

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013283.D
 Acq On : 22 Dec 2020 22:25
 Operator : CG/JU
 Sample : L5124-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20201214

Quant Time: Dec 23 00:54:28 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)

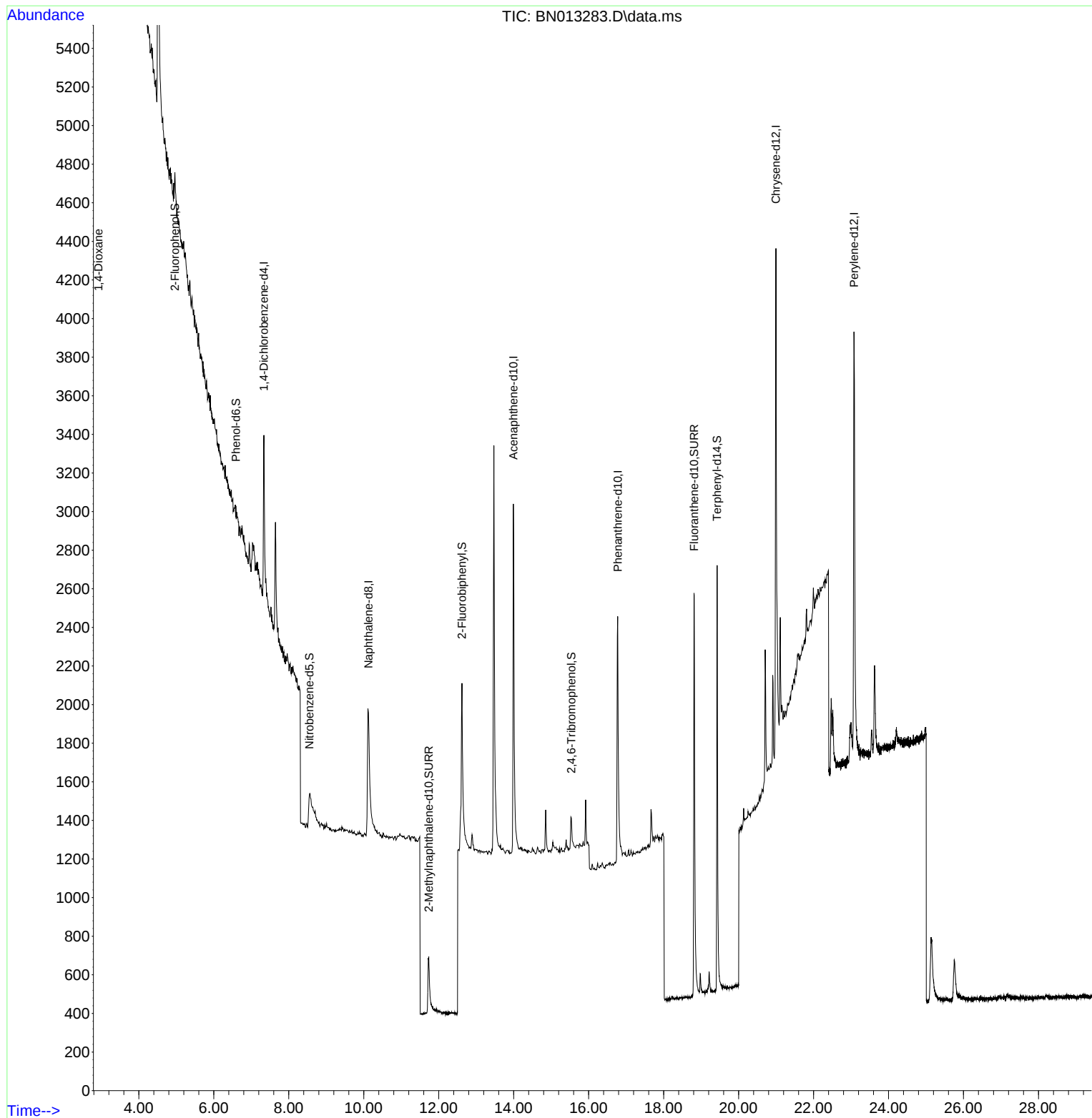
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	629	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2065	0.40	ng	# 0.03
13) Acenaphthene-d10	13.991	164	1390	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3150	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3273	0.40	ng	# 0.00
36) Perylene-d12	23.078	264	3600	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	226	0.09	ng	0.00
5) Phenol-d6	6.589	99	94	0.04	ng	0.05
8) Nitrobenzene-d5	8.553	82	487	0.23	ng	0.05
11) 2-Methylnaphthalene-d10	11.733	152	822	0.23	ng	0.03
14) 2,4,6-Tribromophenol	15.539	330	198	0.23	ng	0.01
15) 2-Fluorobiphenyl	12.621	172	1287	0.22	ng	0.01
27) Fluoranthene-d10	18.816	212	3533	0.34	ng	0.00
31) Terphenyl-d14	19.427	244	3011	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.925	88	1511	1.38	ng	Qvalue # 91

