

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101121\
 Data File : BN016882.D
 Acq On : 11 Oct 2021 12:58
 Operator : CG/JU
 Sample : PB139657BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139657BL

Quant Time: Oct 11 13:46:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 15:46:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.606	152	19324	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	88866	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	47380	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	91540	0.400	ng	#-0.01
29) Chrysene-d12	21.206	240	89352	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	89236	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	19242	0.399	ng	0.02
5) Phenol-d6	6.803	99	18653	0.340	ng	0.00
8) Nitrobenzene-d5	8.747	82	20727	0.333	ng	-0.01
11) 2-Methylnaphthalene-d10	11.976	152	52973	0.400	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	4457	0.182	ng	0.00
15) 2-Fluorobiphenyl	12.861	172	67197	0.352	ng	-0.01
27) Fluoranthene-d10	19.043	212	101516	0.399	ng	0.00
31) Terphenyl-d14	19.659	244	85059	0.437	ng	0.00

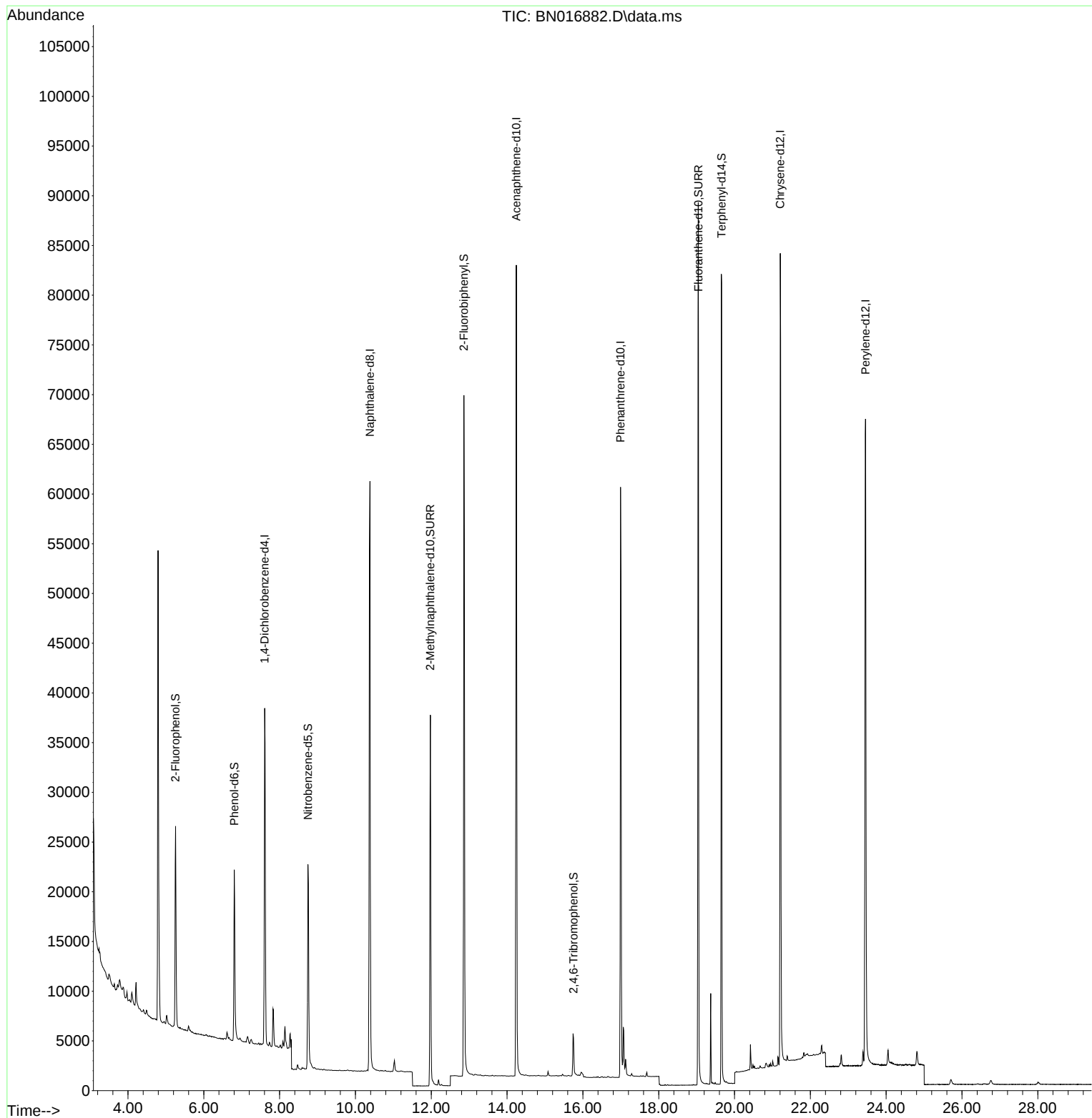
Target Compounds Qvalue

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

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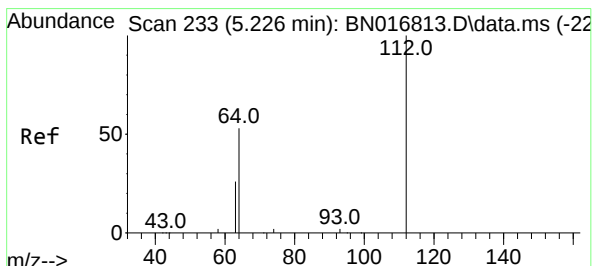
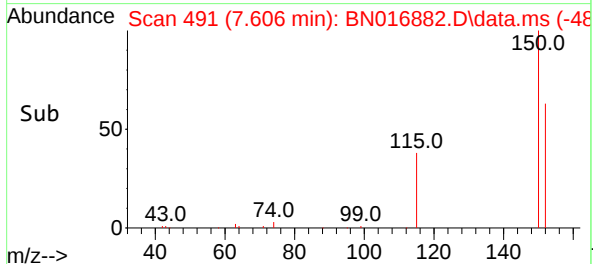
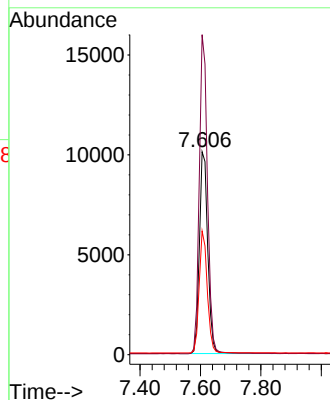
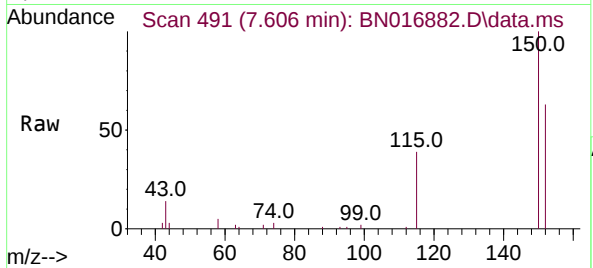




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.606 min Scan# 491
 Delta R.T. -0.008 min
 Lab File: BN016882.D
 Acq: 11 Oct 2021 12:58

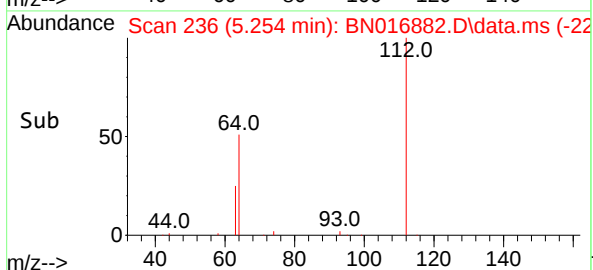
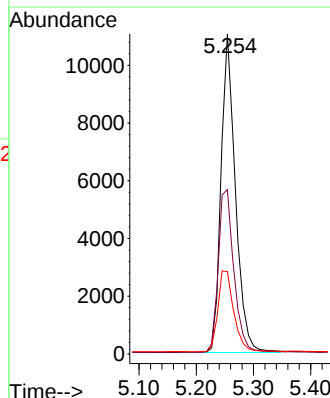
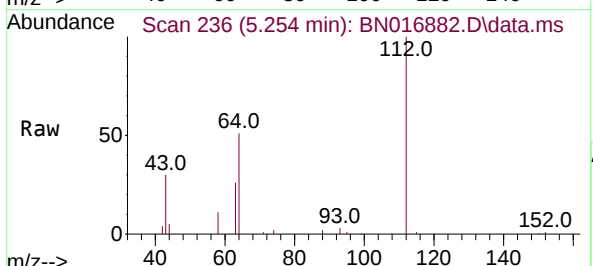
Instrument :
 BNA_N
 ClientSampleId :
 PB139657BL

