

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014082.D
 Acq On : 24 Mar 2021 22:11
 Operator : CG/JU
 Sample : M1787-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-126D2-20210319

Quant Time: Mar 25 05:38:36 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)

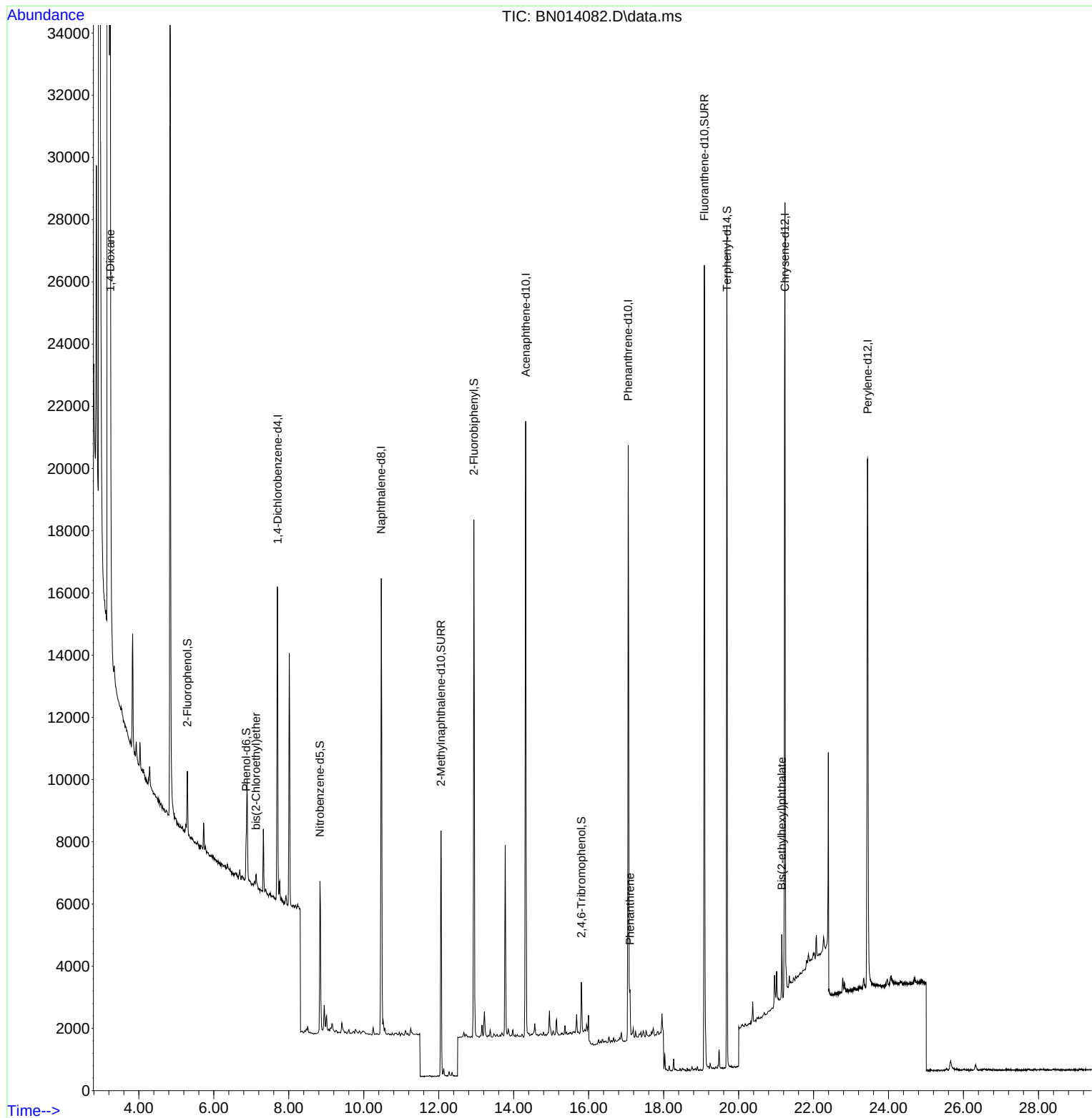
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	4964	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	19339	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	11561	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	25920	0.40	ng	-0.01
29) Chrysene-d12	21.237	240	25297	0.40	ng	# 0.00
36) Perylene-d12	23.442	264	23831	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1553	0.14	ng	0.00
5) Phenol-d6	6.863	99	1099	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	4222	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	10581	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1143	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	14312	0.33	ng	-0.01
27) Fluoranthene-d10	19.086	212	30392	0.42	ng	0.00
31) Terphenyl-d14	19.687	244	25988	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	16990	2.60	ng	# 94
6) bis(2-Chloroethyl)ether	7.129	93	498	0.04	ng	# 77
25) Phenanthrene	17.104	178	1790	0.03	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.152	149	1900	0.07	ng	95

