

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013284.D
 Acq On : 22 Dec 2020 23:01
 Operator : CG/JU
 Sample : L5124-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20201211

Quant Time: Dec 23 00:54:36 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)

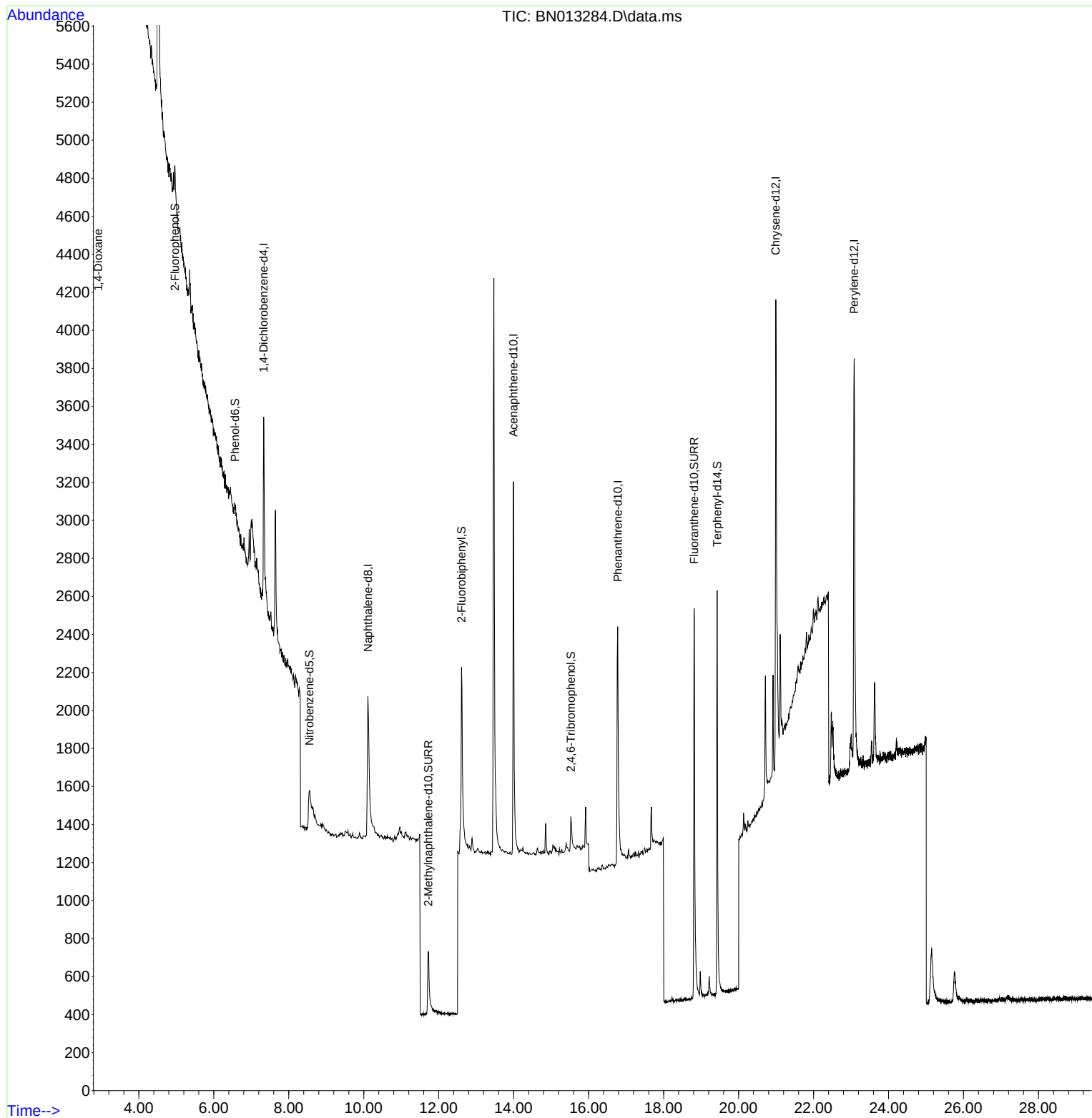
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	664	0.40	ng	# 0.00
7) Naphthalene-d8	10.112	136	2058	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1393	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3065	0.40	ng	# 0.01
29) Chrysene-d12	20.992	240	3242	0.40	ng	# 0.00
36) Perylene-d12	23.083	264	3565	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	261	0.10	ng	0.00
5) Phenol-d6	6.565	99	125	0.05	ng	0.02
8) Nitrobenzene-d5	8.553	82	538	0.25	ng	0.05
11) 2-Methylnaphthalene-d10	11.724	152	917	0.25	ng	0.02
14) 2,4,6-Tribromophenol	15.526	330	210	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1422	0.24	ng	0.00
27) Fluoranthene-d10	18.813	212	3637	0.36	ng	0.00
31) Terphenyl-d14	19.429	244	3052	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.917	88	4982	4.30	ng	Qvalue 96

