

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013287.D
 Acq On : 23 Dec 2020 00:49
 Operator : CG/JU
 Sample : L5124-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT181S-20201215

Quant Time: Dec 23 01:30:13 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)

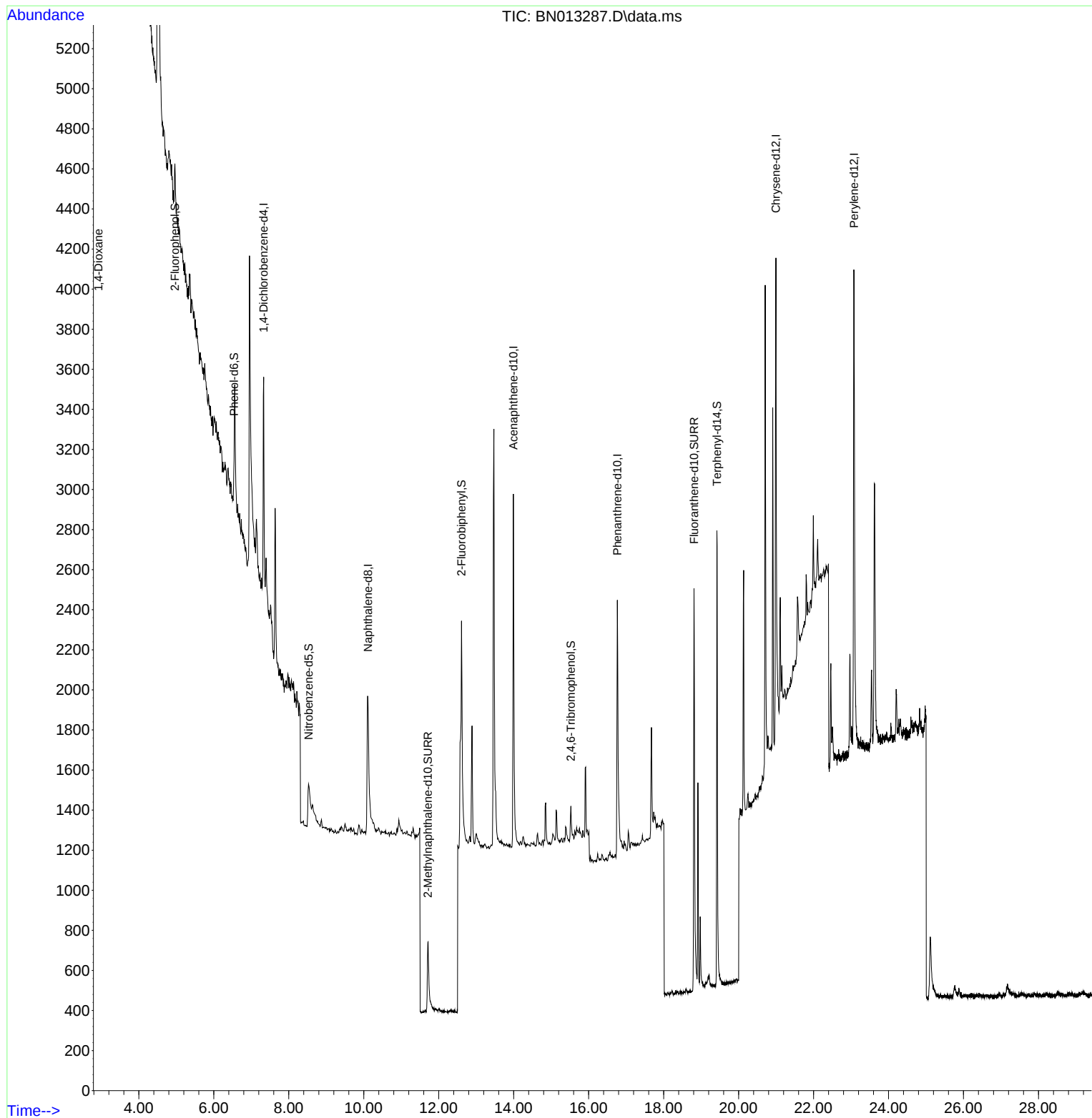
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	628	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	1839	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1185	0.40	ng	0.00
19) Phenanthrene-d10	16.763	188	2770	0.40	ng	# 0.00
29) Chrysene-d12	20.995	240	3086	0.40	ng	# 0.00
36) Perylene-d12	23.078	264	3722	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	232	0.09	ng	0.00
5) Phenol-d6	6.541	99	153	0.06	ng	0.00
8) Nitrobenzene-d5	8.528	82	535	0.28	ng	0.03
11) 2-Methylnaphthalene-d10	11.711	152	854	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	167	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1471	0.30	ng	0.00
27) Fluoranthene-d10	18.811	212	3224	0.35	ng	0.00
31) Terphenyl-d14	19.422	244	2861	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.925	88	452	0.41	ng	# 73

