

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013303.D
 Acq On : 23 Dec 2020 18:58
 Operator : CG/JU
 Sample : L5139-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20201215

Quant Time: Dec 24 03:35:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 10:46:43 2020
 Response via : Initial Calibration

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

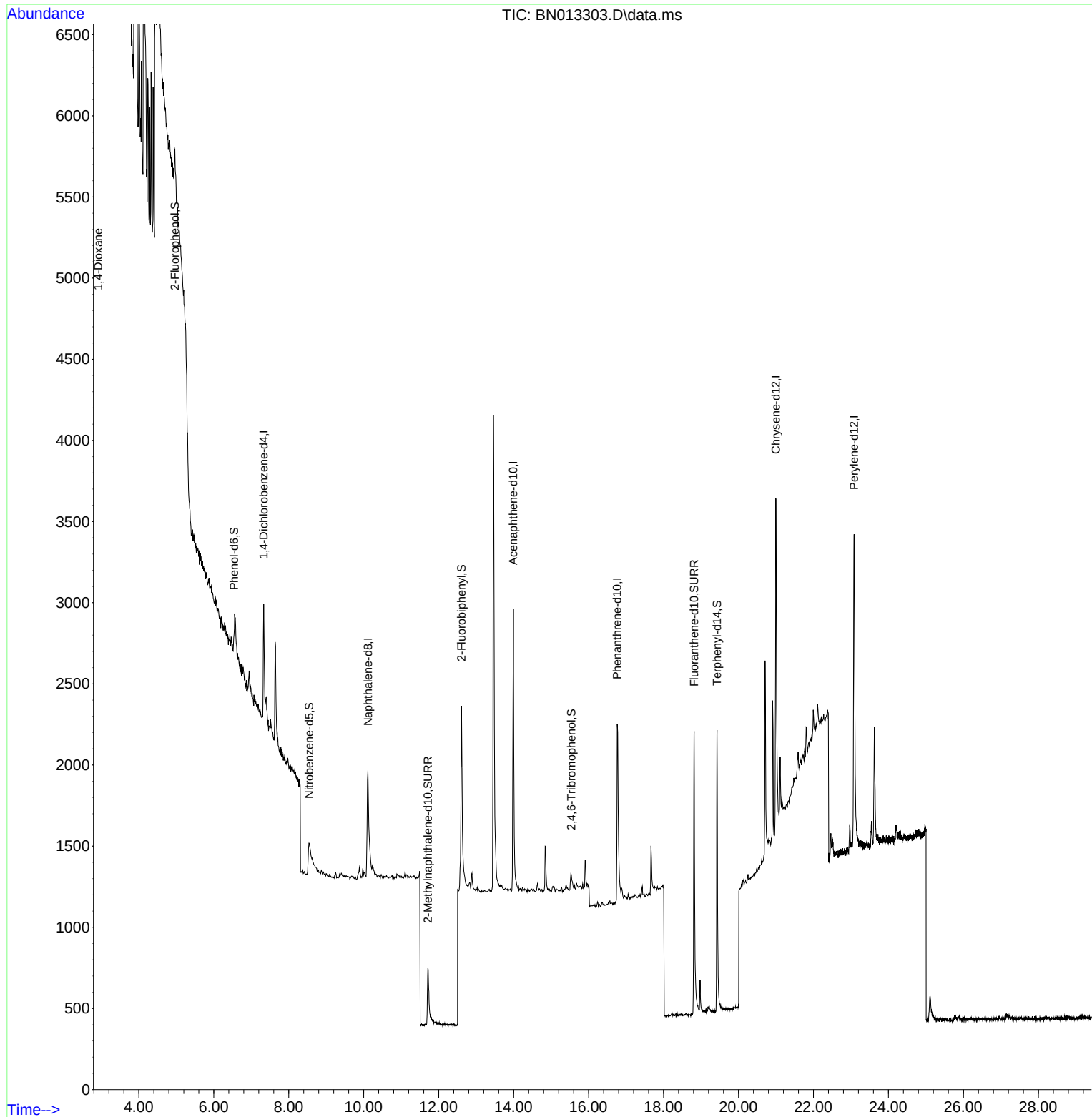
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	540	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	1810	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1237	0.40	ng	0.00
19) Phenanthrene-d10	16.763	188	2808	0.40	ng	# 0.00
29) Chrysene-d12	20.995	240	2916	0.40	ng	# 0.00
36) Perylene-d12	23.082	264	3243	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	284	0.13	ng	0.00
5) Phenol-d6	6.541	99	115	0.05	ng	0.00
8) Nitrobenzene-d5	8.540	82	491	0.26	ng	0.04
11) 2-Methylnaphthalene-d10	11.711	152	983	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	154	0.20	ng	0.01
15) 2-Fluorobiphenyl	12.608	172	1539	0.30	ng	0.00
27) Fluoranthene-d10	18.816	212	3031	0.33	ng	0.00
31) Terphenyl-d14	19.427	244	2519	0.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.916	88	5604	5.95	ng	94

