

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032521\
 Data File : BN014115.D
 Acq On : 25 Mar 2021 20:25
 Operator : CG/JU
 Sample : M1787-09DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-125D2-20210319DL

Quant Time: Mar 26 00:43:18 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)

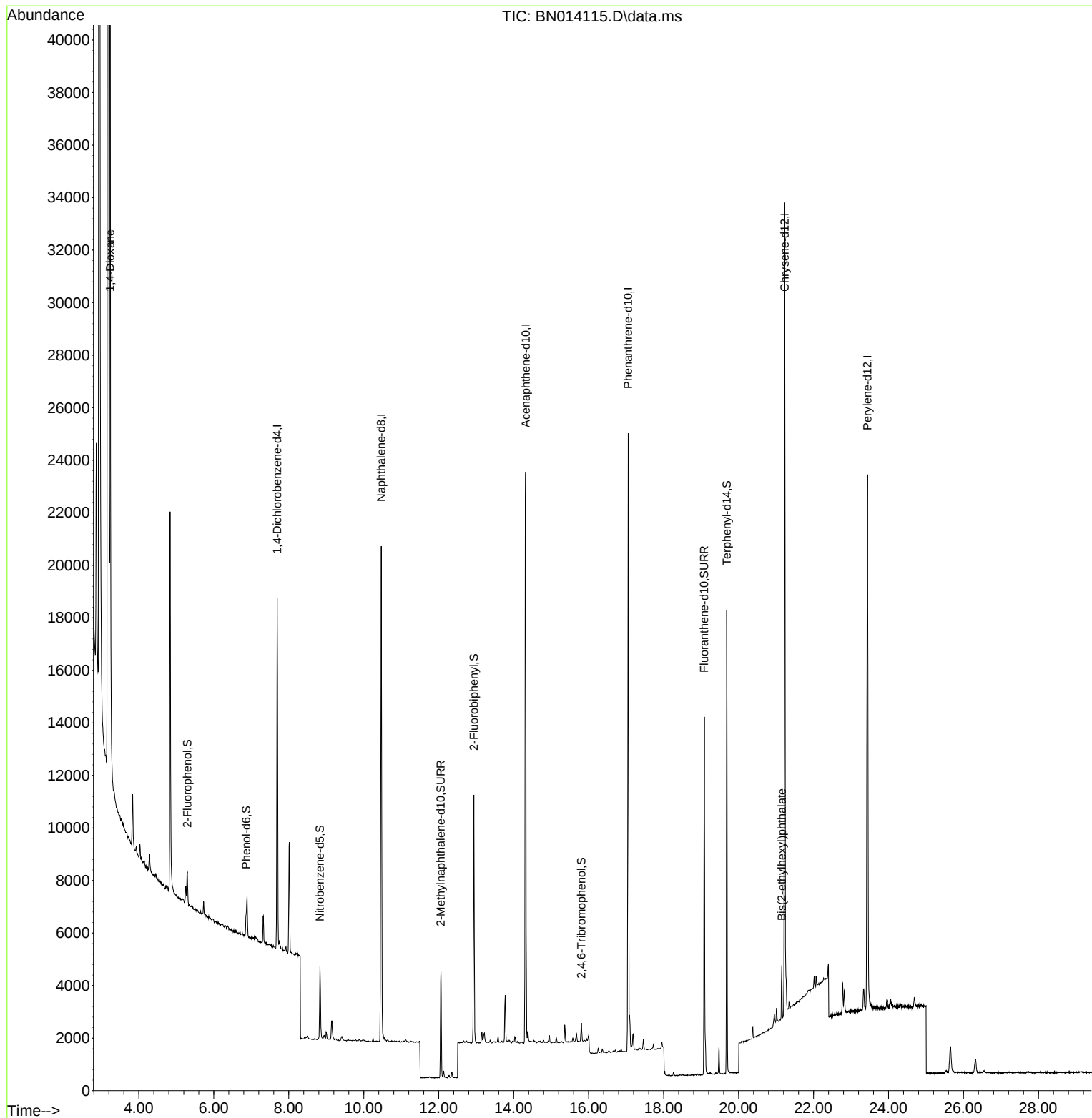
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6096	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	24163	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	14141	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	30061	0.40	ng	#-0.01
29) Chrysene-d12	21.229	240	28037	0.40	ng	-0.01
36) Perylene-d12	23.438	264	27775	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	953	0.07	ng	0.00
5) Phenol-d6	6.863	99	727	0.04	ng	0.00
8) Nitrobenzene-d5	8.832	82	2333	0.15	ng	-0.01
11) 2-Methylnaphthalene-d10	12.057	152	5652	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	528	0.11	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	7831	0.15	ng	-0.01
27) Fluoranthene-d10	19.084	212	14753	0.18	ng	0.00
31) Terphenyl-d14	19.685	244	16845	0.27	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	23839	2.97	ng	97
34) Bis(2-ethylhexyl)phtha...	21.154	149	2100	0.07	ng	97

