

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021921\
 Data File : BN013677.D
 Acq On : 19 Feb 2021 10:42
 Operator : CG/JU
 Sample : PB134719BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 19 11:24:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 18 10:50:10 2021
 Response via : Initial Calibration

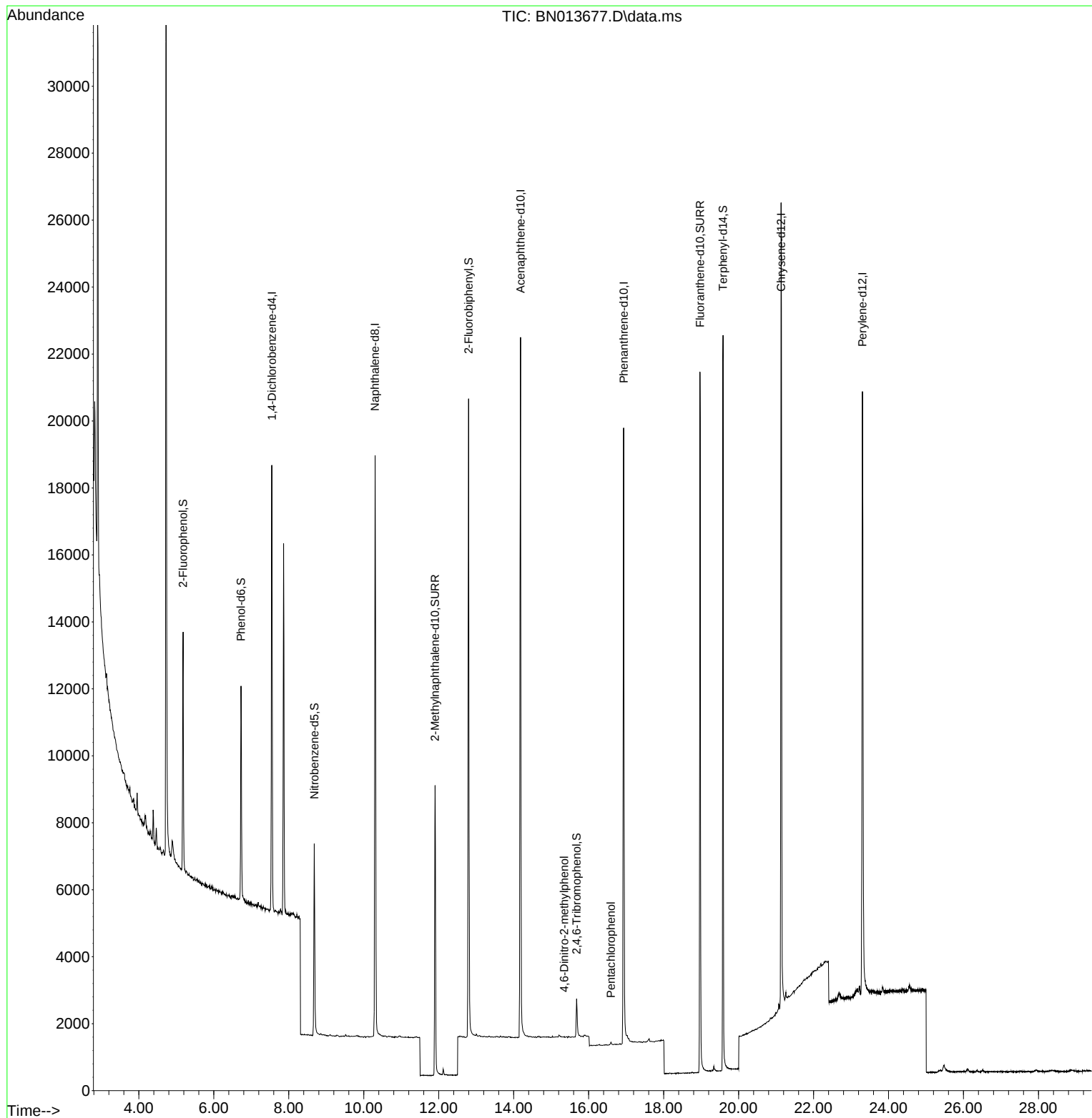
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	6318	0.40	ng	0.00
7) Naphthalene-d8	10.302	136	24112	0.40	ng	0.00
13) Acenaphthene-d10	14.181	164	12862	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	27683	0.40	ng	# 0.00
29) Chrysene-d12	21.133	240	26634	0.40	ng	0.00
36) Perylene-d12	23.304	264	25707	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.180	112	5631	0.41	ng	0.00
5) Phenol-d6	6.726	99	6264	0.37	ng	0.00
8) Nitrobenzene-d5	8.680	82	4764	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.902	152	12345	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1093	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	17568	0.36	ng	0.00
27) Fluoranthene-d10	18.970	212	25194	0.34	ng	0.00
31) Terphenyl-d14	19.585	244	23229	0.39	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.348	198	2	0.15	ng	# 1
24) Pentachlorophenol	16.593	266	69	0.21	ng	# 84