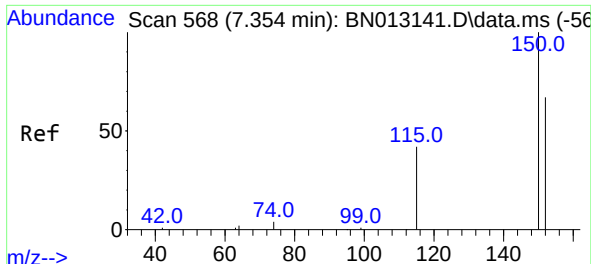
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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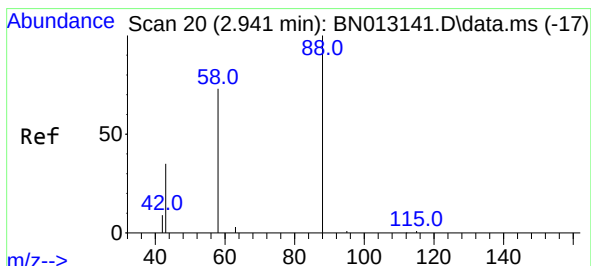
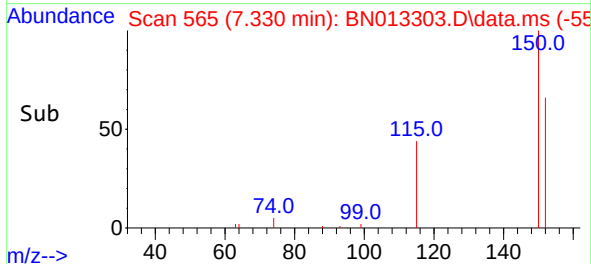
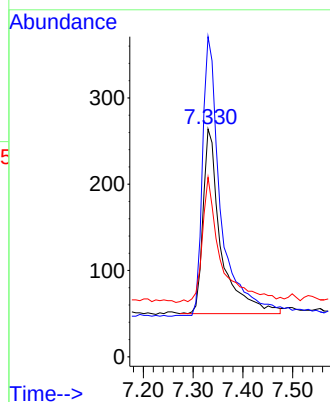
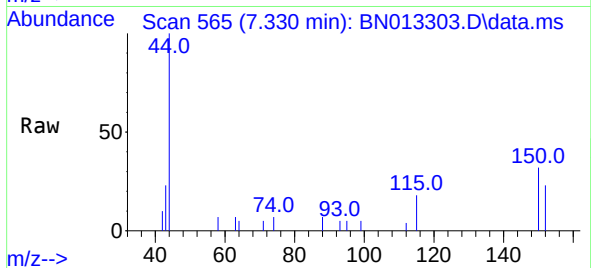




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

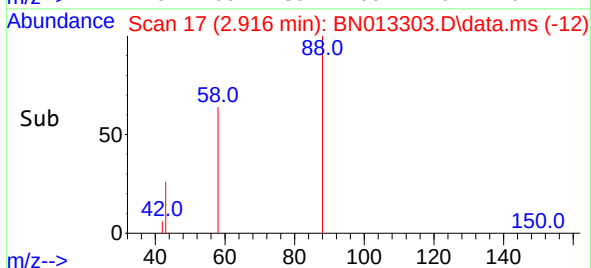
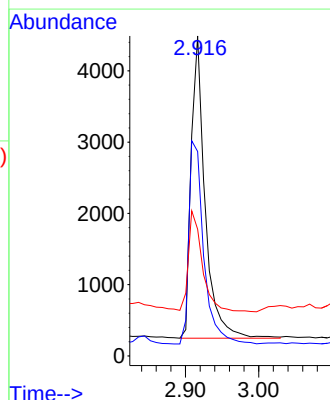
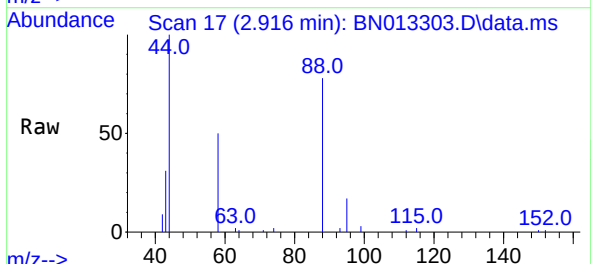
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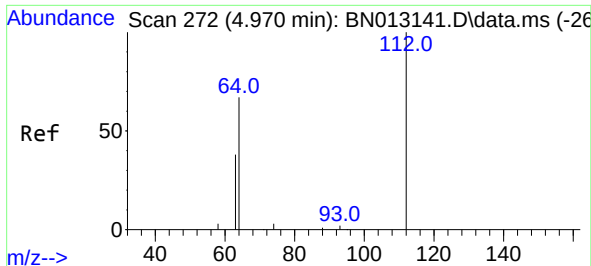
Tgt Ion:152 Resp: 540
Ion Ratio Lower Upper
152 100
150 140.5 116.6 174.8
115 78.8 52.9 79.3