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

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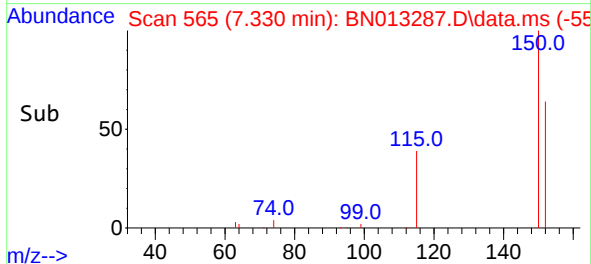
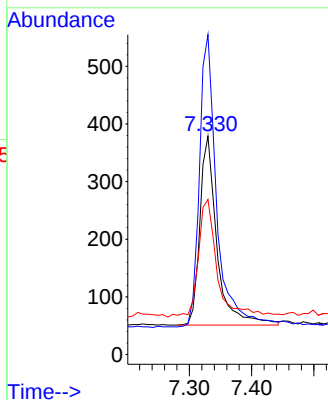
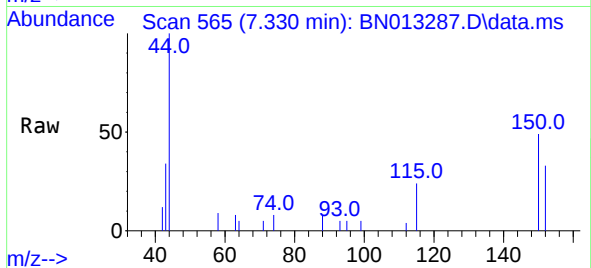




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013287.D
Acq: 23 Dec 2020 00:49

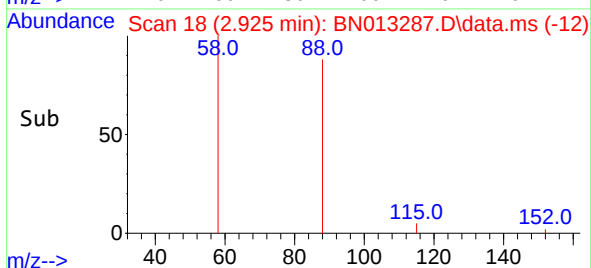
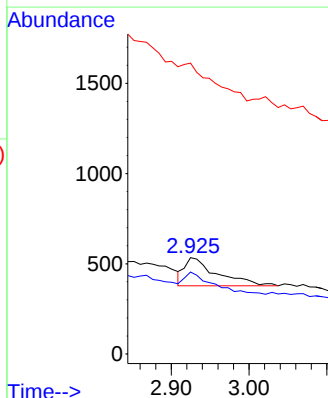
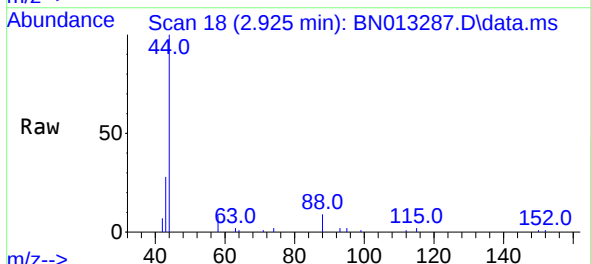
Instrument :
BNA_N
ClientSampleId :
TT181S-20201215

