

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092520\
 Data File : BN011947.D
 Acq On : 25 Sep 2020 12:30
 Operator : CG/JU
 Sample : L4083-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20200917

Quant Time: Sep 25 13:03:04 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 11:18:41 2020
 Response via : Initial Calibration

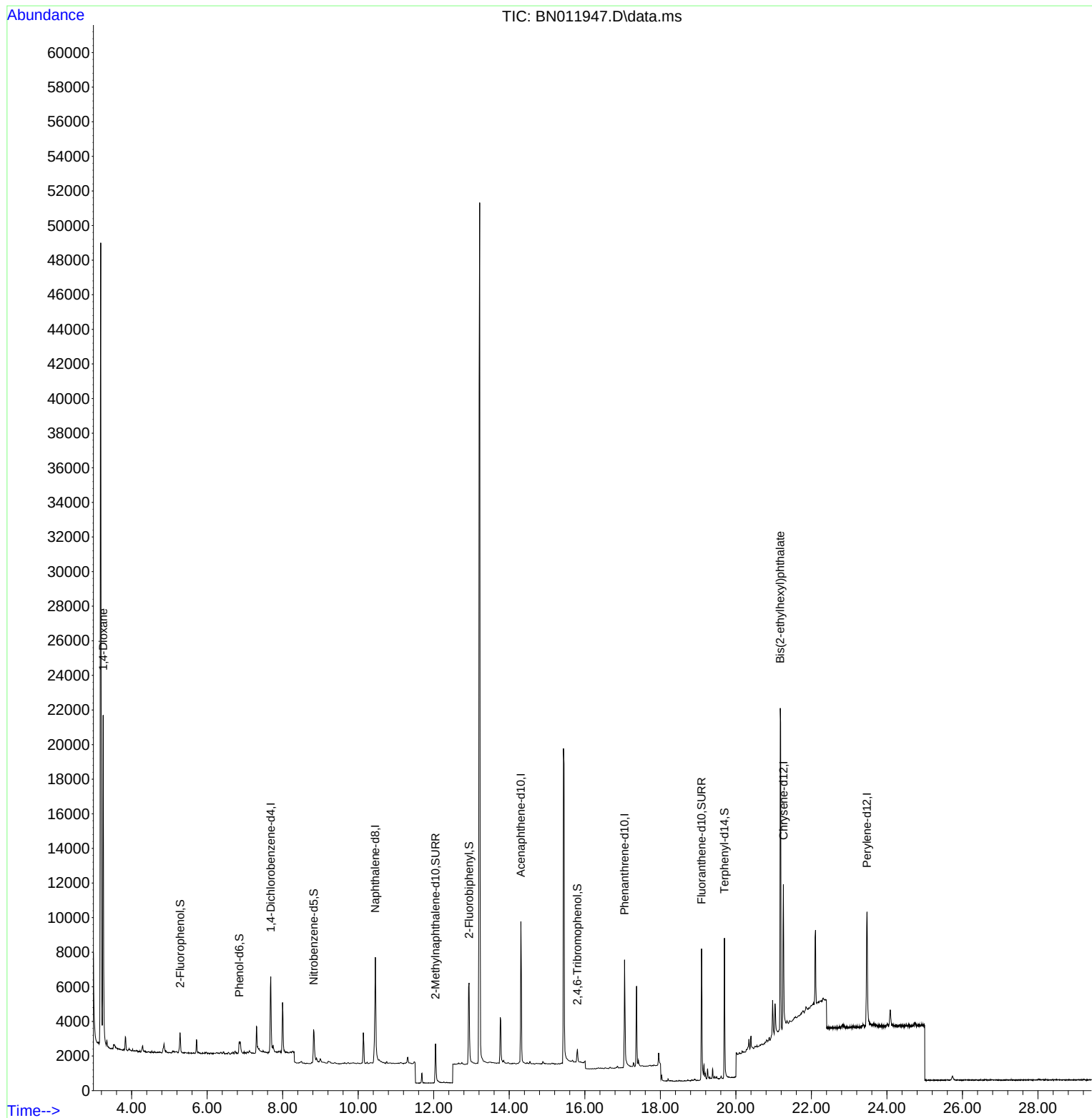
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.683	152	2218	0.40	ng	0.00
7) Naphthalene-d8	10.453	136	8987	0.40	ng	# 0.00
13) Acenaphthene-d10	14.306	164	4951	0.40	ng	0.00
19) Phenanthrene-d10	17.053	188	9553	0.40	ng	# 0.00
29) Chrysene-d12	21.259	240	9463	0.40	ng	# 0.00
36) Perylene-d12	23.470	264	9665	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	793	0.10	ng	0.00
5) Phenol-d6	6.853	99	543	0.06	ng	0.00
8) Nitrobenzene-d5	8.818	82	2271	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.047	152	3320	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	586	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	5205	0.28	ng	0.00
27) Fluoranthene-d10	19.092	212	8928	0.32	ng	0.00
31) Terphenyl-d14	19.698	244	8475	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.245	88	10522	2.73	ng	95
34) Bis(2-ethylhexyl)phtha...	21.174	149	20152	0.94	ng	# 89