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

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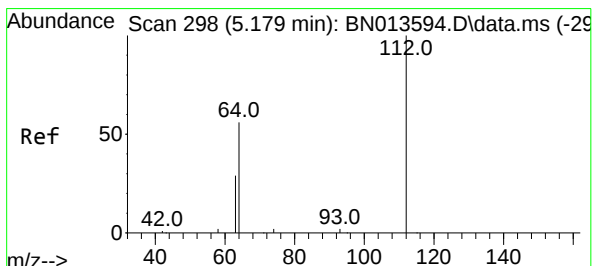
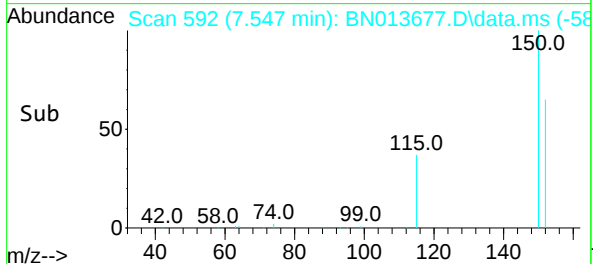
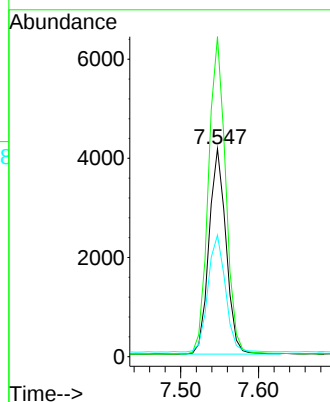
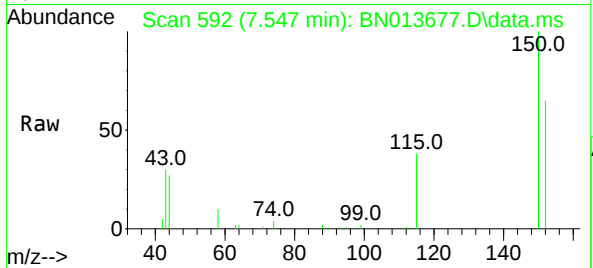




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.547 min Scan# 592
Delta R.T. 0.000 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

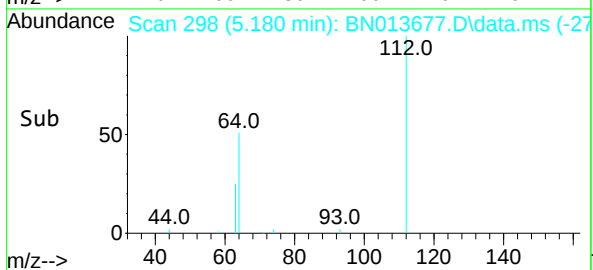
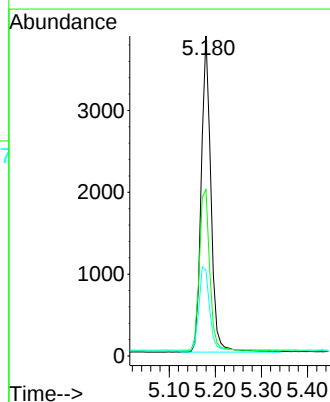
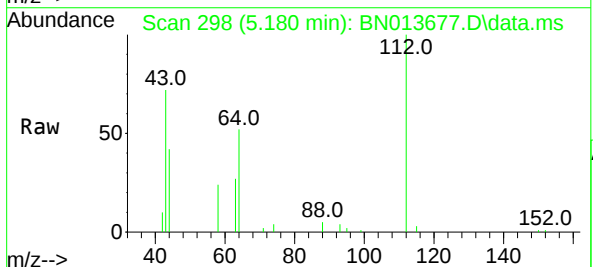
Instrument :
BNA_N
ClientSampleId :

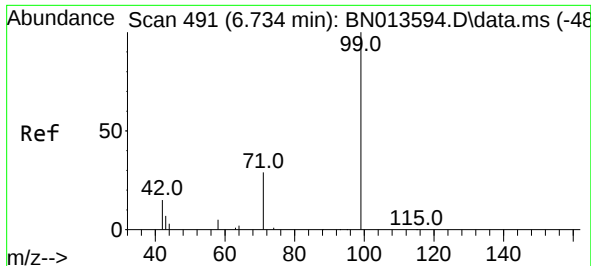
Tgt Ion:152 Resp: 6318
Ion Ratio Lower Upper
152 100
150 153.8 121.8 182.8
115 58.4 46.6 69.8



#4
2-Fluorophenol
Concen: 0.41 ng
RT: 5.180 min Scan# 298
Delta R.T. -0.000 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

Tgt Ion:112 Resp: 5631
Ion Ratio Lower Upper
112 100
64 55.6 44.3 66.5
63 28.5 23.0 34.6

