

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
 Data File : BN013065.D
 Acq On : 11 Dec 2020 12:57
 Operator : CG/JU
 Sample : SP5381
 Misc : 8270 SIM SURROGATE
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5381

Quant Time: Dec 11 15:06:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 01:53:51 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.378	152	629	0.40	ng	0.00
7) Naphthalene-d8	10.163	136	1990	0.40	ng	# 0.03
13) Acenaphthene-d10	14.042	164	1222	0.40	ng	0.01
19) Phenanthrene-d10	16.811	188	2459	0.40	ng	# 0.01
29) Chrysene-d12	21.024	240	2317	0.40	ng	# 0.01
36) Perylene-d12	23.127	264	2408	0.40	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.994	112	769	0.34	ng	0.00
5) Phenol-d6	6.589	99	636	0.25	ng	0.02
8) Nitrobenzene-d5	8.578	82	597	0.28	ng	0.05
11) 2-Methylnaphthalene-d10	11.773	152	1139	0.32	ng	0.03
14) 2,4,6-Tribromophenol	15.564	330	187	0.23	ng	0.01
15) 2-Fluorobiphenyl	12.671	172	1630	0.30	ng	0.03
27) Fluoranthene-d10	18.853	212	2739	0.33	ng	0.00
31) Terphenyl-d14	19.464	244	2287	0.40	ng	0.00