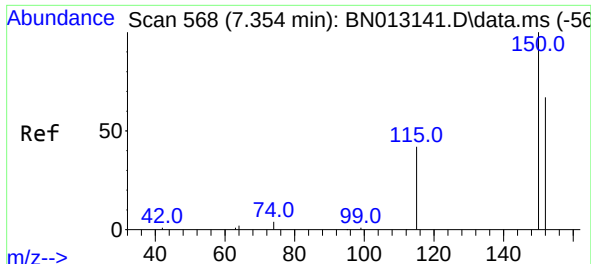
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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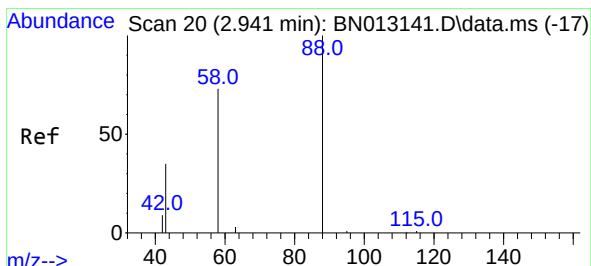
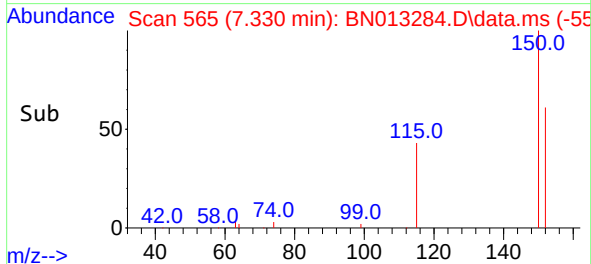
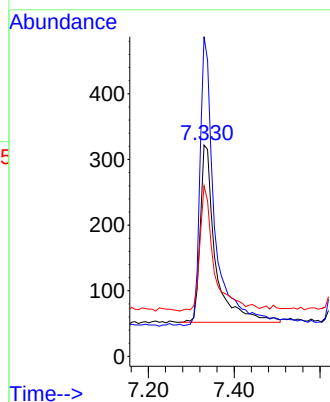
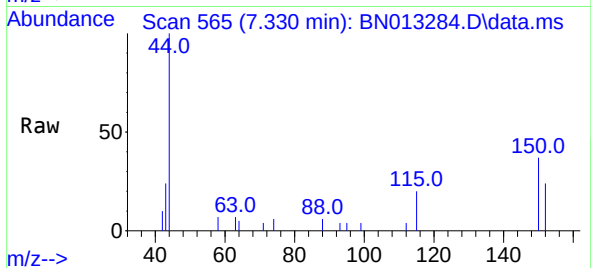




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

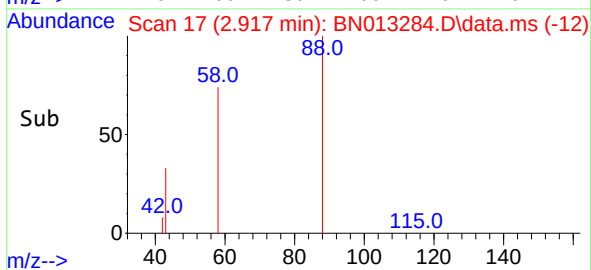
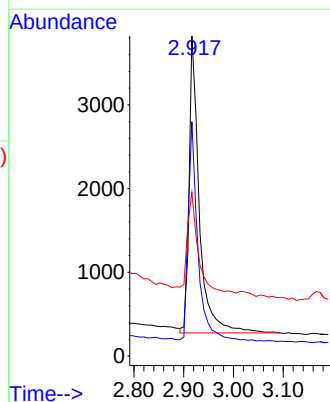
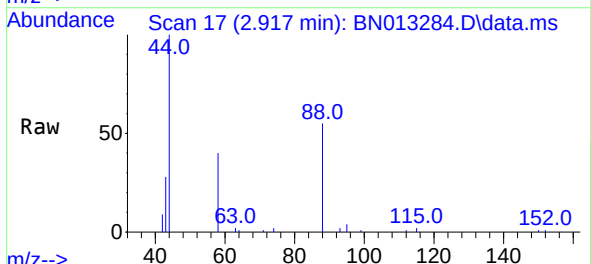
Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211