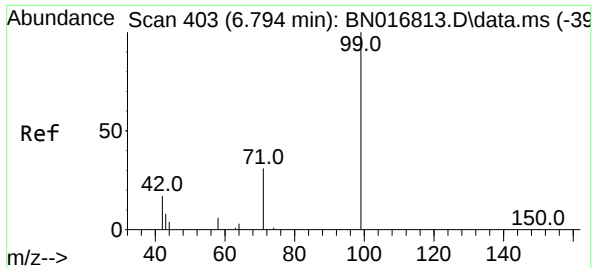
Tgt Ion:152 Resp: 19324
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.3 184.9
 115 61.0 47.0 70.6



#4
 2-Fluorophenol
 Concen: 0.399 ng
 RT: 5.254 min Scan# 236
 Delta R.T. 0.019 min
 Lab File: BN016882.D
 Acq: 11 Oct 2021 12:58

Tgt Ion:112 Resp: 19242
 Ion Ratio Lower Upper
 112 100
 64 55.5 42.9 64.3
 63 28.1 21.5 32.3

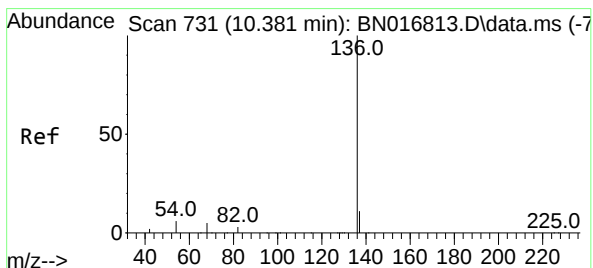
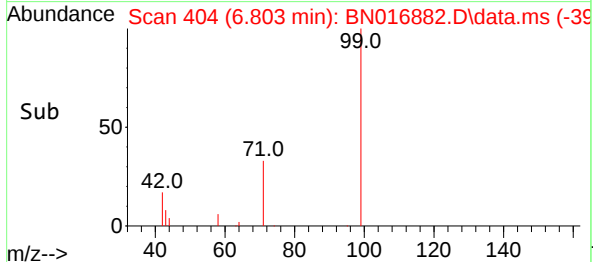
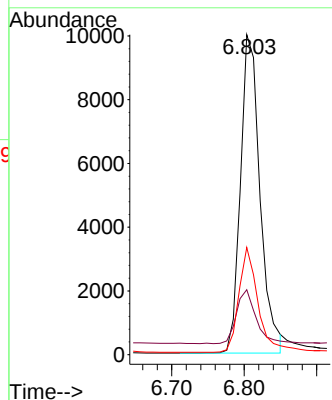
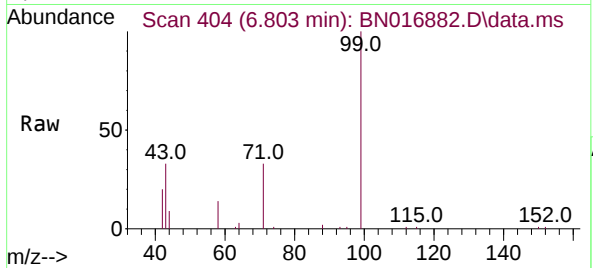




#5
Phenol-d6
Concen: 0.340 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.010 min
Lab File: BN016882.D
Acq: 11 Oct 2021 12:58