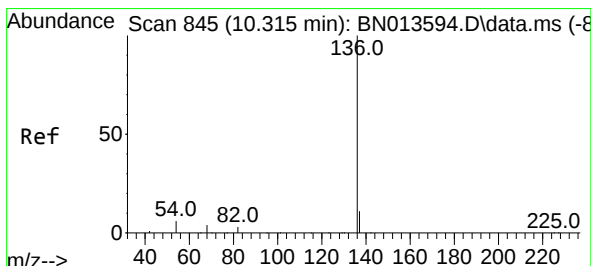
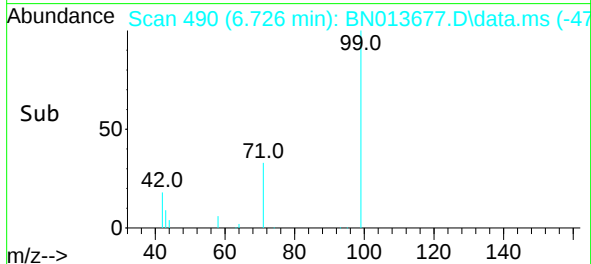
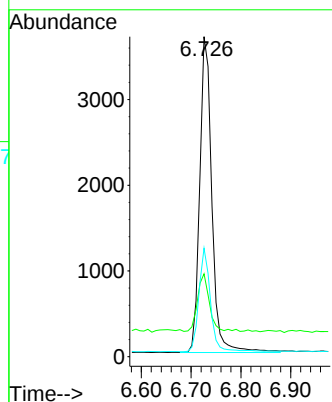
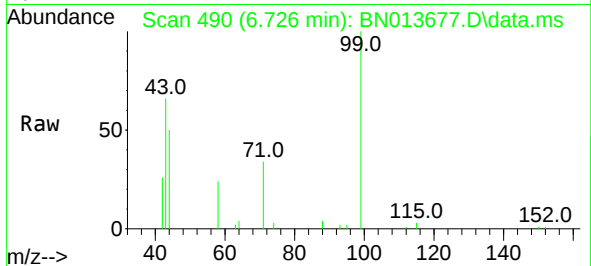




#5
Phenol-d6
Concen: 0.37 ng
RT: 6.726 min Scan# 490
Delta R.T. -0.000 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

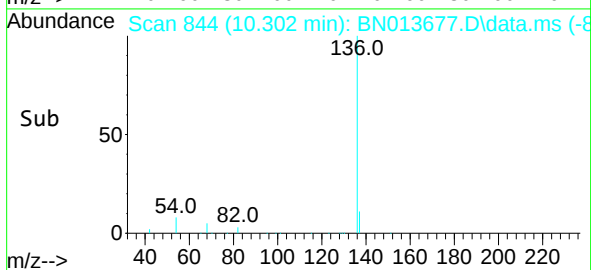
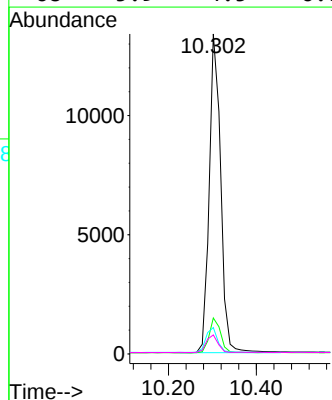
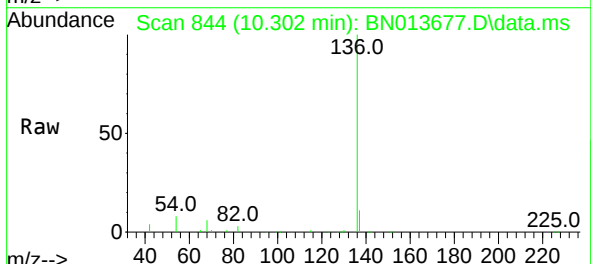
Instrument :
BNA_N
ClientSampleId :

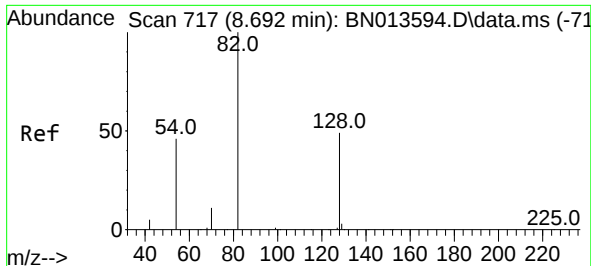
Tgt Ion: 99 Resp: 6264
Ion Ratio Lower Upper
99 100
42 17.3 15.2 22.8
71 31.2 26.1 39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

Tgt Ion: 136 Resp: 24112
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 8.3 6.4 9.6
68 5.9 4.5 6.7