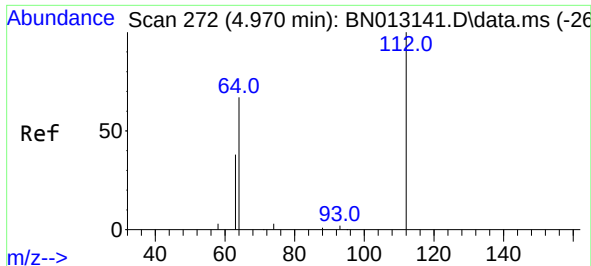
Tgt Ion:152 Resp: 664
Ion Ratio Lower Upper
152 100
150 151.2 116.6 174.8
115 80.7 52.9 79.3#



#2
1,4-Dioxane
Concen: 4.30 ng
RT: 2.917 min Scan# 17
Delta R.T. -0.008 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion: 88 Resp: 4982
Ion Ratio Lower Upper
88 100
58 72.7 59.4 89.2
43 35.1 32.3 48.5



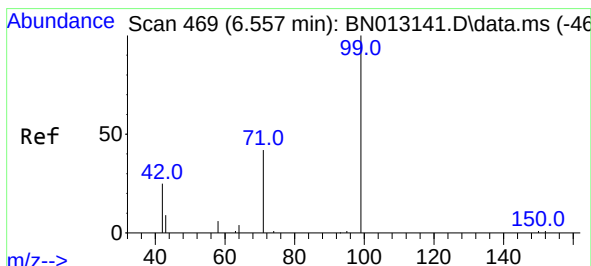
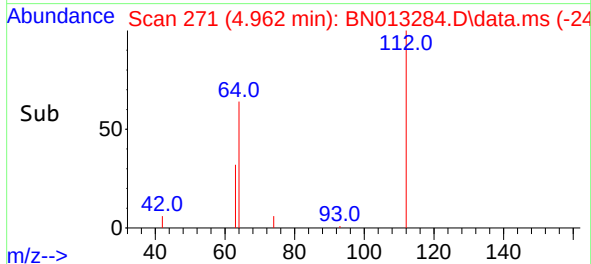
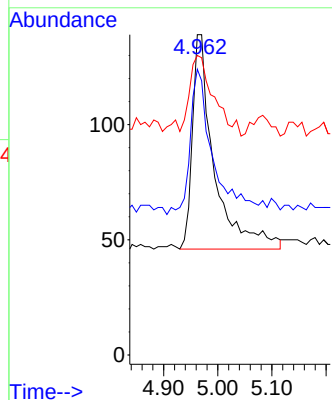
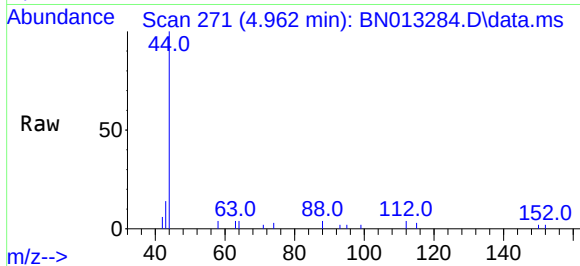


#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211

Tgt Ion:112 Resp: 261

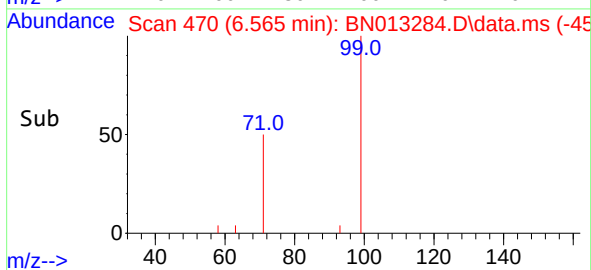
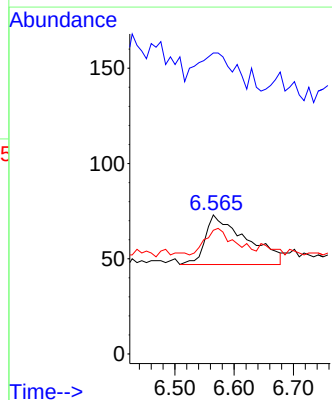
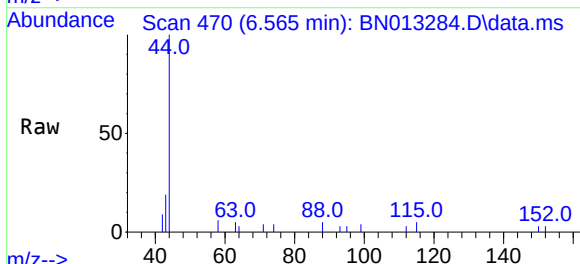
Ion	Ratio	Lower	Upper
112	100		
64	70.1	49.5	74.3
63	44.8	32.0	48.0

