	ng	-0.01
27) Fluoranthene-d10	19.089	212	32486	0.46	ng	0.00
31) Terphenyl-d14	19.690	244	29987	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	26364	4.07	ng	# 57
6) bis(2-Chloroethyl)ether	7.128	93	752	0.06	ng	# 79
25) Phenanthrene	17.104	178	1564	0.02	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.154	149	1962	0.07	ng	93

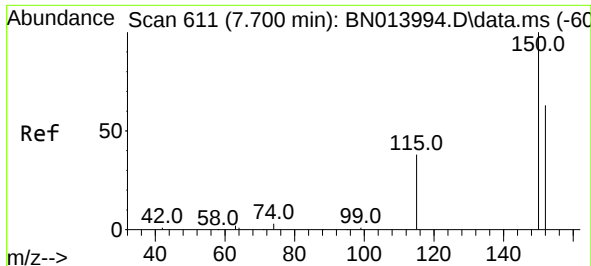
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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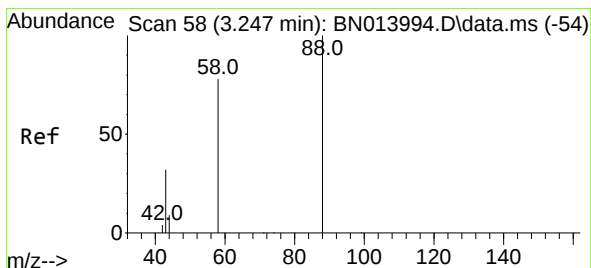
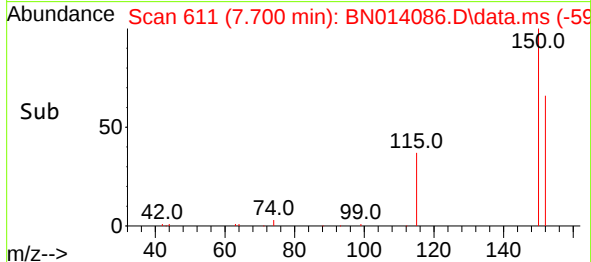
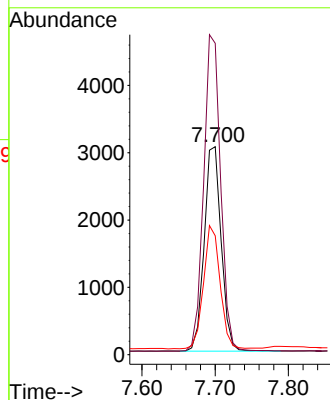
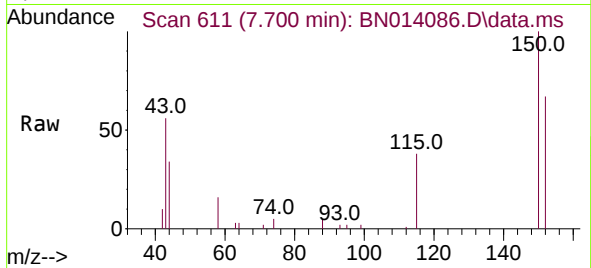




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014086.D
 Acq: 25 Mar 2021 00:34

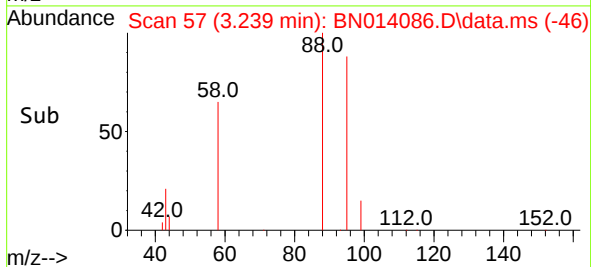
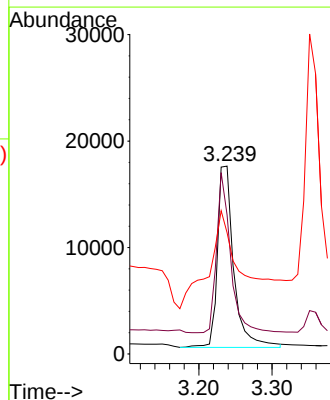
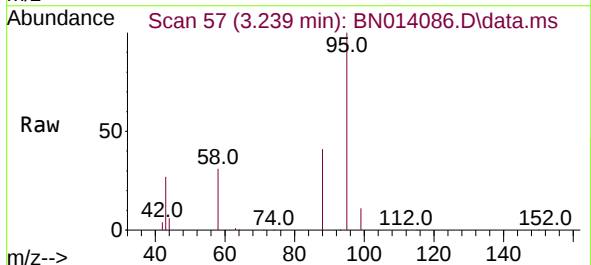
Instrument :
 BNA_N
 ClientSampleId :
 RE-122D2-20210319