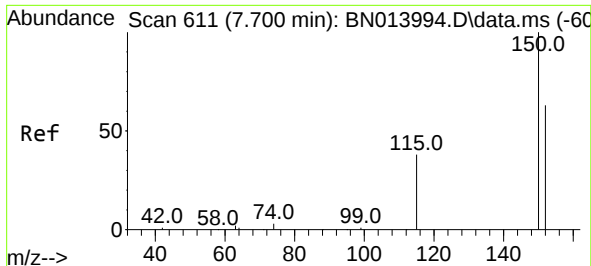
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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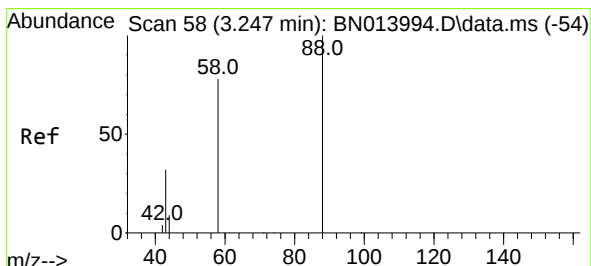
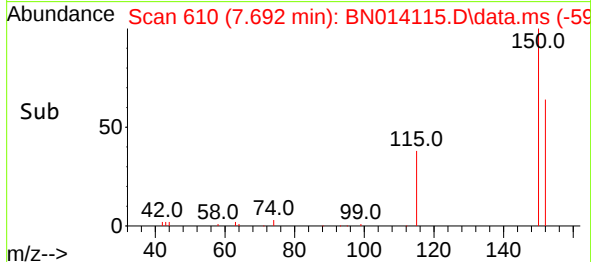
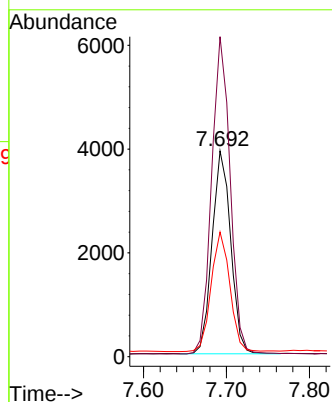
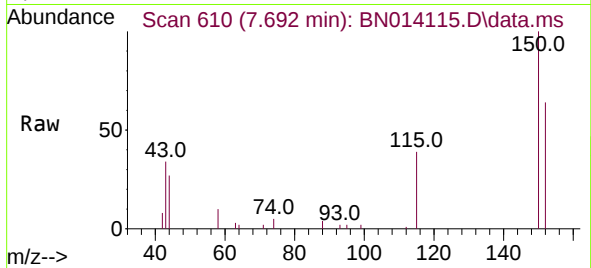




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. -0.008 min
 Lab File: BN014115.D
 Acq: 25 Mar 2021 20:25

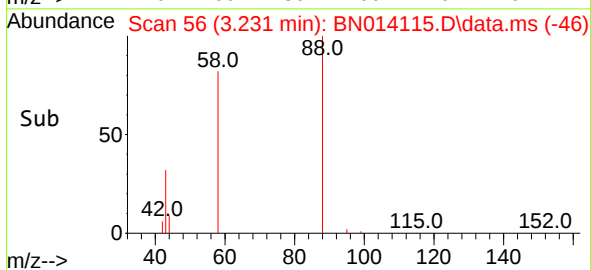
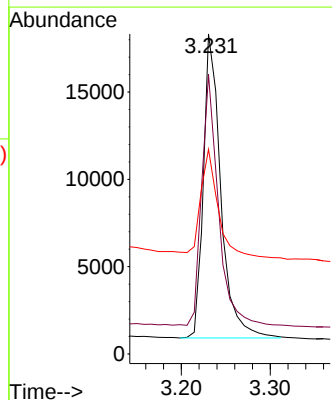
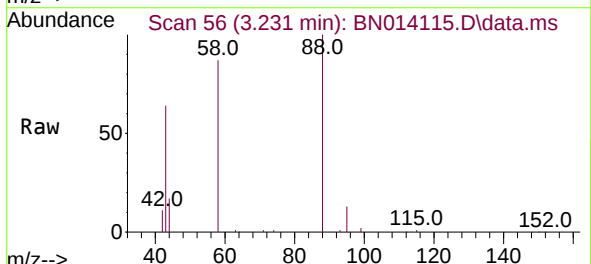
Instrument :
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 ClientSampleId :
 RE-125D2-20210319DL

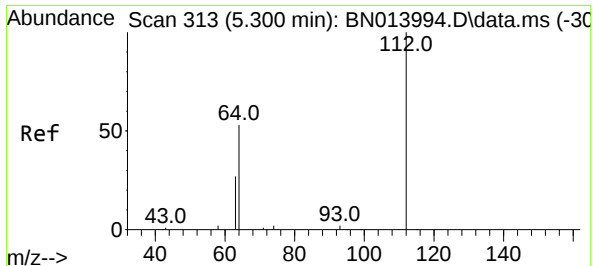
Tgt Ion:152 Resp: 6096
 Ion Ratio Lower Upper
 152 100
 150 155.5 121.8 182.8
 115 60.6 46.6 69.8



#2
 1,4-Dioxane
 Concen: 2.97 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.016 min
 Lab File: BN014115.D
 Acq: 25 Mar 2021 20:25