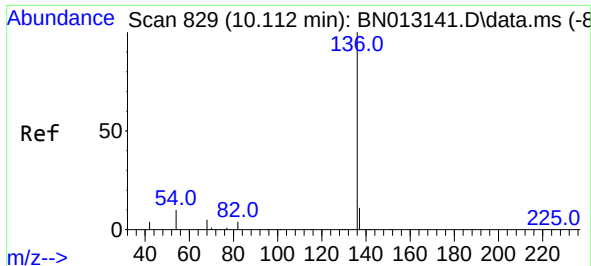


#5
Phenol-d6
Concen: 0.05 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.024 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion: 99 Resp: 125

Ion	Ratio	Lower	Upper
99	100		
42	59.2	22.4	33.6
71	40.0	37.8	56.6



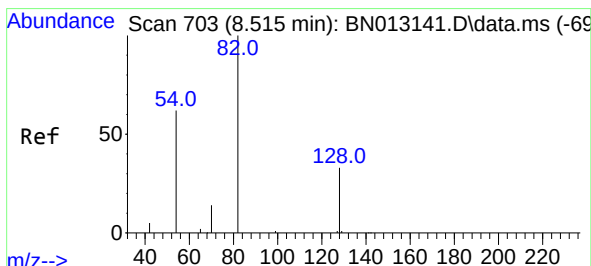
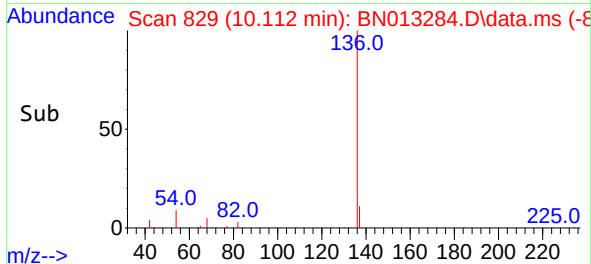
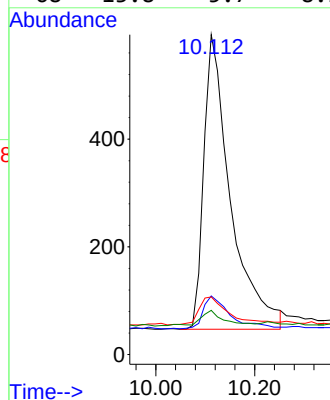
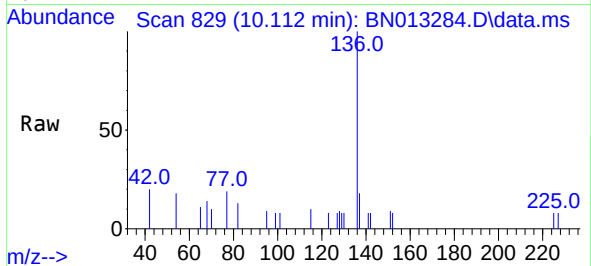


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211

Tgt Ion: 136 Resp: 2058

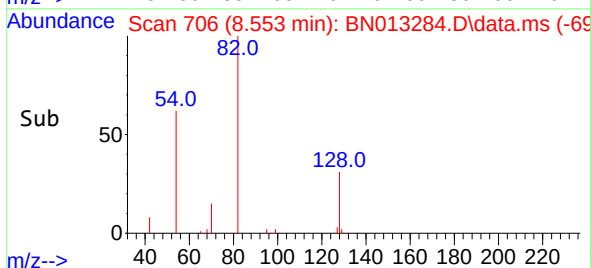
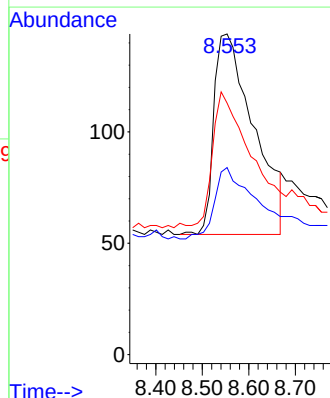
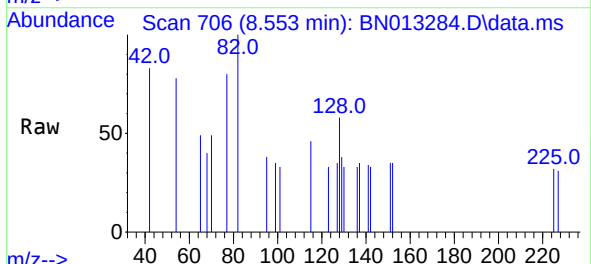
Ion	Ratio	Lower	Upper
136	100		
137	18.4	10.6	15.8#
54	18.0	8.6	12.8#
68	13.8	5.7	8.5#

