

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013282.D
 Acq On : 22 Dec 2020 21:49
 Operator : CG/JU
 Sample : L5124-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20201214

Quant Time: Dec 23 00:54:19 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)

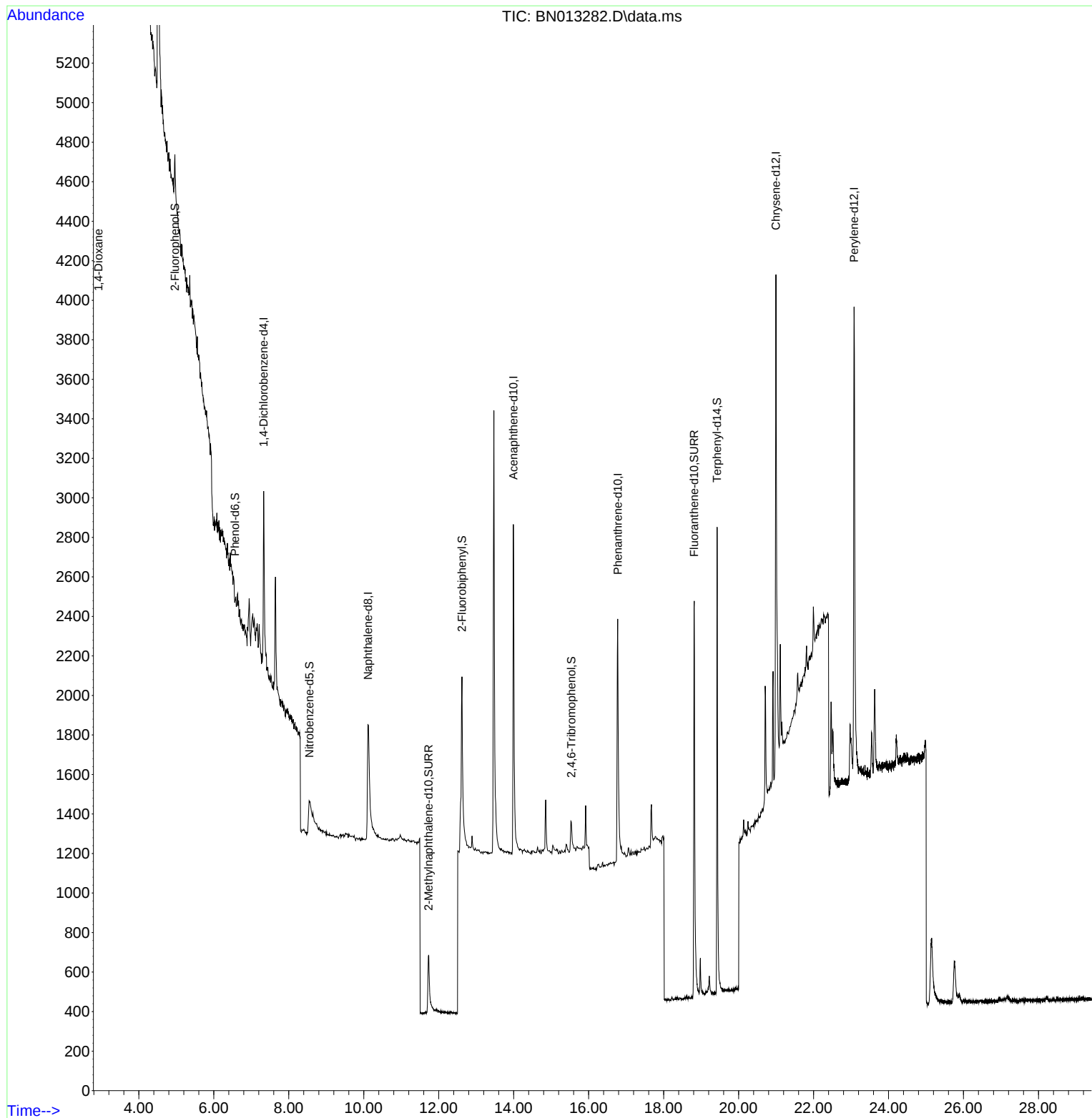
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	549	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	1791	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1252	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2972	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3246	0.40	ng	# 0.00
36) Perylene-d12	23.082	264	3695	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	249	0.11	ng	0.00
5) Phenol-d6	6.565	99	72	0.03	ng	0.02
8) Nitrobenzene-d5	8.553	82	443	0.24	ng	0.05
11) 2-Methylnaphthalene-d10	11.728	152	814	0.26	ng	0.02
14) 2,4,6-Tribromophenol	15.539	330	199	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.620	172	1265	0.24	ng	0.01
27) Fluoranthene-d10	18.816	212	3496	0.36	ng	0.00
31) Terphenyl-d14	19.426	244	3066	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.924	88	563	0.59	ng	# 73