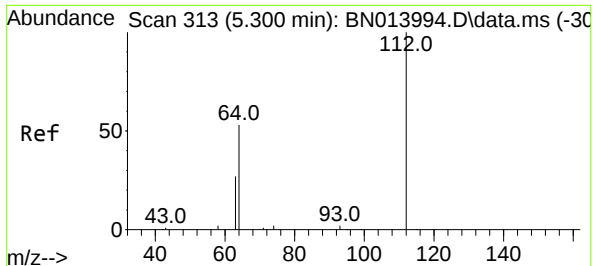
Tgt Ion:152 Resp: 4911
 Ion Ratio Lower Upper
 152 100
 150 149.7 121.8 182.8
 115 57.1 46.6 69.8



#2
 1,4-Dioxane
 Concen: 4.07 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014086.D
 Acq: 25 Mar 2021 00:34

Tgt Ion: 88 Resp: 26364
 Ion Ratio Lower Upper
 88 100
 58 75.4 64.6 96.8
 43 109.2 26.6 40.0#

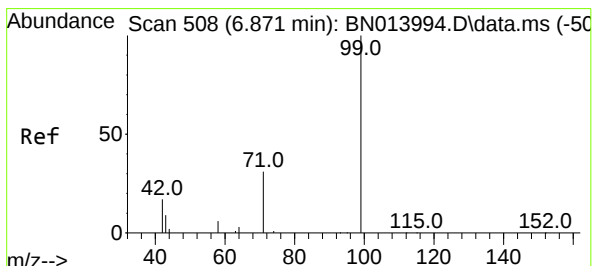
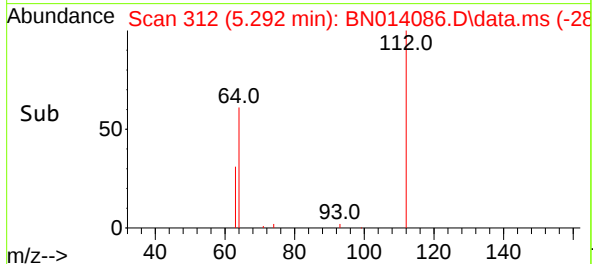
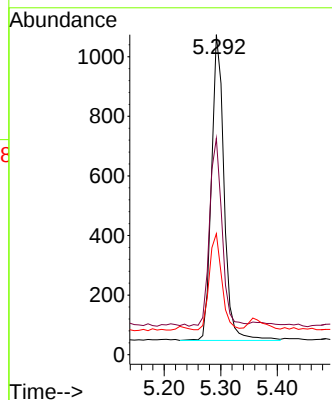
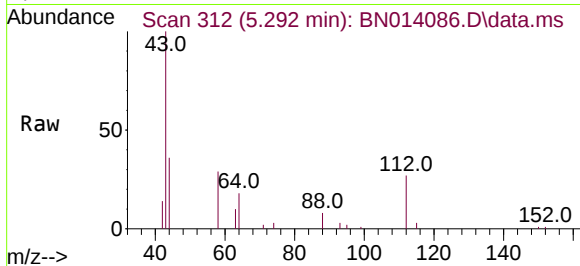




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

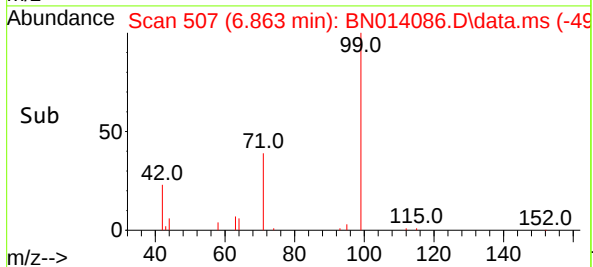
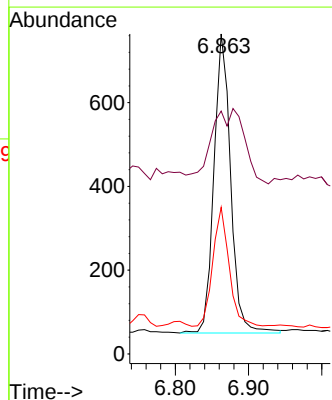
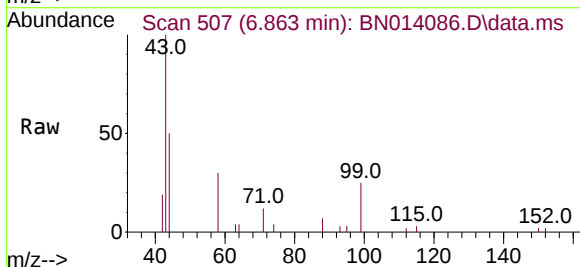
Instrument :
BNA_N
ClientSampleId :
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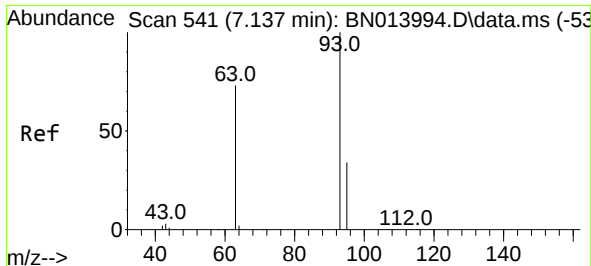
Tgt Ion:	112	Resp:	1590
Ion	Ratio	Lower	Upper
112	100		
64	60.8	44.3	66.5
63	30.9	23.0	34.6