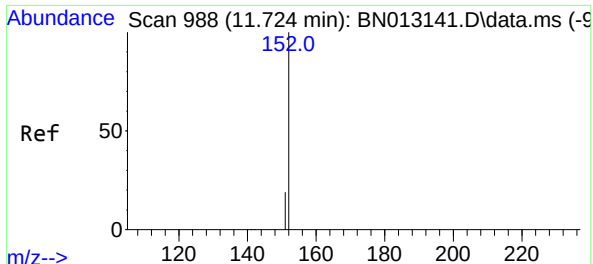


#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.051 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion: 82 Resp: 538

Ion	Ratio	Lower	Upper
82	100		
128	58.3	30.6	46.0#
54	78.5	48.3	72.5#

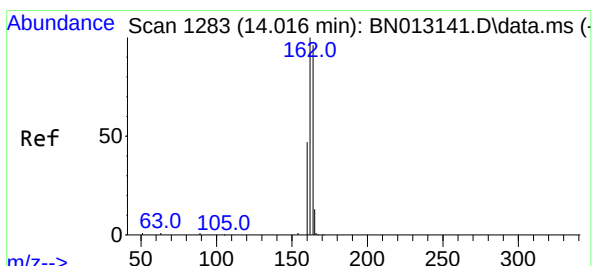
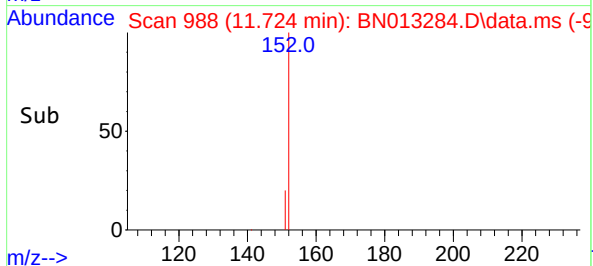
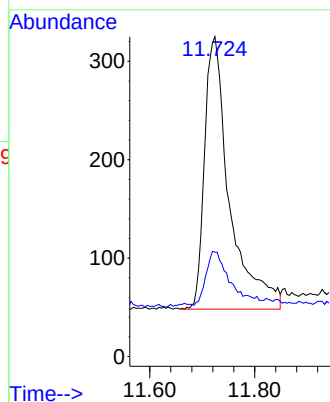
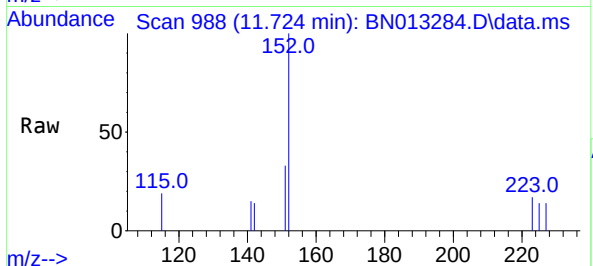




#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.724 min Scan# 988
Delta R.T. 0.018 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

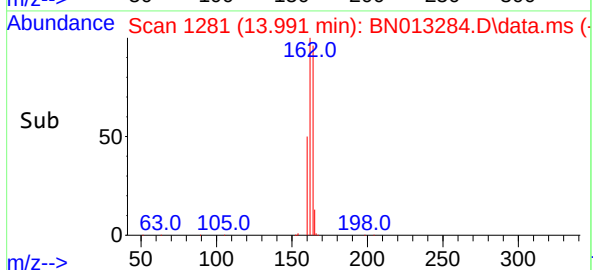
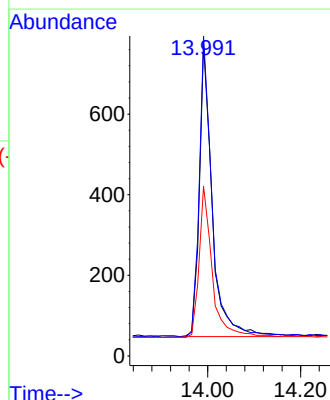
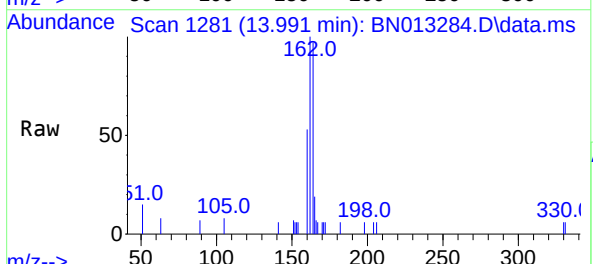
Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211

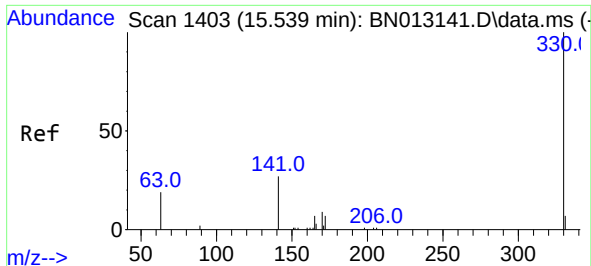
Tgt Ion:152 Resp: 917
Ion Ratio Lower Upper
152 100
151 19.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:164 Resp: 1393
Ion Ratio Lower Upper
164 100
162 102.8 80.6 120.8
160 54.5 39.5 59.3