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

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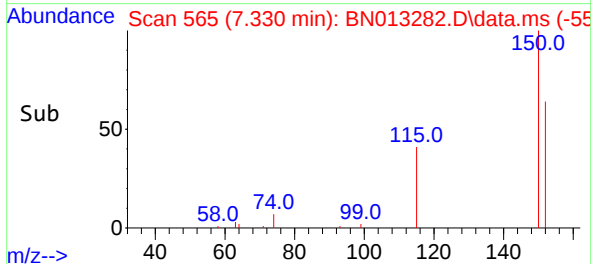
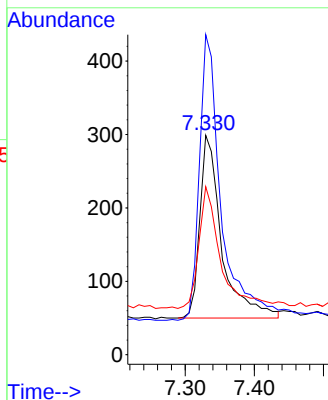
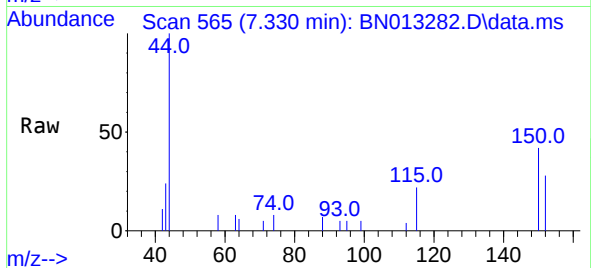




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

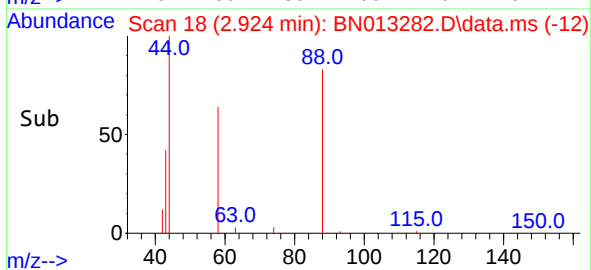
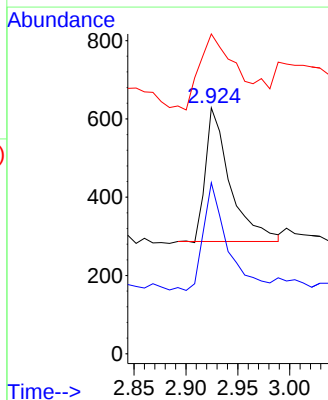
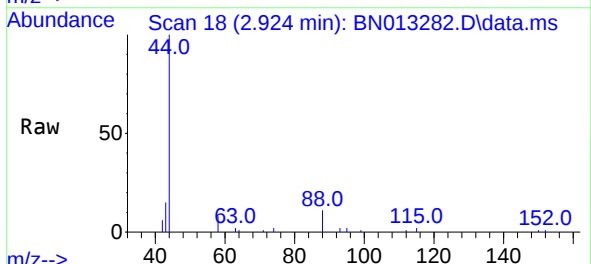
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