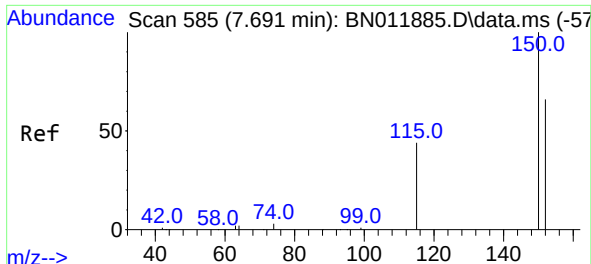
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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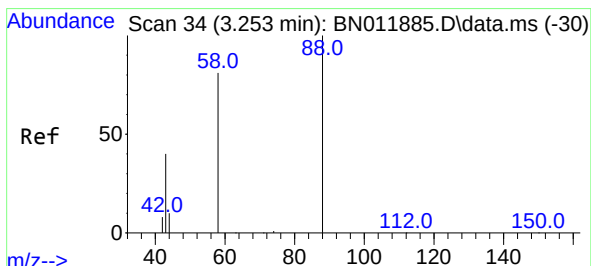
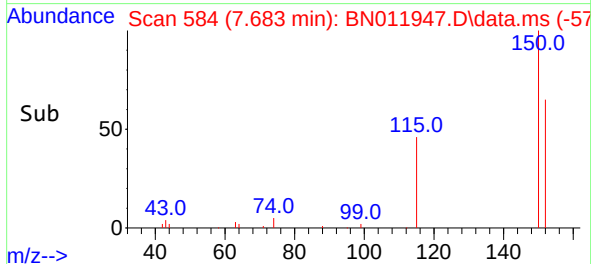
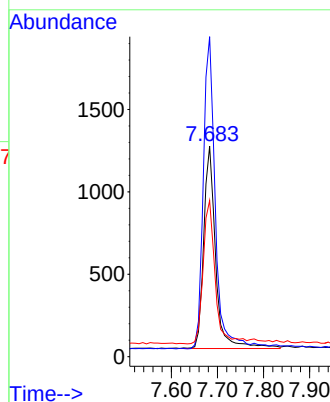
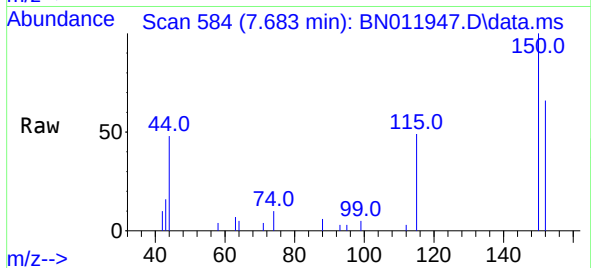




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.683 min Scan# 584
Delta R.T. -0.000 min
Lab File: BN011947.D
Acq: 25 Sep 2020 12:30

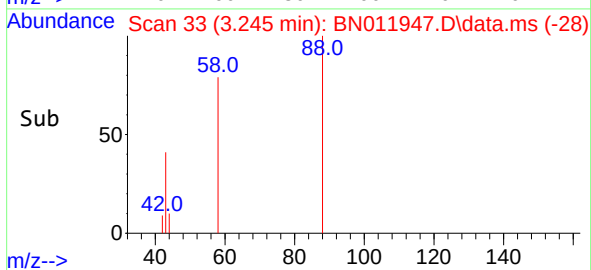
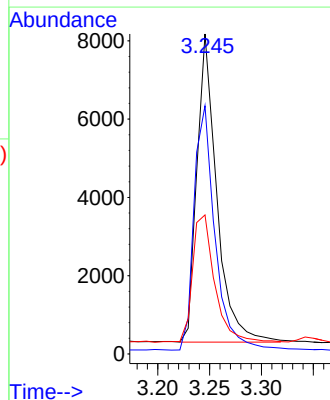
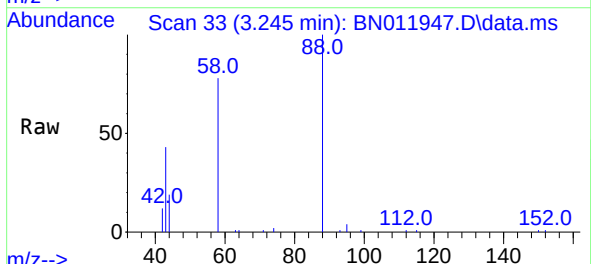
Instrument :
BNA_N
ClientSampleId :
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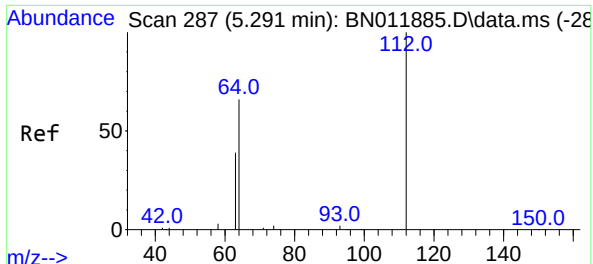
Tgt Ion:152 Resp: 2218
Ion Ratio Lower Upper
152 100
150 152.0 118.3 177.5
115 74.2 51.3 76.9



#2
1,4-Dioxane
Concen: 2.73 ng
RT: 3.245 min Scan# 33
Delta R.T. -0.008 min
Lab File: BN011947.D
Acq: 25 Sep 2020 12:30

