

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092420\
 Data File : BN011910.D
 Acq On : 24 Sep 2020 12:55
 Operator : CG/JU
 Sample : PB131797BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 24 13:35:00 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 23 18:41:41 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.683	152	3178	0.40	ng	0.00
7) Naphthalene-d8	10.465	136	11983	0.40	ng	# 0.00
13) Acenaphthene-d10	14.319	164	6588	0.40	ng	0.00
19) Phenanthrene-d10	17.065	188	13113	0.40	ng	0.00
29) Chrysene-d12	21.258	240	11817	0.40	ng	#-0.01
36) Perylene-d12	23.477	264	11803	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	2464	0.22	ng	0.00
5) Phenol-d6	6.861	99	2462	0.18	ng	0.00
8) Nitrobenzene-d5	8.831	82	2659	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.055	152	4300	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.816	330	608	0.19	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	5245	0.21	ng	0.00
27) Fluoranthene-d10	19.097	212	9671	0.25	ng	0.00
31) Terphenyl-d14	19.703	244	8025	0.30	ng	0.00

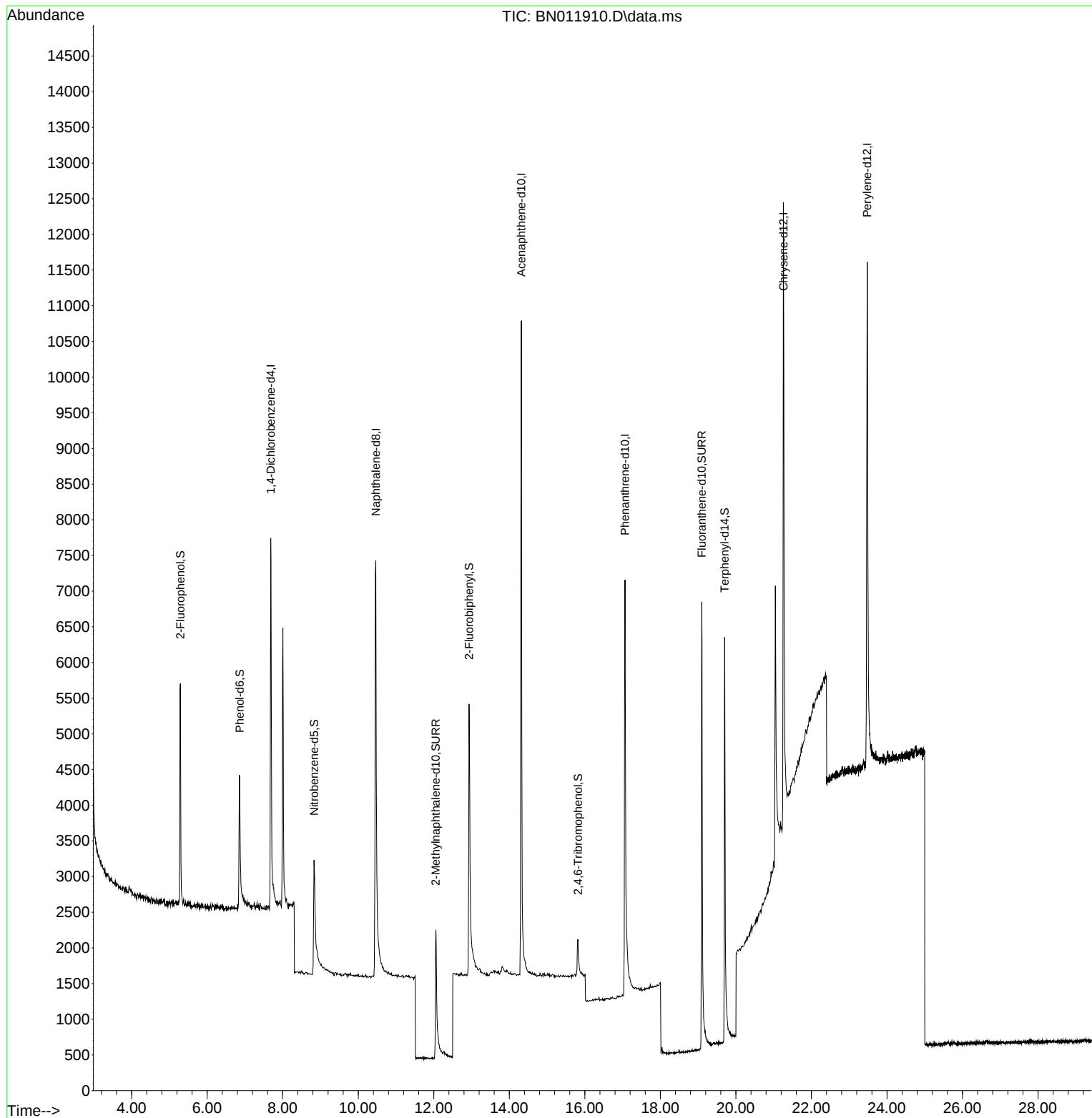
Target Compounds Qvalue

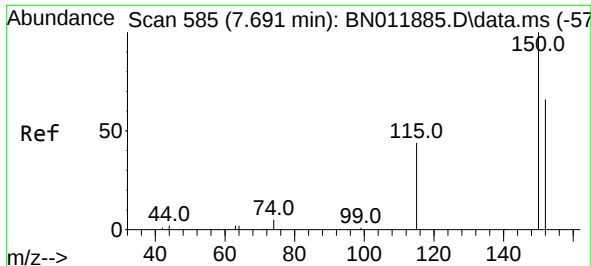
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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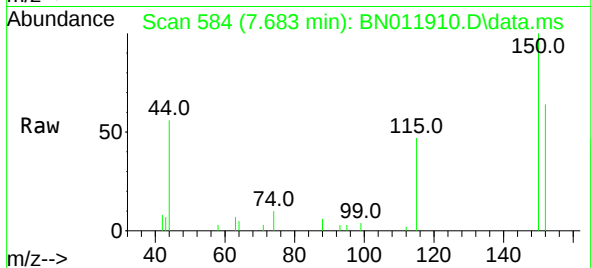
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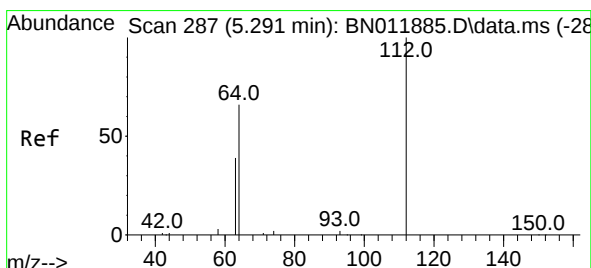
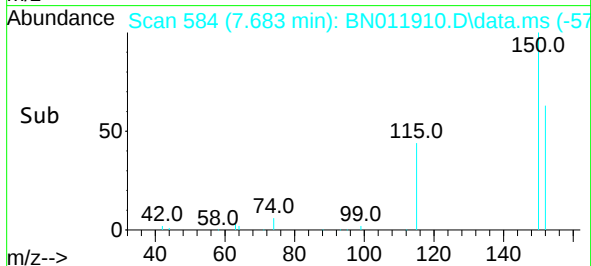
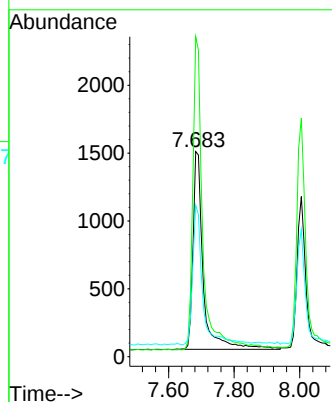
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.683 min Scan# 584
 Delta R.T. -0.008 min
 Lab File: BN011910.D
 Acq: 24 Sep 2020 12:55

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:152 Resp: 3178

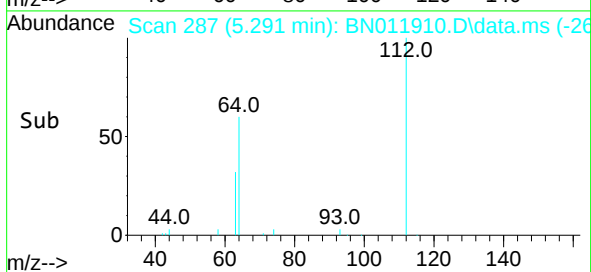
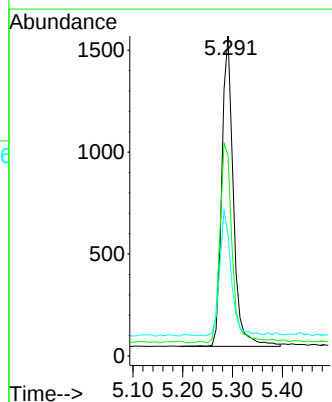
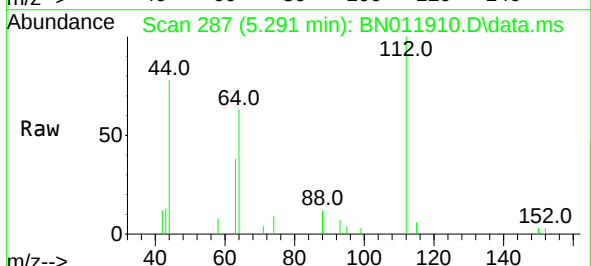
Ion	Ratio	Lower	Upper
152	100		
150	156.1	118.3	177.5
115	73.8	51.3	76.9