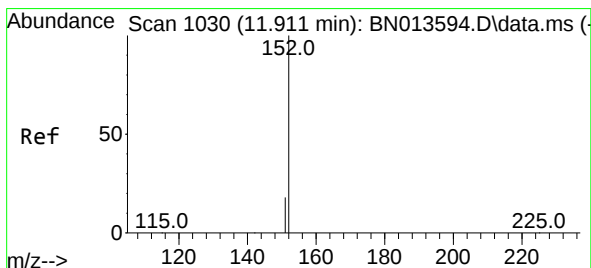
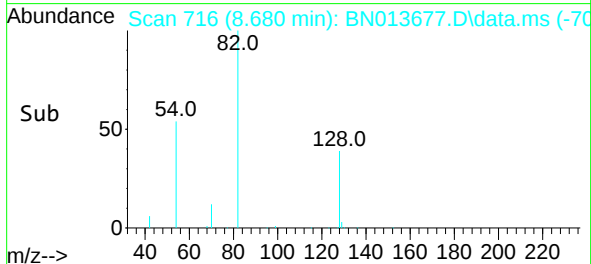
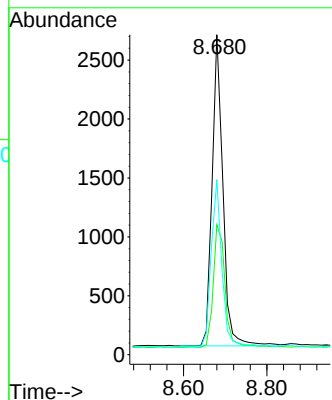
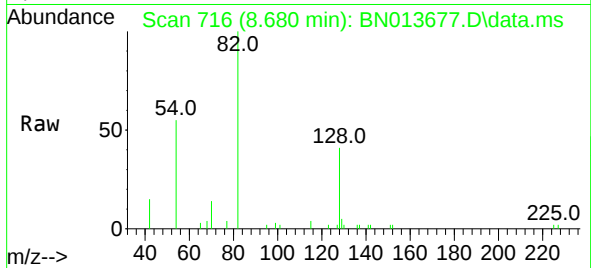




#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

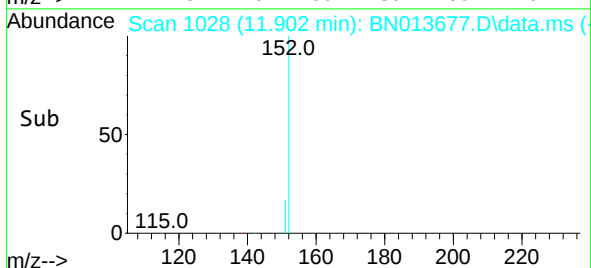
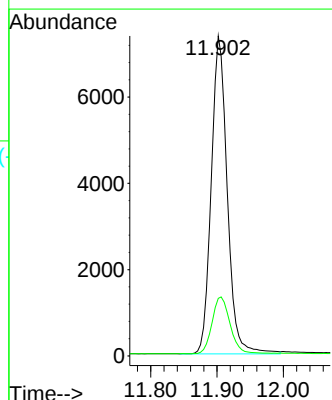
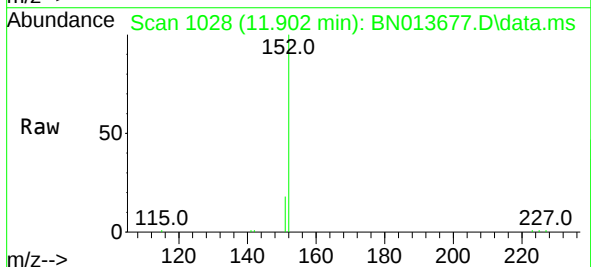
Instrument :
BNA_N
ClientSampleId :

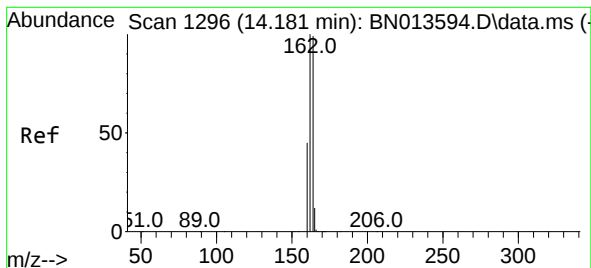
Tgt Ion: 82 Resp: 4764
Ion Ratio Lower Upper
82 100
128 40.6 39.2 58.8
54 54.7 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