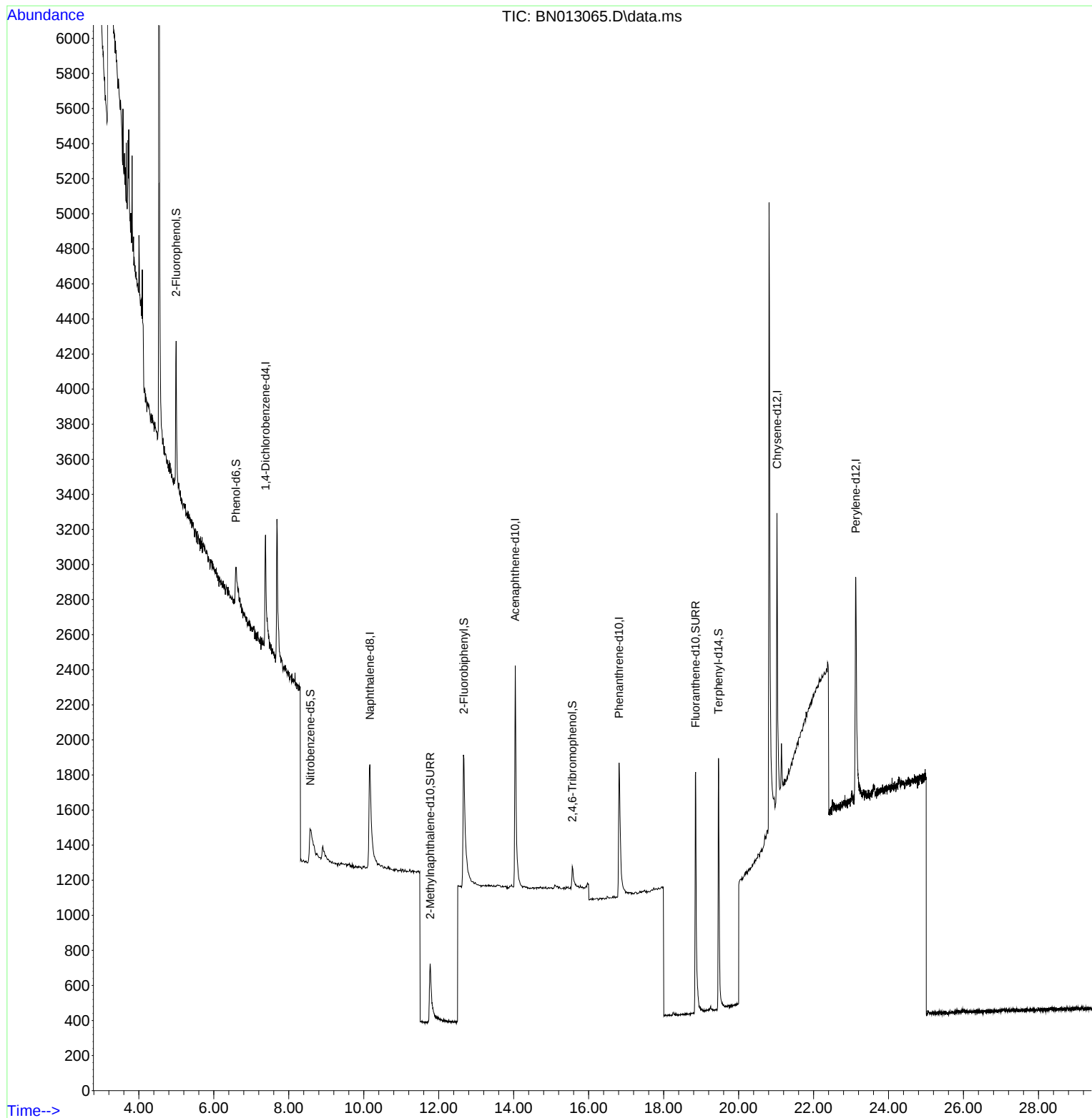
Target Compounds Qvalue

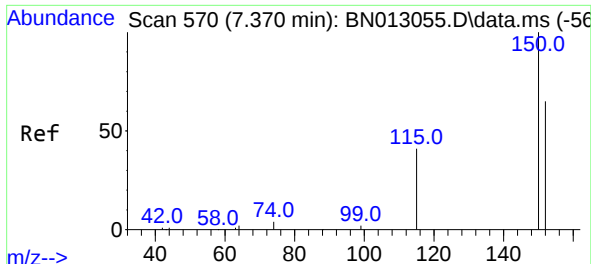
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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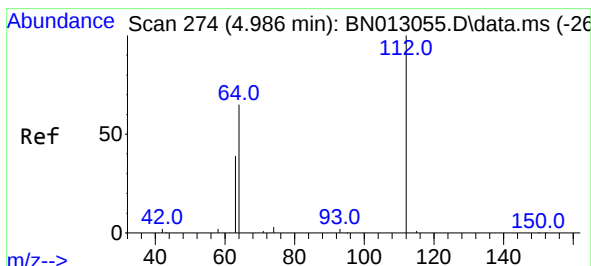
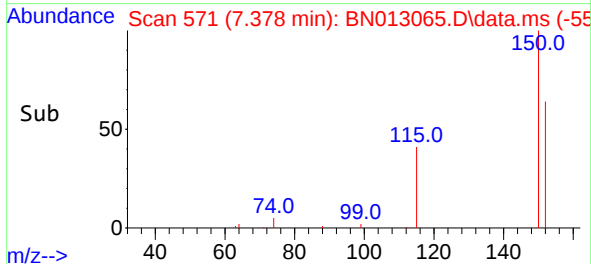
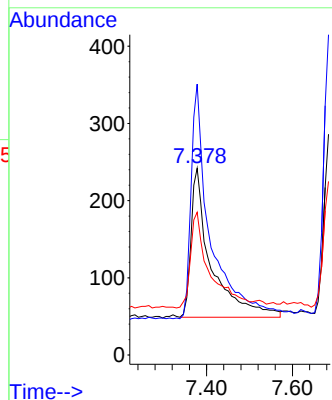
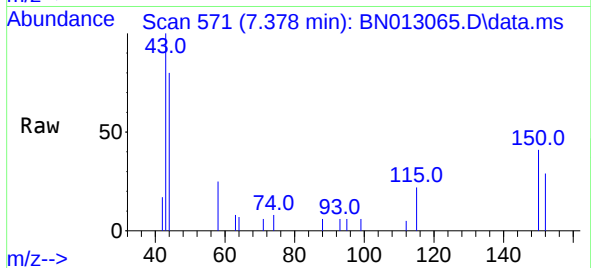




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.378 min Scan# 571
Delta R.T. 0.008 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

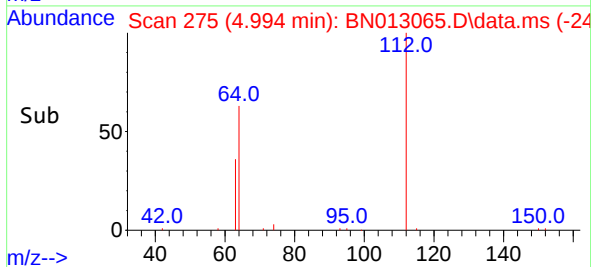
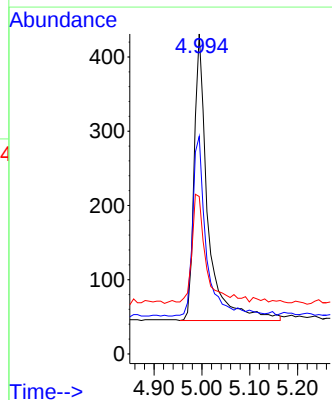
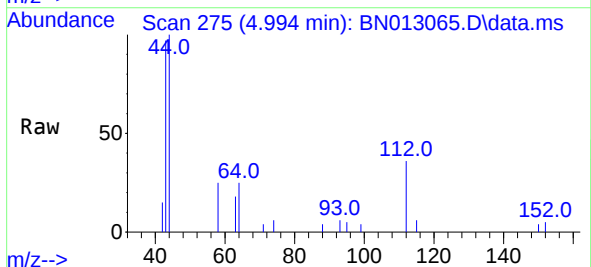
Instrument :
BNA_N
ClientSampleId :
SP5381