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

Tgt Ion:	99	Resp:	1132
Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.2	22.8
71	38.8	26.1	39.1

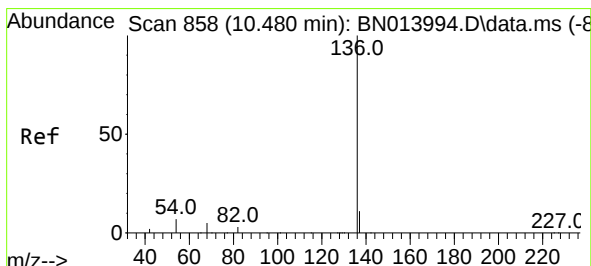
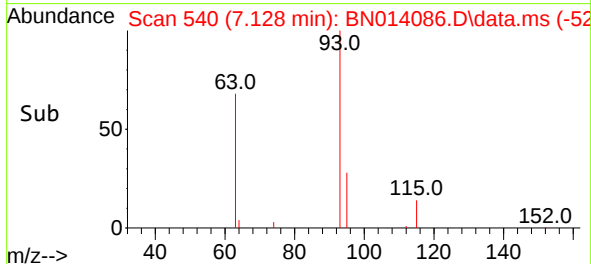
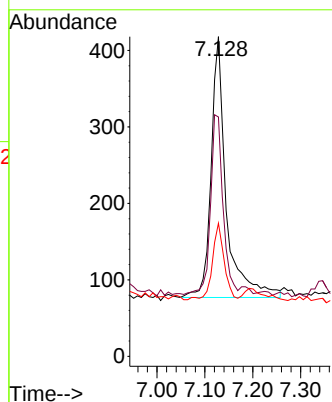
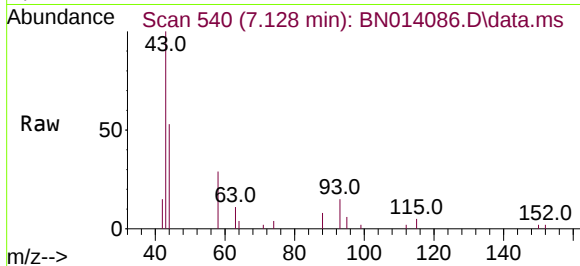




#6
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 7.128 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

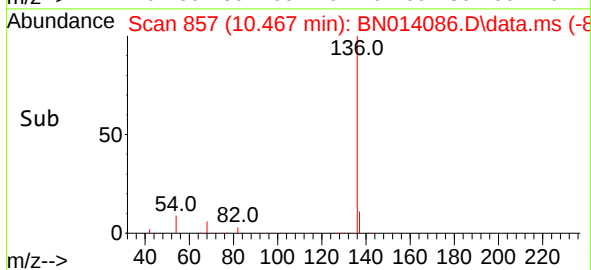
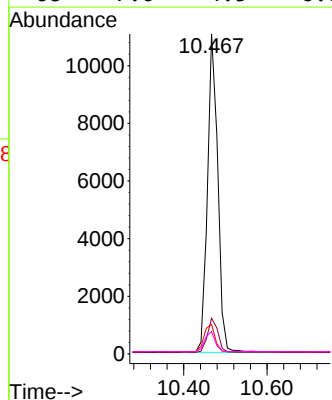
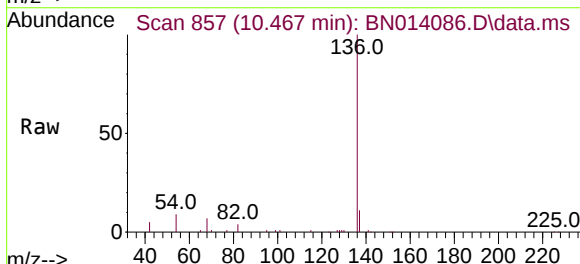
Instrument :
BNA_N
ClientSampleId :
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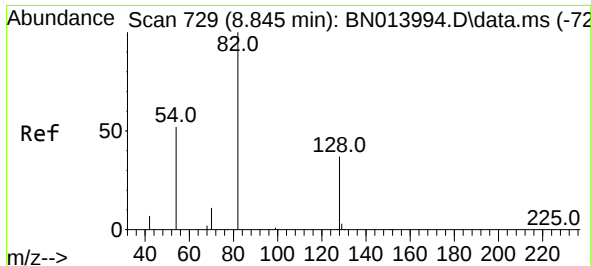
Tgt Ion: 93 Resp: 752
Ion Ratio Lower Upper
93 100
63 56.6 60.8 91.2#
95 22.7 26.0 39.0#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

Tgt Ion: 136 Resp: 18985
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.3 6.4 9.6
68 7.0 4.5 6.7#