#2
1,4-Dioxane
Concen: 5.95 ng
RT: 2.916 min Scan# 17
Delta R.T. -0.008 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

Tgt Ion: 88 Resp: 5604
Ion Ratio Lower Upper
88 100
58 71.8 59.4 89.2
43 33.4 32.3 48.5

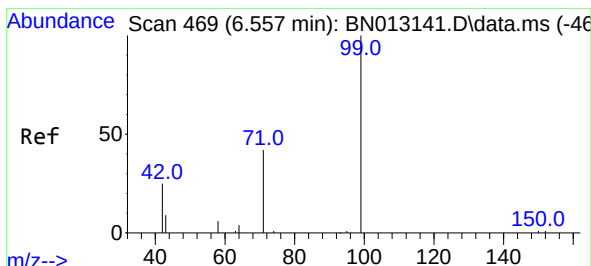
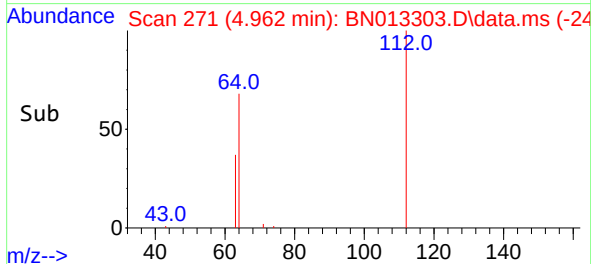
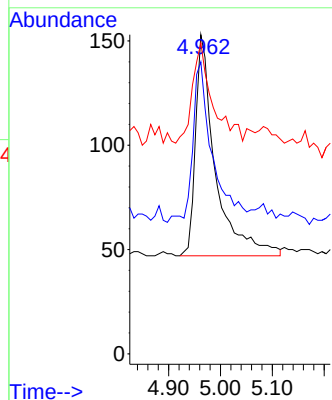
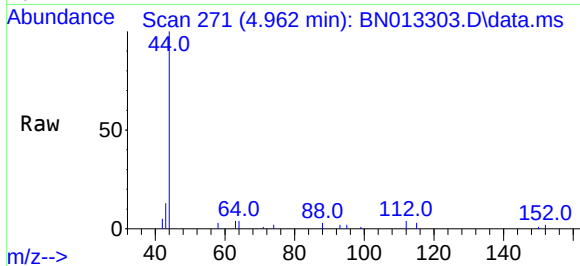




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

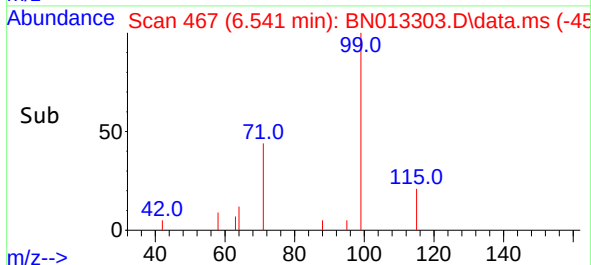
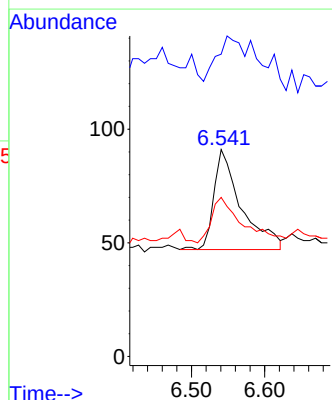
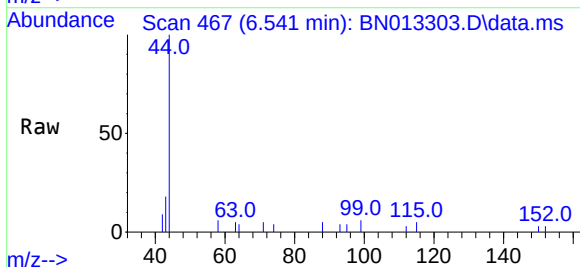
Instrument :
BNA_N
ClientSampleId :
RE115D2-20201215