Tgt Ion: 152 Resp: 12345
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

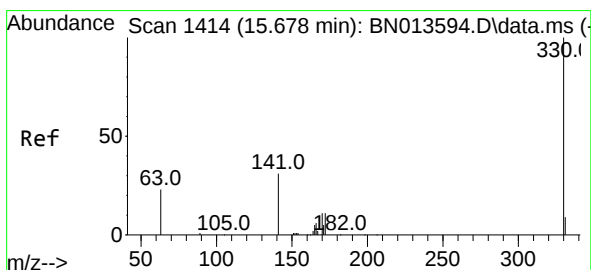
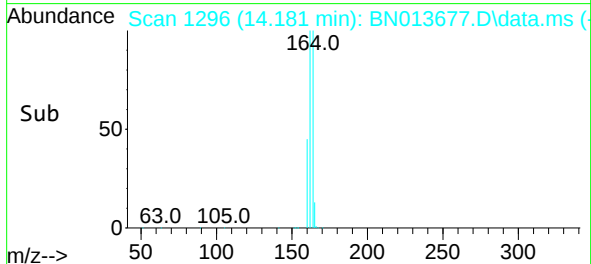
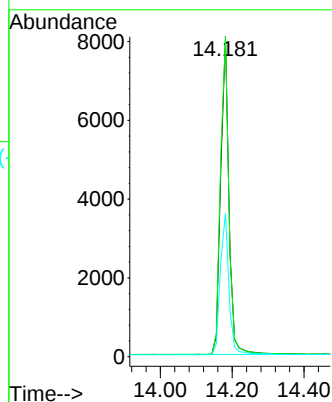
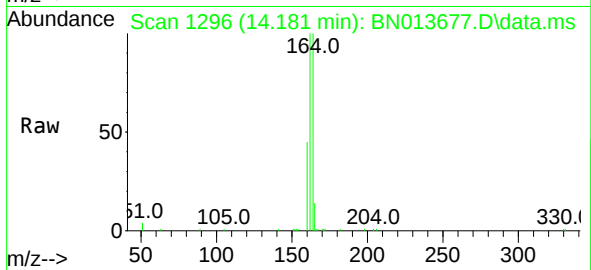




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

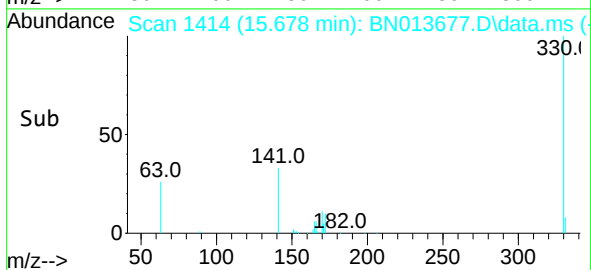
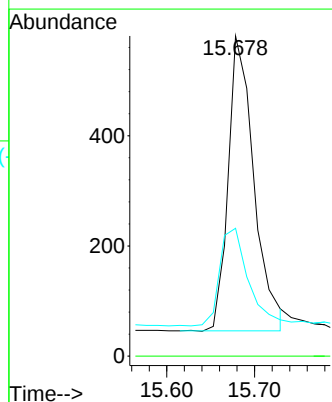
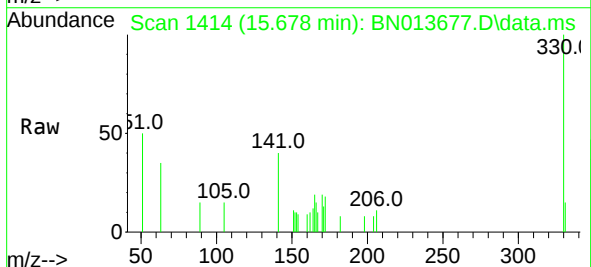
Instrument :
BNA_N
ClientSampleId :

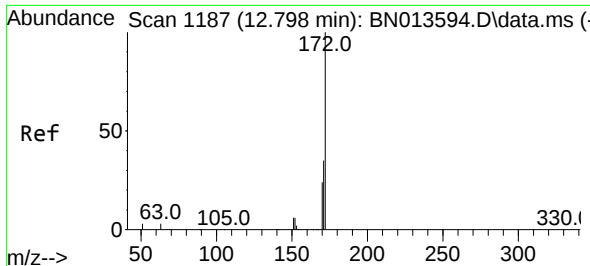
Tgt Ion:164 Resp: 12862
Ion Ratio Lower Upper
164 100
162 99.9 79.6 119.4
160 44.8 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

Tgt Ion:330 Resp: 1093
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.8 26.8 40.2

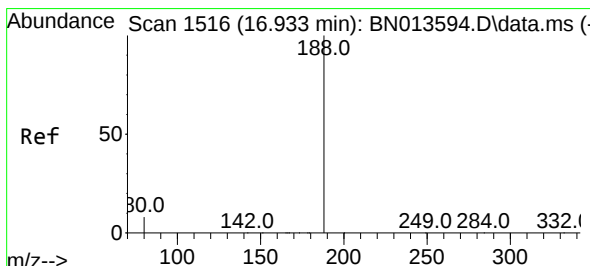
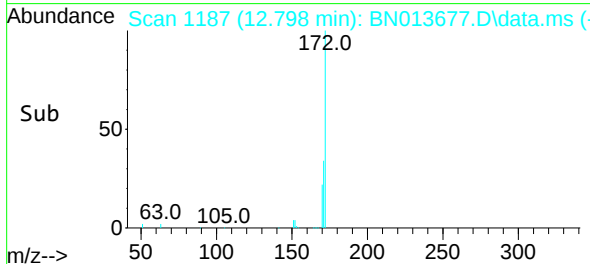
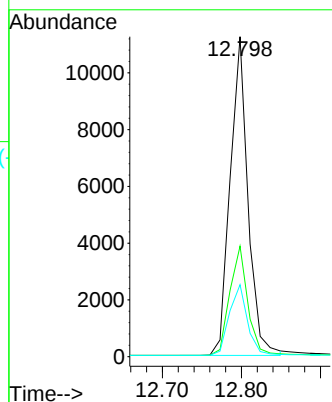
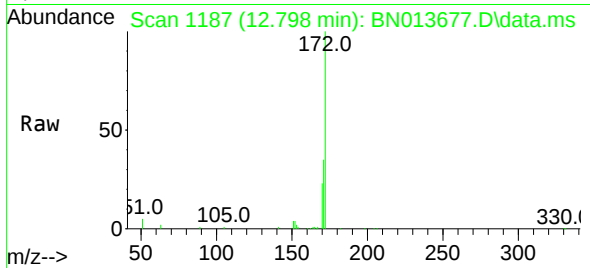