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

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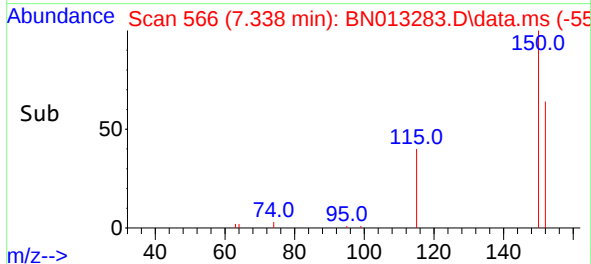
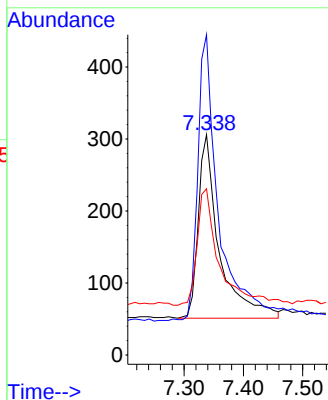
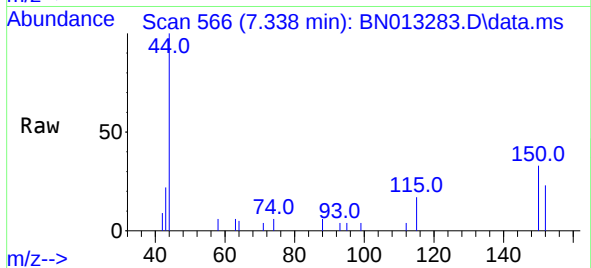




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

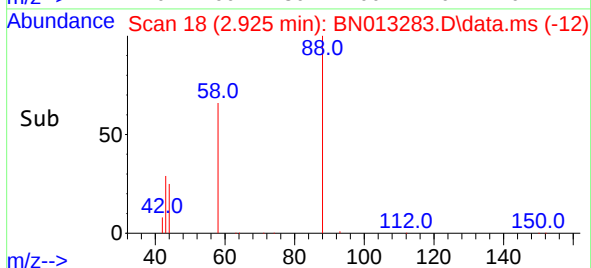
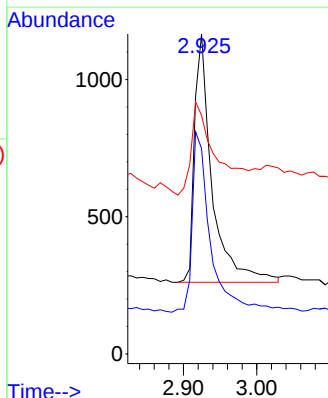
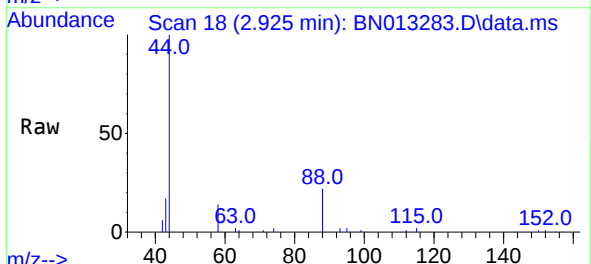
Instrument :
BNA_N
ClientSampleId :
RE123D1-20201214