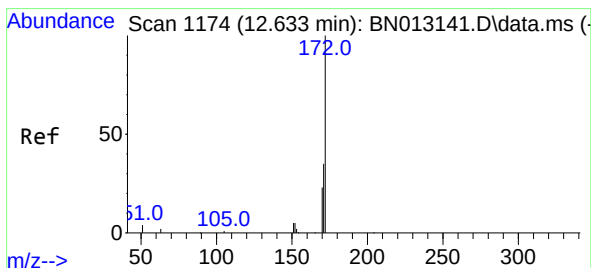
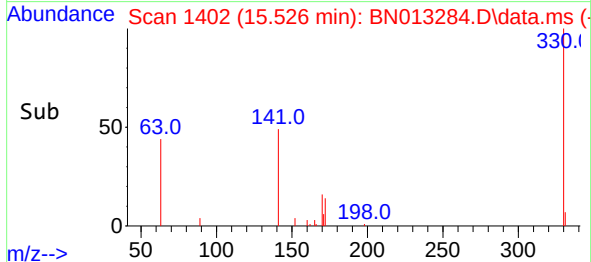
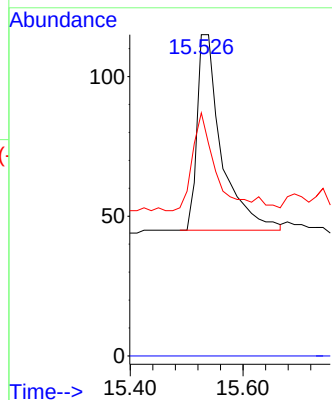
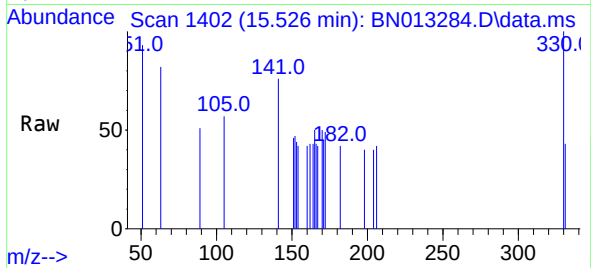




#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.526 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

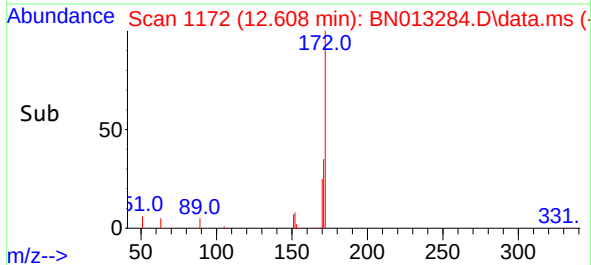
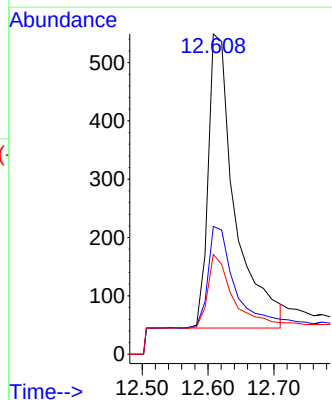
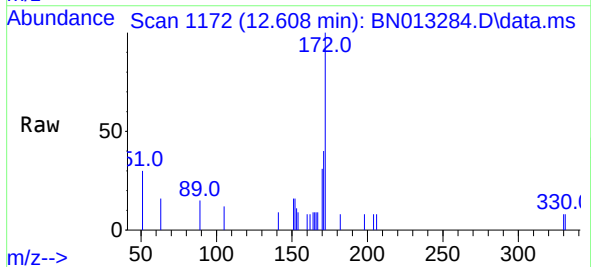
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ClientSampleId :
RE109D3-20201211

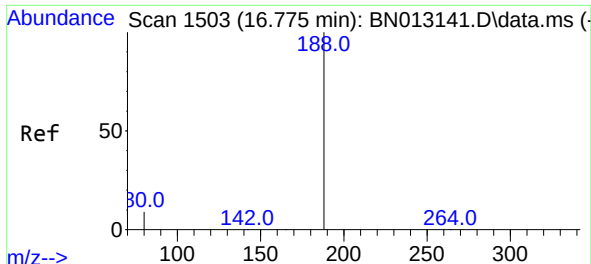
Tgt Ion:330 Resp: 210
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.0 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.608 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:172 Resp: 1422
Ion Ratio Lower Upper
172 100
171 39.9 28.2 42.4
170 31.1 20.0 30.0#