Tgt Ion: 88 Resp: 10522
Ion Ratio Lower Upper
88 100
58 83.7 63.3 94.9
43 44.9 33.0 49.4

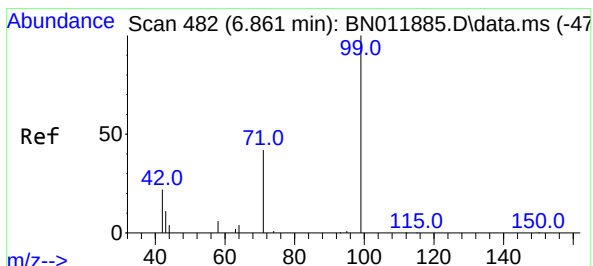
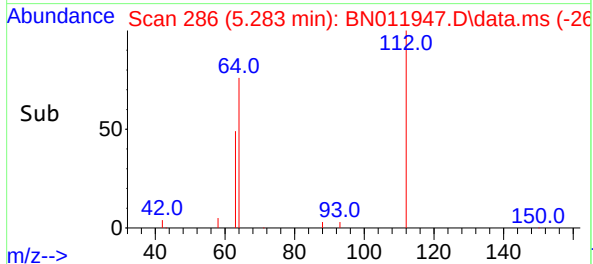
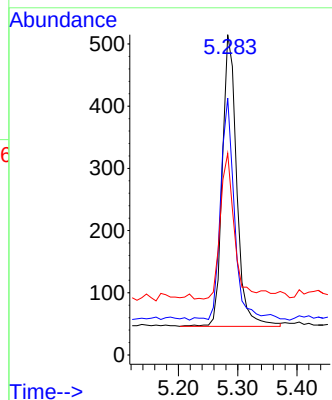
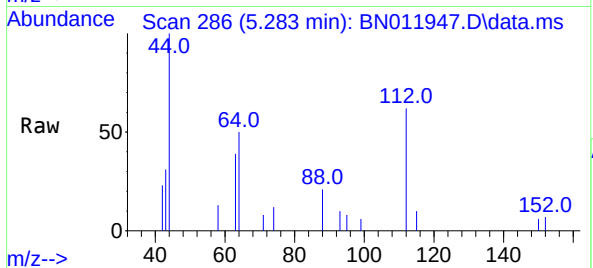




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.283 min Scan# 286
Delta R.T. 0.000 min
Lab File: BN011947.D
Acq: 25 Sep 2020 12:30

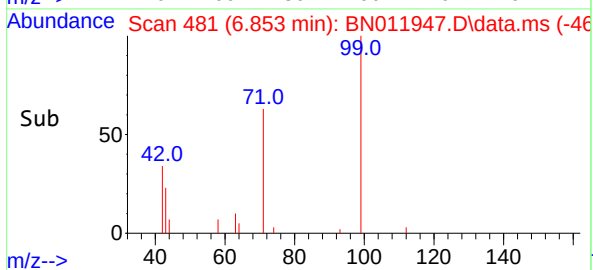
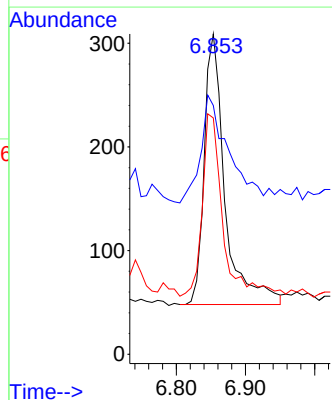
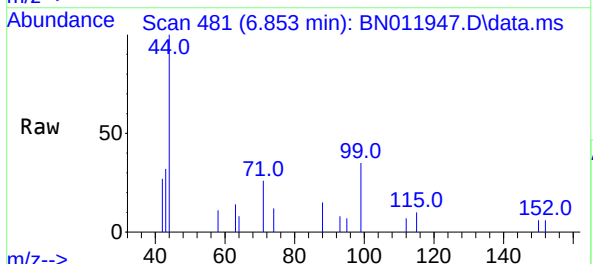
Instrument :
BNA_N
ClientSampleId :
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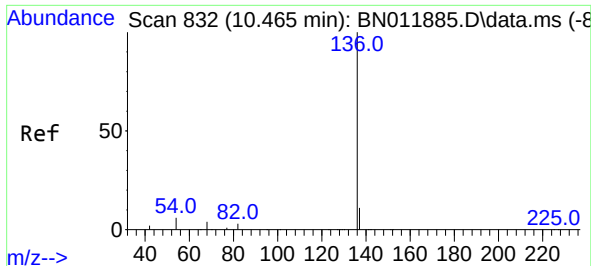
Tgt Ion:112 Resp: 793
Ion Ratio Lower Upper
112 100
64 74.1 49.0 73.6#
63 47.9 31.8 47.6#



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.853 min Scan# 481
Delta R.T. 0.000 min
Lab File: BN011947.D
Acq: 25 Sep 2020 12:30

Tgt Ion: 99 Resp: 543
Ion Ratio Lower Upper
99 100
42 53.6 23.4 35.0#
71 67.4 38.1 57.1#