Tgt Ion:152 Resp: 549
Ion Ratio Lower Upper
152 100
150 145.8 116.6 174.8
115 76.6 52.9 79.3



#2
1,4-Dioxane
Concen: 0.59 ng
RT: 2.924 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion: 88 Resp: 563
Ion Ratio Lower Upper
88 100
58 78.5 59.4 89.2
43 82.9 32.3 48.5#

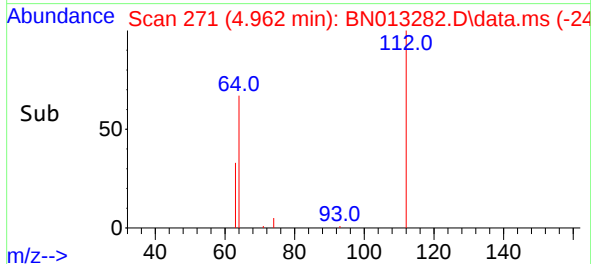
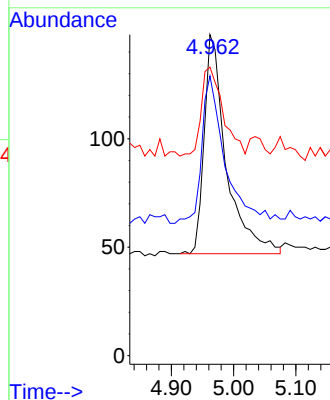
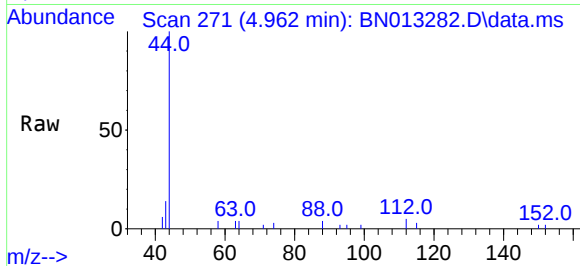




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

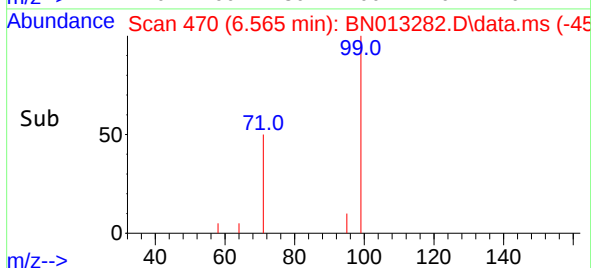
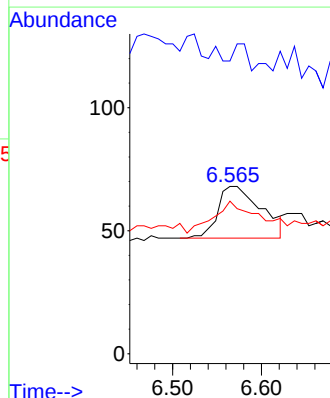
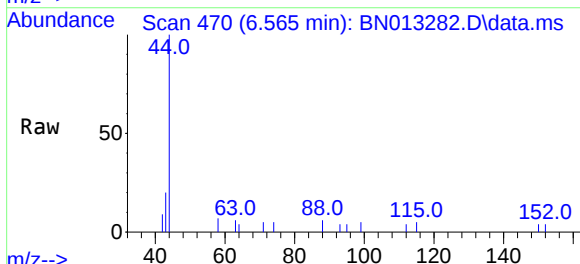
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