Tgt Ion:152 Resp: 628
Ion Ratio Lower Upper
152 100
150 146.4 116.6 174.8
115 71.0 52.9 79.3



#2
1,4-Dioxane
Concen: 0.41 ng
RT: 2.925 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN013287.D
Acq: 23 Dec 2020 00:49

Tgt Ion: 88 Resp: 452
Ion Ratio Lower Upper
88 100
58 69.2 59.4 89.2
43 0.0 32.3 48.5

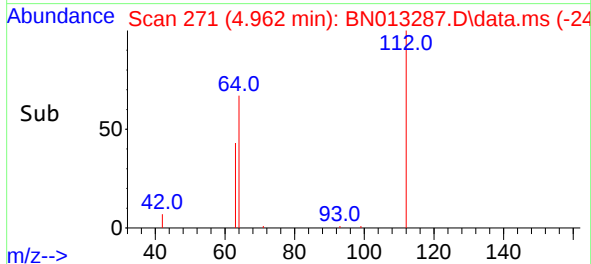
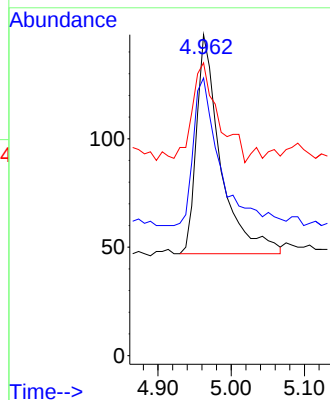
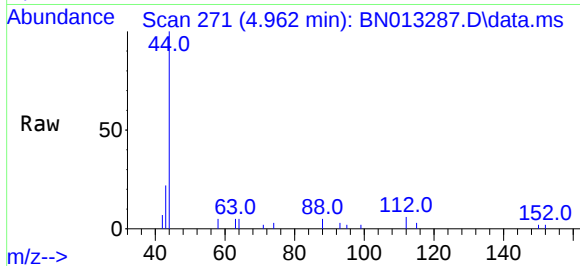




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013287.D
Acq: 23 Dec 2020 00:49

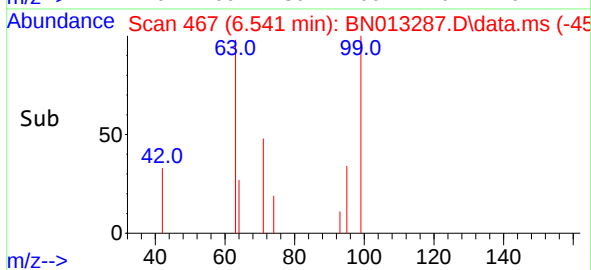
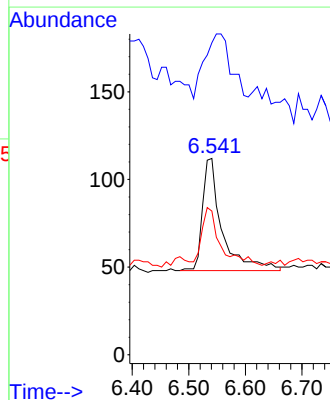
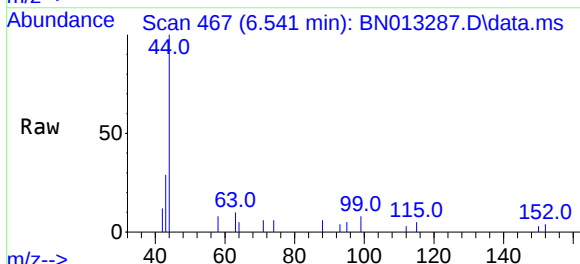
Instrument :
BNA_N
ClientSampleId :
TT181S-20201215

Tgt Ion:112 Resp: 232
Ion Ratio Lower Upper
112 100
64 74.1 49.5 74.3
63 45.7 32.0 48.0