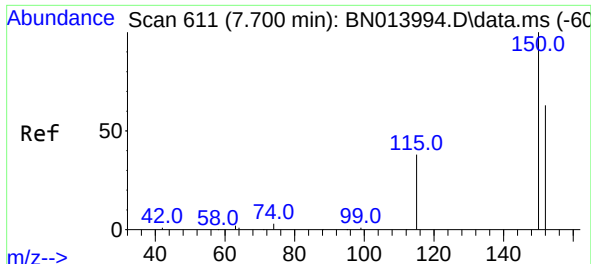
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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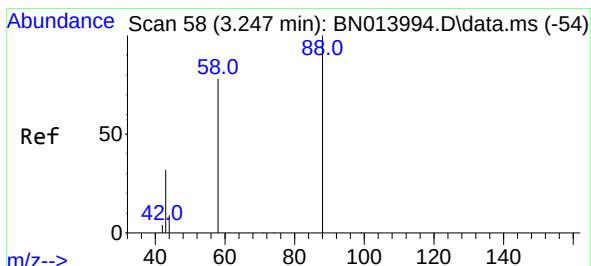
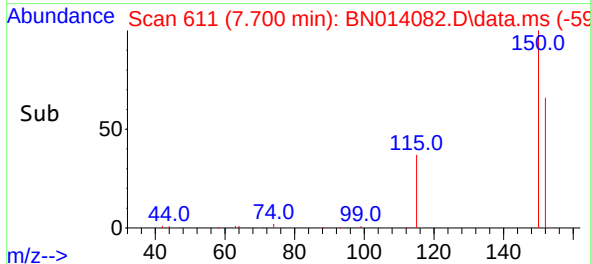
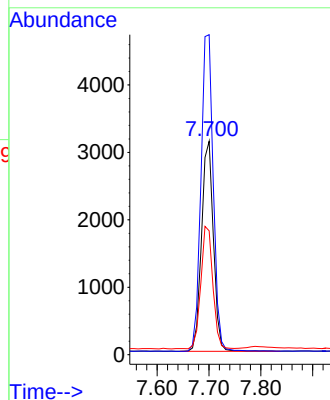
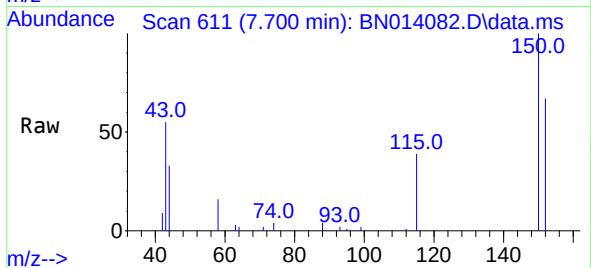


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014082.D
 Acq: 24 Mar 2021 22:11

Instrument :
 BNA_N
 ClientSampleId :
 RE-126D2-20210319

Tgt Ion: 152 Resp: 4964

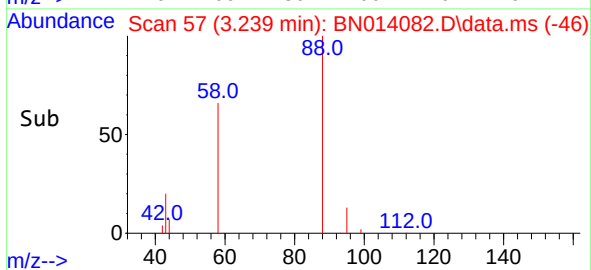
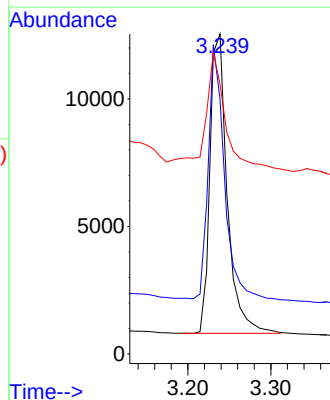
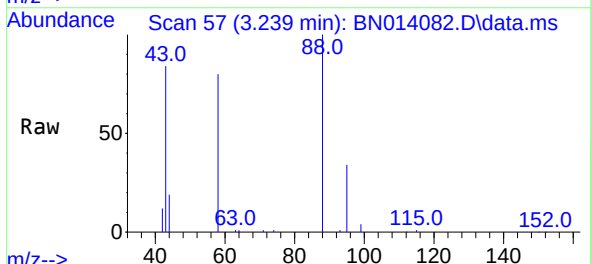
Ion	Ratio	Lower	Upper
152	100		
150	150.0	121.8	182.8
115	58.0	46.6	69.8

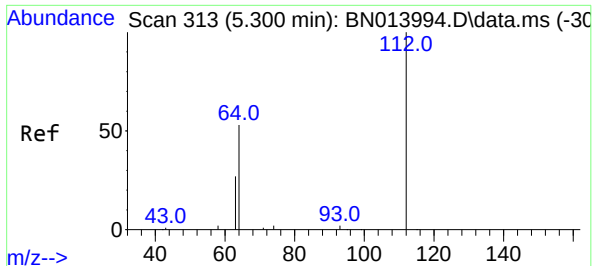


#2
 1,4-Dioxane
 Concen: 2.60 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014082.D
 Acq: 24 Mar 2021 22:11