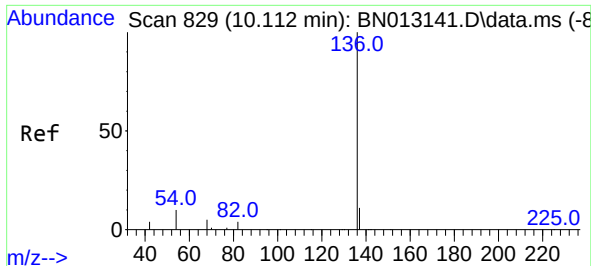
Tgt Ion:112 Resp: 284
Ion Ratio Lower Upper
112 100
64 71.5 49.5 74.3
63 46.8 32.0 48.0



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.541 min Scan# 467
Delta R.T. -0.000 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

Tgt Ion: 99 Resp: 115
Ion Ratio Lower Upper
99 100
42 84.3 22.4 33.6#
71 51.3 37.8 56.6



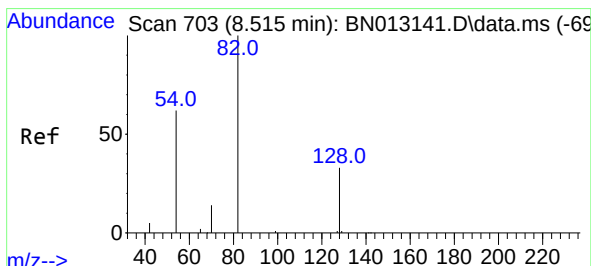
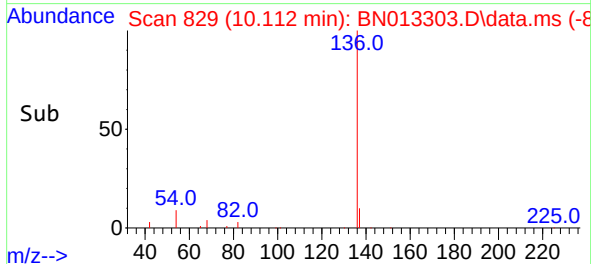
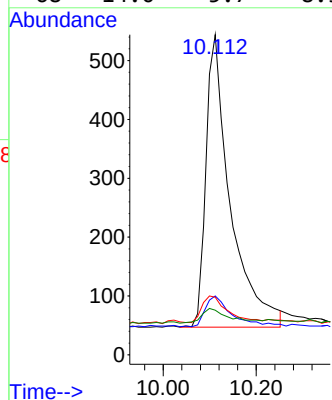
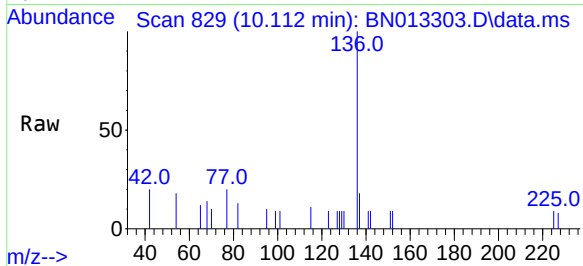


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

Instrument :
BNA_N
ClientSampleId :
RE115D2-20201215

Tgt Ion: 136 Resp: 1810

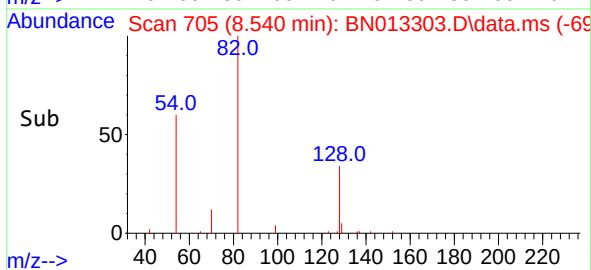
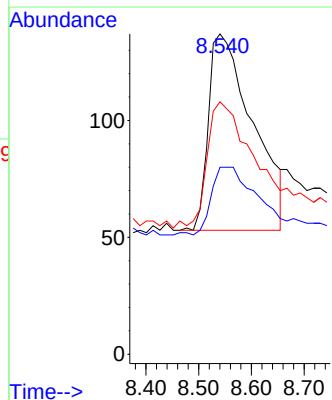
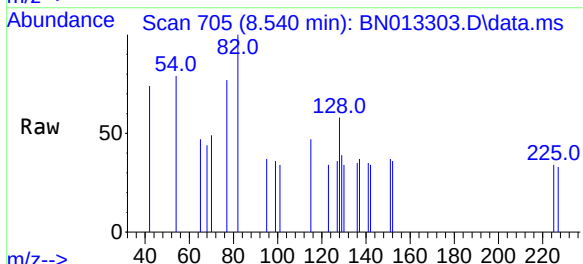
Ion	Ratio	Lower	Upper
136	100		
137	18.4	10.6	15.8#
54	18.0	8.6	12.8#
68	14.0	5.7	8.5#