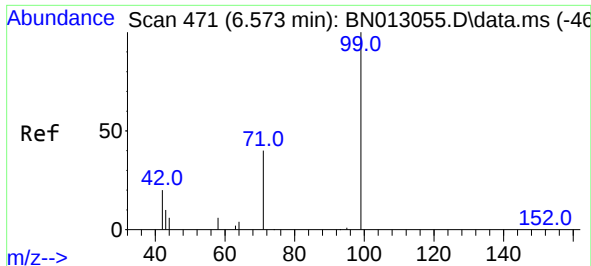
Tgt Ion:152 Resp: 629
Ion Ratio Lower Upper
152 100
150 145.0 116.6 174.8
115 76.4 52.9 79.3



#4
2-Fluorophenol
Concen: 0.34 ng
RT: 4.994 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:112 Resp: 769
Ion Ratio Lower Upper
112 100
64 62.7 49.5 74.3
63 40.3 32.0 48.0



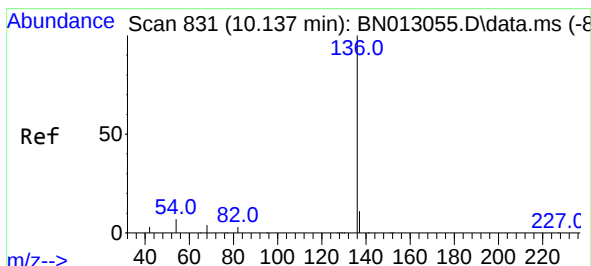
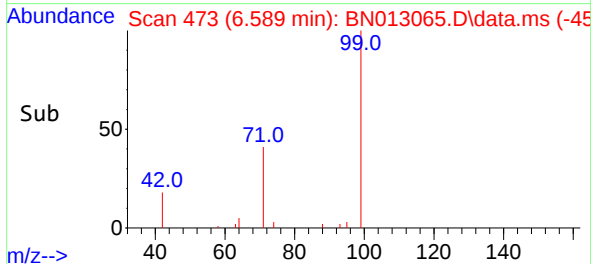
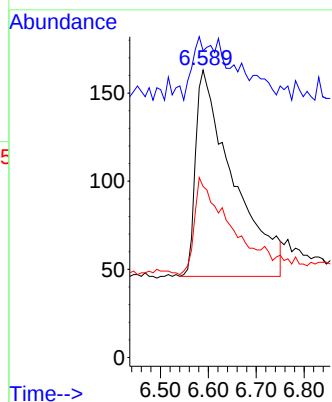
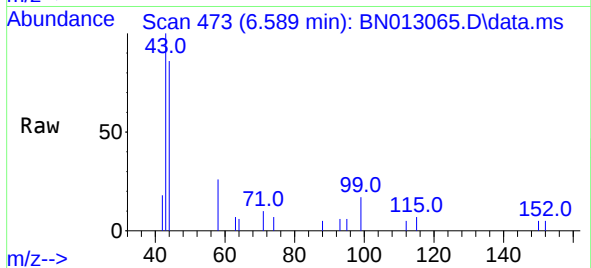


#5
Phenol-d6
Concen: 0.25 ng
RT: 6.589 min Scan# 473
Delta R.T. 0.016 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Instrument :
BNA_N
ClientSampleId :
SP5381