Tgt Ion: 88 Resp: 23839
 Ion Ratio Lower Upper
 88 100
 58 78.2 64.6 96.8
 43 35.4 26.6 40.0

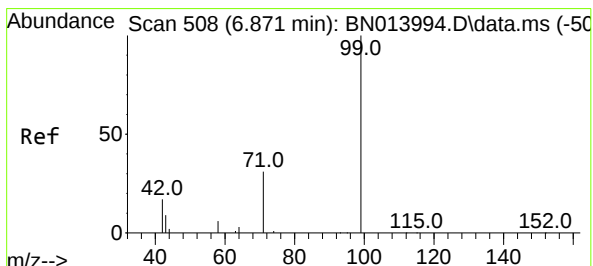
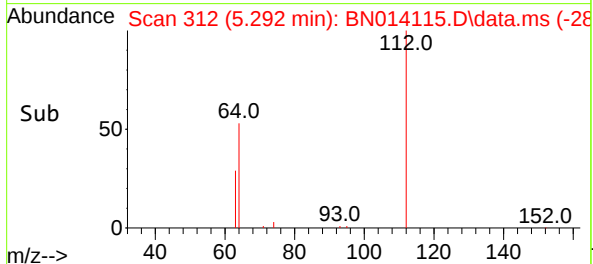
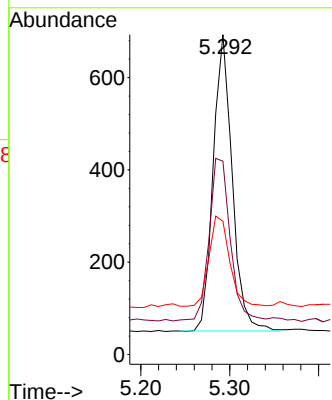
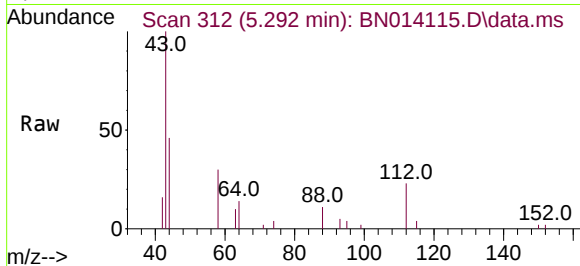




#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014115.D
Acq: 25 Mar 2021 20:25

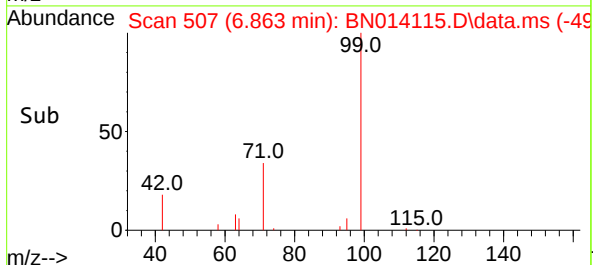
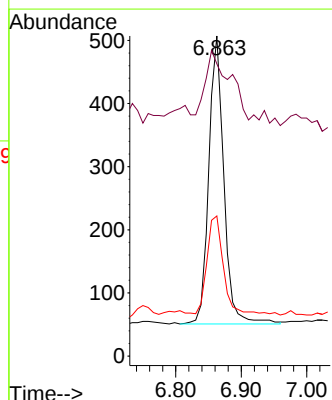
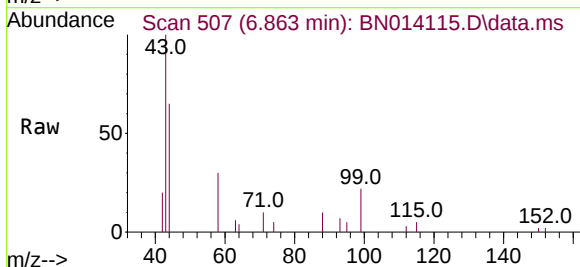
Instrument :
BNA_N
ClientSampleId :
RE-125D2-20210319DL

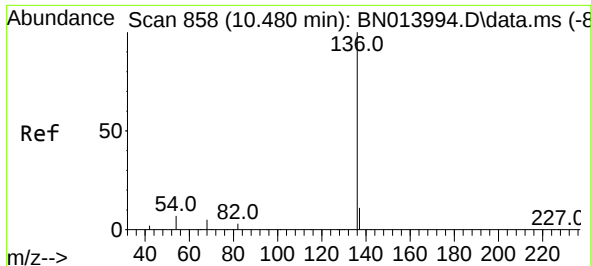
Tgt Ion:112 Resp: 953
Ion Ratio Lower Upper
112 100
64 60.4 44.3 66.5
63 35.0 23.0 34.6#



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014115.D
Acq: 25 Mar 2021 20:25

Tgt Ion: 99 Resp: 727
Ion Ratio Lower Upper
99 100
42 42.1 15.2 22.8#
71 38.5 26.1 39.1