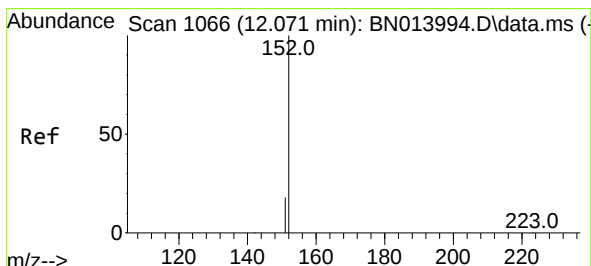
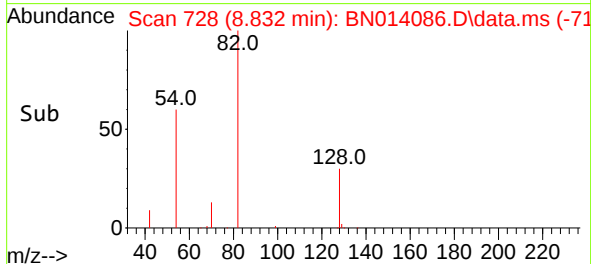
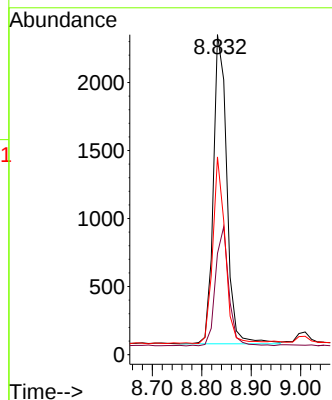
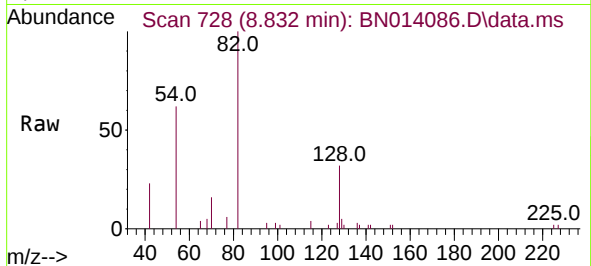




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

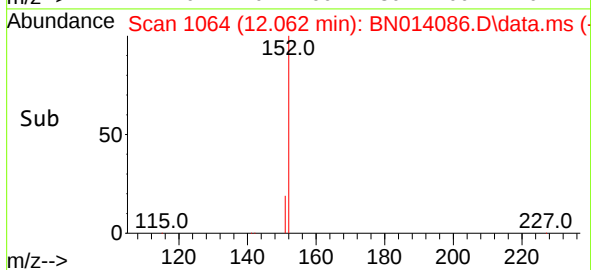
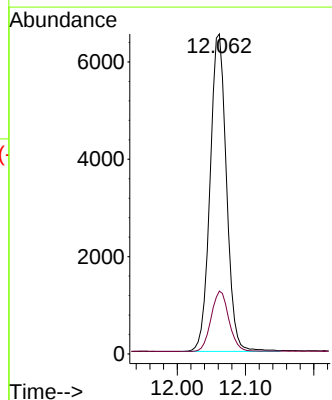
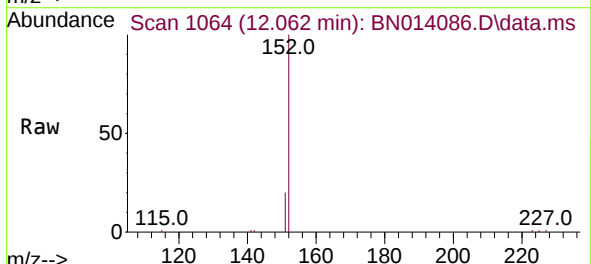
Instrument :
BNA_N
ClientSampleId :
RE-122D2-20210319

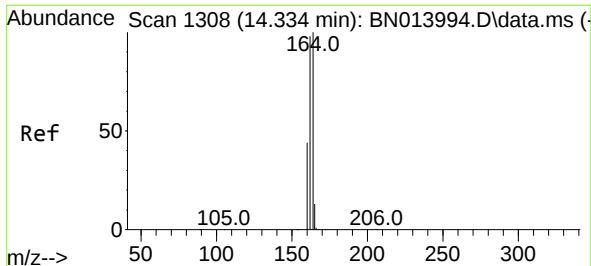
Tgt Ion: 82 Resp: 4294
Ion Ratio Lower Upper
82 100
128 31.6 39.2 58.8#
54 61.8 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