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

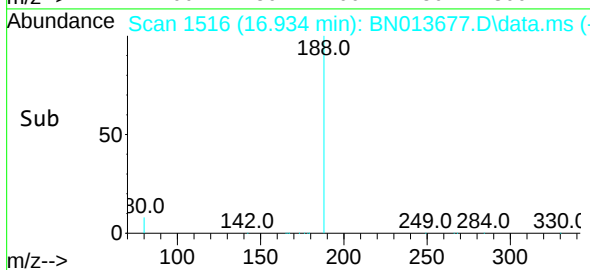
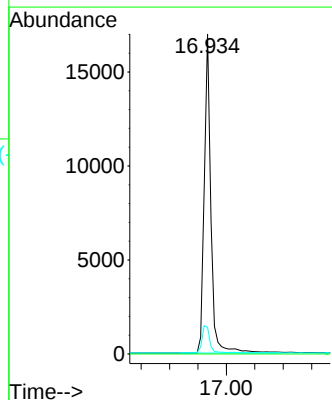
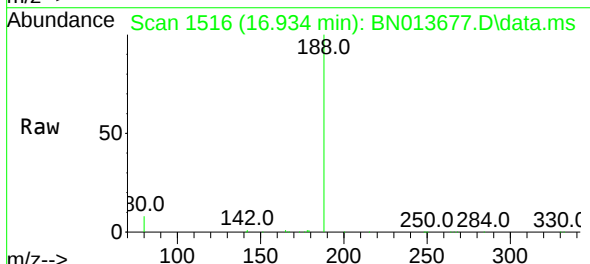
Instrument :
BNA_N
ClientSampleId :

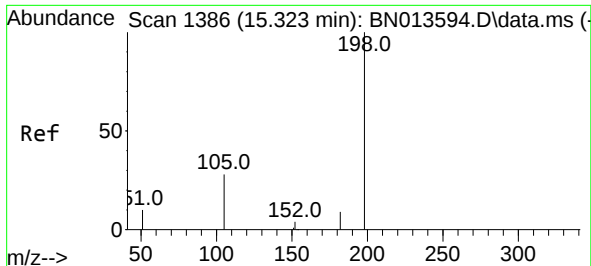
Tgt Ion:	172	Resp:	17568
Ion Ratio	Lower	Upper	
172	100		
171	34.6	28.6	42.8
170	22.5	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

Tgt Ion:	188	Resp:	27683
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.3	9.0	13.6

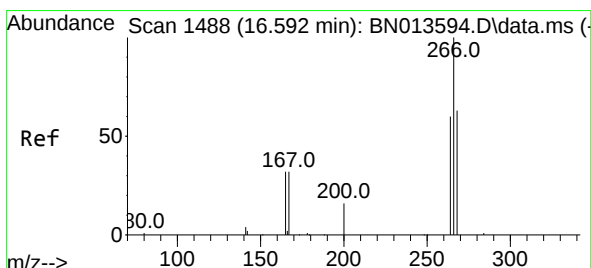
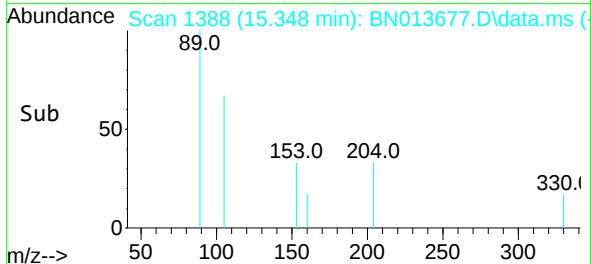
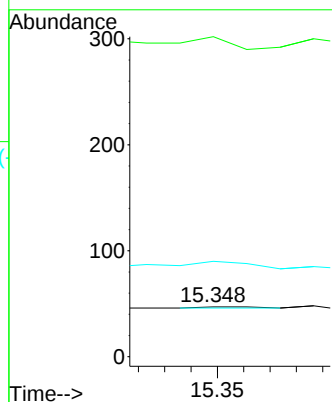
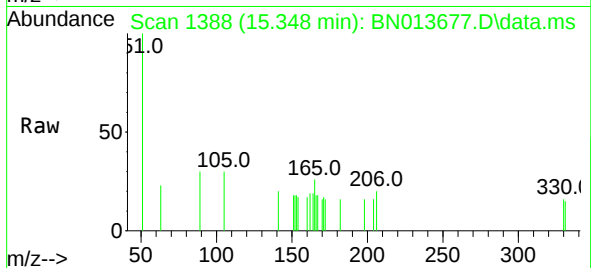