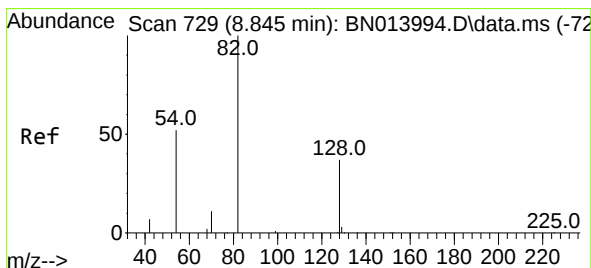
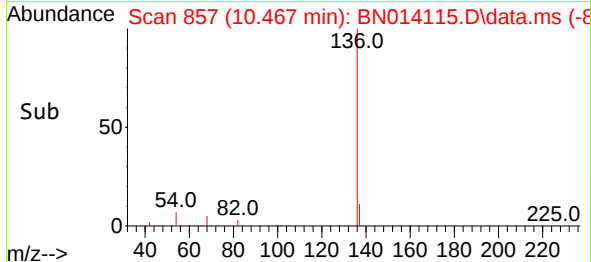
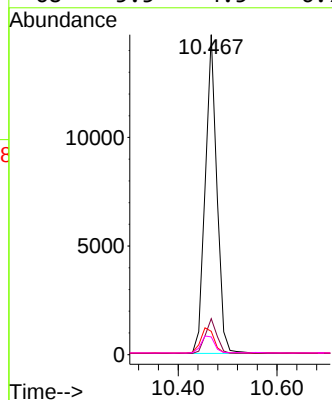
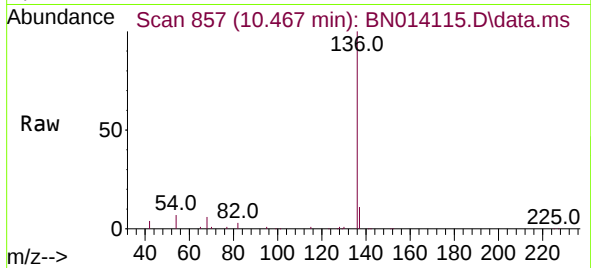




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014115.D
Acq: 25 Mar 2021 20:25

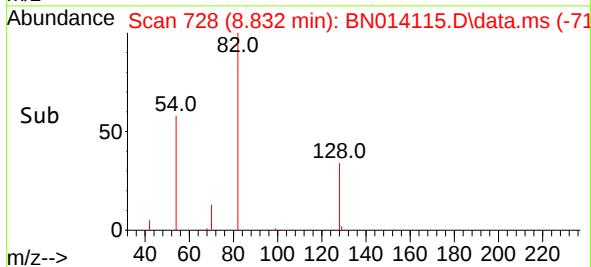
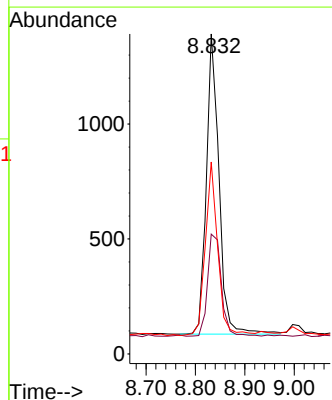
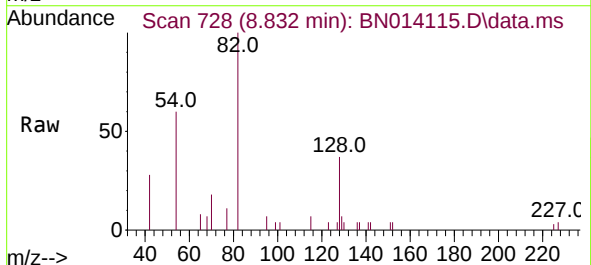
Instrument :
BNA_N
ClientSampleId :
RE-125D2-20210319DL

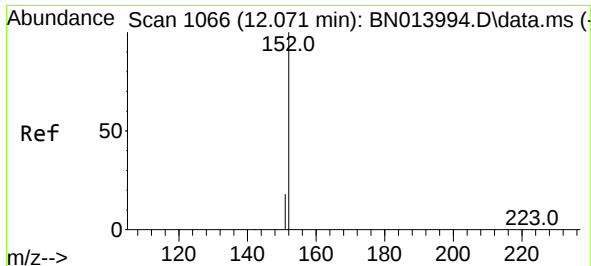
Tgt Ion:	136	Resp:	24163
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	7.3	6.4	9.6
68	5.5	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.15 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014115.D
Acq: 25 Mar 2021 20:25

Tgt Ion:	82	Resp:	2333
Ion Ratio	Lower	Upper	
82	100		
128	37.4	39.2	58.8#
54	60.0	40.1	60.1