Tgt Ion: 152 Resp: 10894
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2

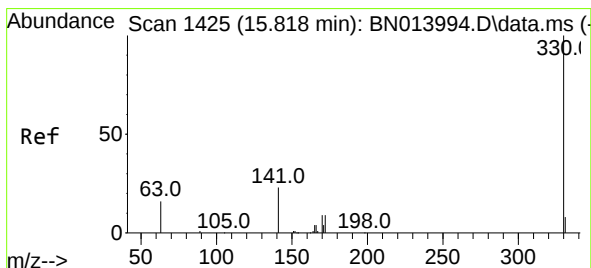
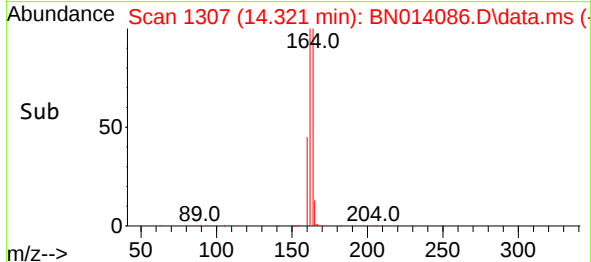
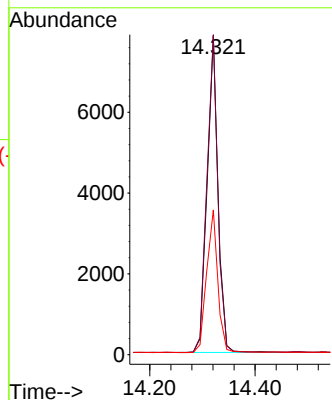
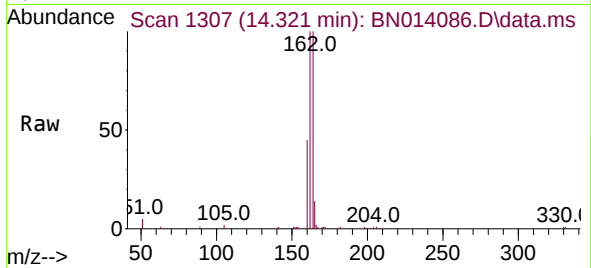




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

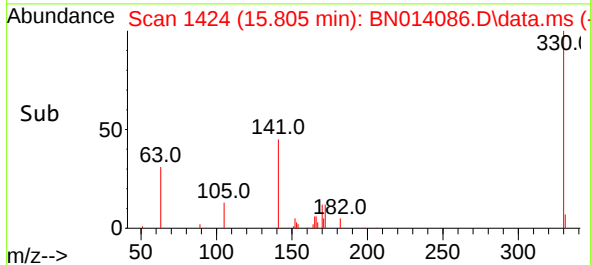
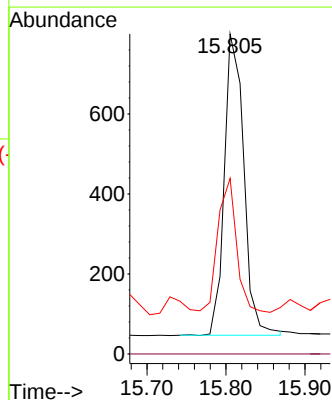
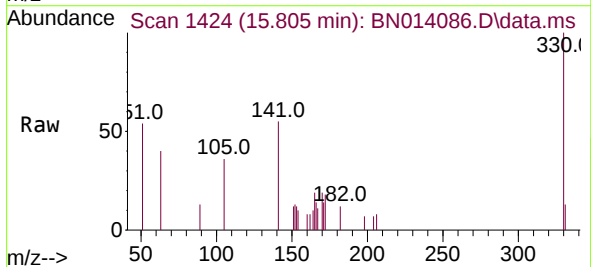
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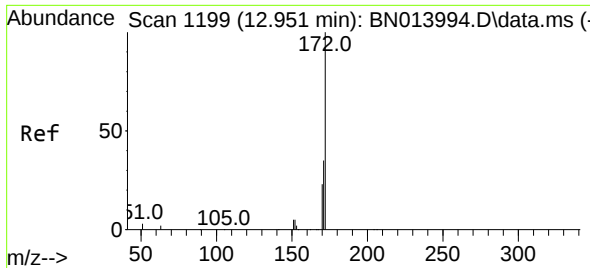
Tgt Ion:164 Resp: 11200
Ion Ratio Lower Upper
164 100
162 100.3 79.6 119.4
160 45.4 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

Tgt Ion:330 Resp: 1288
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.4 26.8 40.2#

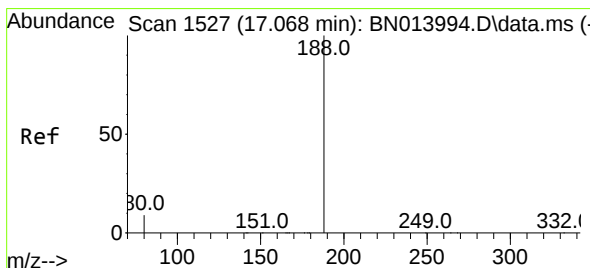
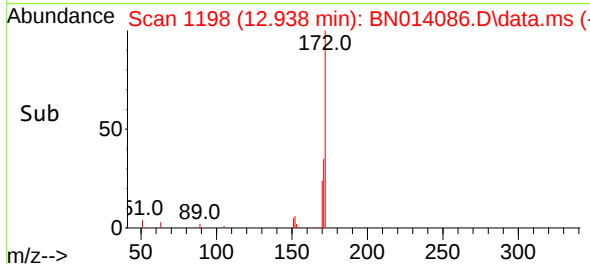
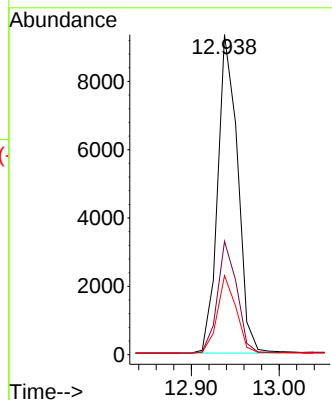
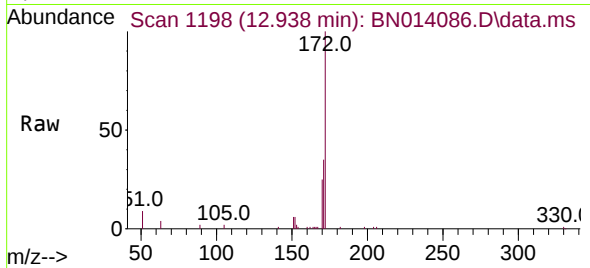