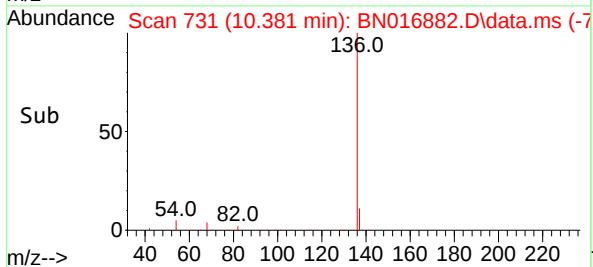
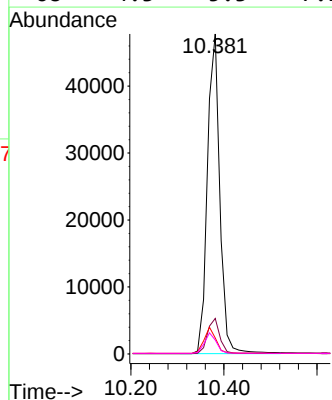
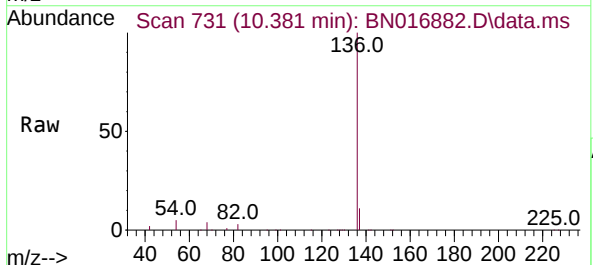
Instrument :
BNA_N
ClientSampleId :
PB139657BL

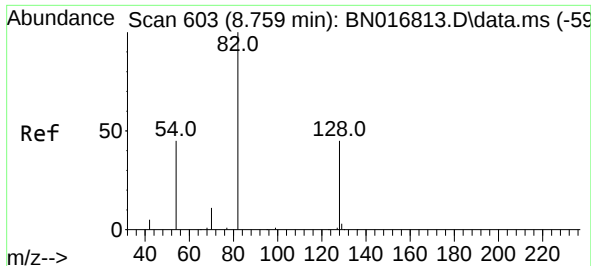
Tgt Ion: 99 Resp: 18653
Ion Ratio Lower Upper
99 100
42 16.7 13.4 20.2
71 31.5 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016882.D
Acq: 11 Oct 2021 12:58

Tgt Ion: 136 Resp: 88866
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 5.0 6.5 9.7#
68 4.3 5.3 7.9#

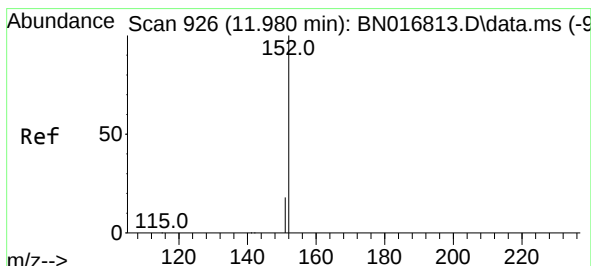
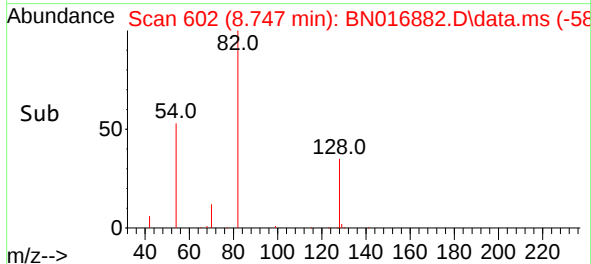
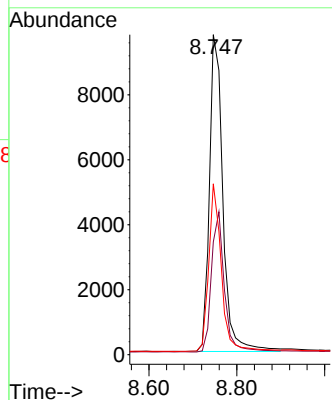
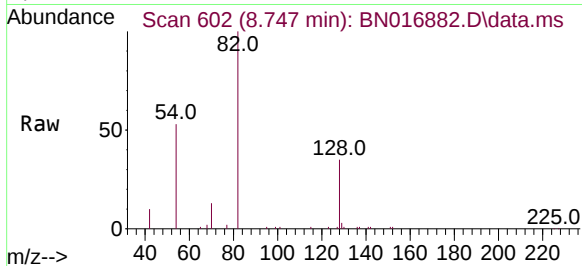