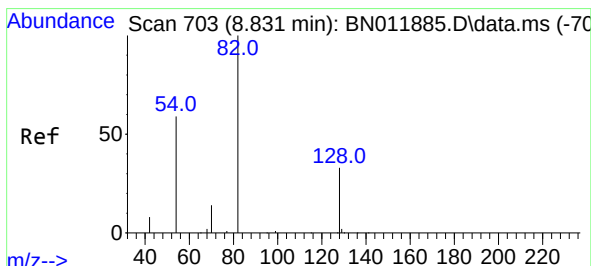
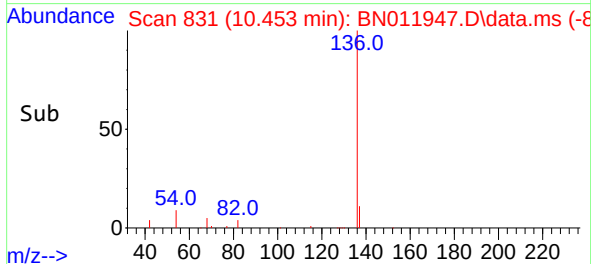
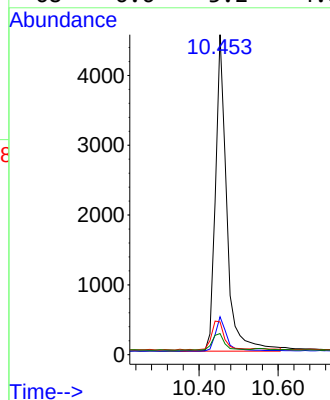
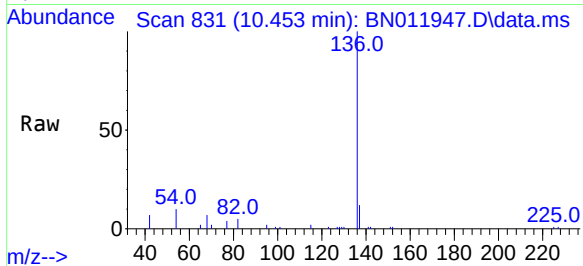




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. 0.000 min
Lab File: BN011947.D
Acq: 25 Sep 2020 12:30

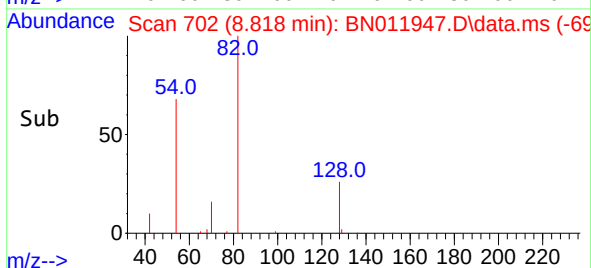
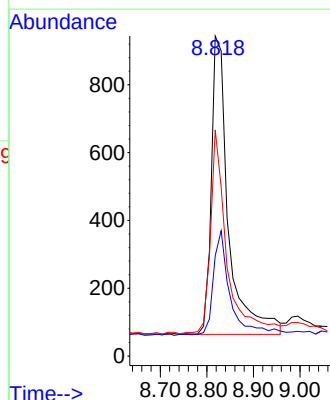
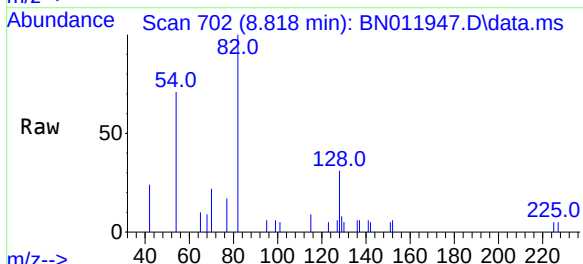
Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917

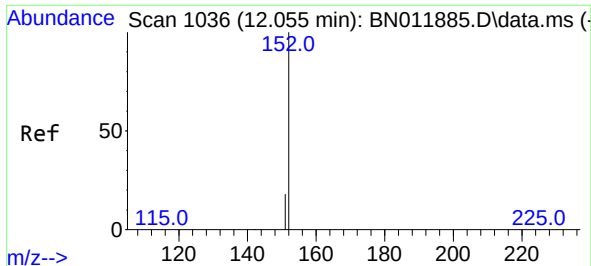
Tgt Ion:	136	Resp:	8987
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	10.3	5.6	8.4#
68	6.6	3.2	4.8#



#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.818 min Scan# 702
Delta R.T. 0.000 min
Lab File: BN011947.D
Acq: 25 Sep 2020 12:30

Tgt Ion:	82	Resp:	2271
Ion	Ratio	Lower	Upper
82	100		
128	31.4	34.2	51.2#
54	70.7	43.1	64.7#