Tgt Ion: 99 Resp: 636

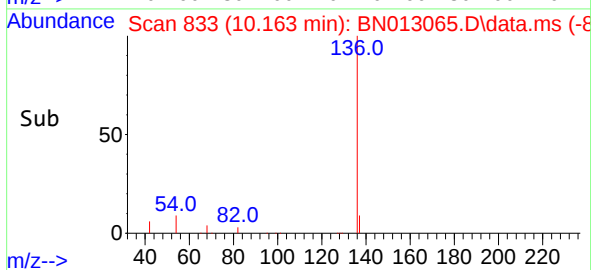
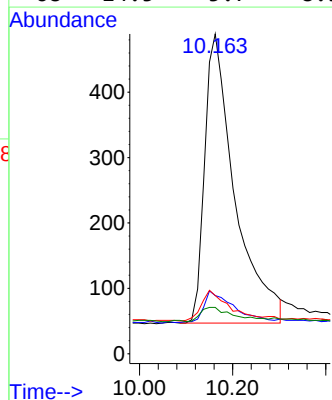
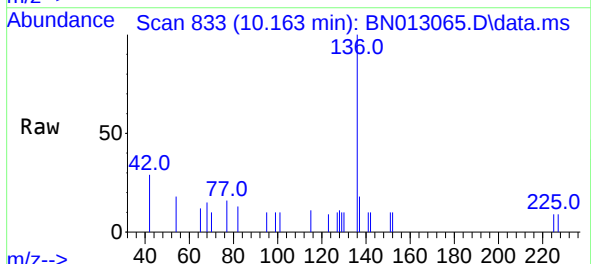
Ion	Ratio	Lower	Upper
99	100		
42	11.5	22.4	33.6#
71	42.0	37.8	56.6

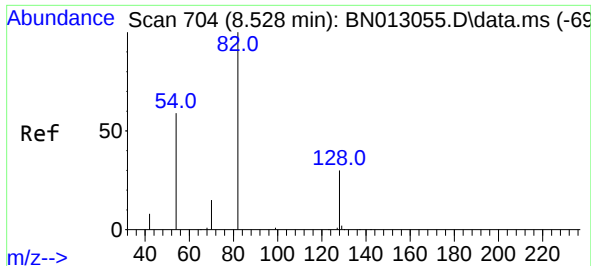


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.163 min Scan# 833
Delta R.T. 0.025 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion: 136 Resp: 1990

Ion	Ratio	Lower	Upper
136	100		
137	18.2	10.6	15.8#
54	18.2	8.6	12.8#
68	14.5	5.7	8.5#

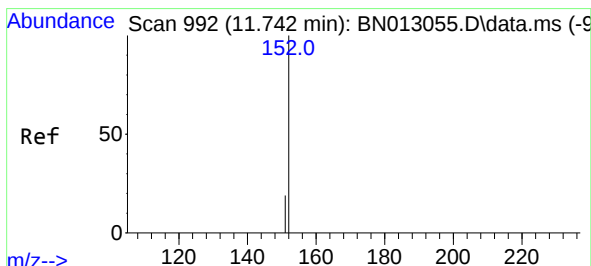
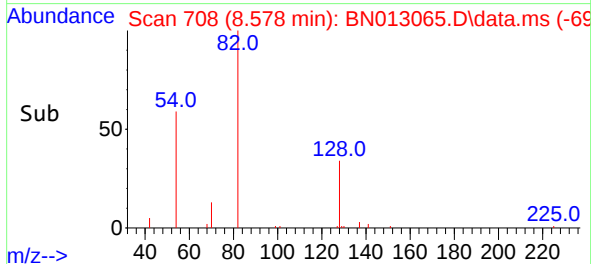
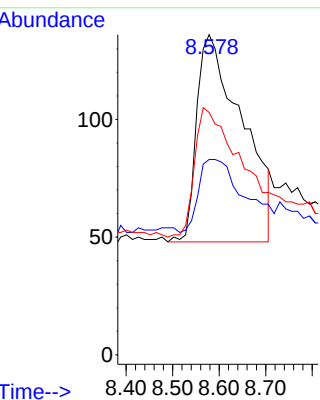
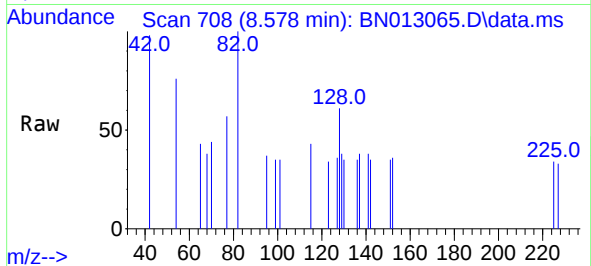




#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.578 min Scan# 708
Delta R.T. 0.050 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