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.541 min Scan# 467
Delta R.T. 0.000 min
Lab File: BN013287.D
Acq: 23 Dec 2020 00:49

Tgt Ion: 99 Resp: 153
Ion Ratio Lower Upper
99 100
42 77.1 22.4 33.6#
71 48.4 37.8 56.6



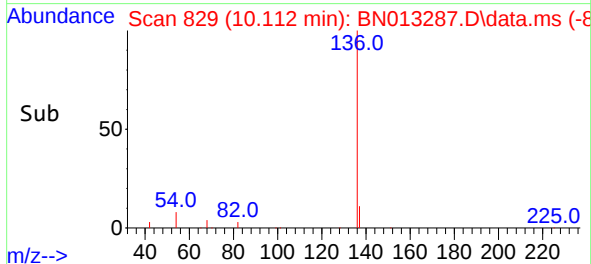
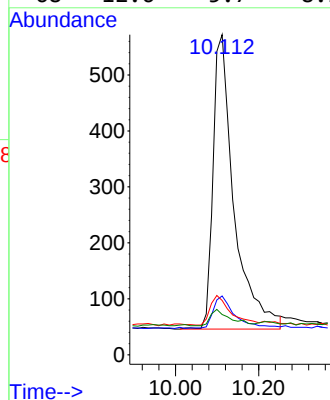
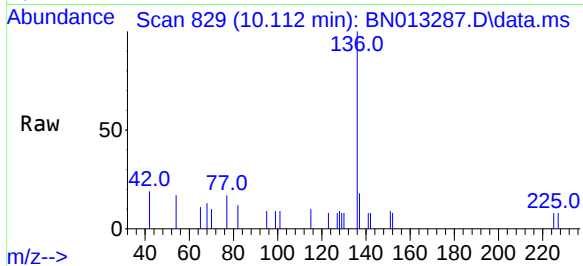


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013287.D
Acq: 23 Dec 2020 00:49

Instrument :
BNA_N
ClientSampleId :
TT181S-20201215

Tgt Ion: 136 Resp: 1839

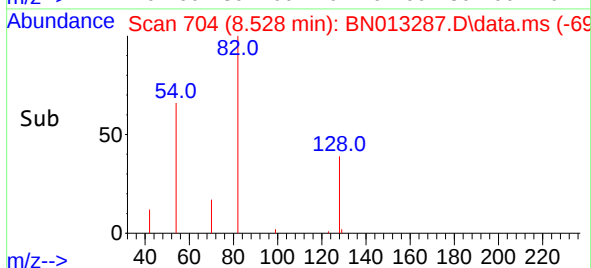
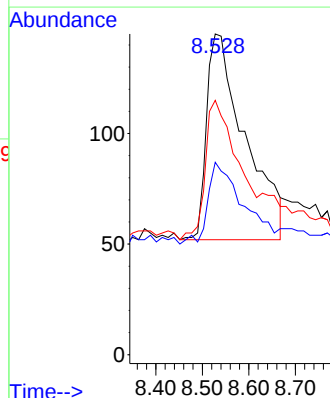
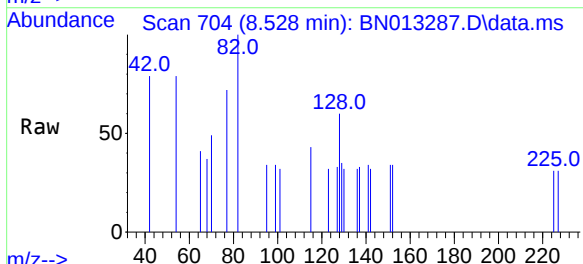
Ion	Ratio	Lower	Upper
136	100		
137	18.4	10.6	15.8#
54	17.0	8.6	12.8#
68	12.6	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.528 min Scan# 704
Delta R.T. 0.025 min
Lab File: BN013287.D
Acq: 23 Dec 2020 00:49