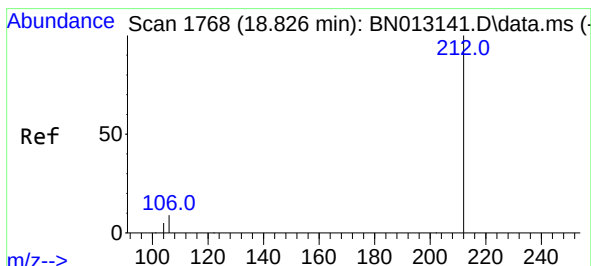
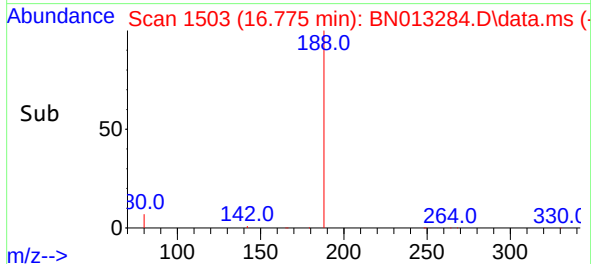
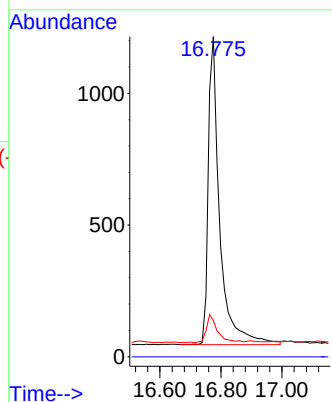
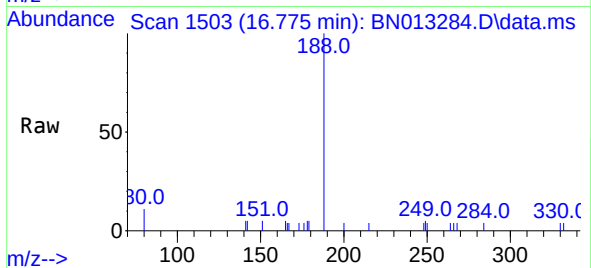




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

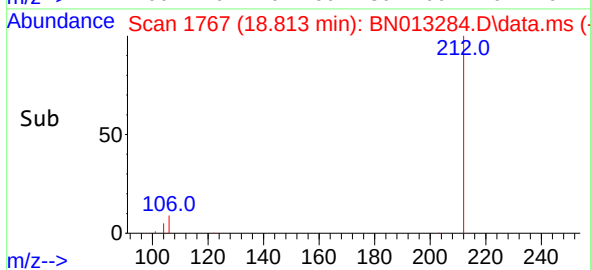
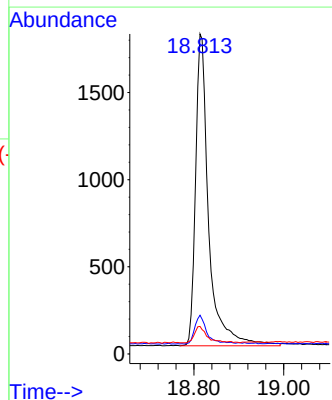
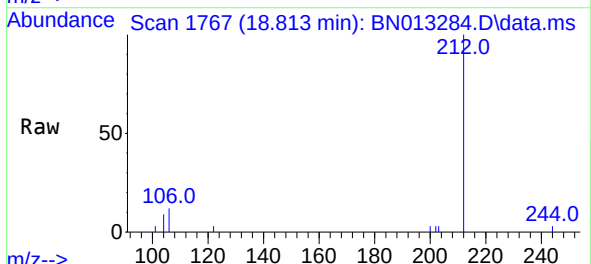
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RE109D3-20201211

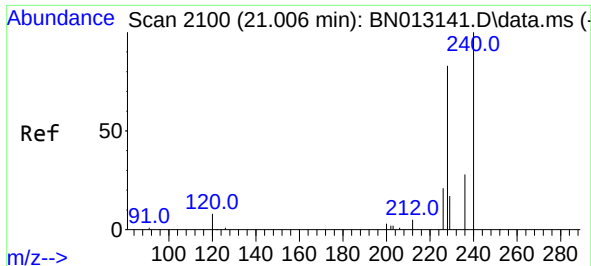
Tgt Ion:188	Resp:	3065
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	11.3	5.0



#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.003 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:212	Resp:	3637
Ion Ratio	Lower	Upper
212	100	
106	8.6	6.8
104	4.9	4.1