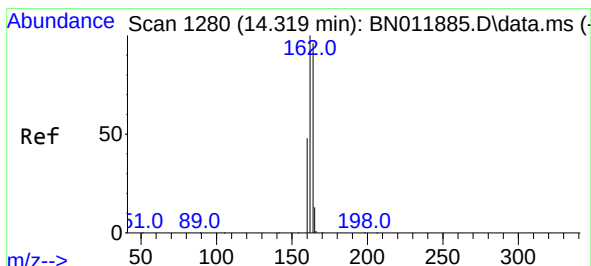
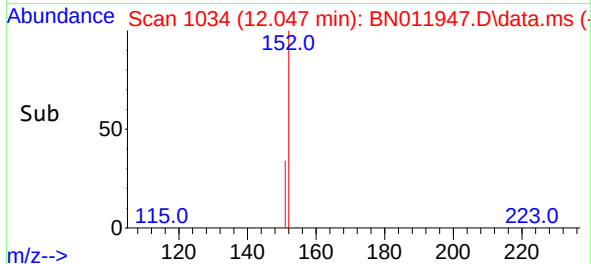
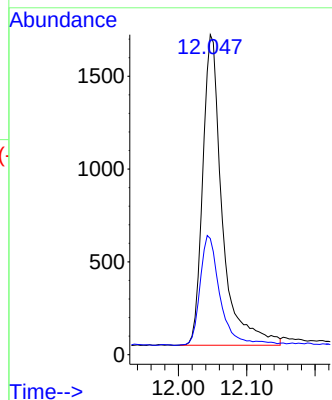
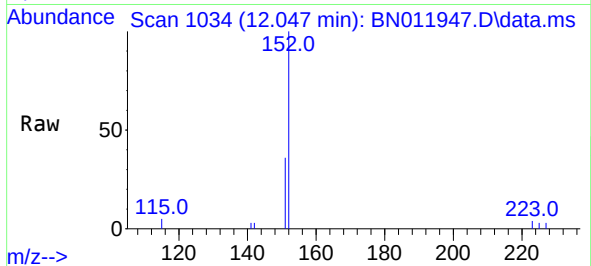




#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.047 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BN011947.D
Acq: 25 Sep 2020 12:30

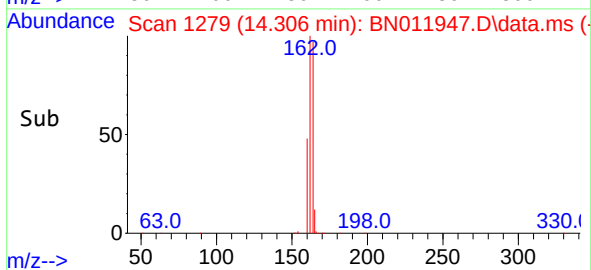
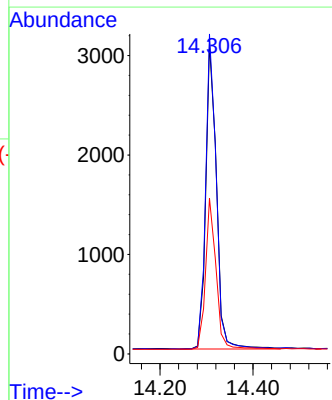
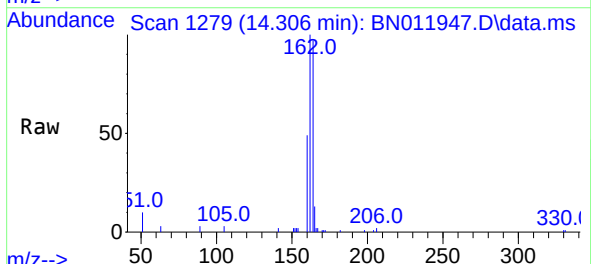
Instrument :
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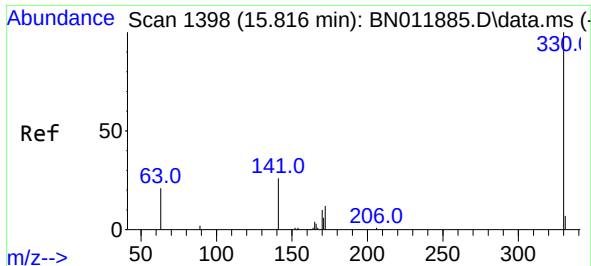
Tgt Ion:152 Resp: 3320
Ion Ratio Lower Upper
152 100
151 36.4 16.7 25.1#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BN011947.D
Acq: 25 Sep 2020 12:30

Tgt Ion:164 Resp: 4951
Ion Ratio Lower Upper
164 100
162 103.3 83.6 125.4
160 50.3 41.2 61.8