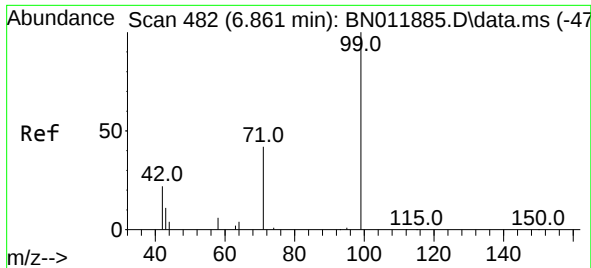


#4
 2-Fluorophenol
 Concen: 0.22 ng
 RT: 5.291 min Scan# 287
 Delta R.T. 0.000 min
 Lab File: BN011910.D
 Acq: 24 Sep 2020 12:55

Tgt Ion:112 Resp: 2464

Ion	Ratio	Lower	Upper
112	100		
64	70.2	49.0	73.6
63	40.5	31.8	47.6

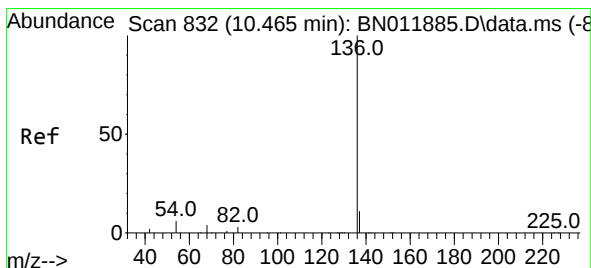
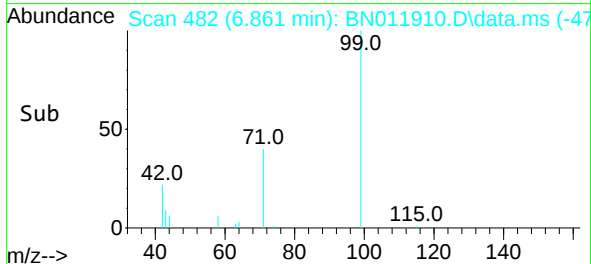
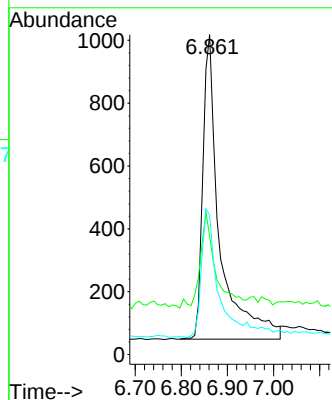
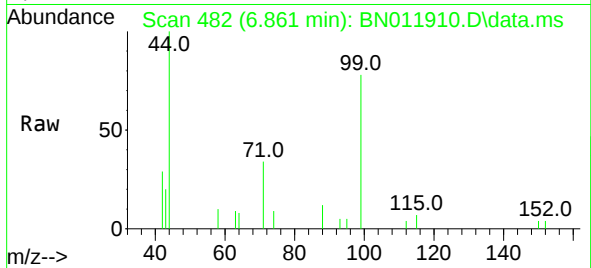




#5
Phenol-d6
Concen: 0.18 ng
RT: 6.861 min Scan# 482
Delta R.T. 0.000 min
Lab File: BN011910.D
Acq: 24 Sep 2020 12:55

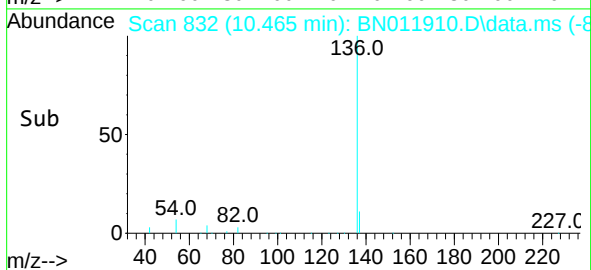
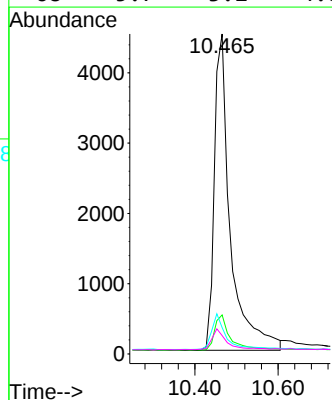
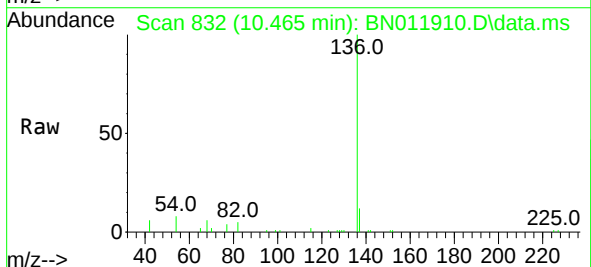
Instrument :
BNA_N
ClientSampleId :