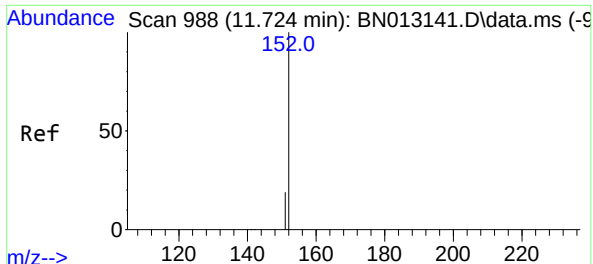


#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

Tgt Ion: 82 Resp: 491

Ion	Ratio	Lower	Upper
82	100		
128	58.4	30.6	46.0#
54	78.8	48.3	72.5#

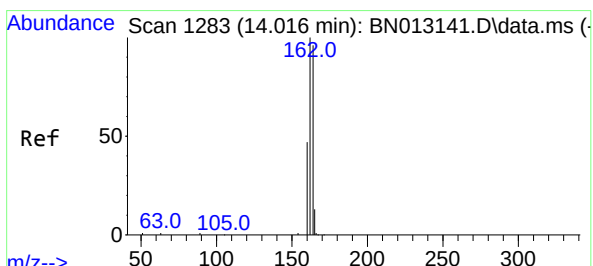
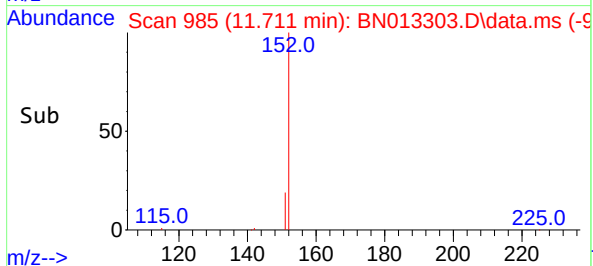
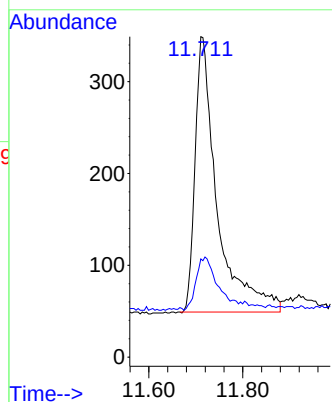
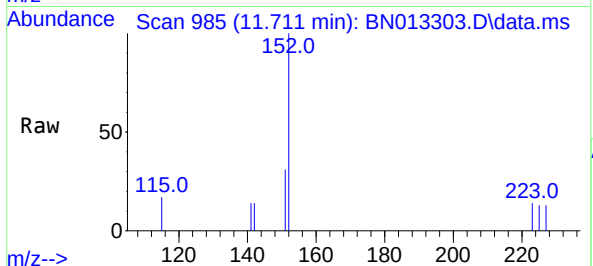




#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 11.711 min Scan# 985
Delta R.T. 0.004 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

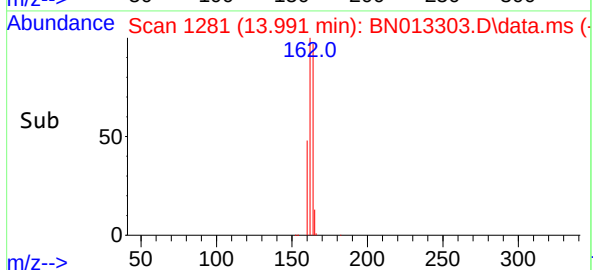
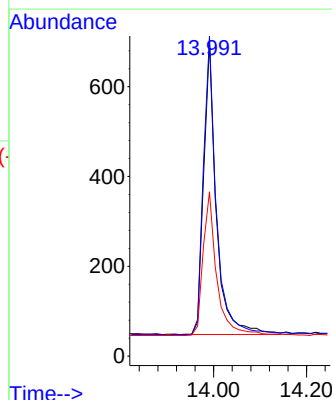
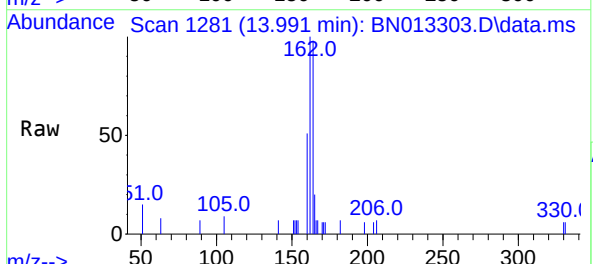
Instrument :
BNA_N
ClientSampleId :
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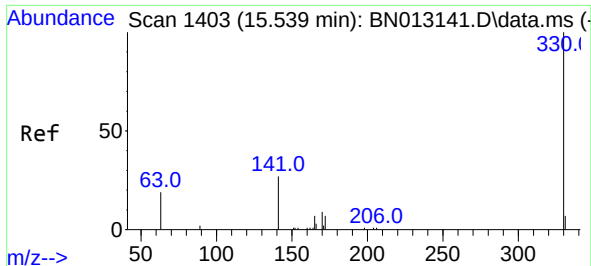
Tgt Ion:152 Resp: 983
Ion Ratio Lower Upper
152 100
151 18.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