Tgt Ion: 88 Resp: 16990

Ion	Ratio	Lower	Upper
88	100		
58	79.4	64.6	96.8
43	43.2	26.6	40.0

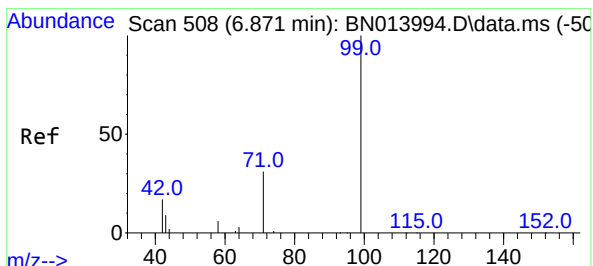
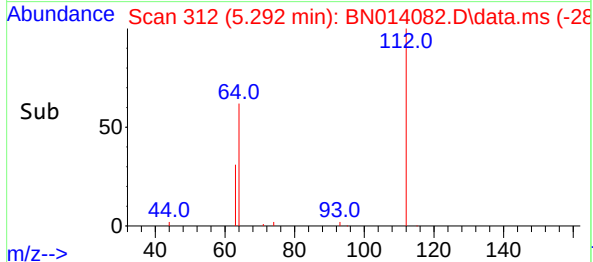
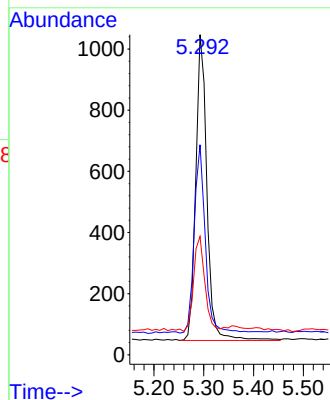
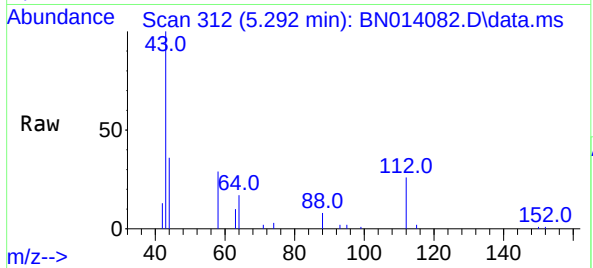




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

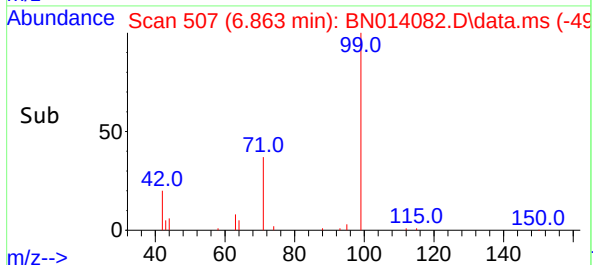
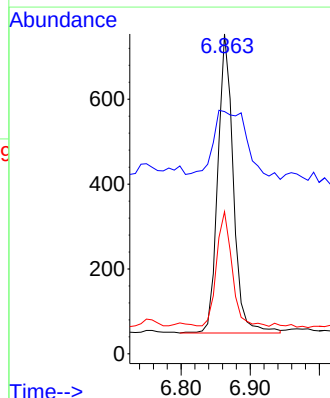
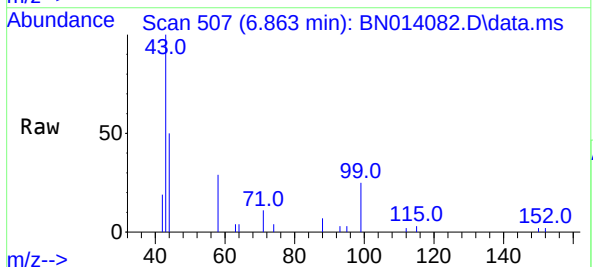
Instrument :
BNA_N
ClientSampleId :
RE-126D2-20210319

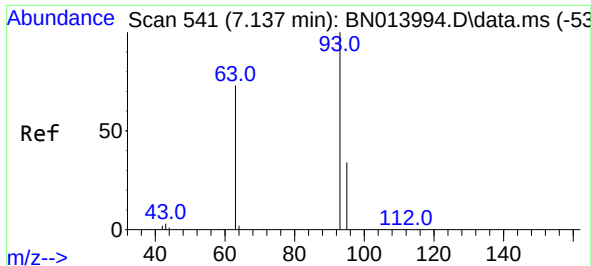
Tgt Ion:112 Resp: 1553
Ion Ratio Lower Upper
112 100
64 61.0 44.3 66.5
63 29.8 23.0 34.6



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion: 99 Resp: 1099
Ion Ratio Lower Upper
99 100
42 50.9 15.2 22.8#
71 38.5 26.1 39.1

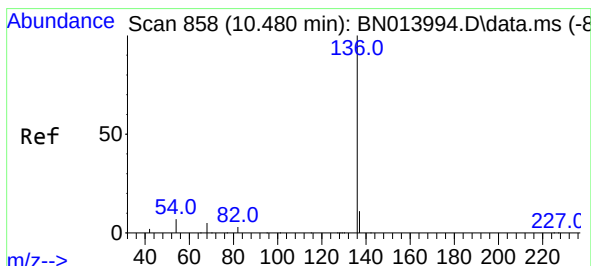
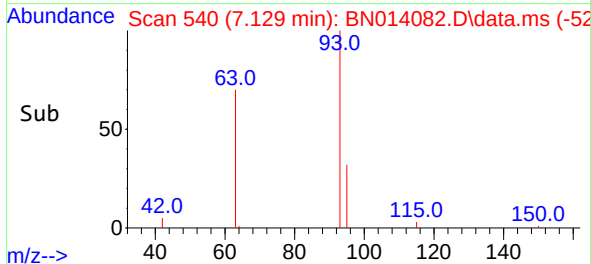
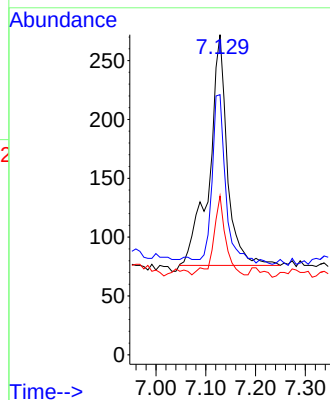
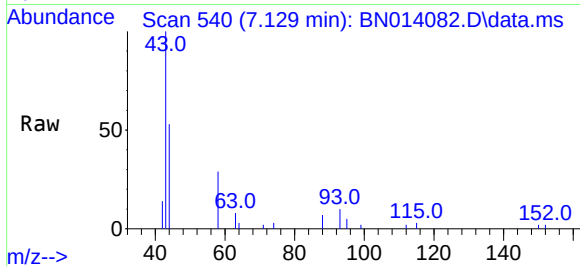