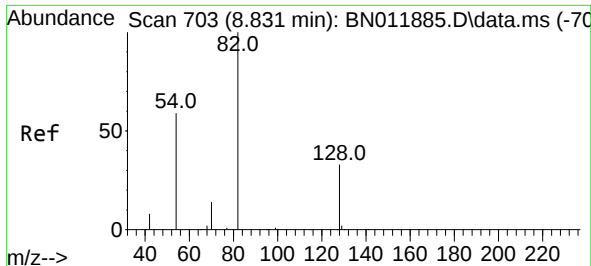
Tgt Ion:	99	Resp:	2462
Ion	Ratio	Lower	Upper
99	100		
42	26.4	23.4	35.0
71	46.1	38.1	57.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.465 min Scan# 832
Delta R.T. 0.000 min
Lab File: BN011910.D
Acq: 24 Sep 2020 12:55

Tgt Ion:	136	Resp:	11983
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	8.2	5.6	8.4
68	5.7	3.2	4.8

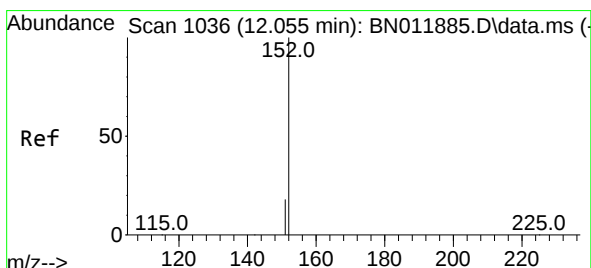
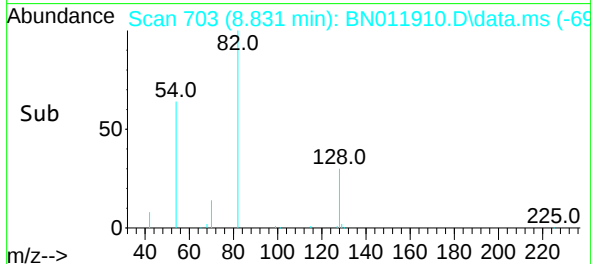
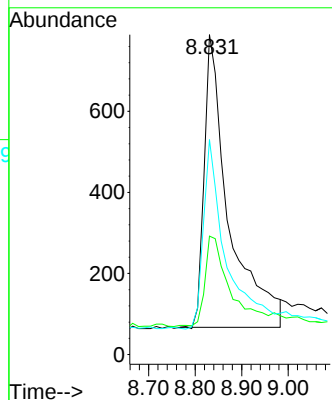
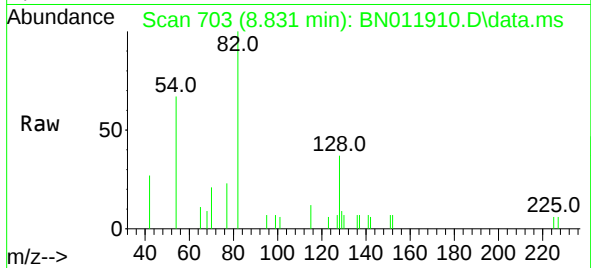




#8
 Nitrobenzene-d5
 Concen: 0.22 ng
 RT: 8.831 min Scan# 703
 Delta R.T. 0.000 min
 Lab File: BN011910.D
 Acq: 24 Sep 2020 12:55

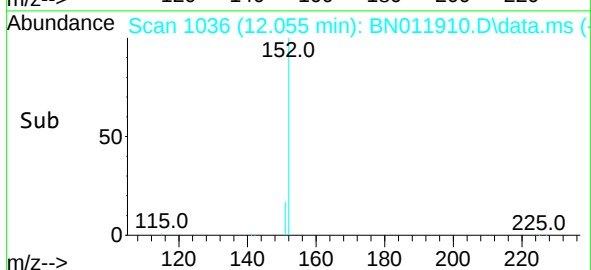
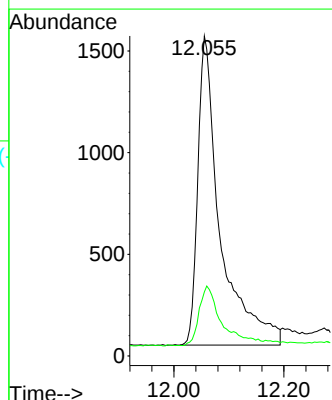
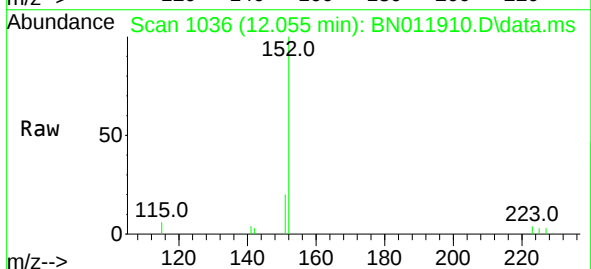
Instrument :
 BNA_N
 ClientSampleId :