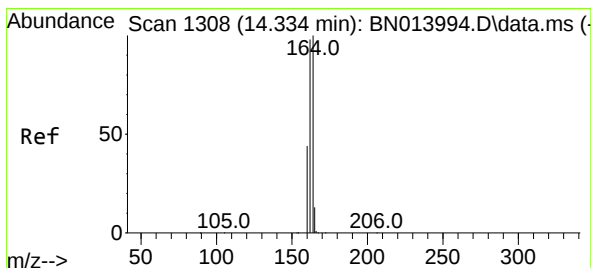
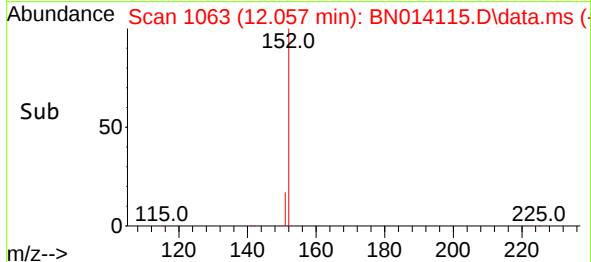
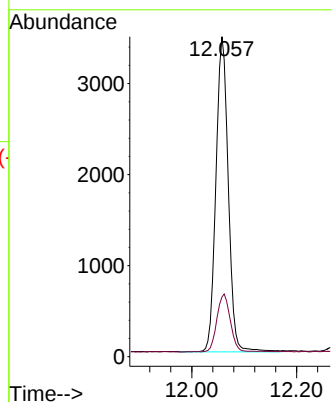
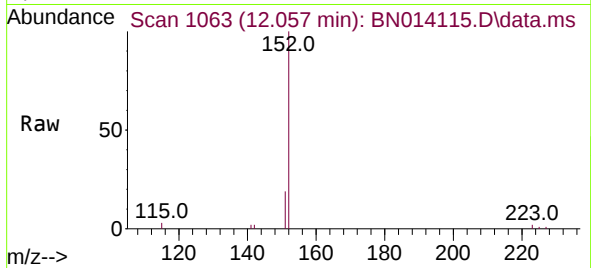




#11
2-Methylnaphthalene-d10
Concen: 0.15 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.008 min
Lab File: BN014115.D
Acq: 25 Mar 2021 20:25

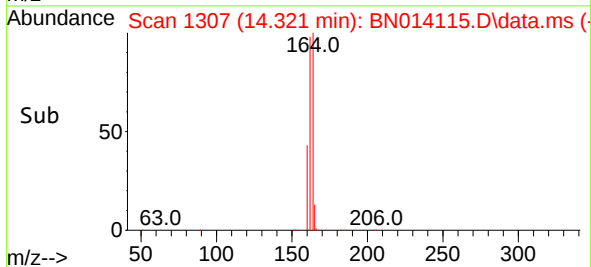
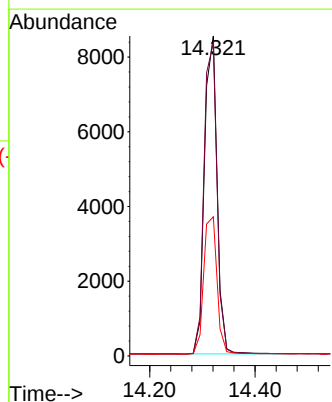
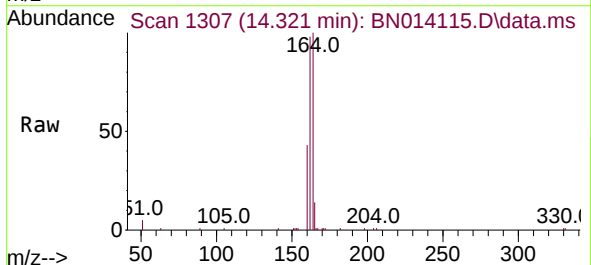
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ClientSampleId :
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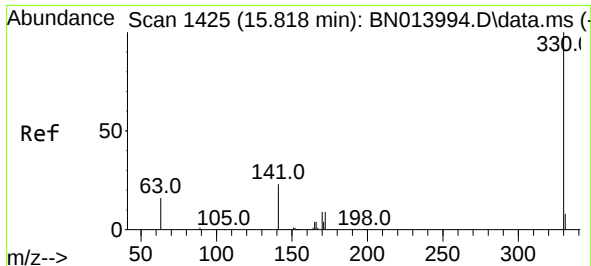
Tgt Ion:152 Resp: 5652
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014115.D
Acq: 25 Mar 2021 20:25

Tgt Ion:164 Resp: 14141
Ion Ratio Lower Upper
164 100
162 97.8 79.6 119.4
160 43.5 36.0 54.0