#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.129 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

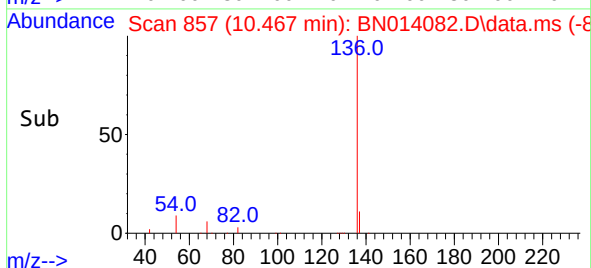
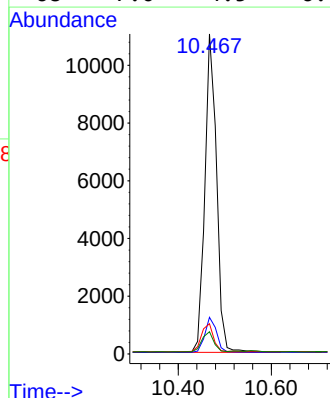
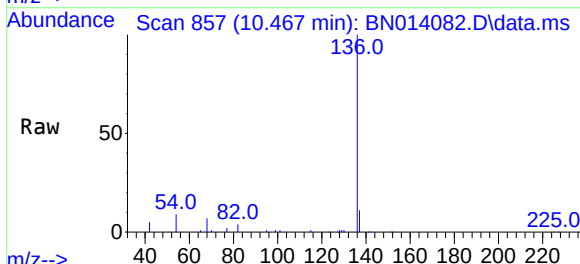
Instrument :
BNA_N
ClientSampleId :
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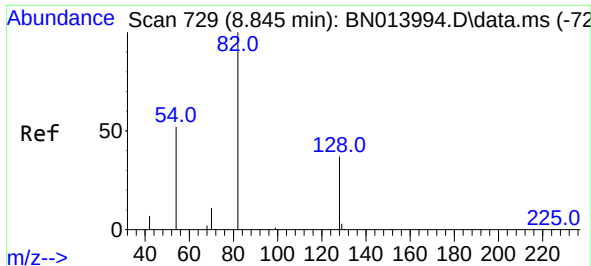
Tgt Ion:	93	Resp:	498
Ion	Ratio	Lower	Upper
93	100		
63	54.0	60.8	91.2#
95	22.3	26.0	39.0#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion:	136	Resp:	19339
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.5	6.4	9.6
68	7.0	4.5	6.7#

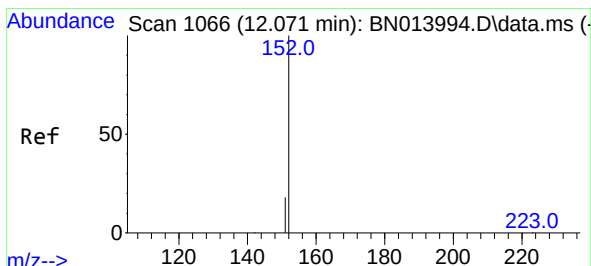
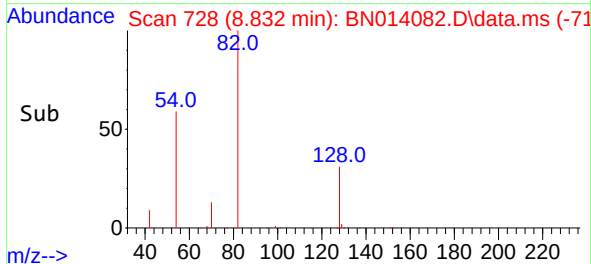
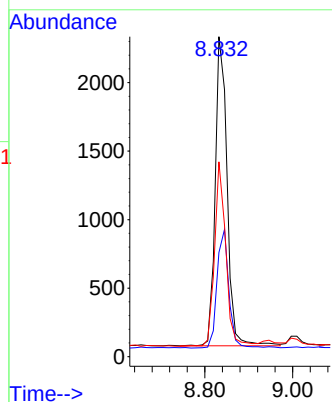
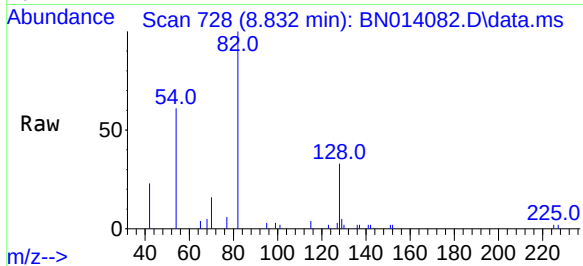