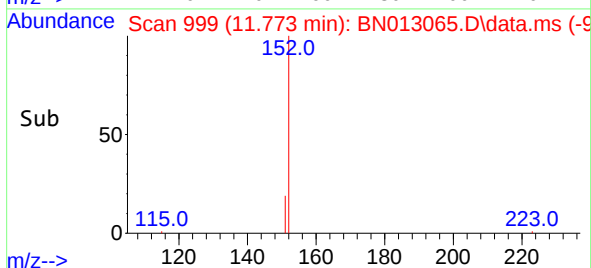
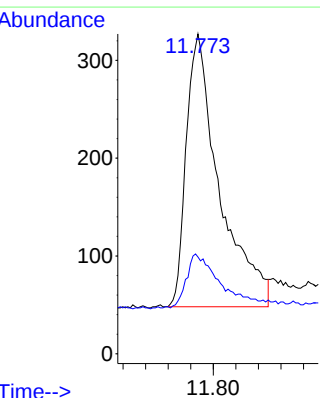
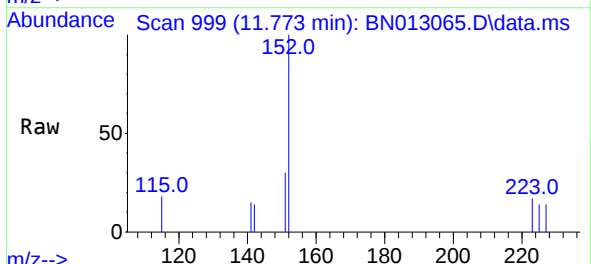
Instrument :
BNA_N
ClientSampleId :
SP5381

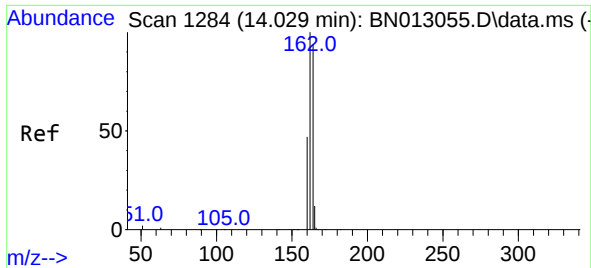
Tgt Ion:	82	Resp:	597
Ion	Ratio	Lower	Upper
82	100		
128	61.0	30.6	46.0#
54	75.7	48.3	72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 11.773 min Scan# 999
Delta R.T. 0.031 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:	152	Resp:	1139
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.7	25.1



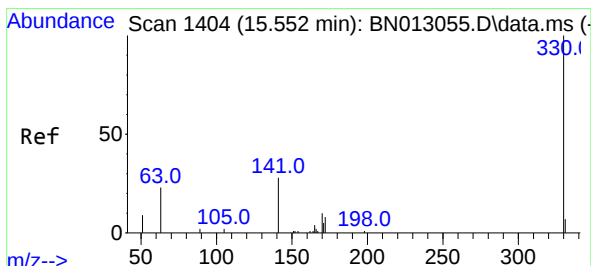
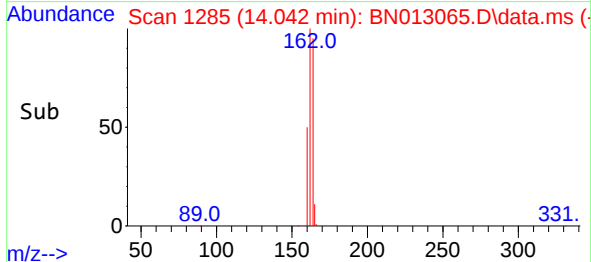
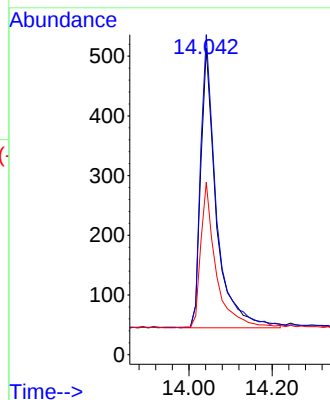
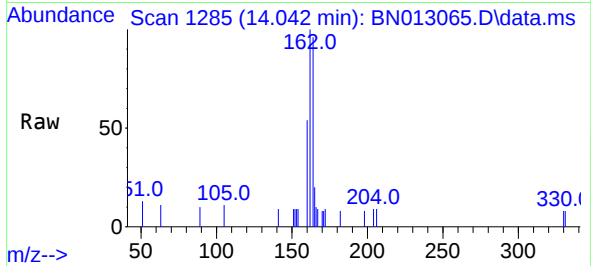


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.042 min Scan# 1285
Delta R.T. 0.013 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Instrument :
BNA_N
ClientSampleId :
SP5381