Tgt Ion:164 Resp: 1237
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 52.4 39.5 59.3

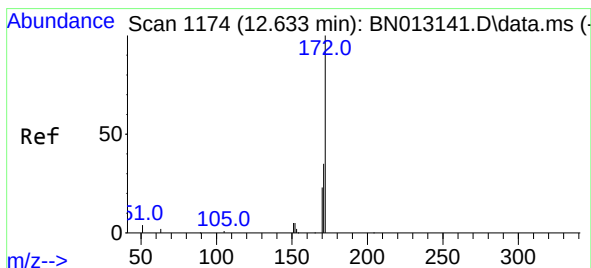
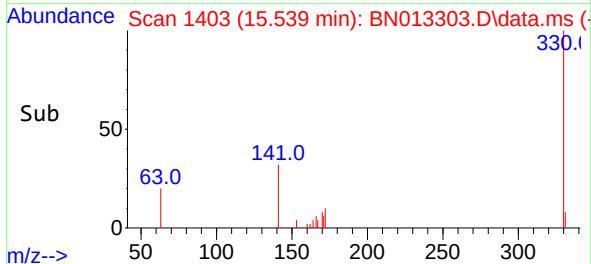
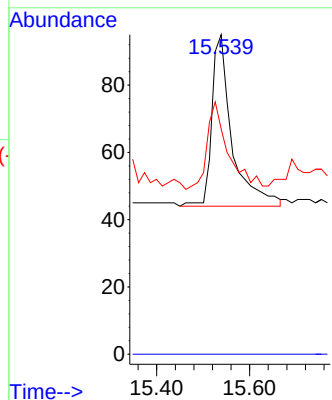
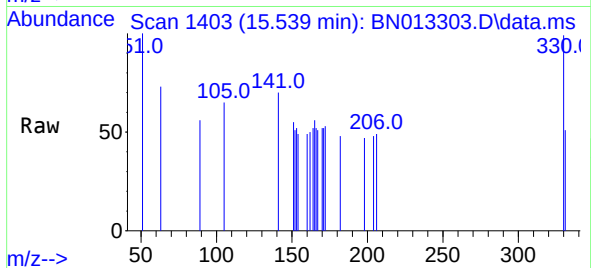




#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

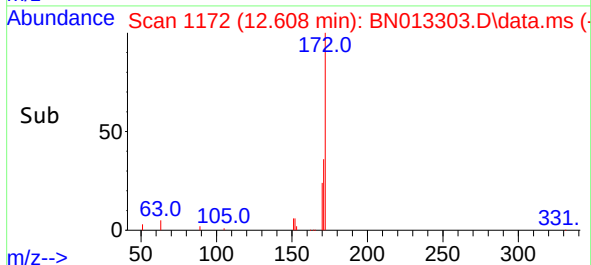
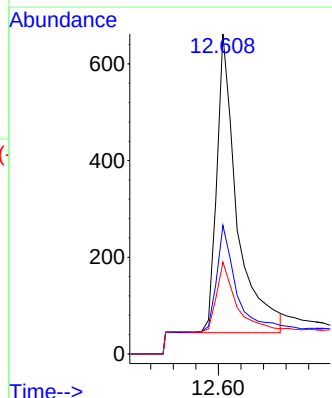
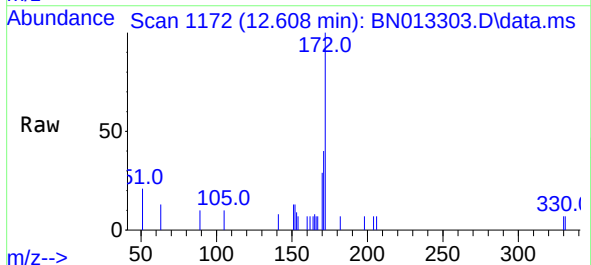
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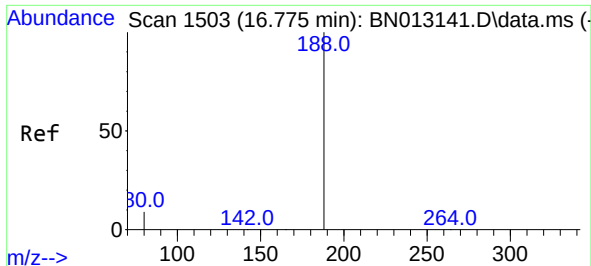
Tgt Ion:330 Resp: 154
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 54.5 34.4 51.6#



#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

Tgt Ion:172 Resp: 1539
Ion Ratio Lower Upper
172 100
171 40.2 28.2 42.4
170 28.7 20.0 30.0