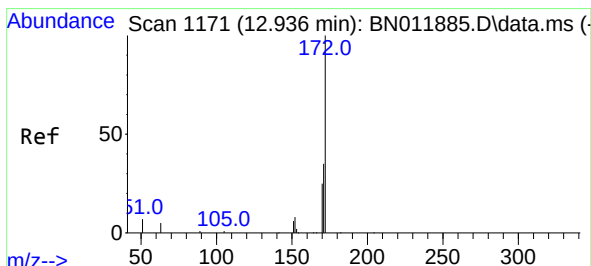
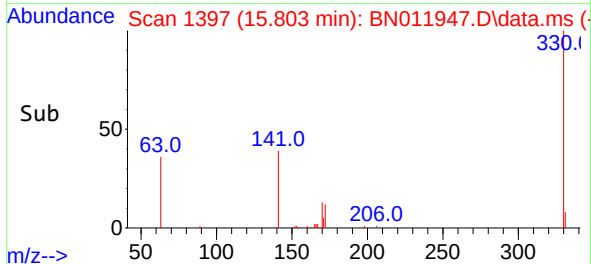
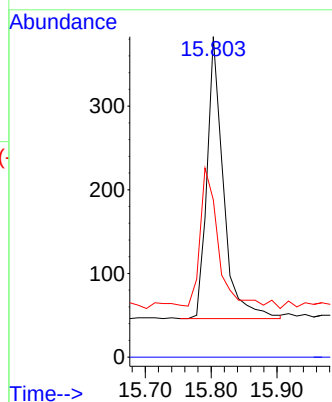
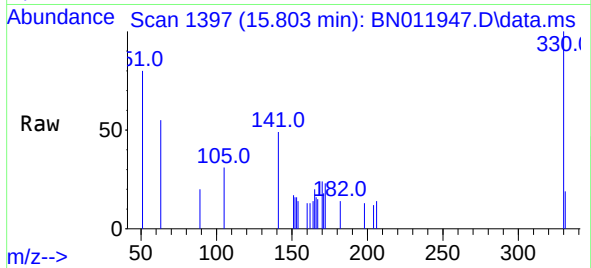




#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.803 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN011947.D
Acq: 25 Sep 2020 12:30

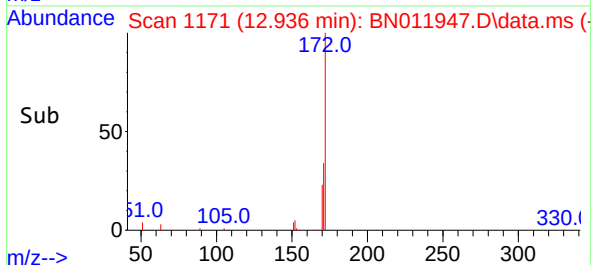
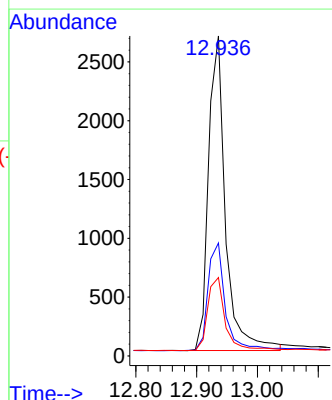
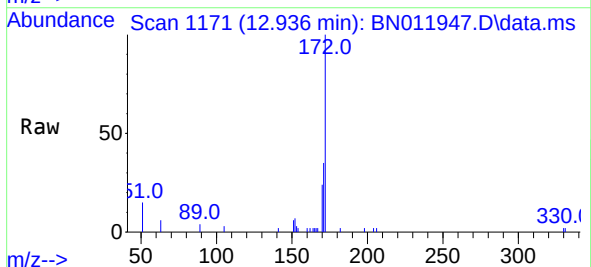
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ClientSampleId :
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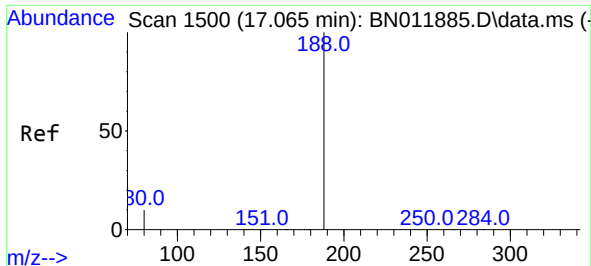
Tgt Ion:330 Resp: 586
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 57.3 33.7 50.5#



#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.936 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN011947.D
Acq: 25 Sep 2020 12:30

Tgt Ion:172 Resp: 5205
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.2
170 24.5 17.8 26.6

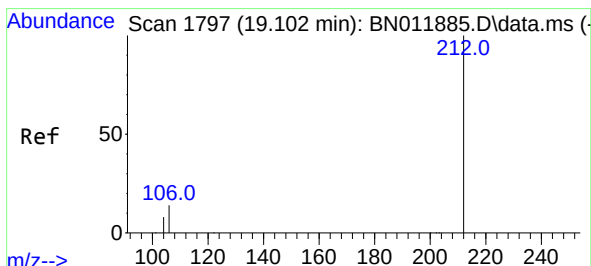
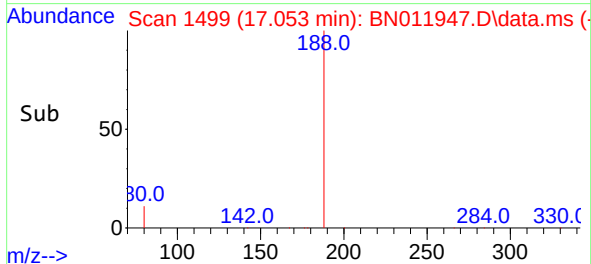
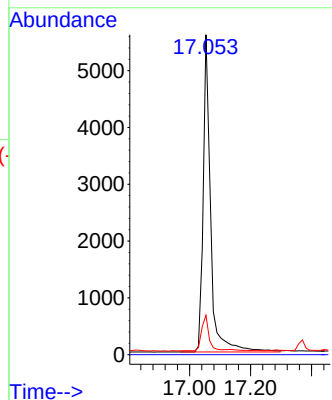
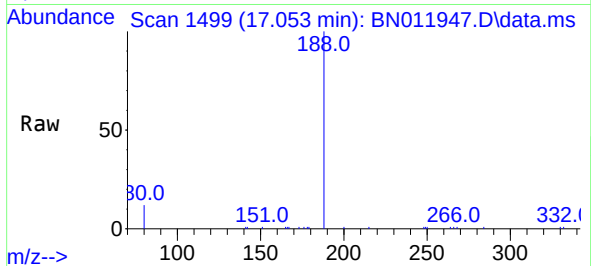