Tgt Ion:164 Resp: 1222

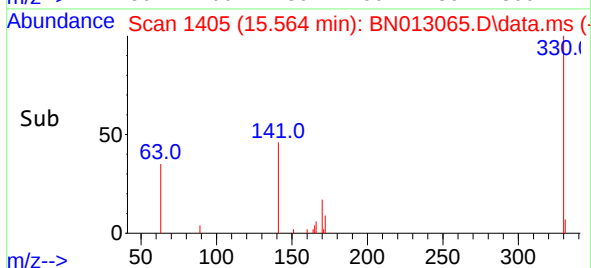
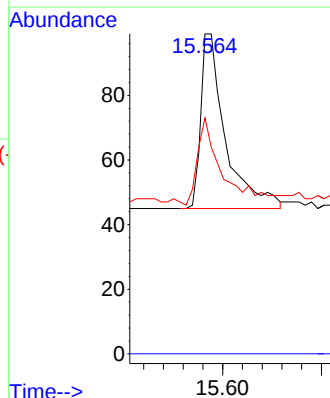
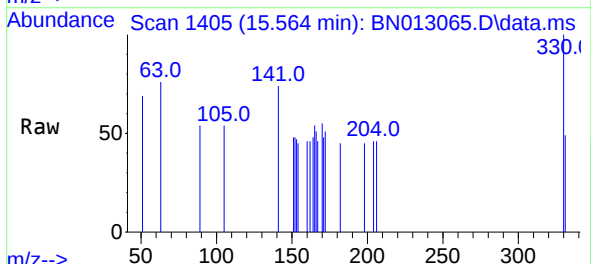
Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.6	120.8
160	56.3	39.5	59.3

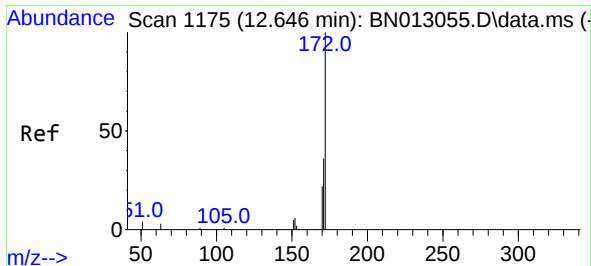


#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.564 min Scan# 1405
Delta R.T. 0.013 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:330 Resp: 187

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.8	34.4	51.6

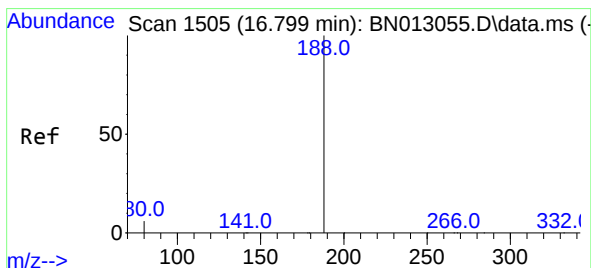
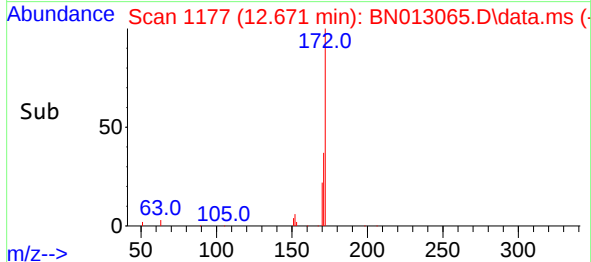
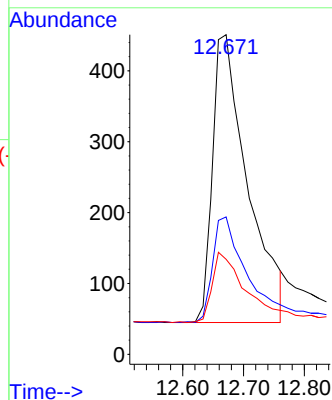
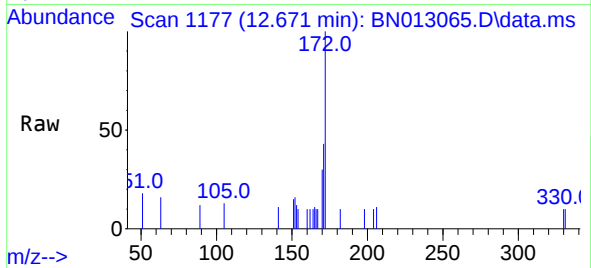




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.671 min Scan# 1177
Delta R.T. 0.025 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