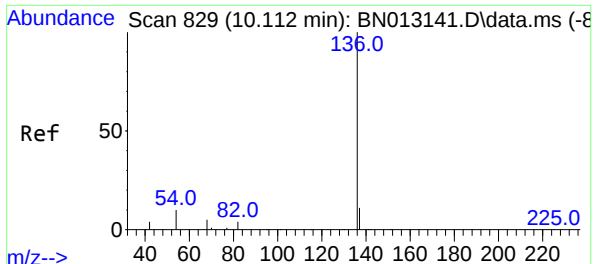
Tgt Ion:112 Resp: 249
Ion Ratio Lower Upper
112 100
64 71.1 49.5 74.3
63 39.8 32.0 48.0



#5
Phenol-d6
Concen: 0.03 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.024 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion: 99 Resp: 72
Ion Ratio Lower Upper
99 100
42 9.7 22.4 33.6#
71 63.9 37.8 56.6#



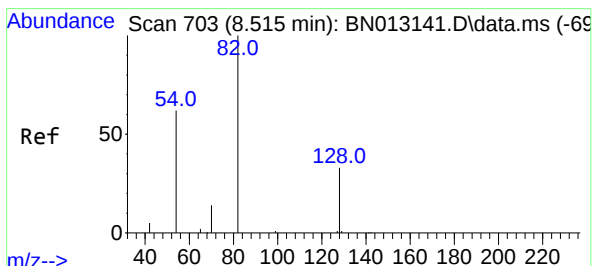
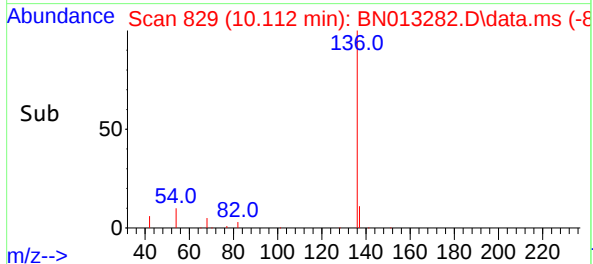
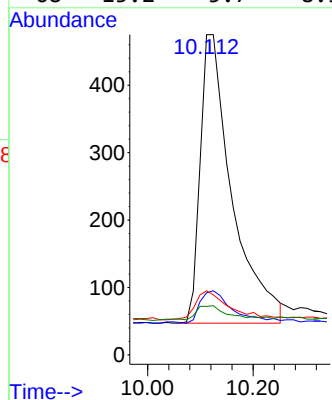
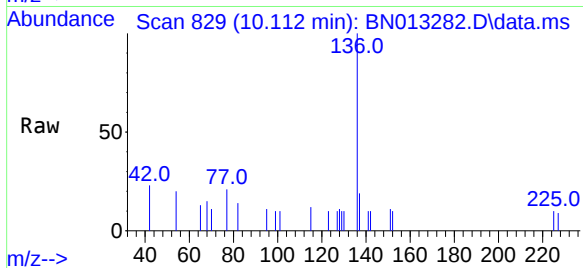


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

Tgt Ion: 136 Resp: 1791

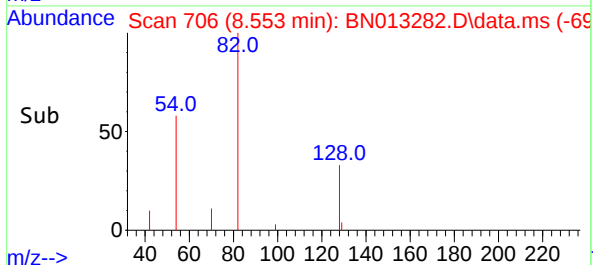
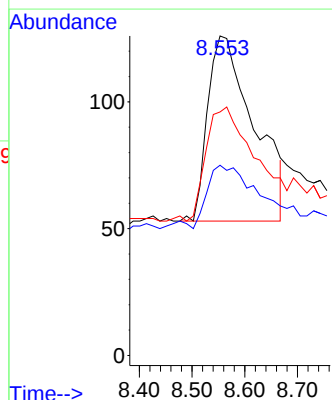
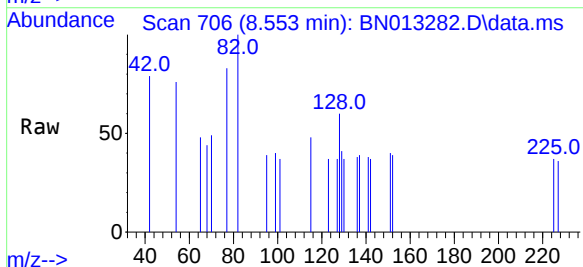
Ion	Ratio	Lower	Upper
136	100		
137	19.4	10.6	15.8#
54	20.0	8.6	12.8#
68	15.2	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.051 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion: 82 Resp: 443