Tgt Ion:152 Resp: 629
Ion Ratio Lower Upper
152 100
150 145.4 116.6 174.8
115 75.5 52.9 79.3



#2
1,4-Dioxane
Concen: 1.38 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion: 88 Resp: 1511
Ion Ratio Lower Upper
88 100
58 73.9 59.4 89.2
43 55.3 32.3 48.5

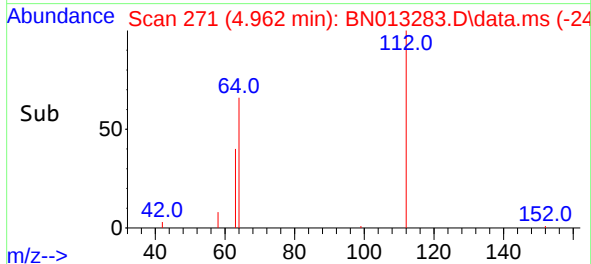
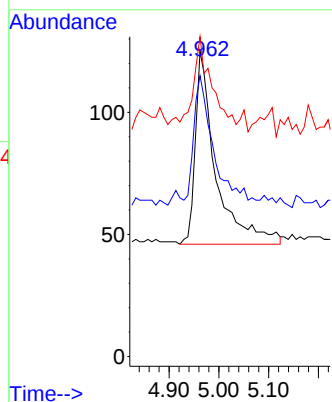
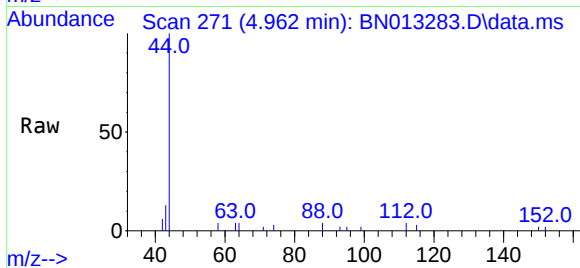




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

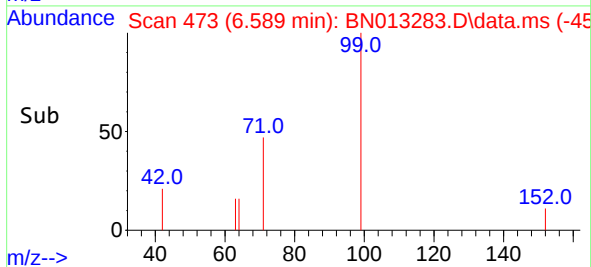
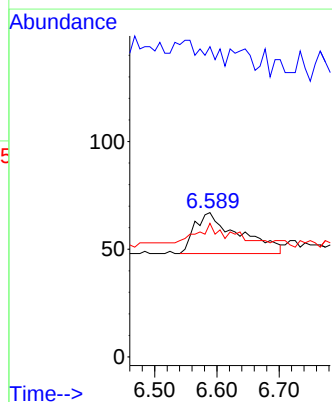
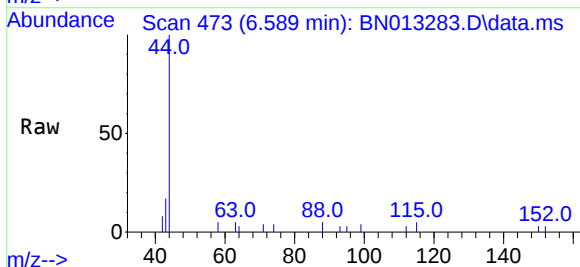
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BNA_N
ClientSampleId :
RE123D1-20201214