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

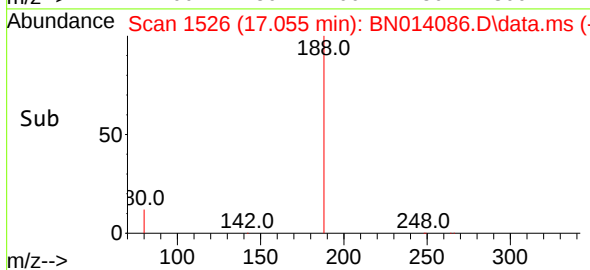
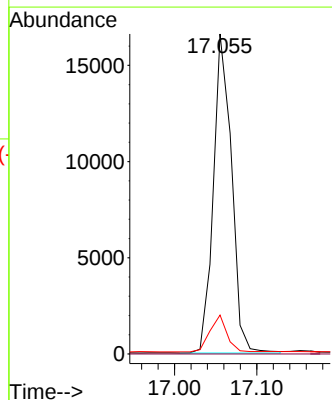
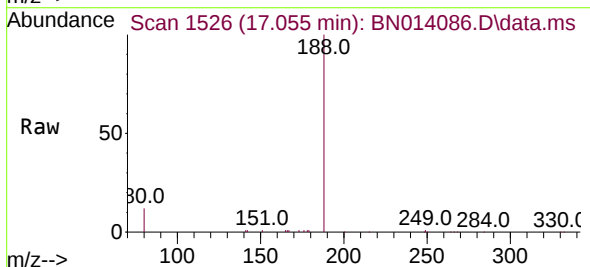
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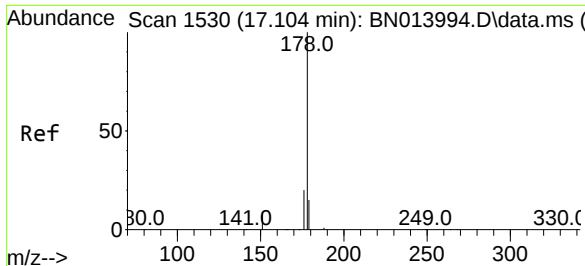
Tgt Ion:172	Resp:	14749
Ion Ratio	Lower	Upper
172	100	
171	35.5	28.6 42.8
170	24.7	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

Tgt Ion:188	Resp:	25376
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.1	9.0 13.6

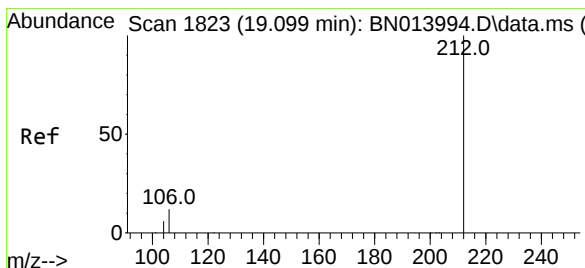
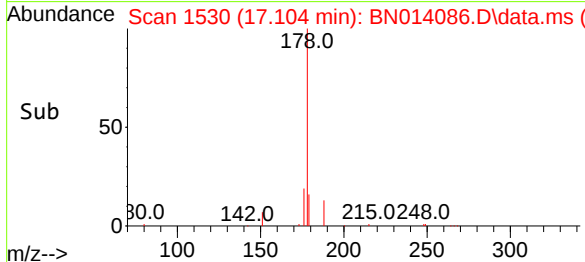
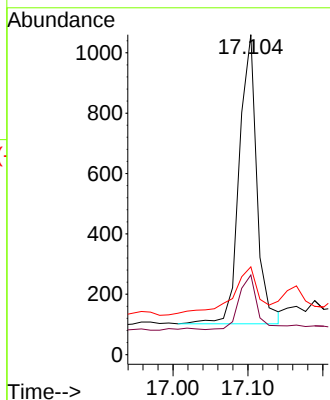
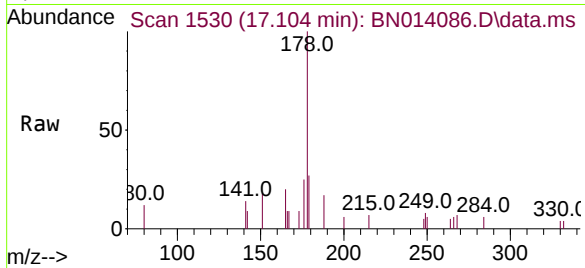