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

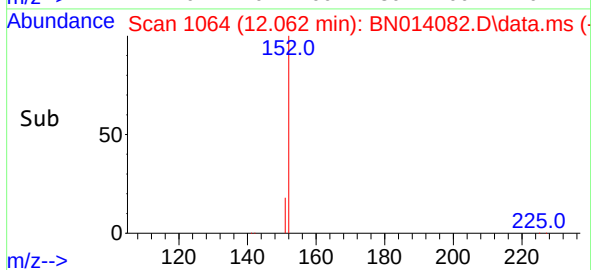
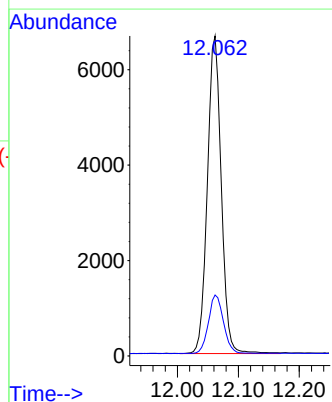
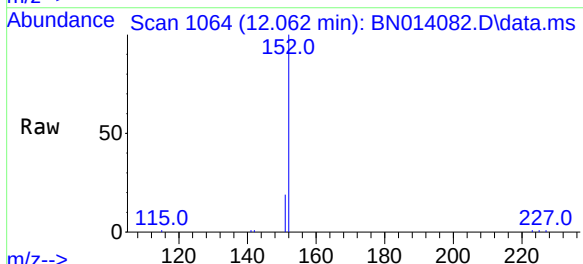
Instrument :
BNA_N
ClientSampleId :
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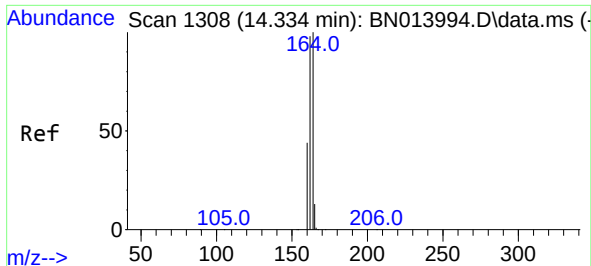
Tgt Ion: 82 Resp: 4222
Ion Ratio Lower Upper
82 100
128 32.5 39.2 58.8#
54 60.9 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion: 152 Resp: 10581
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2

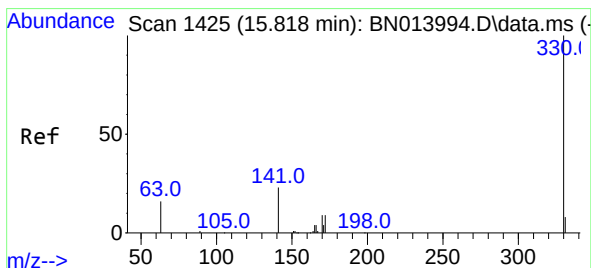
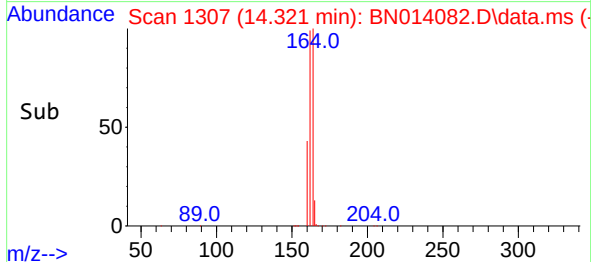
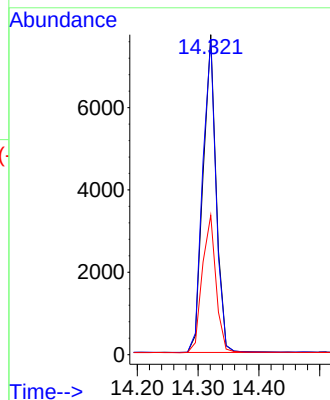
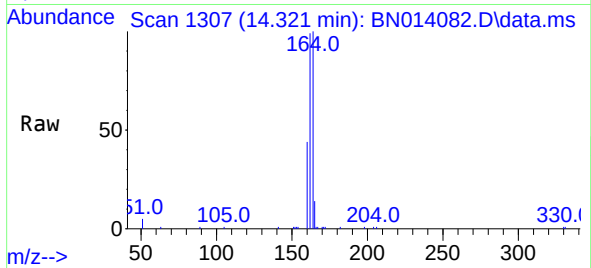




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

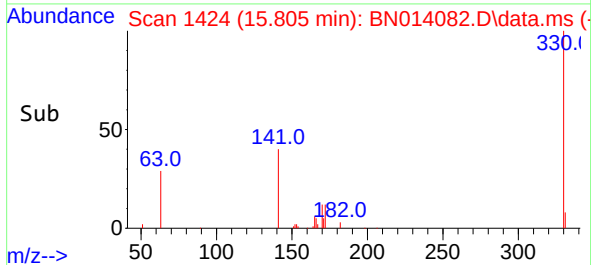
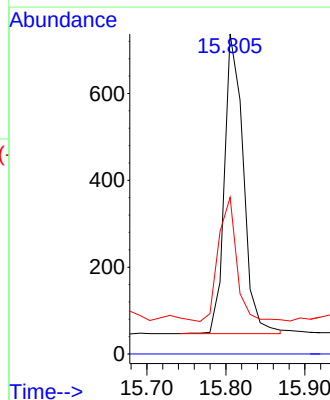
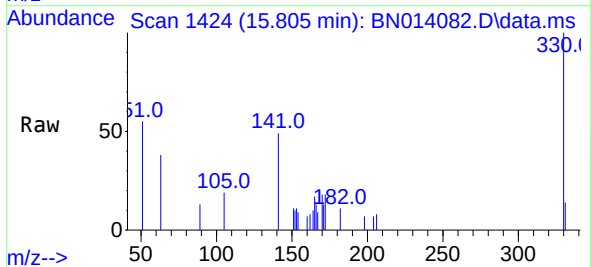
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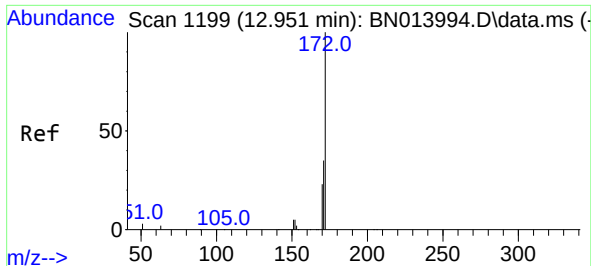
Tgt Ion:	164	Resp:	11561
Ion Ratio	Lower	Upper	
164	100		
162	98.6	79.6	119.4
160	43.6	36.0	54.0