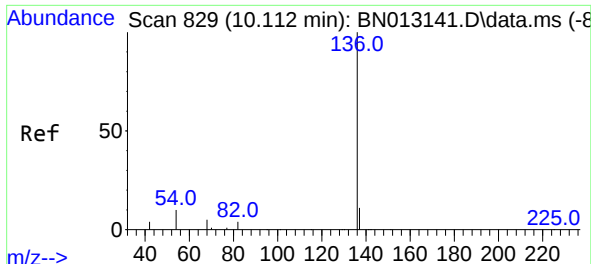
Tgt Ion:112 Resp: 226
Ion Ratio Lower Upper
112 100
64 62.8 49.5 74.3
63 39.4 32.0 48.0



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.589 min Scan# 473
Delta R.T. 0.048 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion: 99 Resp: 94
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 21.3 37.8 56.6#

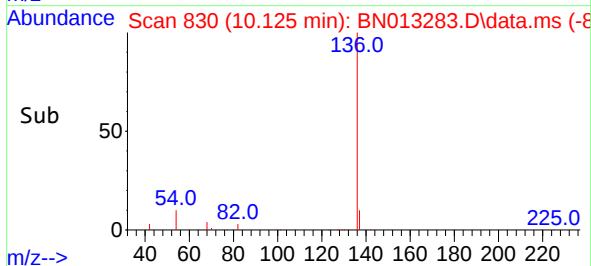
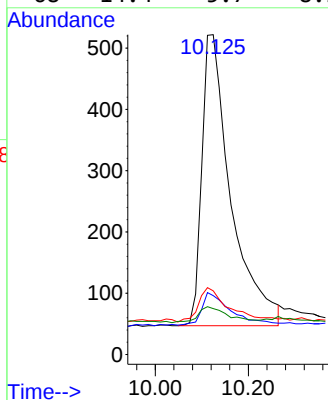
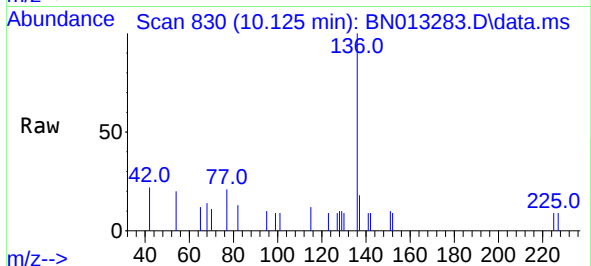




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.025 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

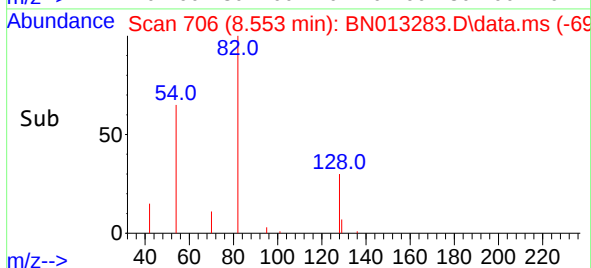
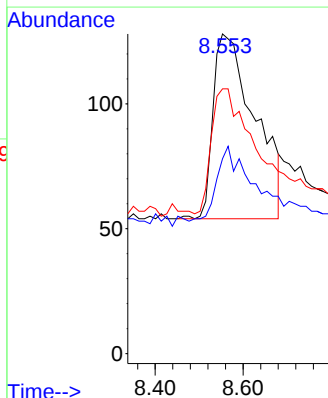
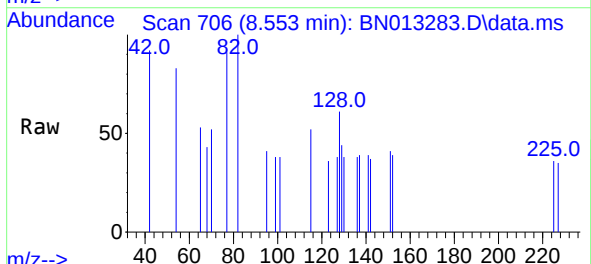
Instrument :
BNA_N
ClientSampleId :
RE123D1-20201214