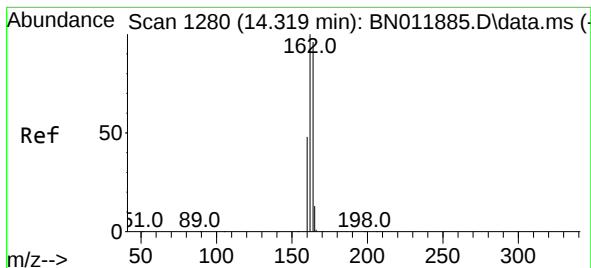
Tgt Ion: 82 Resp: 2659
 Ion Ratio Lower Upper
 82 100
 128 37.0 34.2 51.2
 54 67.2 43.1 64.7#



#11
 2-Methylnaphthalene-d10
 Concen: 0.23 ng
 RT: 12.055 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: BN011910.D
 Acq: 24 Sep 2020 12:55

Tgt Ion:152 Resp: 4300
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.7 25.1

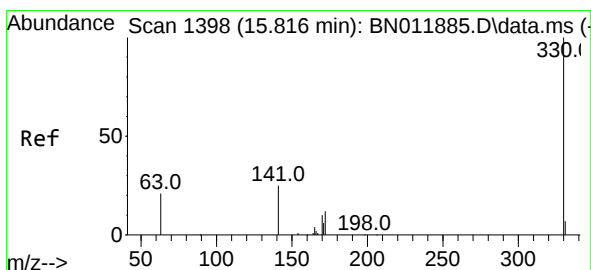
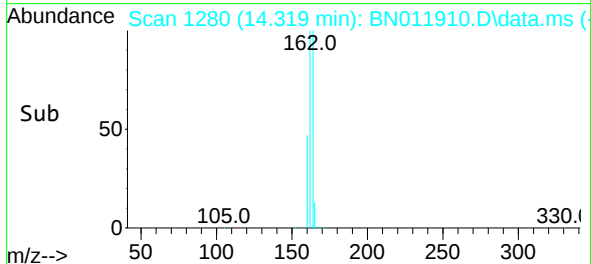
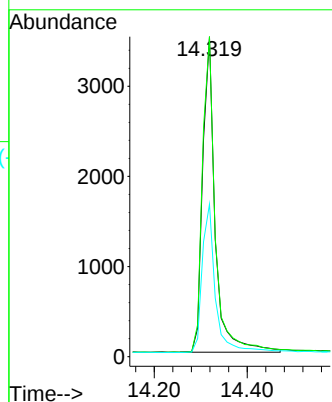
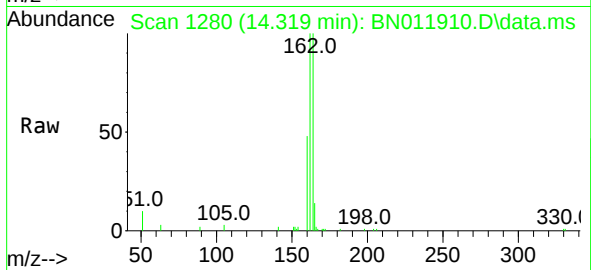




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.319 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BN011910.D
Acq: 24 Sep 2020 12:55