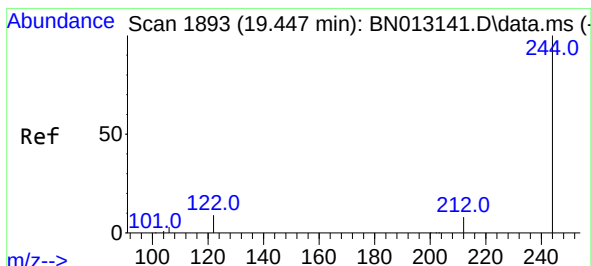
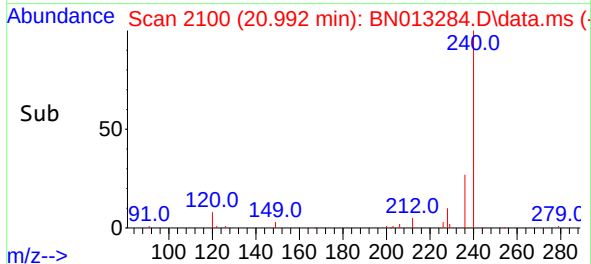
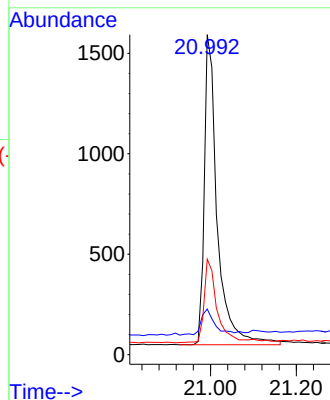
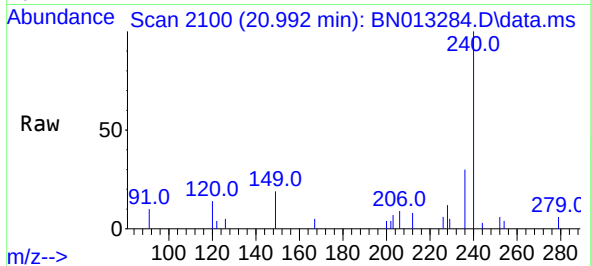




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.003 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

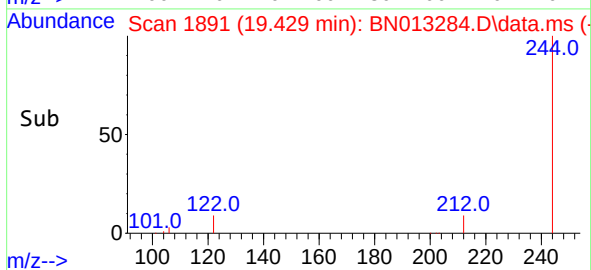
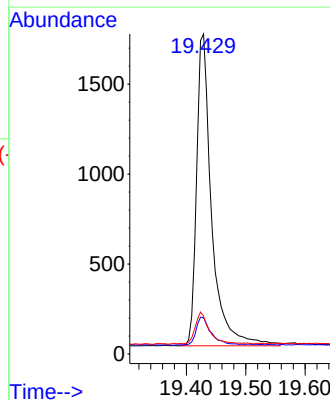
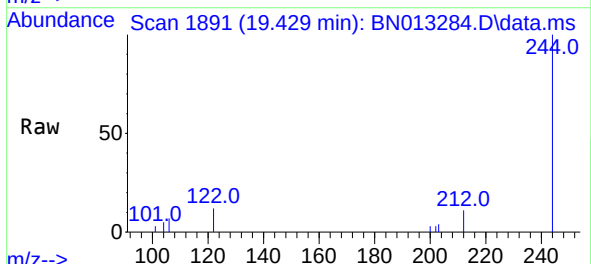
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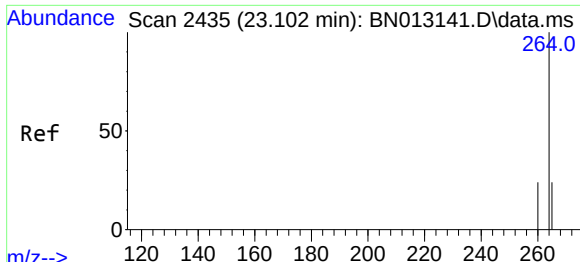
Tgt Ion:240 Resp: 3242
Ion Ratio Lower Upper
240 100
120 14.2 5.3 7.9#
236 29.8 21.8 32.8



#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:244 Resp: 3052
Ion Ratio Lower Upper
244 100
212 11.3 7.3 10.9#
122 11.8 7.3 10.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.083 min Scan# 2431
 Delta R.T. -0.003 min
 Lab File: BN013284.D
 Acq: 22 Dec 2020 23:01

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20201211

Tgt Ion:	264	Resp:	3565
Ion	Ratio	Lower	Upper
264	100		
260	27.1	19.8	29.6
265	82.4	51.4	77.0#