Tgt Ion: 82 Resp: 535

Ion	Ratio	Lower	Upper
82	100		
128	60.0	30.6	46.0#
54	79.3	48.3	72.5#

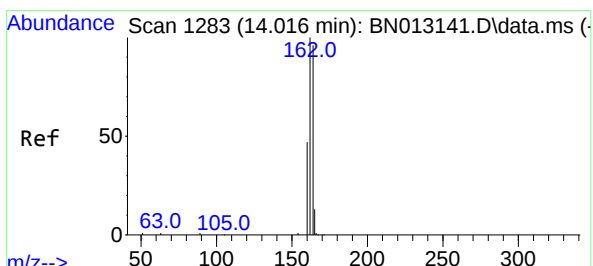
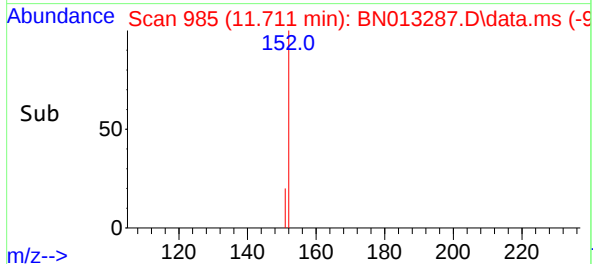
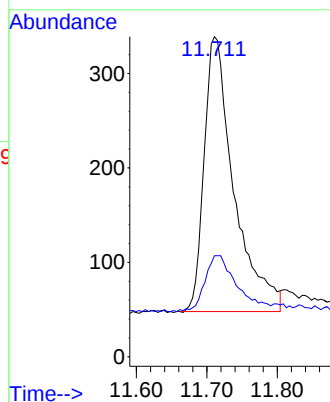
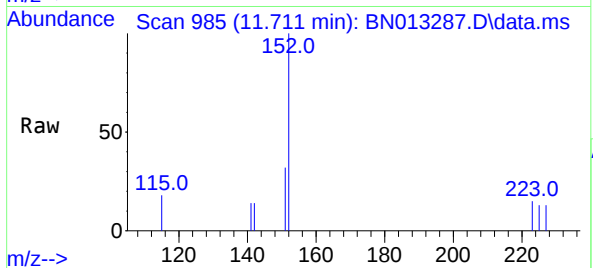




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.711 min Scan# 985
Delta R.T. 0.004 min
Lab File: BN013287.D
Acq: 23 Dec 2020 00:49

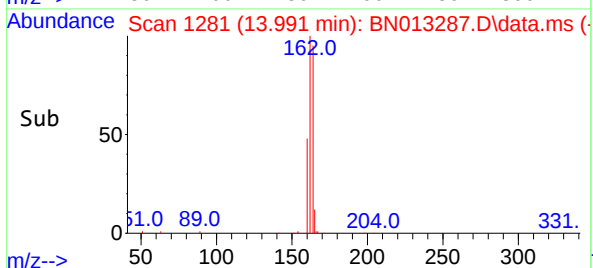
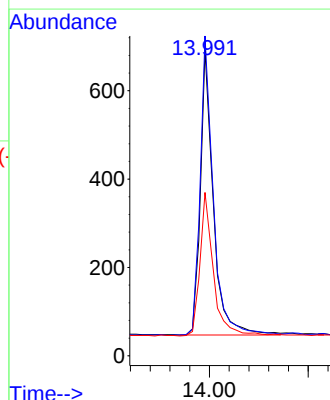
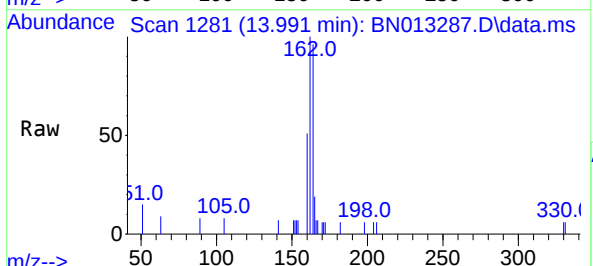
Instrument :
BNA_N
ClientSampleId :
TT181S-20201215