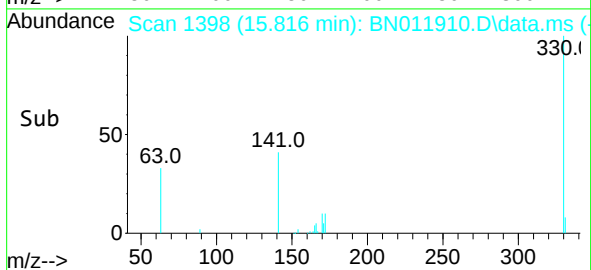
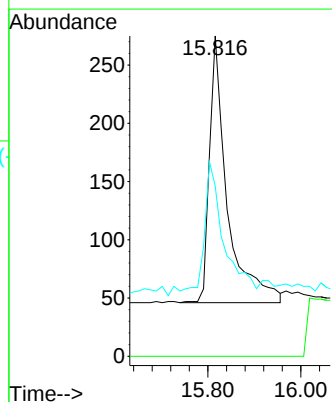
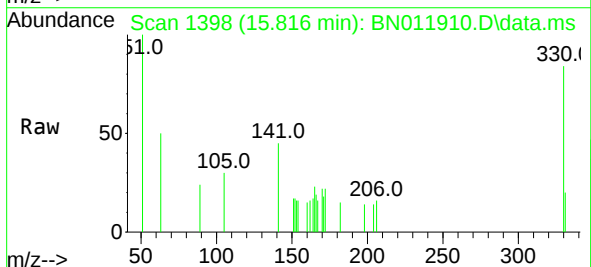
Instrument :
BNA_N
ClientSampleId :

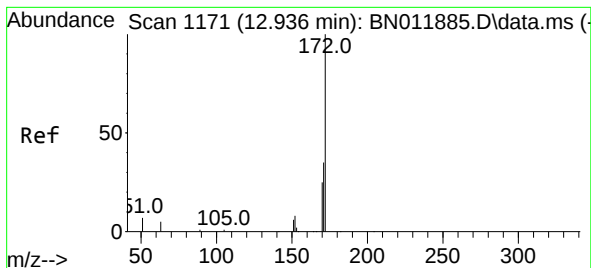
Tgt Ion:164 Resp: 6588
Ion Ratio Lower Upper
164 100
162 100.0 83.6 125.4
160 47.7 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.816 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BN011910.D
Acq: 24 Sep 2020 12:55

Tgt Ion:330 Resp: 608
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.9 33.7 50.5

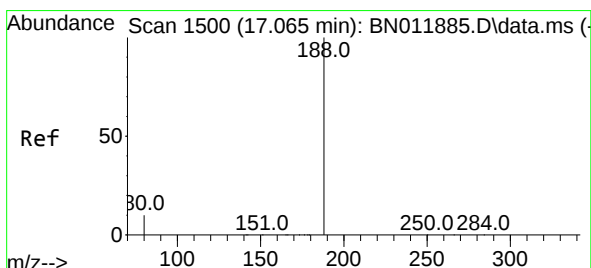
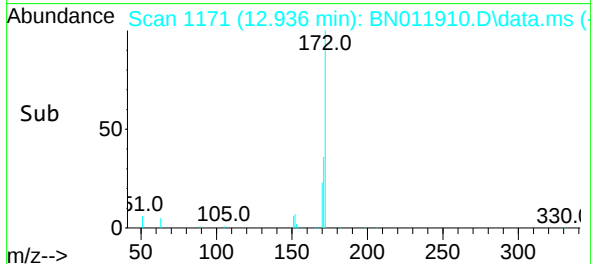
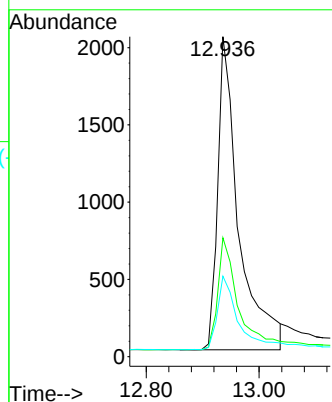
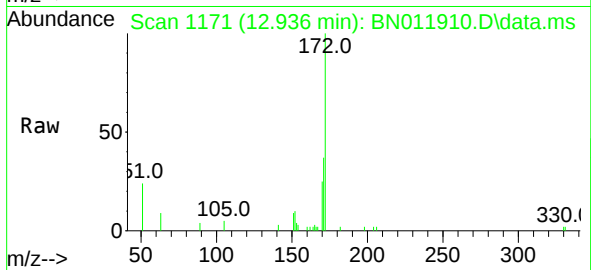




#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.936 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN011910.D
Acq: 24 Sep 2020 12:55