Ion	Ratio	Lower	Upper
82	100		
128	59.5	30.6	46.0#
54	76.2	48.3	72.5#

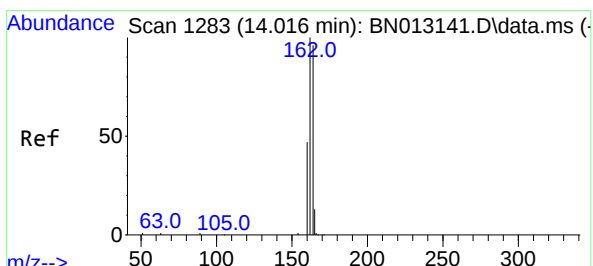
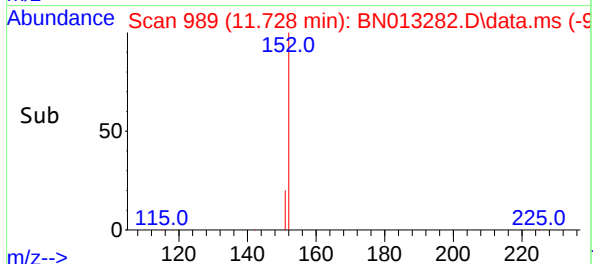
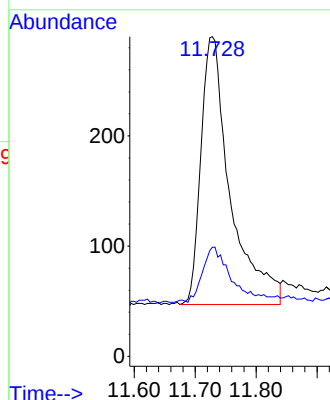
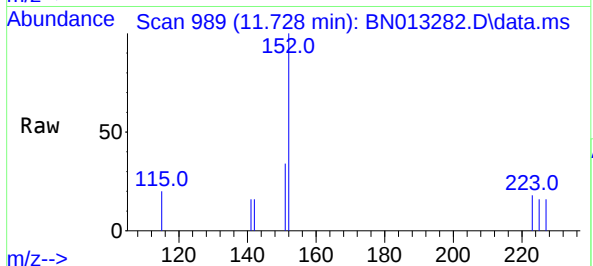




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.728 min Scan# 989
Delta R.T. 0.022 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

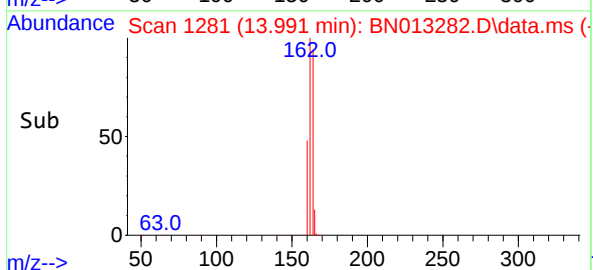
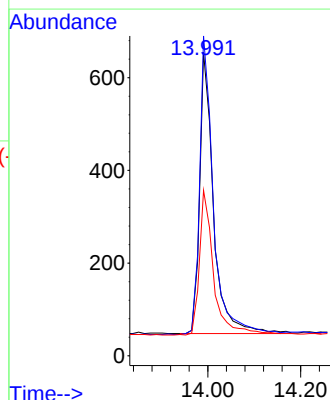
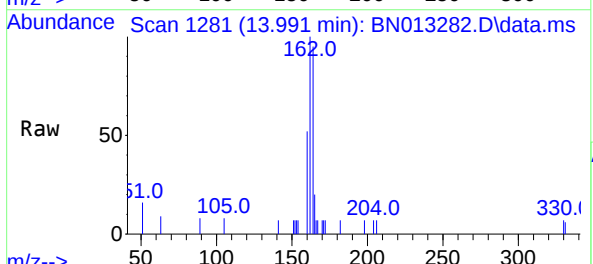
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