Tgt Ion:152 Resp: 854
Ion Ratio Lower Upper
152 100
151 21.9 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: BN013287.D
Acq: 23 Dec 2020 00:49

Tgt Ion:164 Resp: 1185
Ion Ratio Lower Upper
164 100
162 104.6 80.6 120.8
160 53.5 39.5 59.3

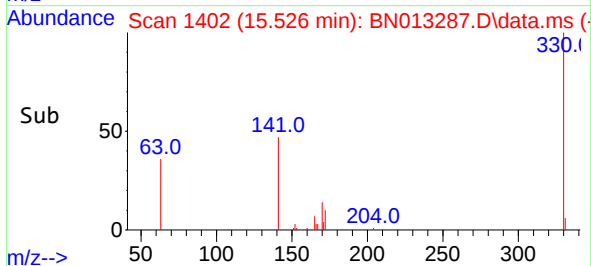
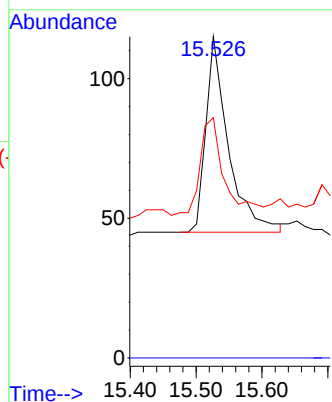
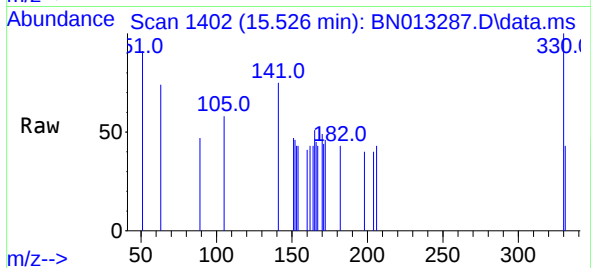




#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN013287.D
Acq: 23 Dec 2020 00:49

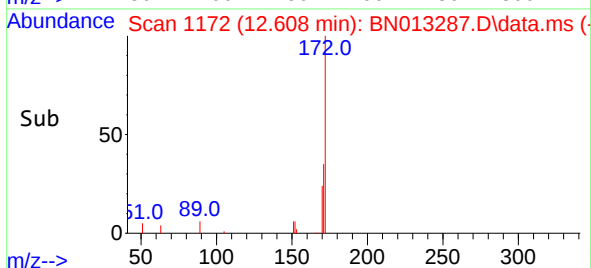
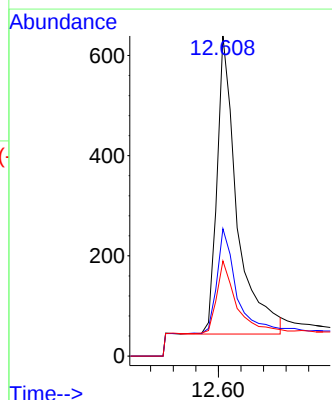
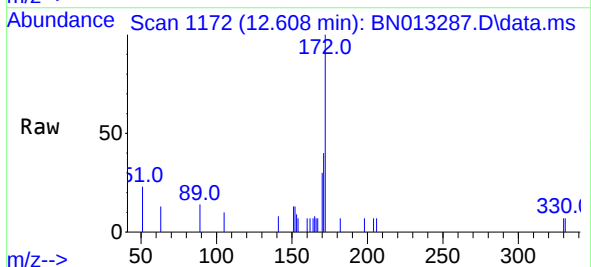
Instrument :
BNA_N
ClientSampleId :
TT181S-20201215

Tgt Ion:330 Resp: 167
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 53.3 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: BN013287.D
Acq: 23 Dec 2020 00:49

Tgt Ion:172 Resp: 1471
Ion Ratio Lower Upper
172 100
171 39.7 28.2 42.4
170 29.7 20.0 30.0