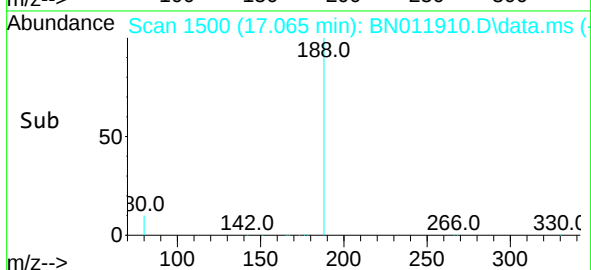
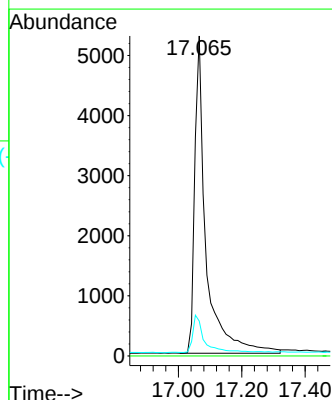
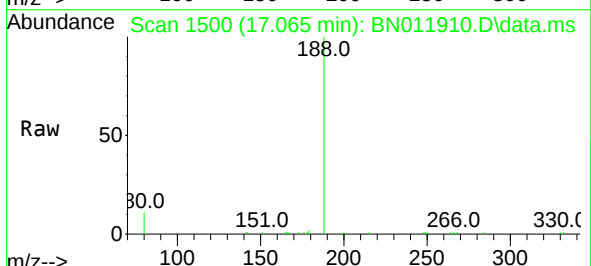
Instrument :
BNA_N
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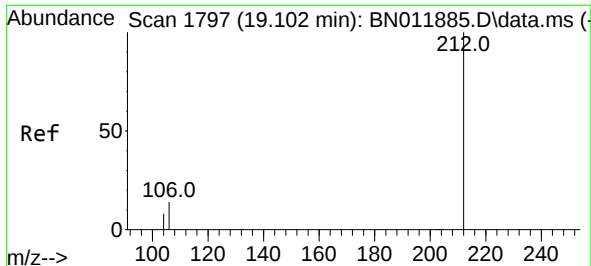
Tgt Ion:	172	Resp:	5245
Ion	Ratio	Lower	Upper
172	100		
171	37.1	27.4	41.2
170	25.2	17.8	26.6



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.065 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BN011910.D
Acq: 24 Sep 2020 12:55

Tgt Ion:	188	Resp:	13113
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	7.7	11.5

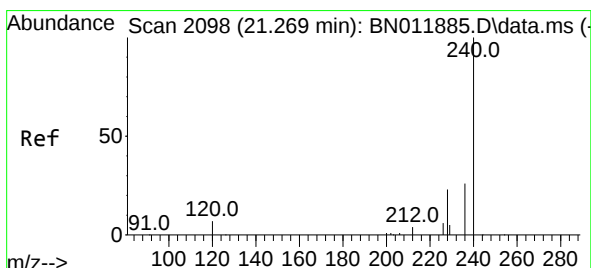
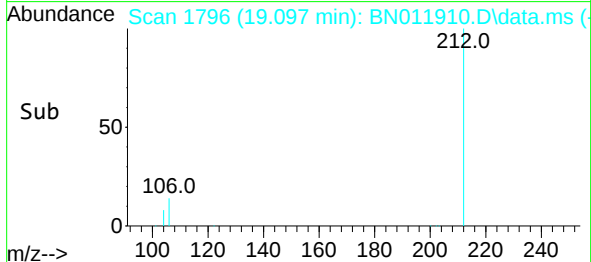
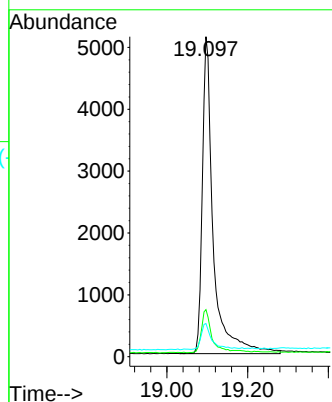
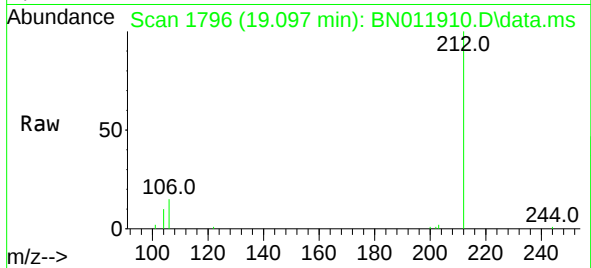




#27
Fluoranthene-d10
Concen: 0.25 ng
RT: 19.097 min Scan# 1796
Delta R.T. -0.005 min
Lab File: BN011910.D
Acq: 24 Sep 2020 12:55