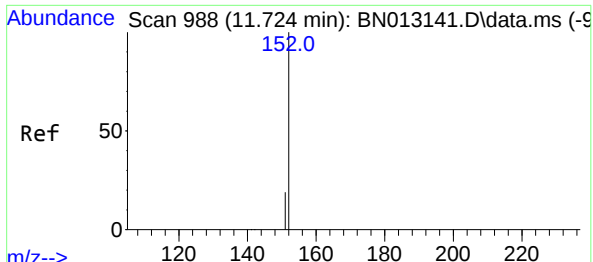
Tgt Ion:	136	Resp:	2065
Ion Ratio	Lower	Upper	
136	100		
137	18.4	10.6	15.8#
54	19.9	8.6	12.8#
68	14.4	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.051 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion:	82	Resp:	487
Ion Ratio	Lower	Upper	
82	100		
128	60.9	30.6	46.0#
54	82.8	48.3	72.5#

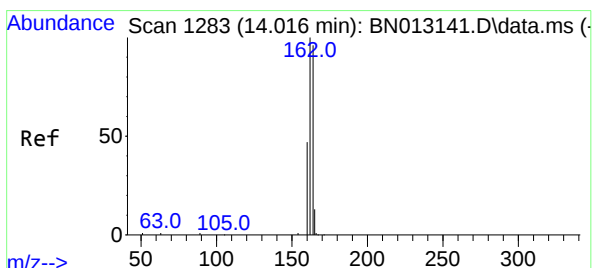
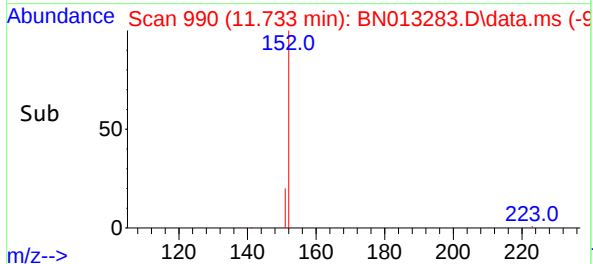
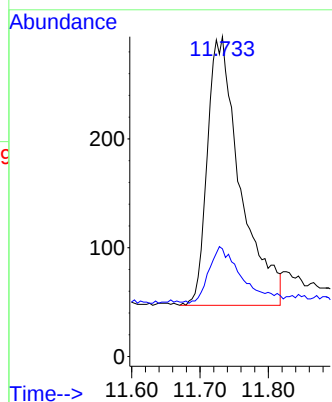
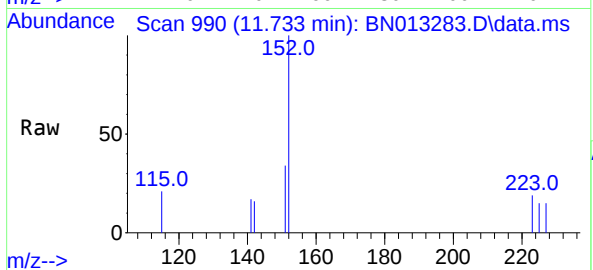




#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.027 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

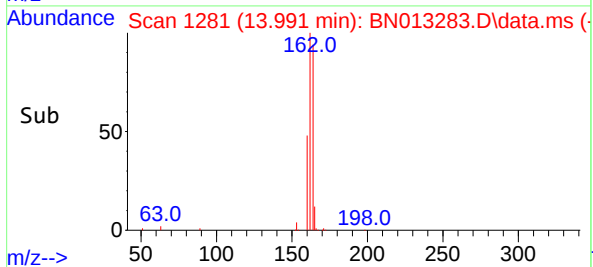
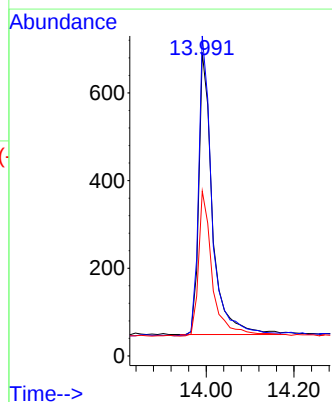
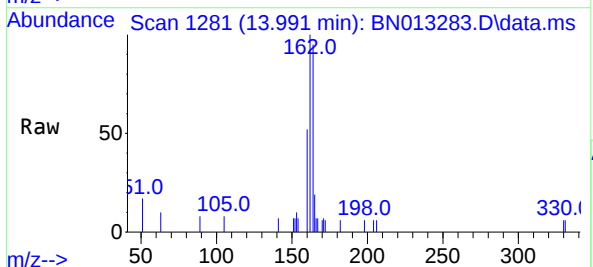
Instrument :
BNA_N
ClientSampleId :
RE123D1-20201214