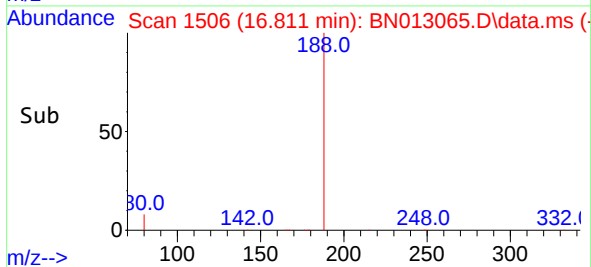
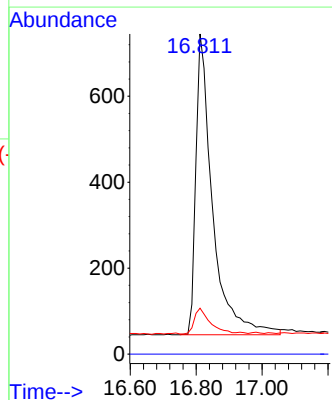
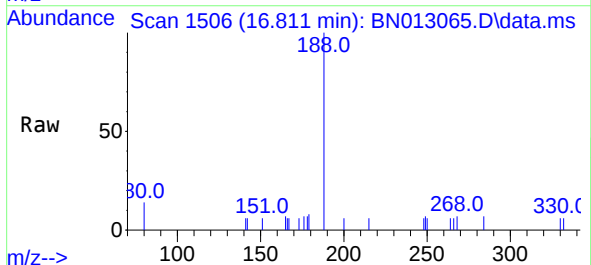
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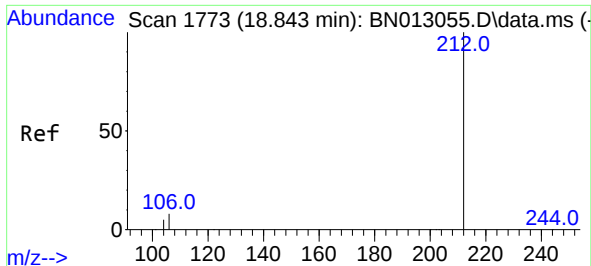
Tgt Ion:	172	Resp:	1630
Ion	Ratio	Lower	Upper
172	100		
171	43.0	28.2	42.4#
170	29.7	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.811 min Scan# 1506
Delta R.T. 0.012 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

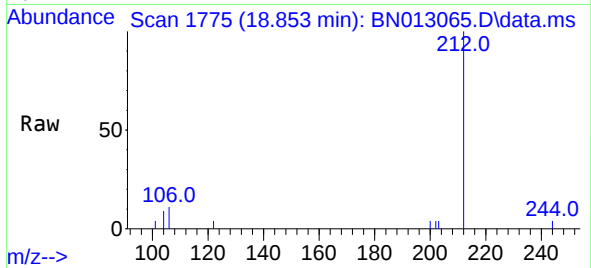
Tgt Ion:	188	Resp:	2459
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	5.0	7.4#



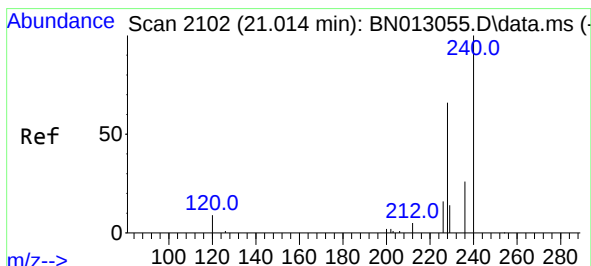
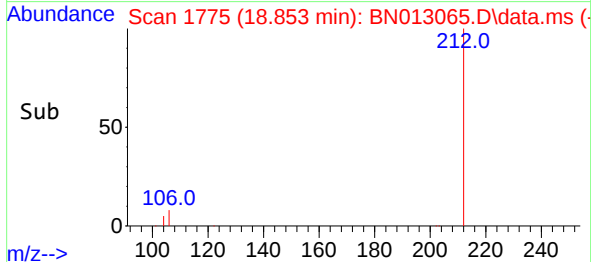
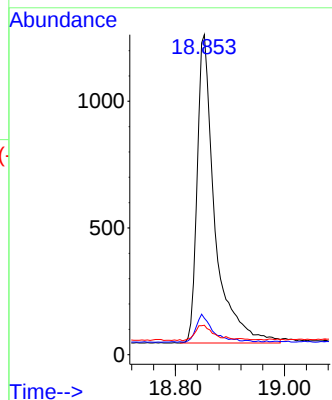


#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.853 min Scan# 1775
Delta R.T. 0.010 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Instrument :
BNA_N
ClientSampleId :
SP5381