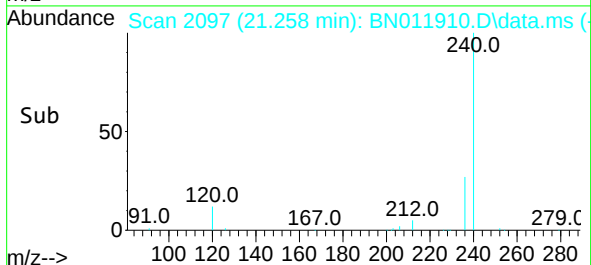
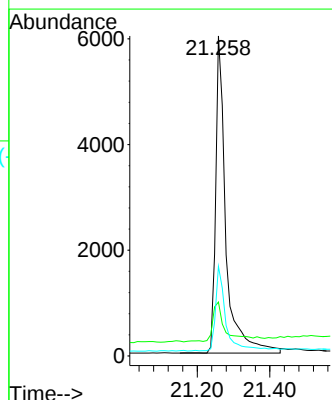
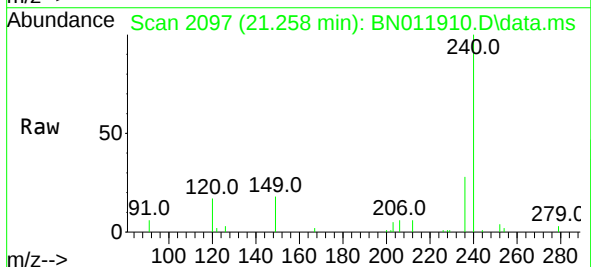
Instrument :
BNA_N
ClientSampleId :

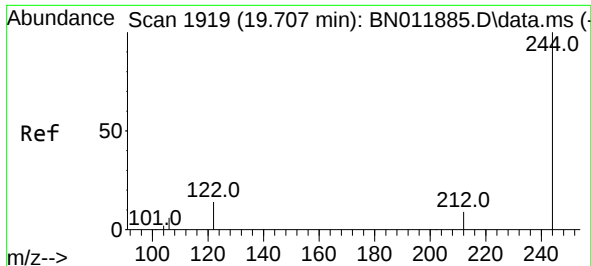
Tgt Ion:212 Resp: 9671
Ion Ratio Lower Upper
212 100
106 12.8 6.4 9.6#
104 7.8 3.9 5.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.258 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN011910.D
Acq: 24 Sep 2020 12:55

Tgt Ion:240 Resp: 11817
Ion Ratio Lower Upper
240 100
120 16.8 3.5 5.3#
236 28.0 20.5 30.7

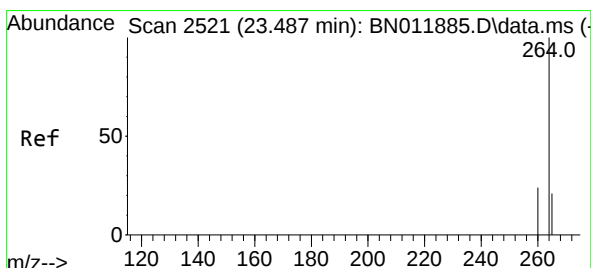
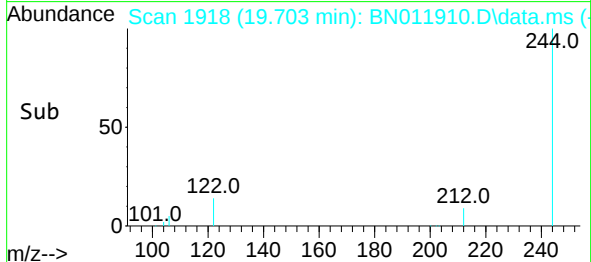
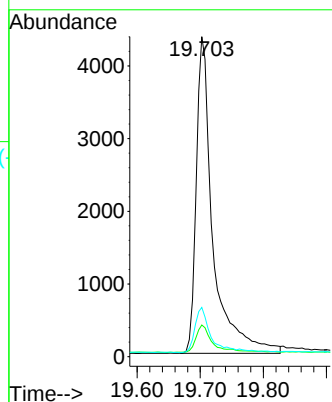
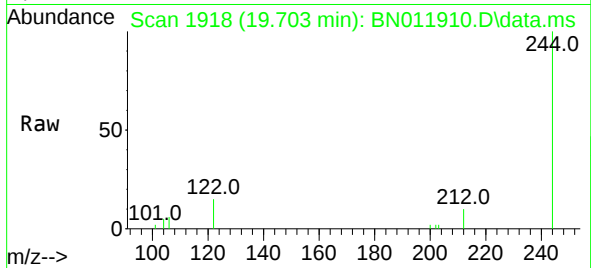




#31
Terphenyl-d14
Concen: 0.30 ng
RT: 19.703 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BN011910.D
Acq: 24 Sep 2020 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8025
Ion Ratio Lower Upper
244 100
212 9.9 7.3 10.9
122 15.4 7.8 11.6#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.477 min Scan# 2518
Delta R.T. -0.010 min
Lab File: BN011910.D
Acq: 24 Sep 2020 12:55

Tgt Ion:264 Resp: 11803
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 73.7 38.6 58.0#