Tgt Ion:152 Resp: 822
Ion Ratio Lower Upper
152 100
151 21.3 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: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion:164 Resp: 1390
Ion Ratio Lower Upper
164 100
162 105.5 80.6 120.8
160 54.3 39.5 59.3

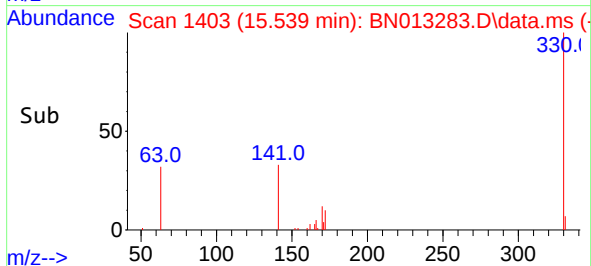
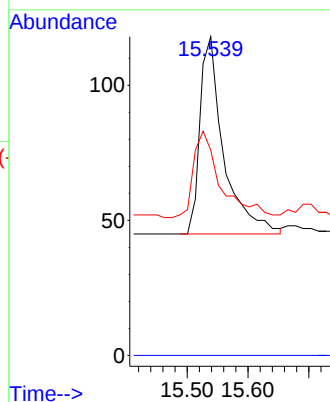
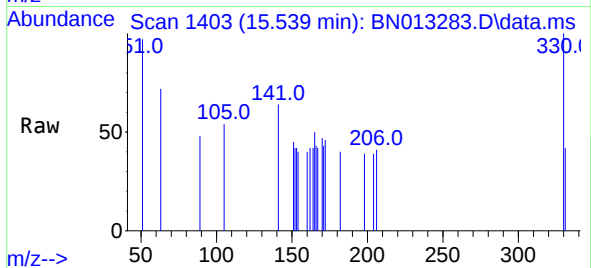




#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

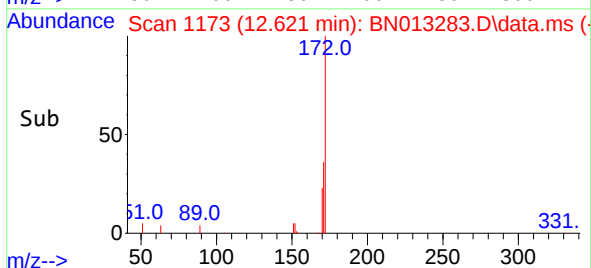
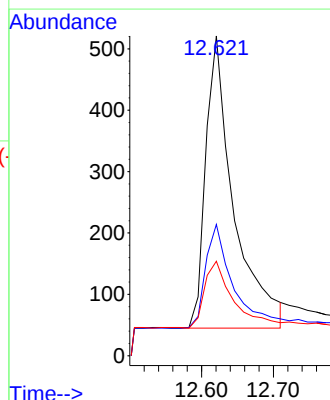
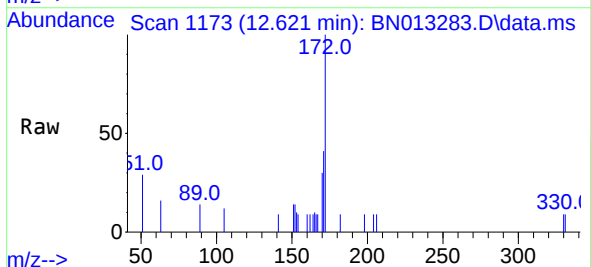
Instrument :
BNA_N
ClientSampleId :
RE123D1-20201214