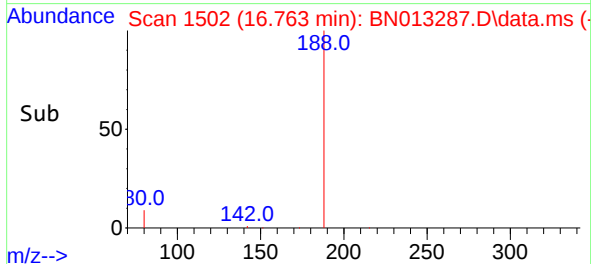
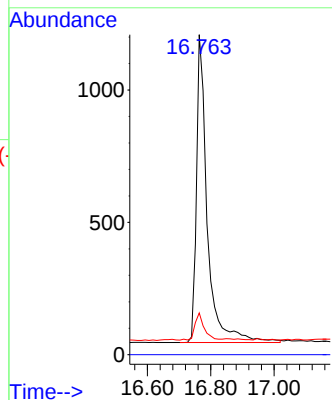
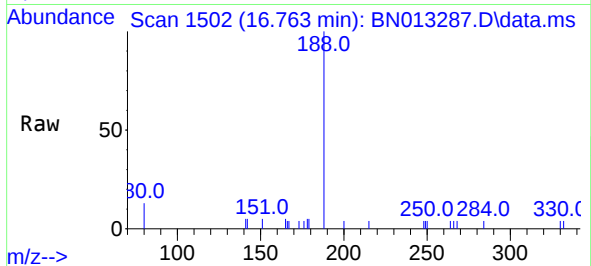




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BN013287.D
Acq: 23 Dec 2020 00:49

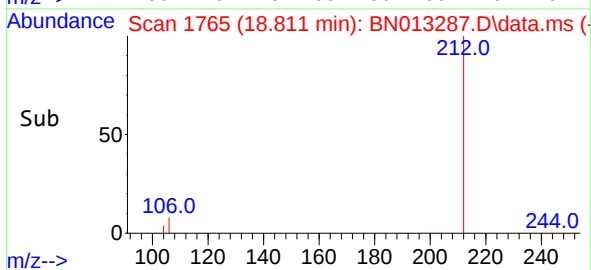
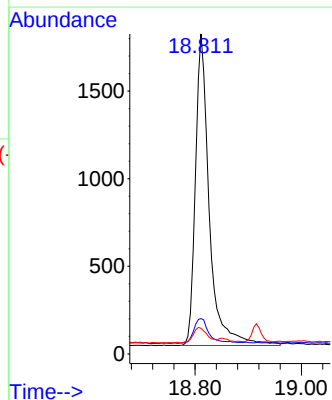
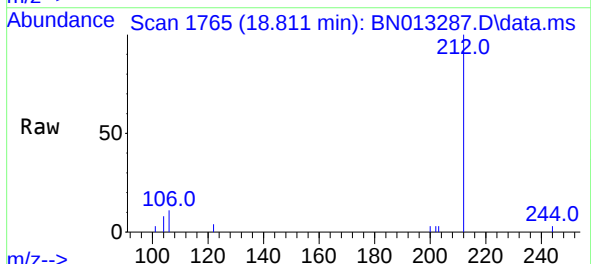
Instrument :
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Tgt Ion:188 Resp: 2770
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 5.0 7.4#



#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 18.811 min Scan# 1765
Delta R.T. -0.005 min
Lab File: BN013287.D
Acq: 23 Dec 2020 00:49

Tgt Ion:212 Resp: 3224
Ion Ratio Lower Upper
212 100
106 8.9 6.8 10.2
104 5.1 4.1 6.1