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN011947.D
Acq: 25 Sep 2020 12:30

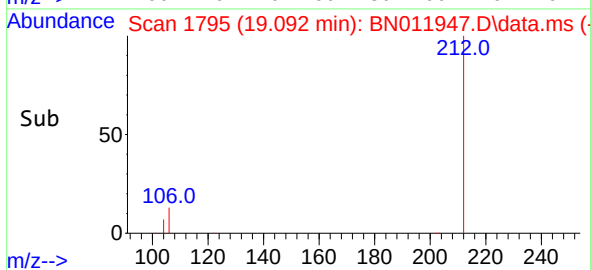
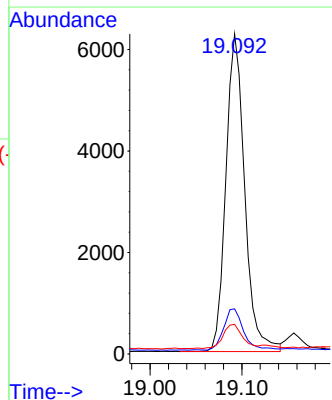
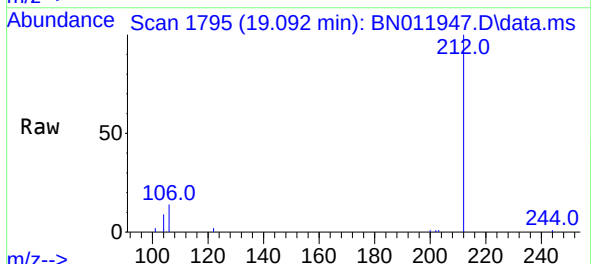
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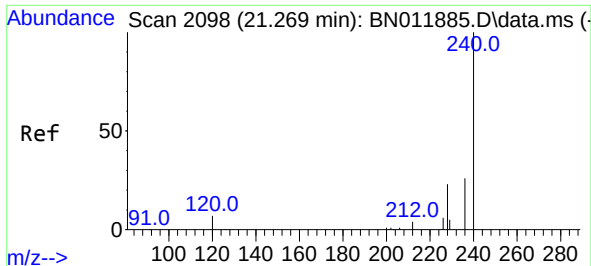
Tgt Ion:188 Resp: 9553
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 7.7 11.5#



#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.092 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BN011947.D
Acq: 25 Sep 2020 12:30

Tgt Ion:212 Resp: 8928
Ion Ratio Lower Upper
212 100
106 14.0 6.4 9.6#
104 7.9 3.9 5.9#





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.259 min Scan# 2097

Delta R.T. 0.000 min

Lab File: BN011947.D

Acq: 25 Sep 2020 12:30

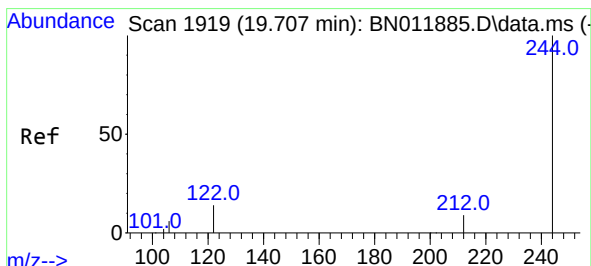
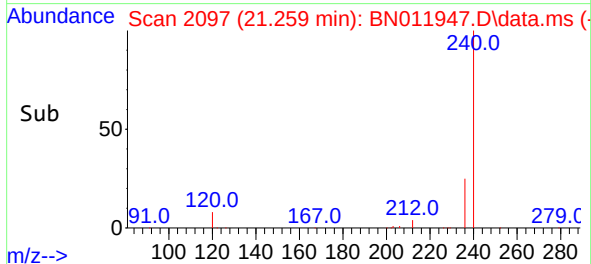
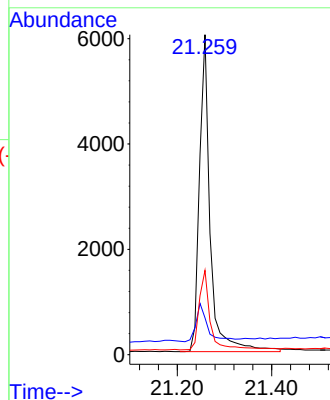
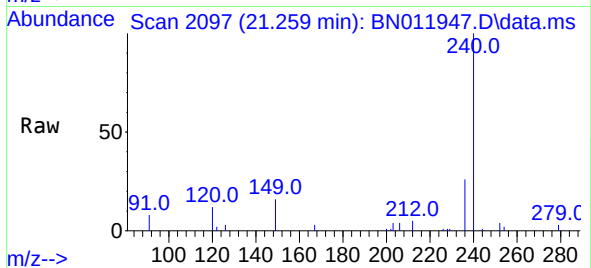
Tgt Ion:240 Resp: 9463