Tgt Ion:330 Resp: 198
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.5 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion:172 Resp: 1287
Ion Ratio Lower Upper
172 100
171 41.1 28.2 42.4
170 29.6 20.0 30.0

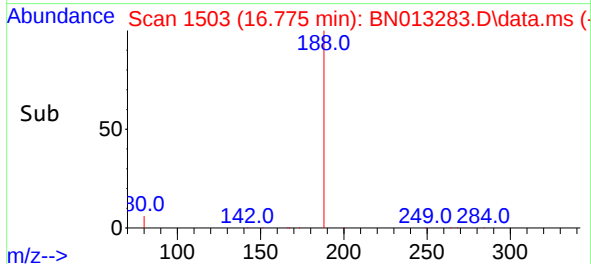
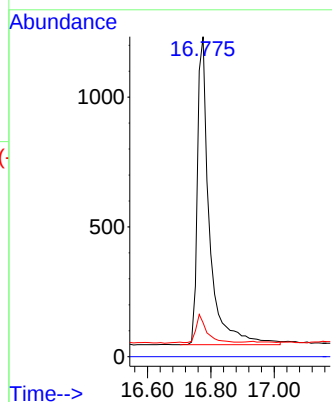
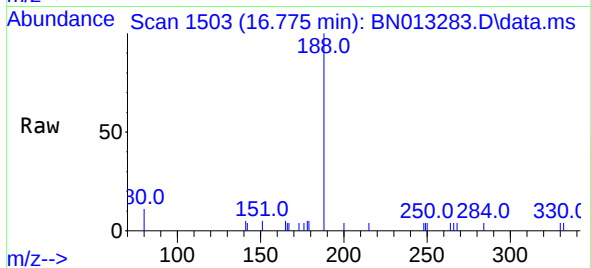




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

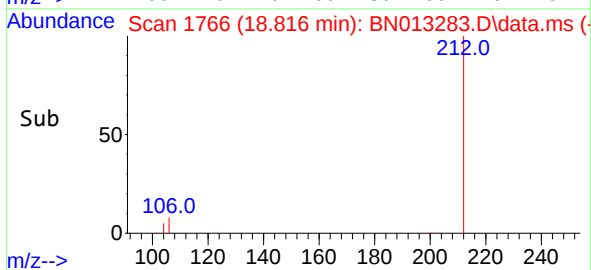
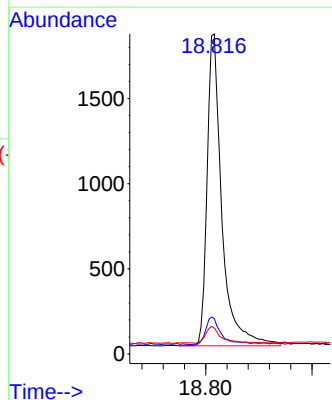
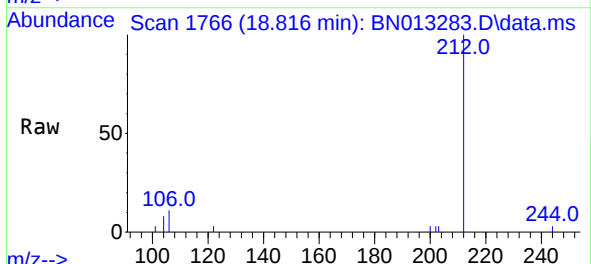
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	188	Resp:	3150
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	5.0	7.4#



#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion:	212	Resp:	3533
Ion	Ratio	Lower	Upper
212	100		
106	9.0	6.8	10.2
104	5.7	4.1	6.1