#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion:	330	Resp:	1143
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	40.3	26.8	40.2

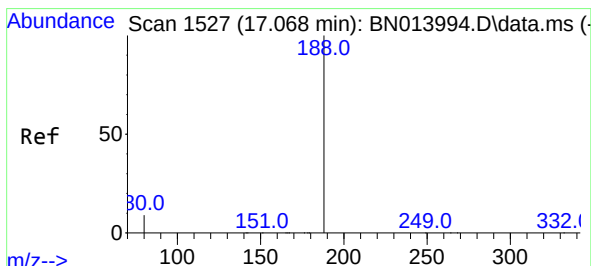
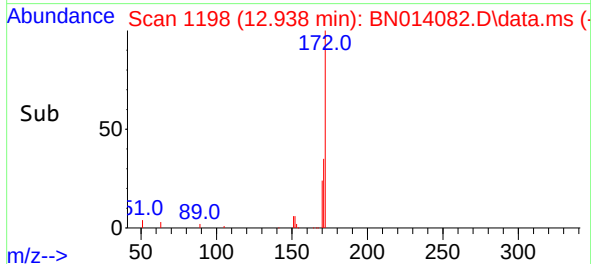
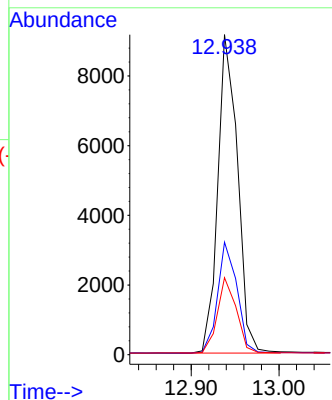
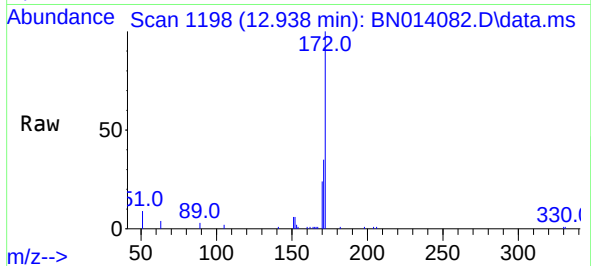




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

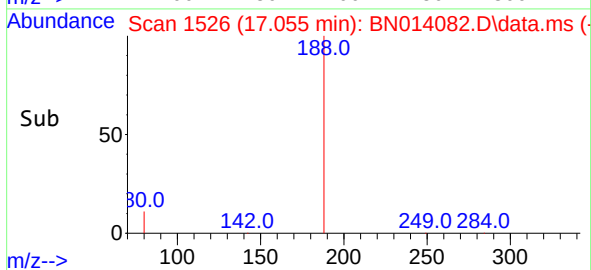
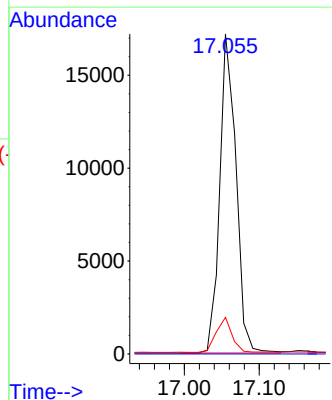
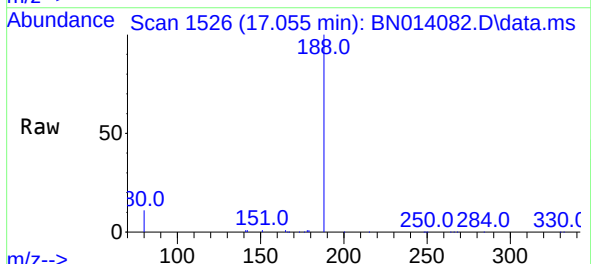
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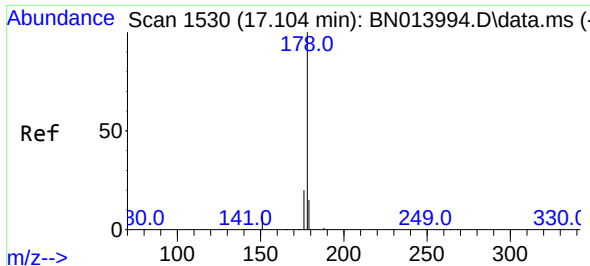
Tgt Ion:	172	Resp:	14312
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	24.0	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion:	188	Resp:	25920
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	9.0	13.6