Tgt Ion:152 Resp: 814
Ion Ratio Lower Upper
152 100
151 19.0 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: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:164 Resp: 1252
Ion Ratio Lower Upper
164 100
162 105.5 80.6 120.8
160 54.6 39.5 59.3



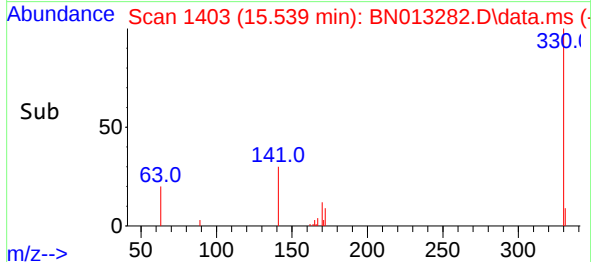
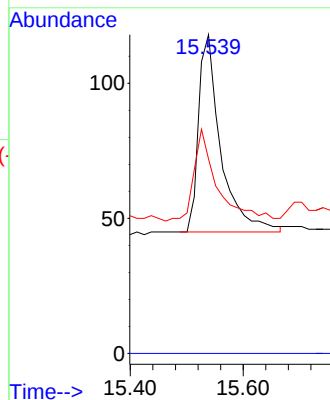
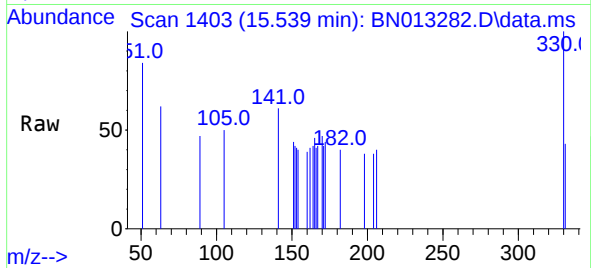


#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.012 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 330 Resp: 199

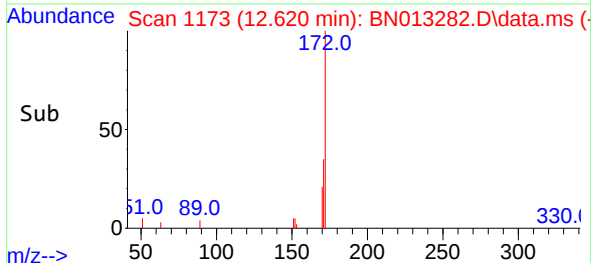
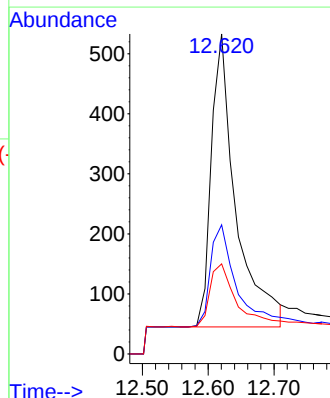
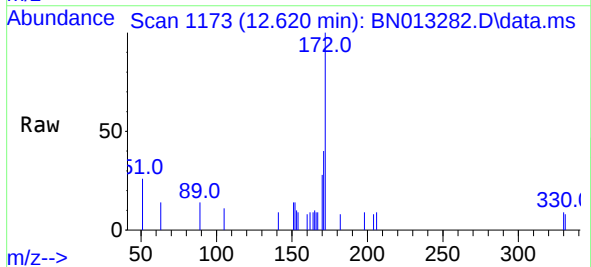
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	48.7	34.4	51.6