#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.348 min Scan# 1388
Delta R.T. 0.025 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

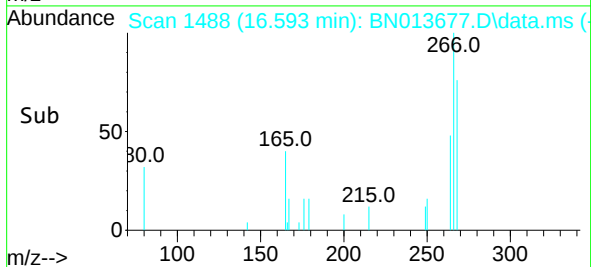
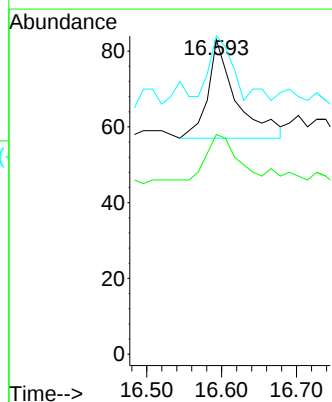
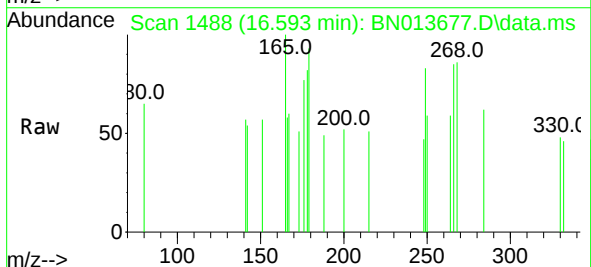
Instrument :
BNA_N
ClientSampleId :

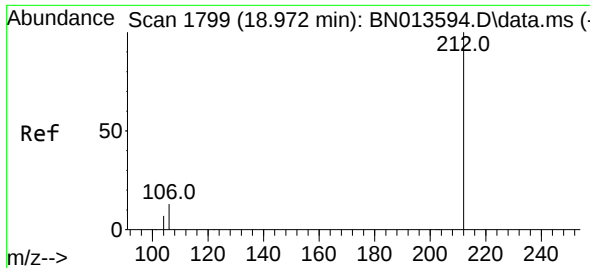
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 642.6 61.7 92.5#
105 191.5 33.0 49.6#



#24
Pentachlorophenol
Concen: 0.21 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.013 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

Tgt Ion:266 Resp: 69
Ion Ratio Lower Upper
266 100
264 47.8 51.6 77.4#
268 59.4 54.6 82.0

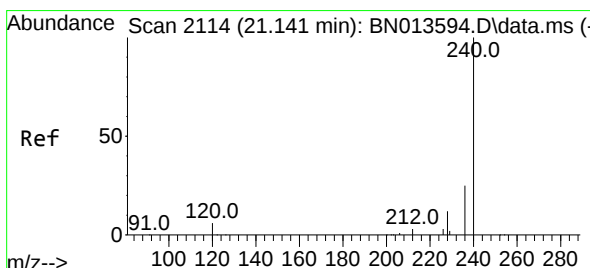
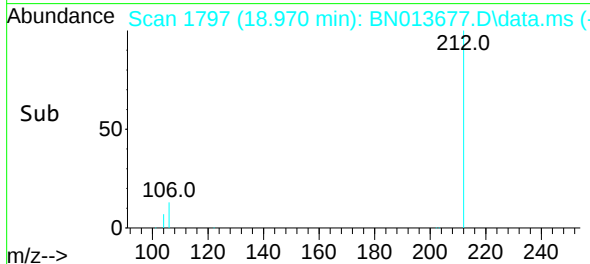
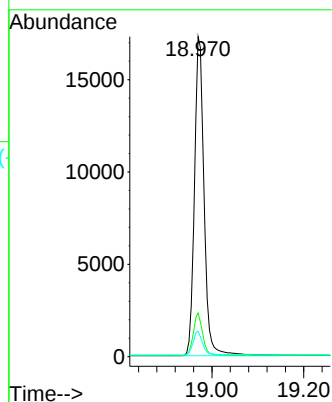
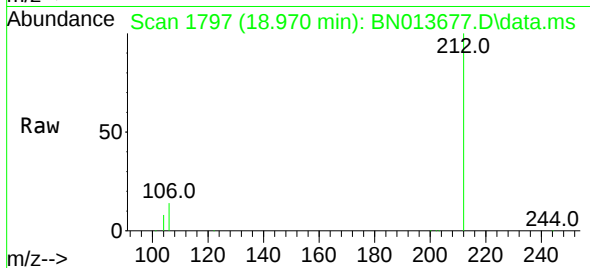




#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 18.970 min Scan# 1797
Delta R.T. -0.002 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