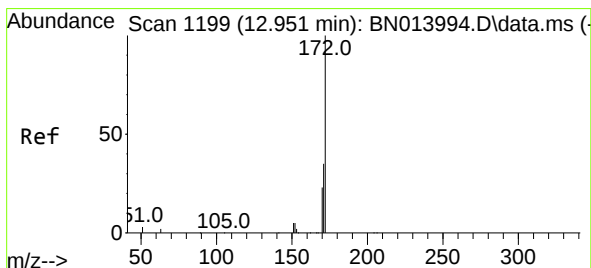
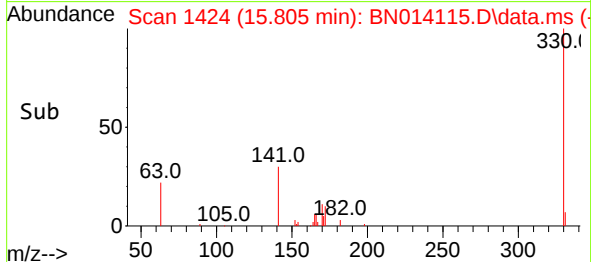
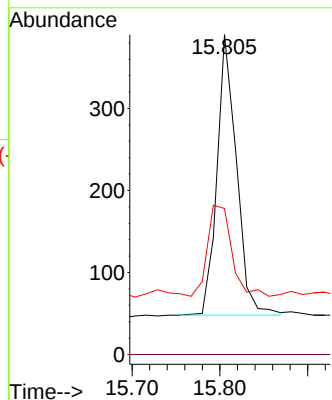
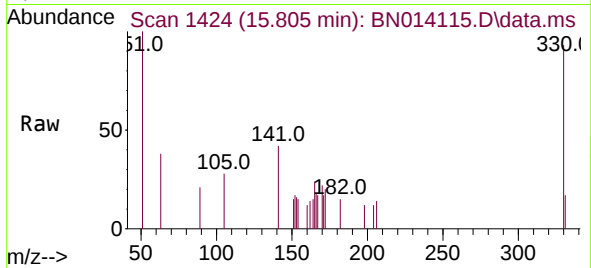




#14
2,4,6-Tribromophenol
Concen: 0.11 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014115.D
Acq: 25 Mar 2021 20:25

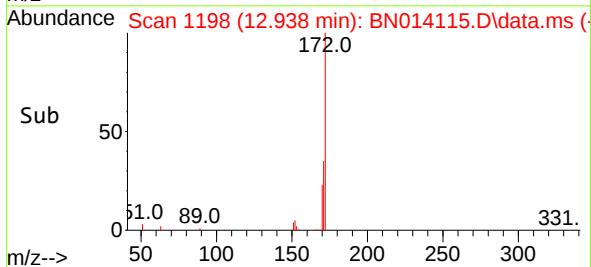
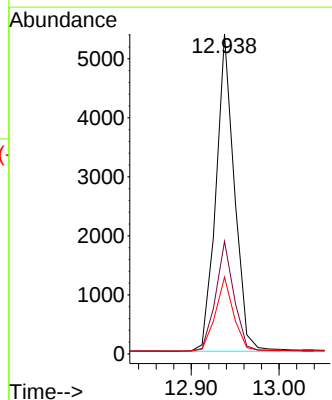
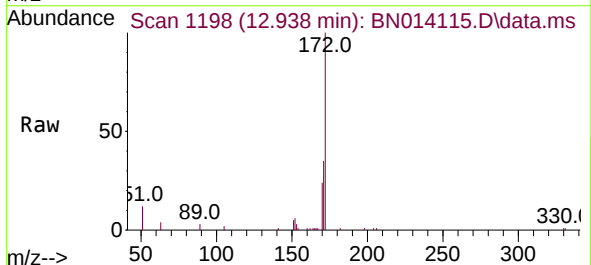
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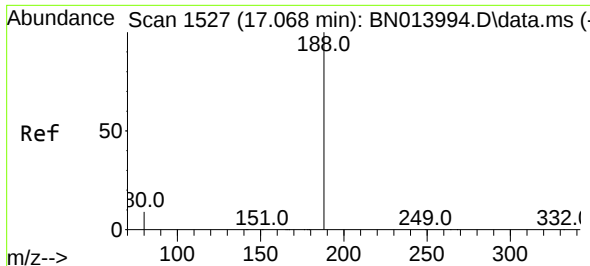
Tgt Ion: 330 Resp: 528
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.0 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.15 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014115.D
Acq: 25 Mar 2021 20:25

Tgt Ion: 172 Resp: 7831
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 24.0 18.9 28.3

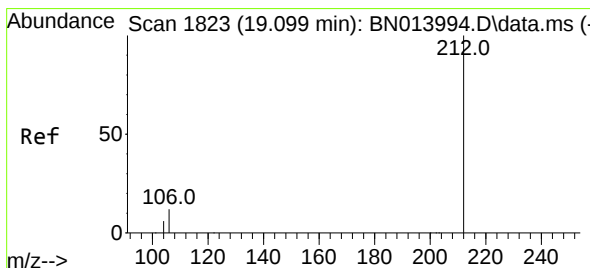
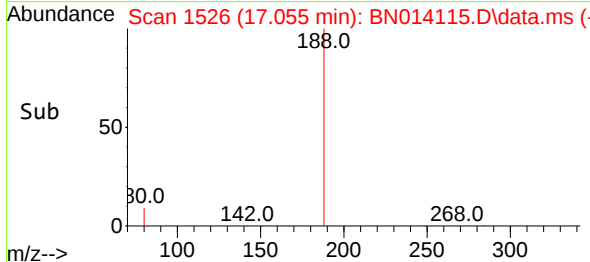
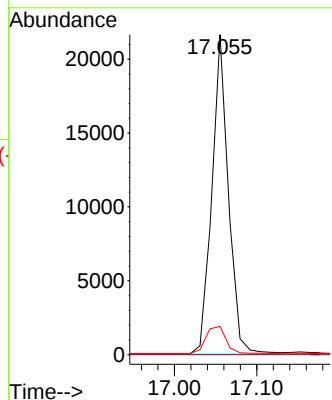
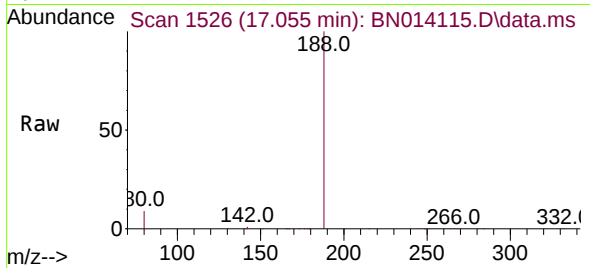