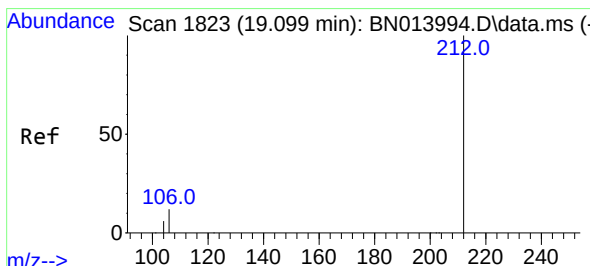
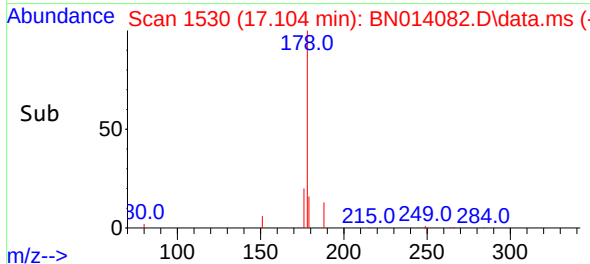
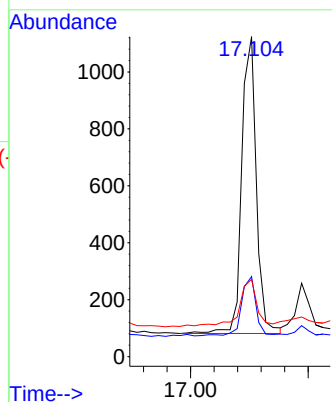
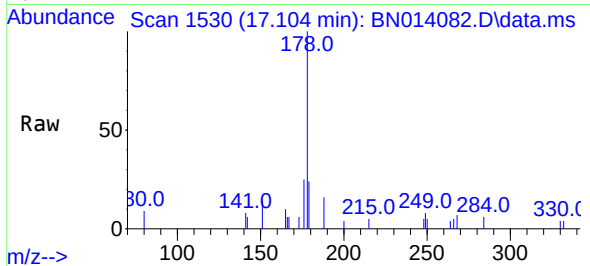




#25
Phenanthrene
Concen: 0.03 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

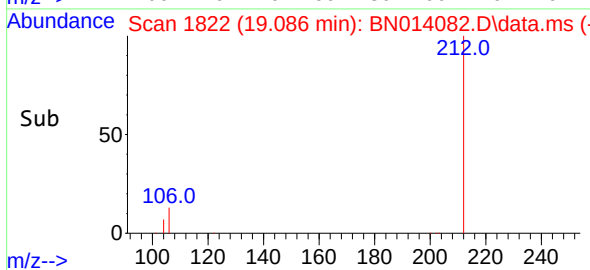
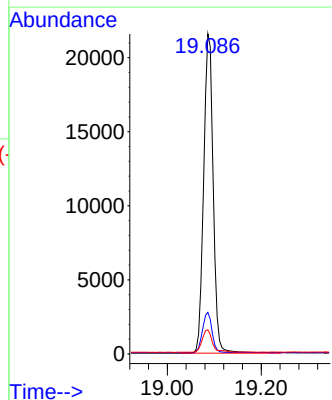
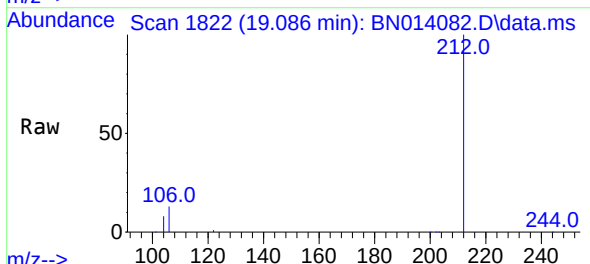
Instrument :
BNA_N
ClientSampleId :
RE-126D2-20210319

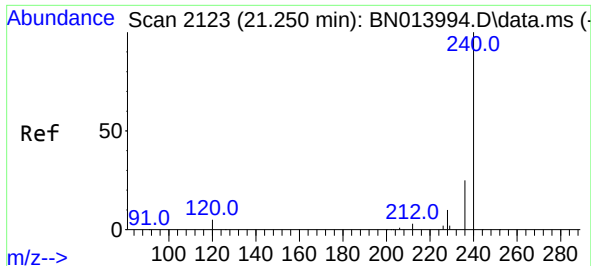
Tgt Ion:	178	Resp:	1790
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	19.8	12.3	18.5#



#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.086 min Scan# 1822
Delta R.T. -0.002 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion:	212	Resp:	30392
Ion	Ratio	Lower	Upper
212	100		
106	12.5	9.7	14.5
104	7.5	5.5	8.3

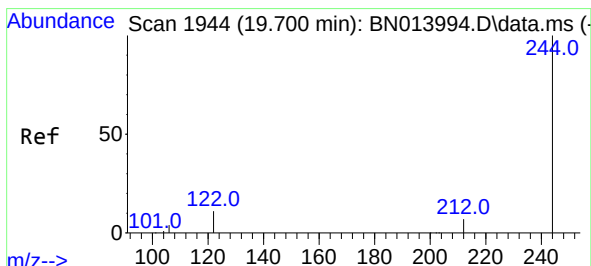
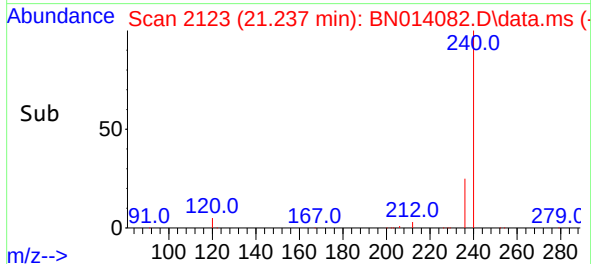
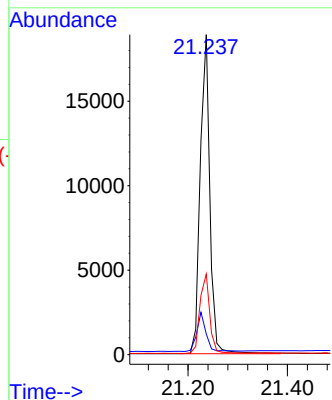
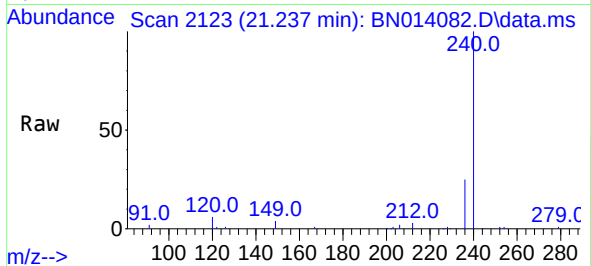