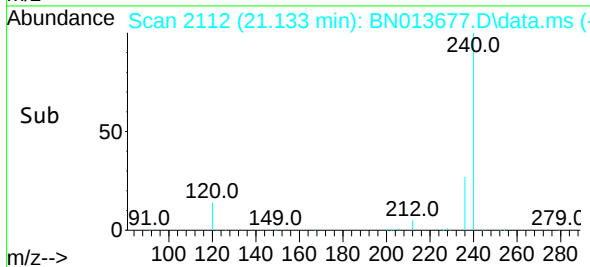
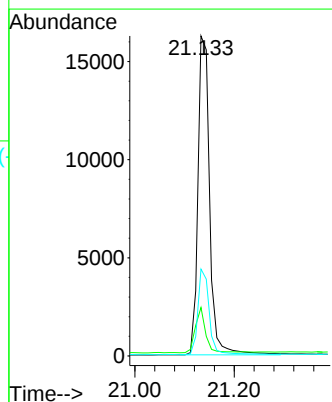
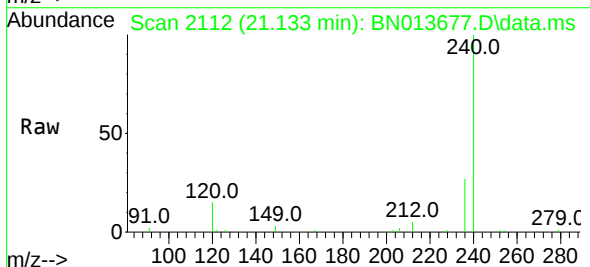
Instrument :
BNA_N
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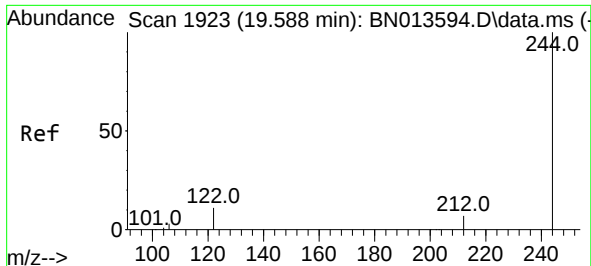
Tgt Ion:212 Resp: 25194
Ion Ratio Lower Upper
212 100
106 12.9 9.7 14.5
104 7.3 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BN013677.D
Acq: 19 Feb 2021 10:42

Tgt Ion:240 Resp: 26634
Ion Ratio Lower Upper
240 100
120 15.1 10.2 15.4
236 27.1 21.3 31.9

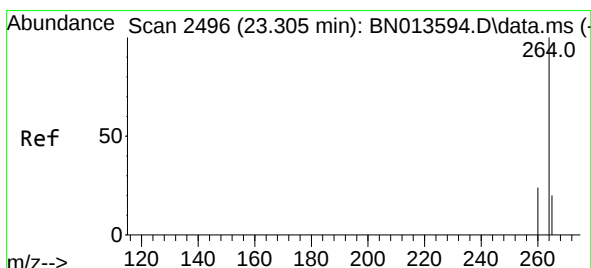
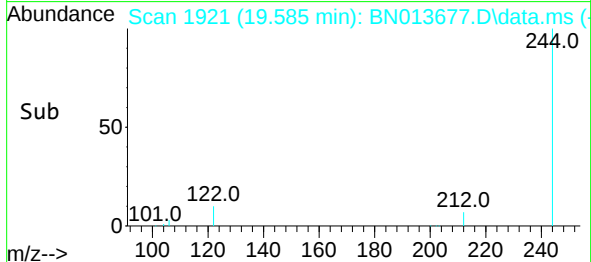
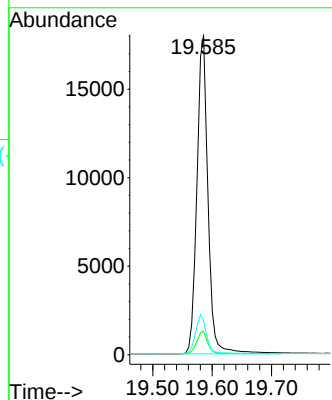
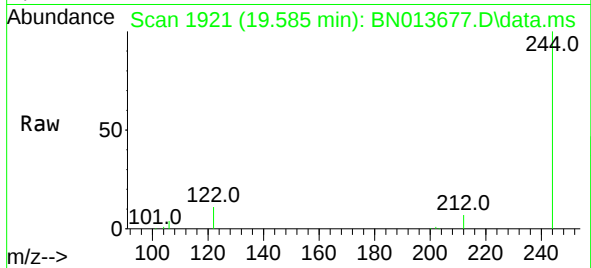




#31
 Terphenyl-d14
 Concen: 0.39 ng
 RT: 19.585 min Scan# 1921
 Delta R.T. 0.003 min
 Lab File: BN013677.D
 Acq: 19 Feb 2021 10:42

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:244 Resp: 23229
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.6 9.8 14.8



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.304 min Scan# 2494
 Delta R.T. 0.003 min
 Lab File: BN013677.D
 Acq: 19 Feb 2021 10:42

Tgt Ion:264 Resp: 25707
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 33.2 66.2 99.4#