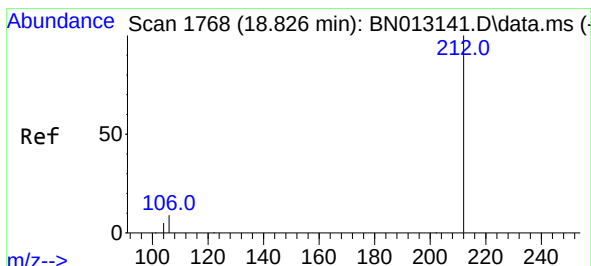
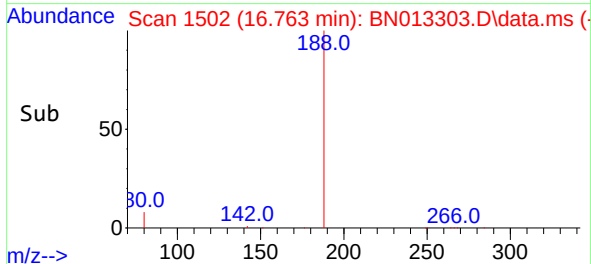
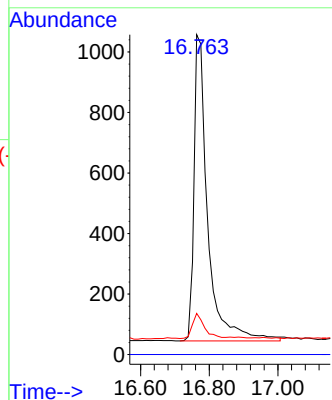
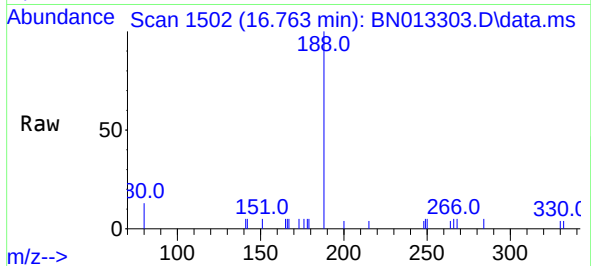




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

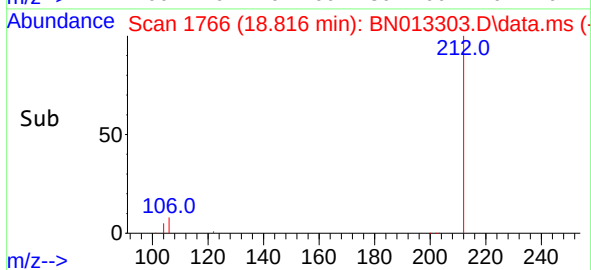
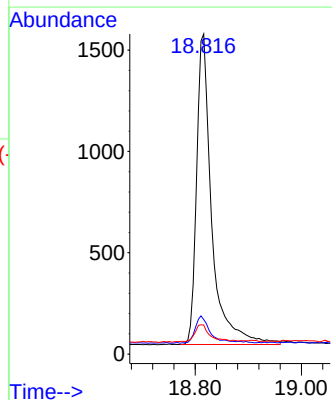
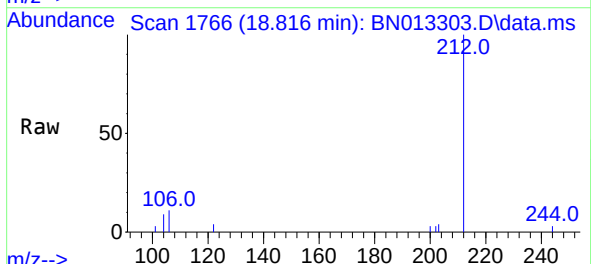
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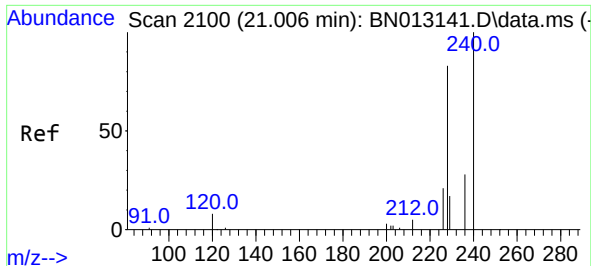
Tgt Ion:188	Resp:	2808
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	12.9	5.0