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014115.D
Acq: 25 Mar 2021 20:25

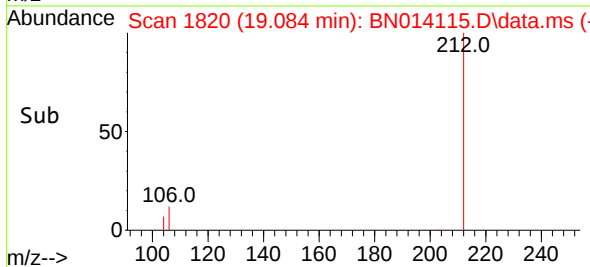
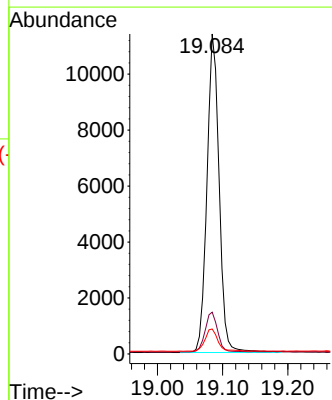
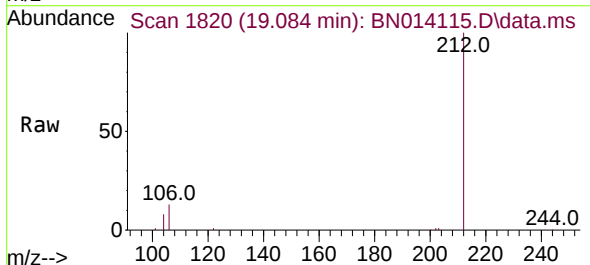
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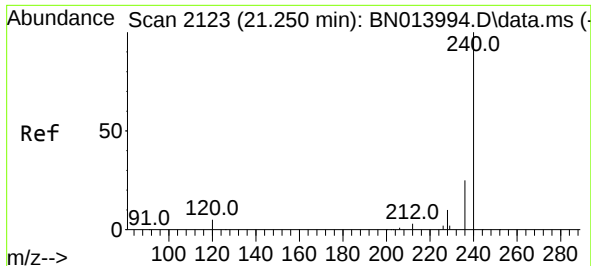
Tgt Ion:188 Resp: 30061
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 9.0 13.6#



#27
Fluoranthene-d10
Concen: 0.18 ng
RT: 19.084 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN014115.D
Acq: 25 Mar 2021 20:25

Tgt Ion:212 Resp: 14753
Ion Ratio Lower Upper
212 100
106 12.8 9.7 14.5
104 7.4 5.5 8.3

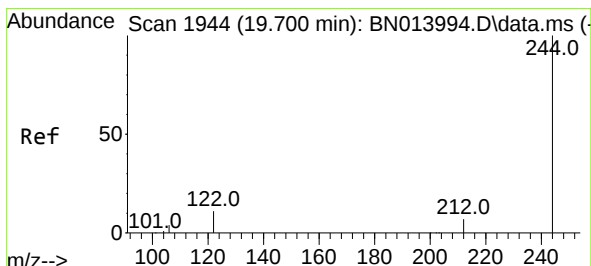
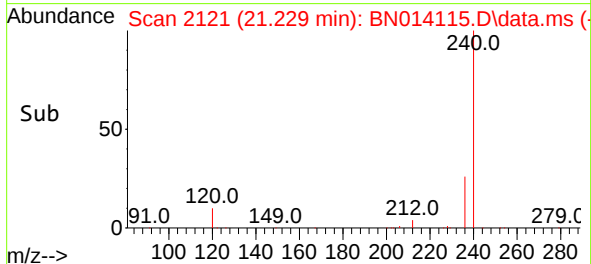
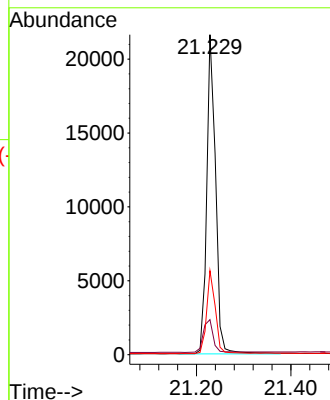
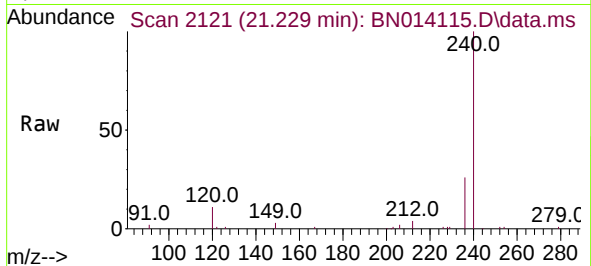