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

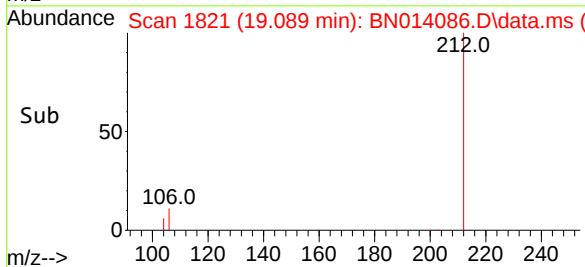
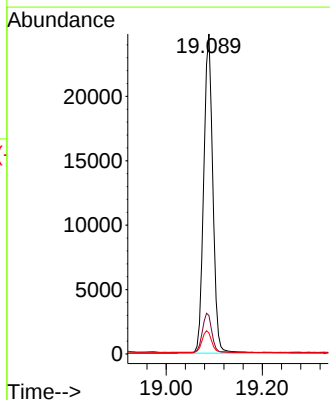
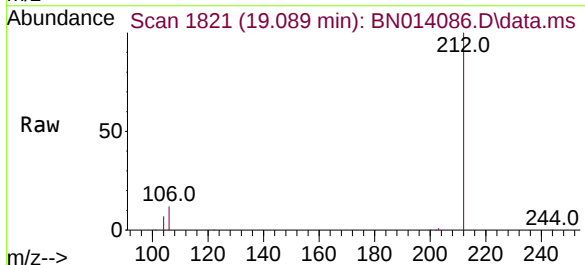
Instrument :
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RE-122D2-20210319

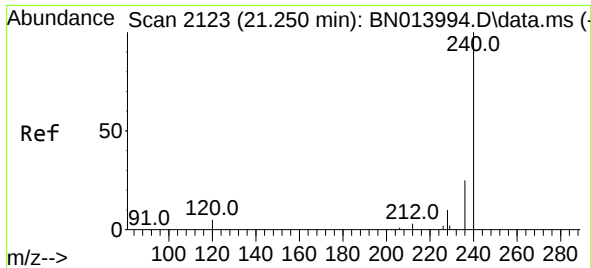
Tgt Ion:	178	Resp:	1564
Ion Ratio	Lower	Upper	
178	100		
176	22.2	15.0	22.4
179	25.8	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.46 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

Tgt Ion:	212	Resp:	32486
Ion Ratio	Lower	Upper	
212	100		
106	12.6	9.7	14.5
104	7.1	5.5	8.3

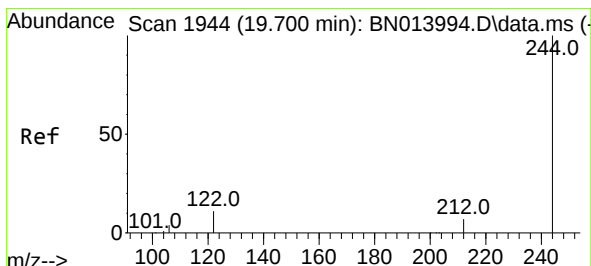
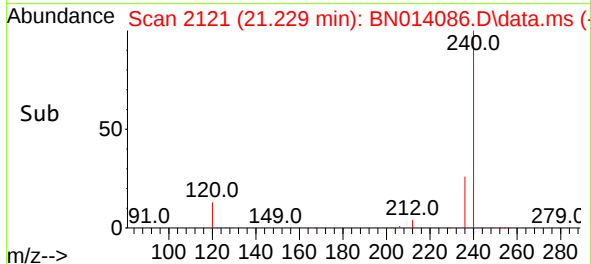
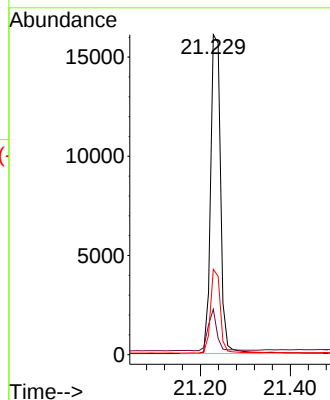
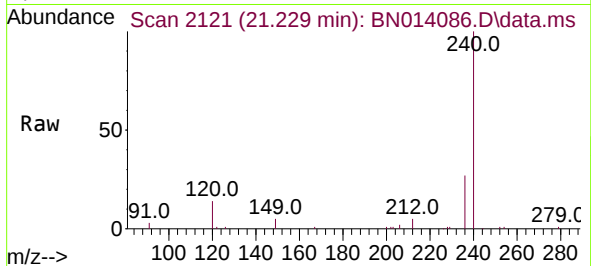




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.010 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