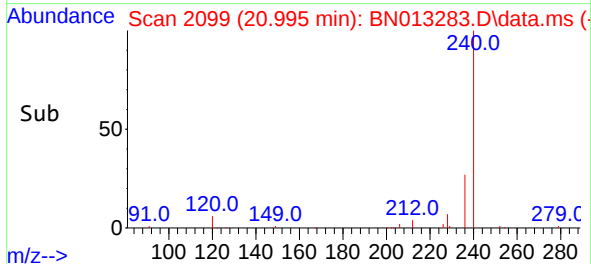
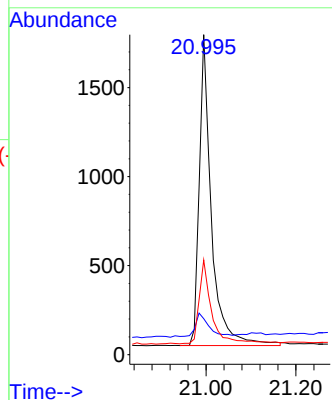
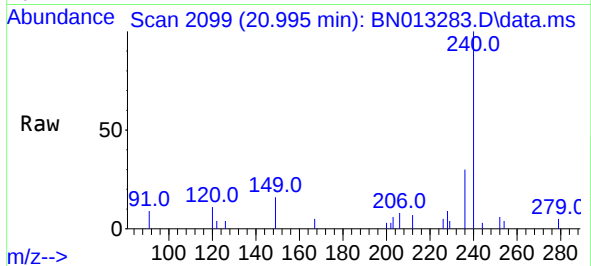




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

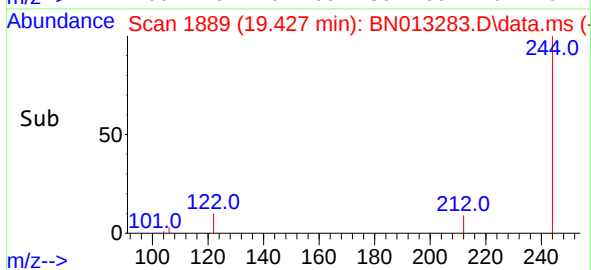
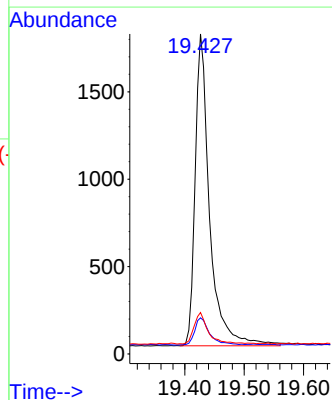
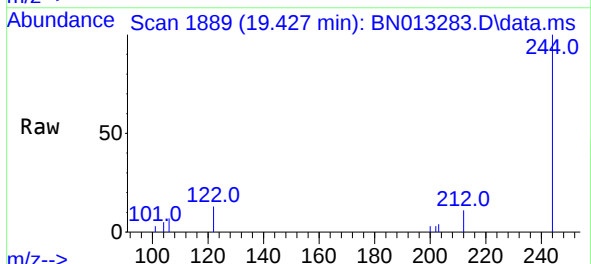
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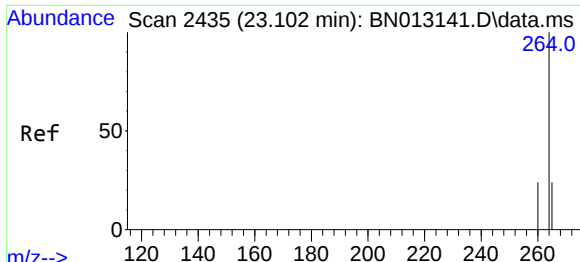
Tgt Ion:240 Resp: 3273
Ion Ratio Lower Upper
240 100
120 11.2 5.3 7.9#
236 29.6 21.8 32.8



#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.427 min Scan# 1889
Delta R.T. -0.005 min
Lab File: BN013283.D
Acq: 22 Dec 2020 22:25

Tgt Ion:244 Resp: 3011
Ion Ratio Lower Upper
244 100
212 11.3 7.3 10.9#
122 12.9 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: BN013283.D
 Acq: 22 Dec 2020 22:25

Instrument :
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 ClientSampleId :
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Tgt Ion:264	Resp:	3600
Ion Ratio	Lower	Upper
264	100	
260	27.8	19.8 29.6
265	80.5	51.4 77.0#