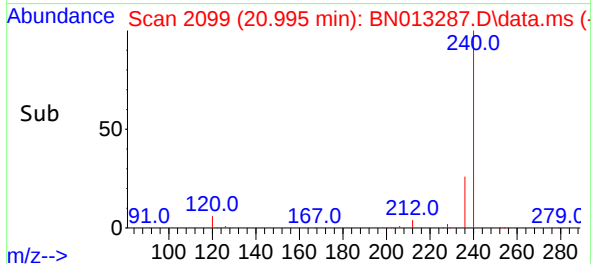
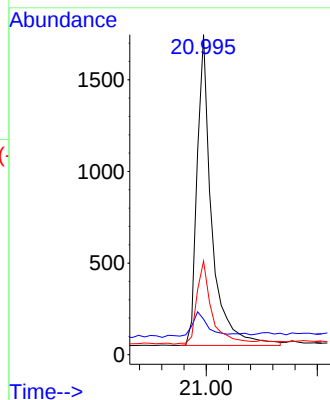
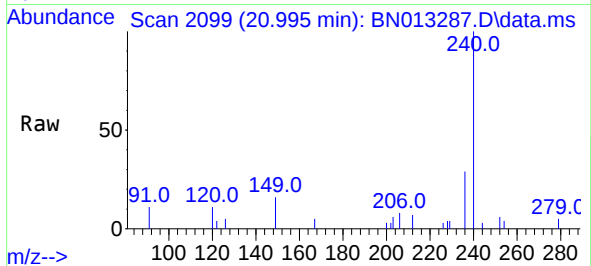




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN013287.D
Acq: 23 Dec 2020 00:49

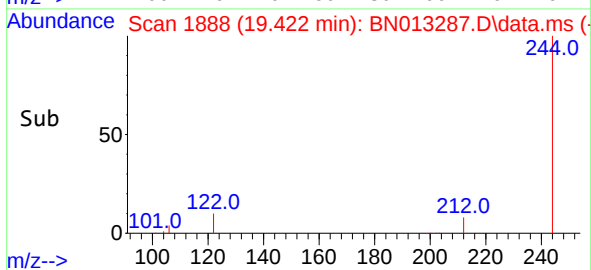
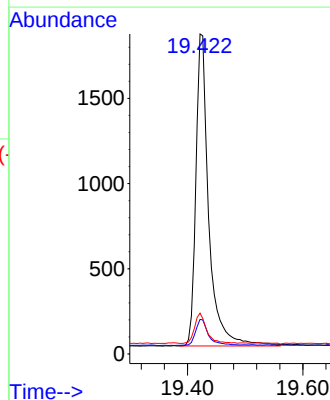
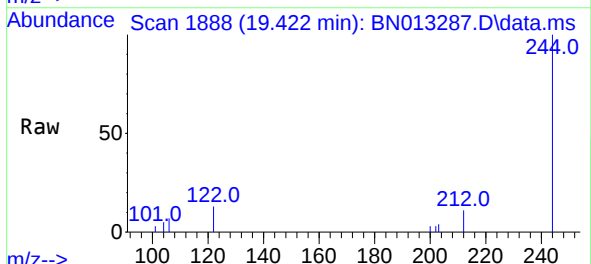
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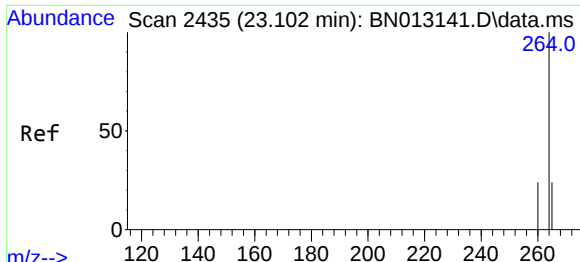
Tgt Ion:240 Resp: 3086
Ion Ratio Lower Upper
240 100
120 11.1 5.3 7.9#
236 29.3 21.8 32.8



#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.422 min Scan# 1888
Delta R.T. -0.010 min
Lab File: BN013287.D
Acq: 23 Dec 2020 00:49

Tgt Ion:244 Resp: 2861
Ion Ratio Lower Upper
244 100
212 10.8 7.3 10.9
122 12.8 7.3 10.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.078 min Scan# 2428
 Delta R.T. -0.007 min
 Lab File: BN013287.D
 Acq: 23 Dec 2020 00:49

Instrument :
 BNA_N
 ClientSampleId :
 TT181S-20201215

Tgt Ion:264 Resp: 3722

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.8	29.6
265	74.0	51.4	77.0