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.002 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

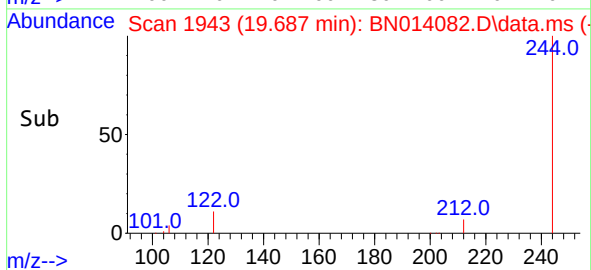
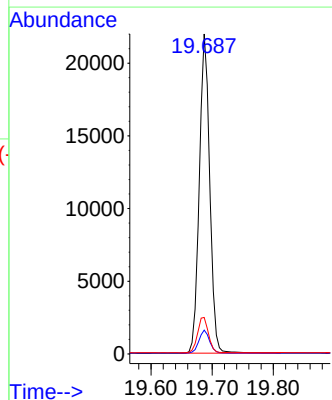
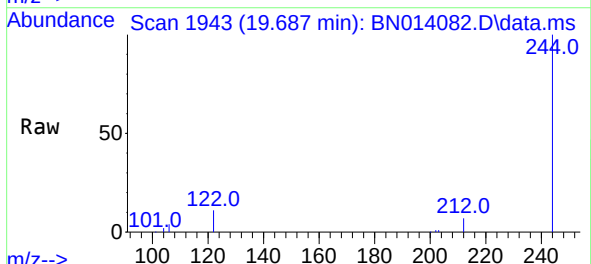
Instrument :
BNA_N
ClientSampleId :
RE-126D2-20210319

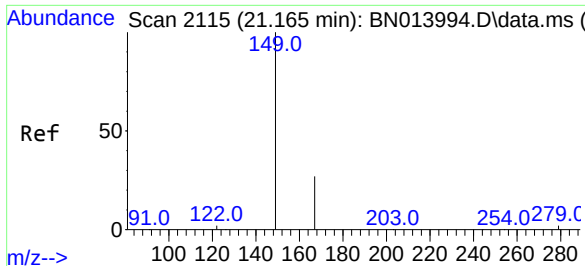
Tgt Ion:240 Resp: 25297
Ion Ratio Lower Upper
240 100
120 6.5 10.2 15.4#
236 25.2 21.3 31.9



#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.687 min Scan# 1943
Delta R.T. -0.002 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion:244 Resp: 25988
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 11.4 9.8 14.8

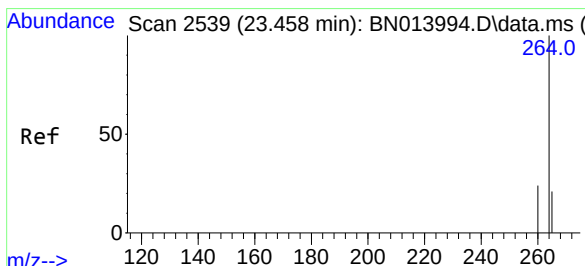
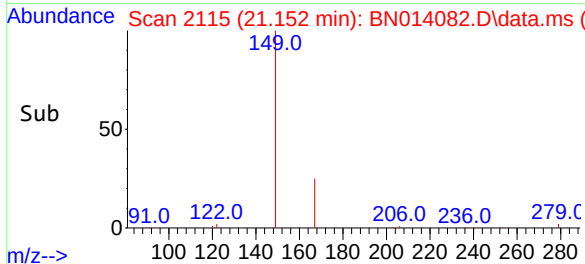
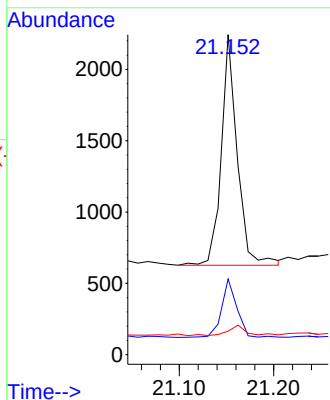
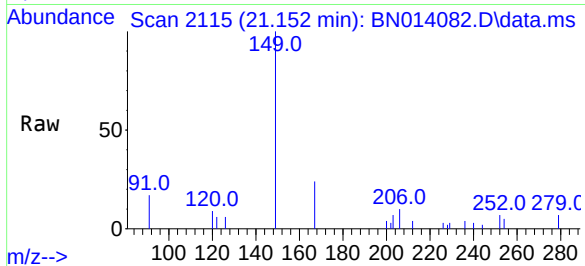




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.07 ng
 RT: 21.152 min Scan# 2115
 Delta R.T. -0.002 min
 Lab File: BN014082.D
 Acq: 24 Mar 2021 22:11

Instrument :
 BNA_N
 ClientSampleId :
 RE-126D2-20210319

Tgt Ion:149 Resp: 1900
 Ion Ratio Lower Upper
 149 100
 167 24.4 22.1 33.1
 279 4.4 3.5 5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.442 min Scan# 2536
 Delta R.T. -0.006 min
 Lab File: BN014082.D
 Acq: 24 Mar 2021 22:11

Tgt Ion:264 Resp: 23831
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 34.2 66.2 99.4#