#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.620 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion: 172 Resp: 1265

Ion	Ratio	Lower	Upper
172	100		
171	40.3	28.2	42.4
170	28.1	20.0	30.0

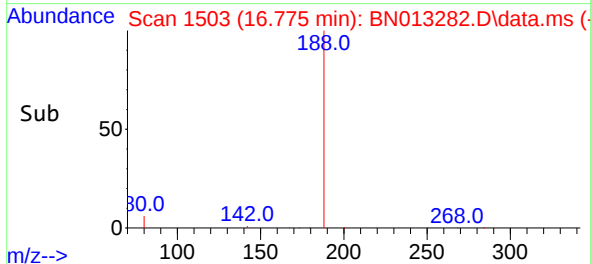
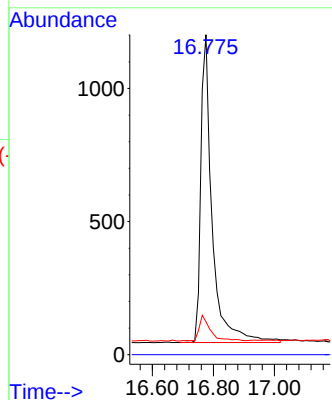
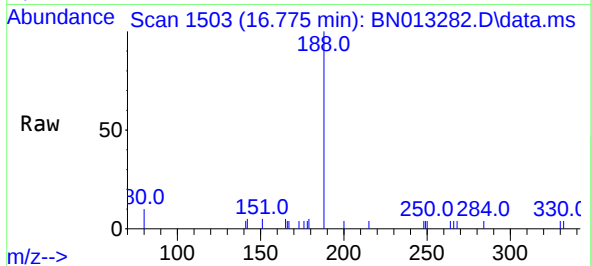




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

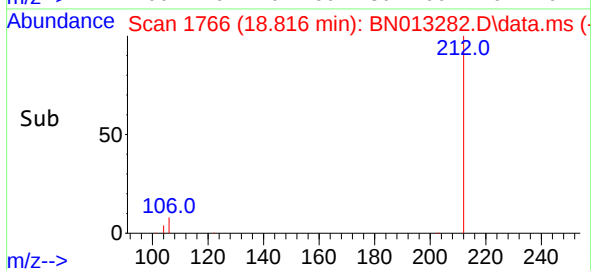
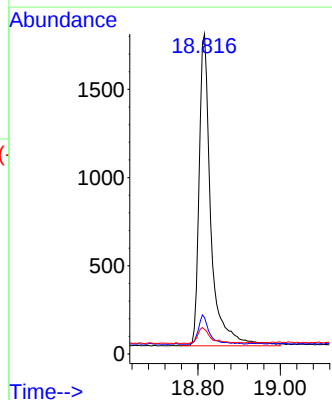
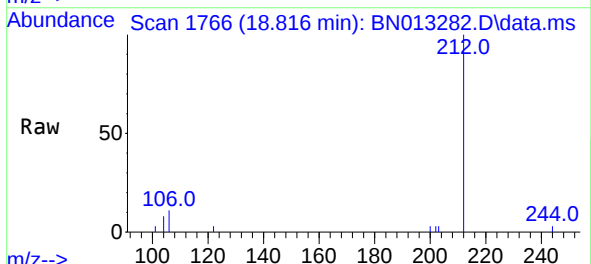
Instrument :
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Tgt Ion:188	Resp:	2972
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.3	5.0



#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:212	Resp:	3496
Ion Ratio	Lower	Upper
212	100	
106	8.5	6.8
104	5.3	4.1