Ion Ratio Lower Upper

240 100

120 11.5 3.5 5.3#

236 26.4 20.5 30.7



#31

Terphenyl-d14

Concen: 0.39 ng

RT: 19.698 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BN011947.D

Acq: 25 Sep 2020 12:30

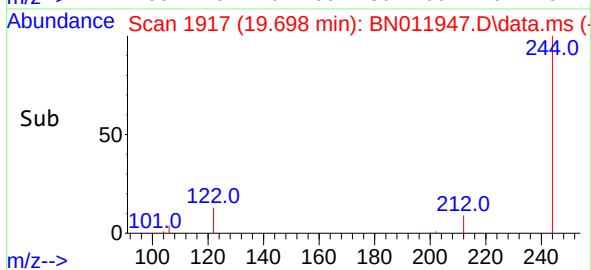
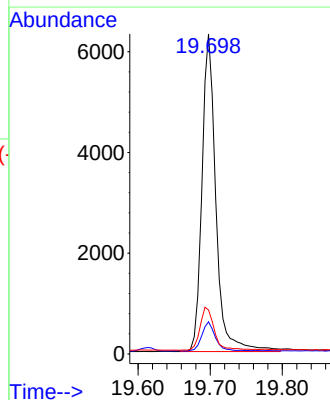
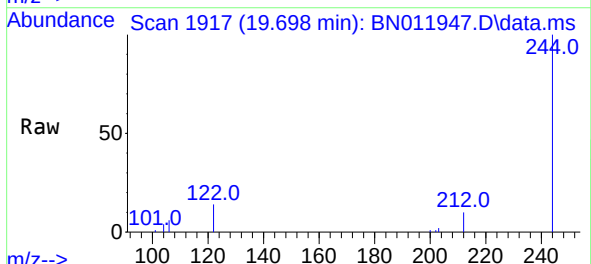
Tgt Ion:244 Resp: 8475

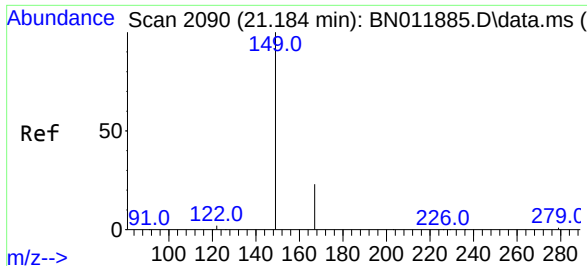
Ion Ratio Lower Upper

244 100

212 10.0 7.3 10.9

122 13.8 7.8 11.6#

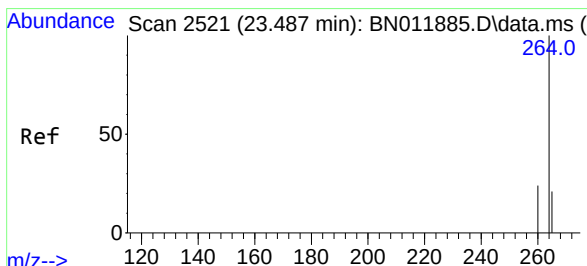
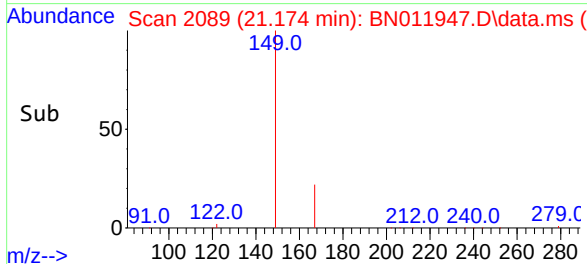
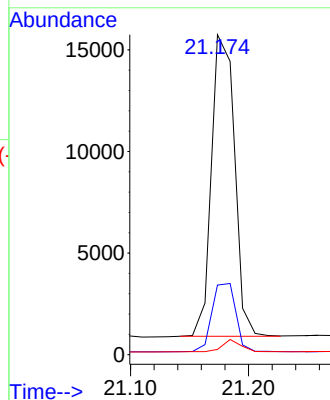
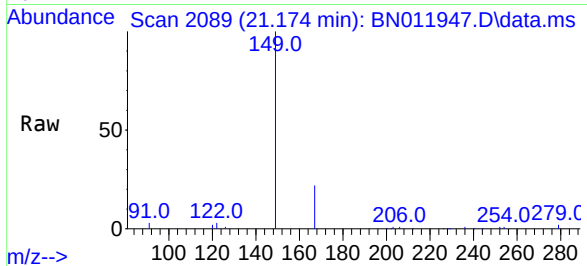




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.94 ng
 RT: 21.174 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: BN011947.D
 Acq: 25 Sep 2020 12:30

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Tgt Ion:	149	Resp:	20152
Ion Ratio	Lower	Upper	
149	100		
167	23.3	23.6	35.4#
279	3.3	4.0	6.0#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.470 min Scan# 2516
 Delta R.T. 0.000 min
 Lab File: BN011947.D
 Acq: 25 Sep 2020 12:30

Tgt Ion:	264	Resp:	9665
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.6	29.4
265	64.4	38.6	58.0#