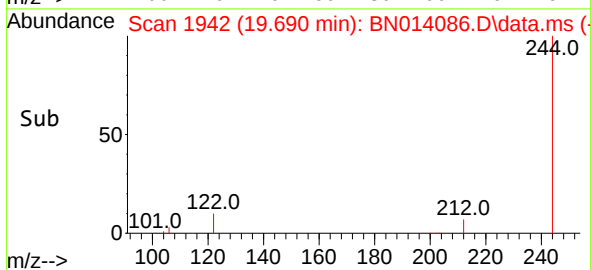
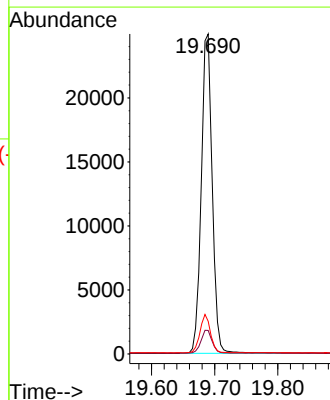
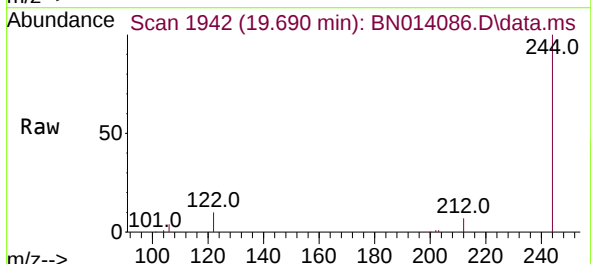
Instrument :
BNA_N
ClientSampleId :
RE-122D2-20210319

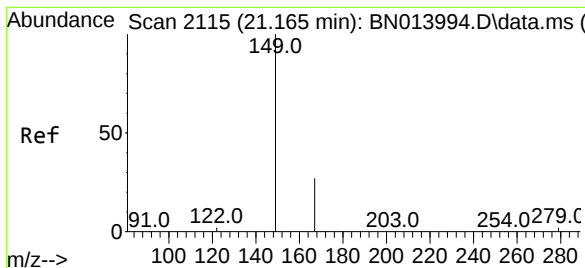
Tgt Ion:240	Resp:	24729
Ion Ratio	Lower	Upper
240	100	
120	14.2	10.2 15.4
236	26.7	21.3 31.9



#31
Terphenyl-d14
Concen: 0.55 ng
RT: 19.690 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN014086.D
Acq: 25 Mar 2021 00:34

Tgt Ion:244	Resp:	29987
Ion Ratio	Lower	Upper
244	100	
212	7.3	6.1 9.1
122	10.2	9.8 14.8

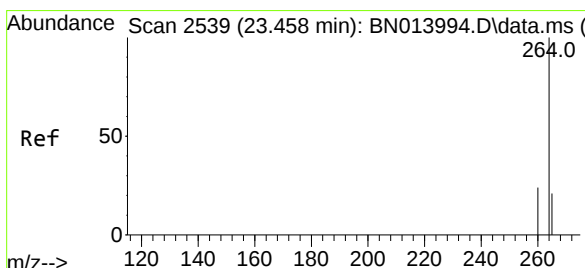
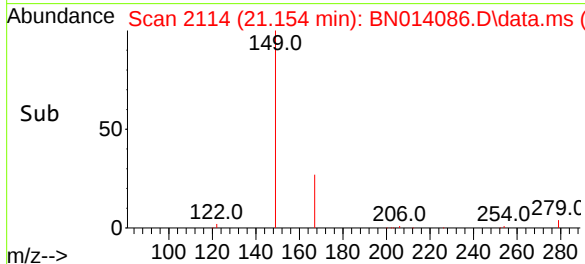
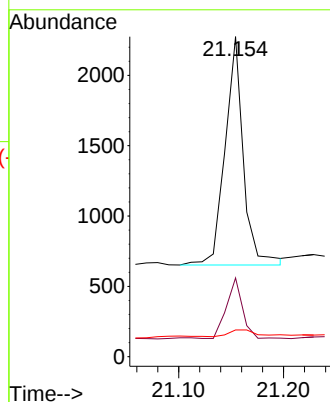
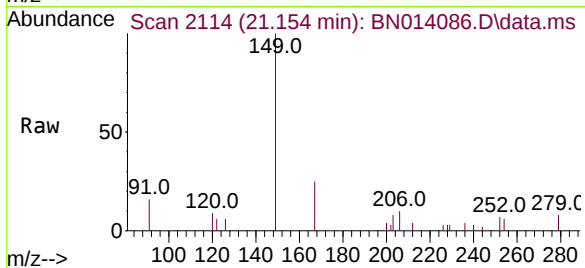




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.07 ng
 RT: 21.154 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BN014086.D
 Acq: 25 Mar 2021 00:34

Instrument :
 BNA_N
 ClientSampleId :
 RE-122D2-20210319

Tgt Ion:149 Resp: 1962
 Ion Ratio Lower Upper
 149 100
 167 23.1 22.1 33.1
 279 4.2 3.5 5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.438 min Scan# 2533
 Delta R.T. -0.010 min
 Lab File: BN014086.D
 Acq: 25 Mar 2021 00:34

Tgt Ion:264 Resp: 22637
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.3 28.9
 265 35.3 66.2 99.4#