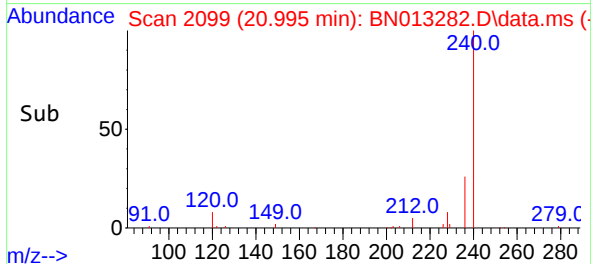
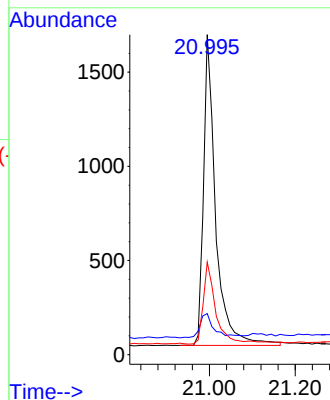
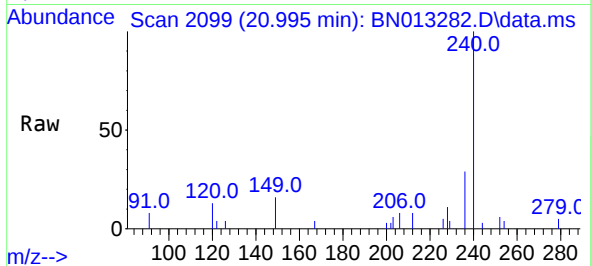




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

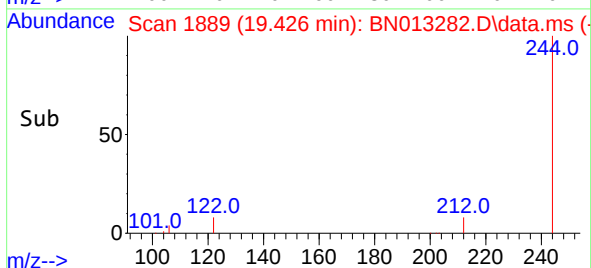
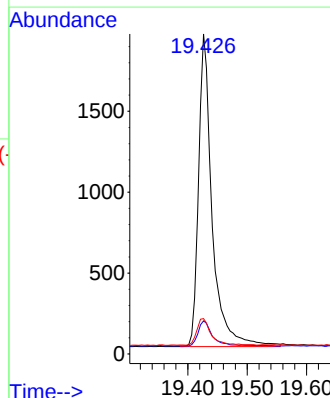
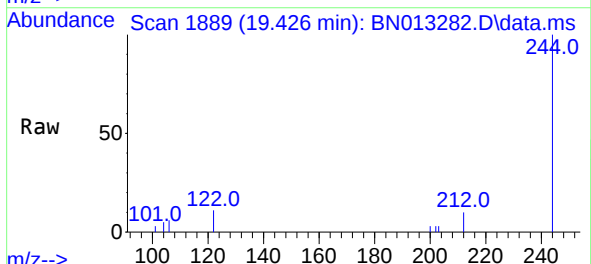
Instrument :
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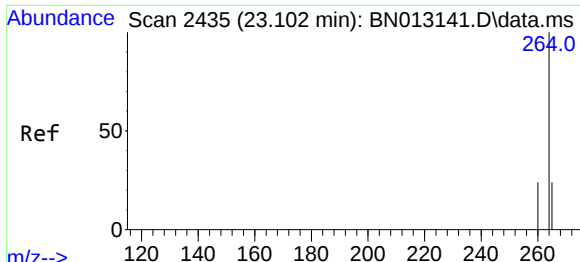
Tgt Ion:240 Resp: 3246
Ion Ratio Lower Upper
240 100
120 12.8 5.3 7.9#
236 29.0 21.8 32.8



#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.426 min Scan# 1889
Delta R.T. -0.005 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:244 Resp: 3066
Ion Ratio Lower Upper
244 100
212 10.4 7.3 10.9
122 11.1 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: BN013282.D
 Acq: 22 Dec 2020 21:49

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20201214

Tgt Ion:264 Resp: 3695

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.8	29.6
265	72.3	51.4	77.0