#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

Tgt Ion:212	Resp:	3031
Ion Ratio	Lower	Upper
212	100	
106	9.1	6.8
104	5.9	4.1

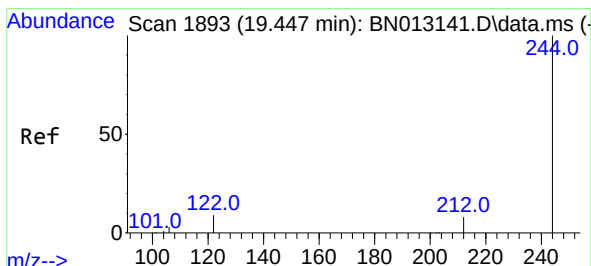
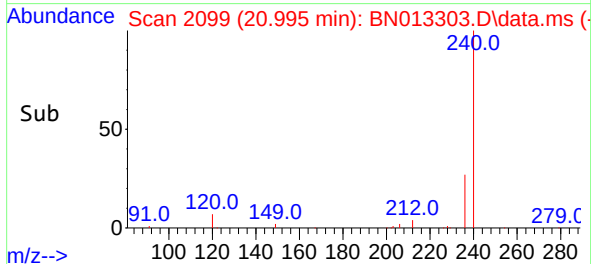
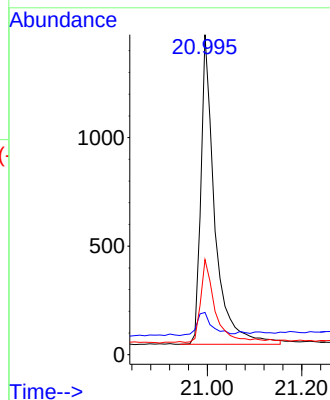
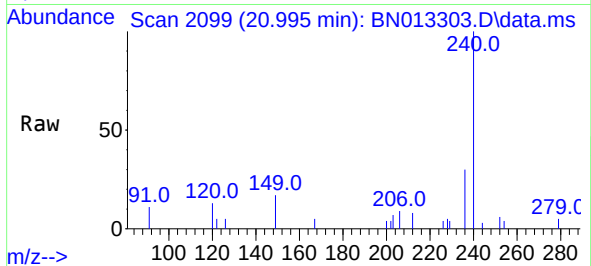




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

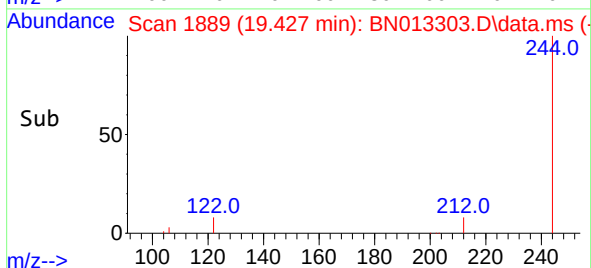
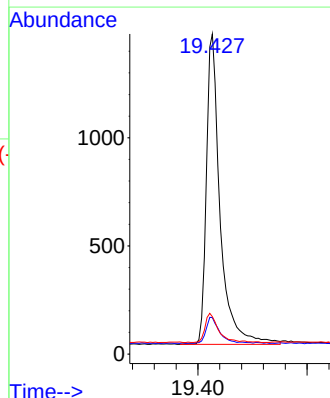
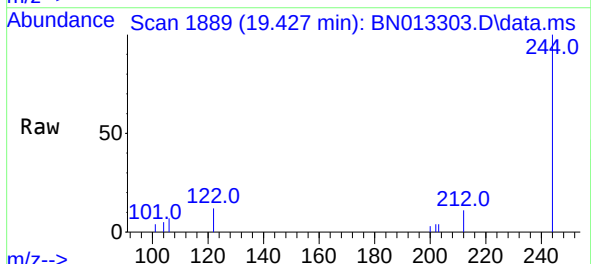
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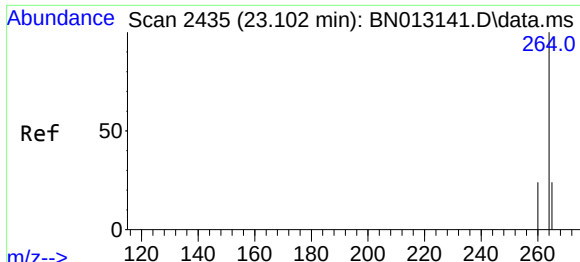
Tgt Ion:240 Resp: 2916
Ion Ratio Lower Upper
240 100
120 13.2 5.3 7.9#
236 29.7 21.8 32.8



#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.427 min Scan# 1889
Delta R.T. -0.005 min
Lab File: BN013303.D
Acq: 23 Dec 2020 18:58

Tgt Ion:244 Resp: 2519
Ion Ratio Lower Upper
244 100
212 11.4 7.3 10.9#
122 11.7 7.3 10.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.082 min Scan# 2429
 Delta R.T. -0.004 min
 Lab File: BN013303.D
 Acq: 23 Dec 2020 18:58

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20201215

Tgt Ion:264 Resp: 3243

Ion	Ratio	Lower	Upper
264	100		
260	27.6	19.8	29.6
265	78.9	51.4	77.0#