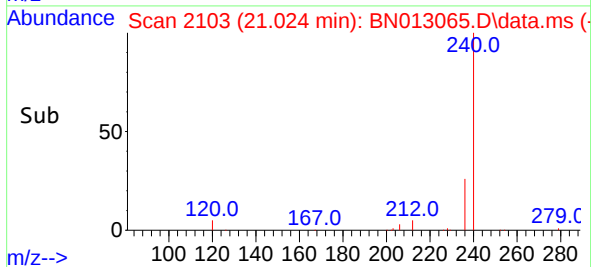
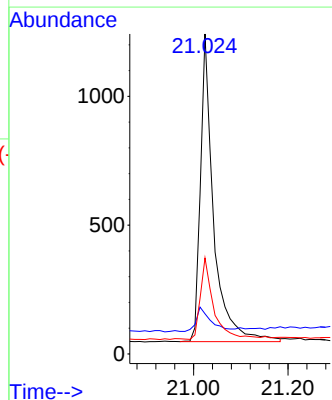
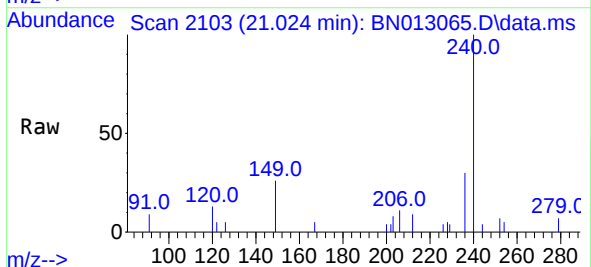


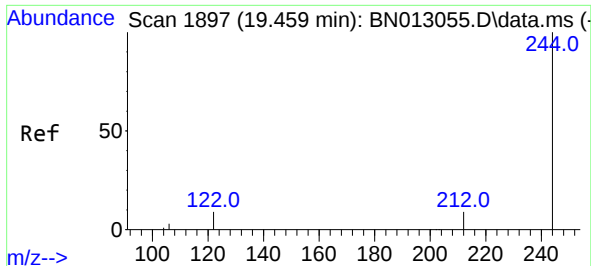
Tgt Ion:212 Resp: 2739
Ion Ratio Lower Upper
212 100
106 8.5 6.8 10.2
104 4.9 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.024 min Scan# 2103
Delta R.T. 0.010 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:240 Resp: 2317
Ion Ratio Lower Upper
240 100
120 12.6 5.3 7.9#
236 30.0 21.8 32.8

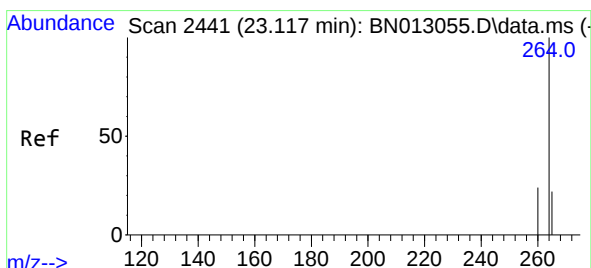
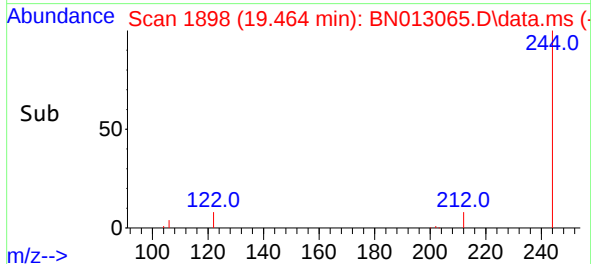
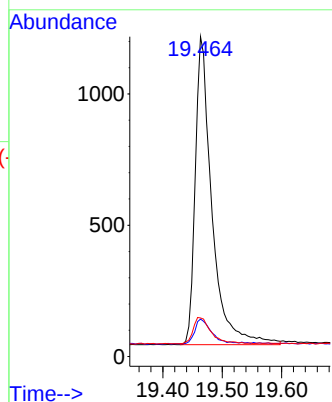
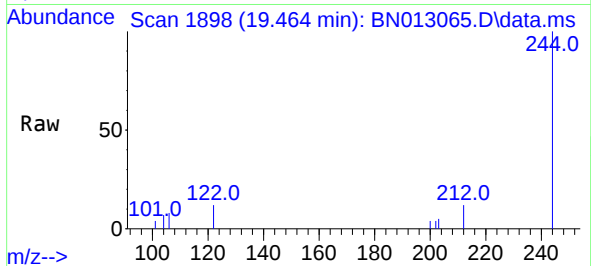




#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.464 min Scan# 1898
Delta R.T. 0.005 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Instrument :
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Tgt Ion:244 Resp: 2287
Ion Ratio Lower Upper
244 100
212 11.7 7.3 10.9#
122 12.1 7.3 10.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.127 min Scan# 2444
Delta R.T. 0.010 min
Lab File: BN013065.D
Acq: 11 Dec 2020 12:57

Tgt Ion:264 Resp: 2408
Ion Ratio Lower Upper
264 100
260 27.7 19.8 29.6
265 118.4 51.4 77.0#