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.010 min
Lab File: BN014115.D
Acq: 25 Mar 2021 20:25

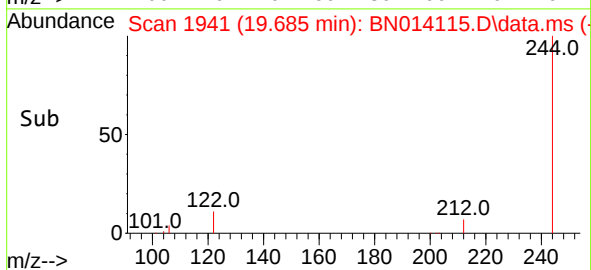
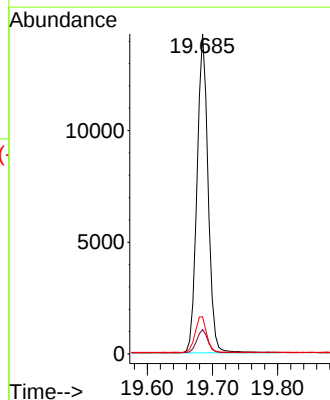
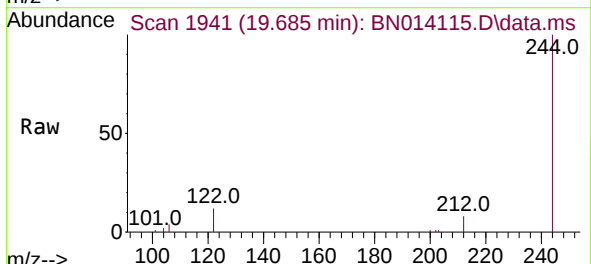
Instrument :
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RE-125D2-20210319DL

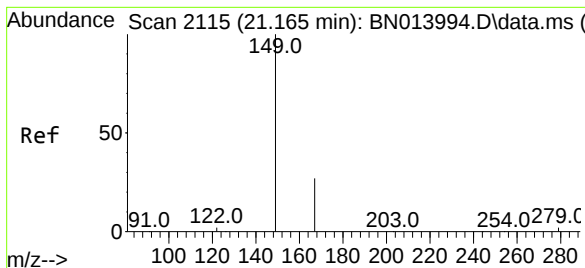
Tgt Ion:240 Resp: 28037
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 26.3 21.3 31.9



#31
Terphenyl-d14
Concen: 0.27 ng
RT: 19.685 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BN014115.D
Acq: 25 Mar 2021 20:25

Tgt Ion:244 Resp: 16845
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 11.6 9.8 14.8

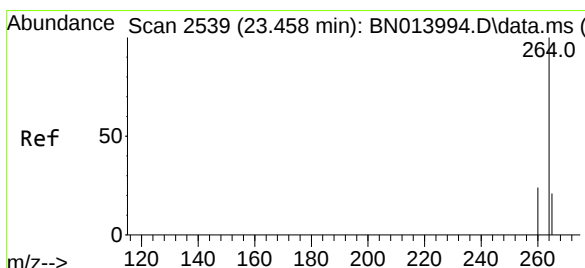
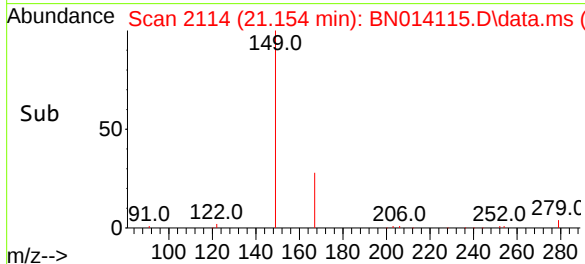
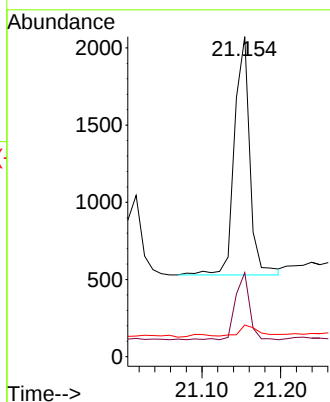
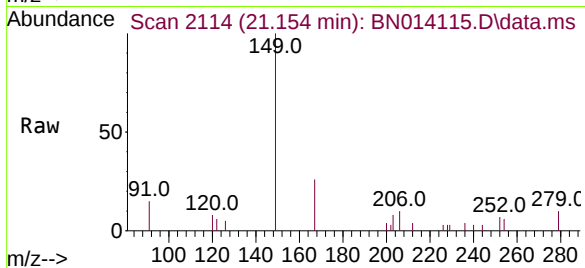




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.07 ng
 RT: 21.154 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BN014115.D
 Acq: 25 Mar 2021 20:25

Instrument :
 BNA_N
 ClientSampleId :
 RE-125D2-20210319DL

Tgt Ion:149 Resp: 2100
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.1 33.1
 279 5.1 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: BN014115.D
 Acq: 25 Mar 2021 20:25

Tgt Ion:264 Resp: 27775
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 31.3 66.2 99.4#