#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 8.747 min Scan# 602
Delta R.T. -0.012 min
Lab File: BN016882.D
Acq: 11 Oct 2021 12:58

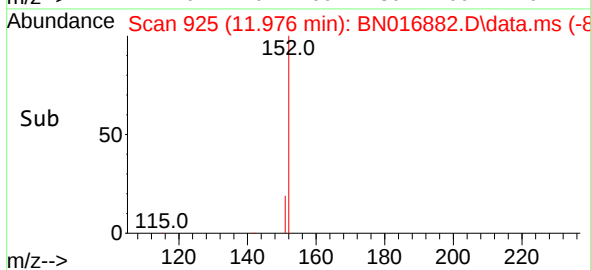
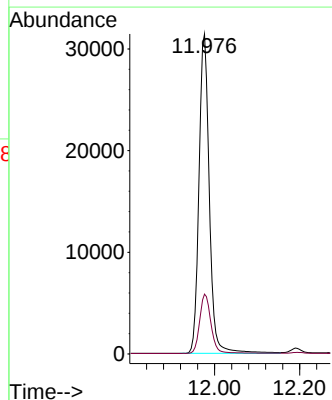
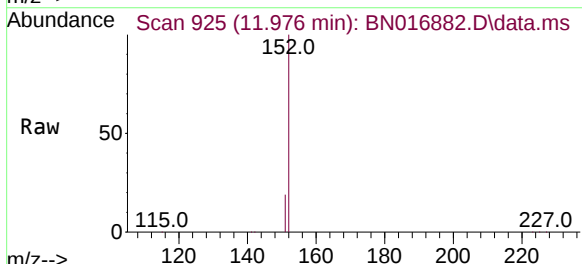
Instrument :
BNA_N
ClientSampleId :
PB139657BL

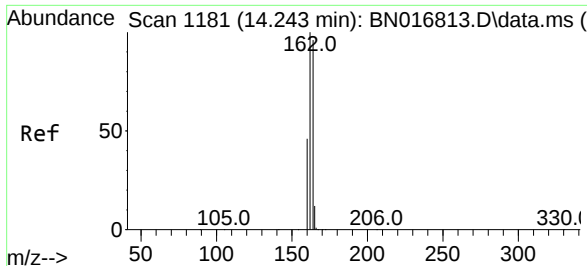
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	33.8	50.6
54	53.4	38.5	57.7



#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016882.D
Acq: 11 Oct 2021 12:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

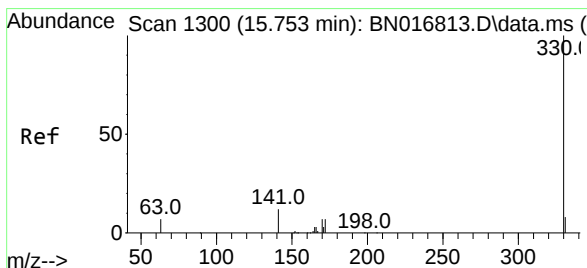
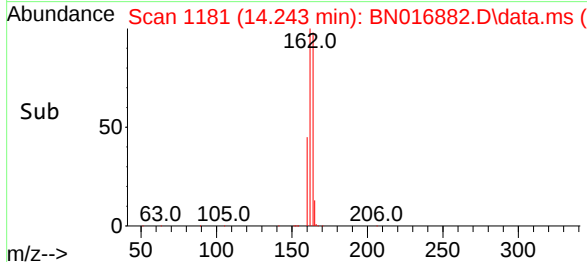
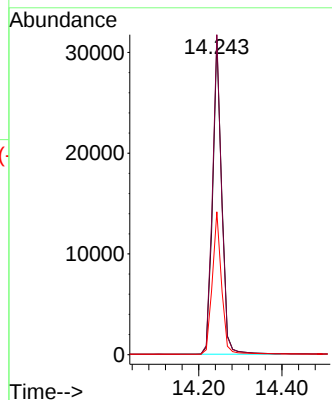
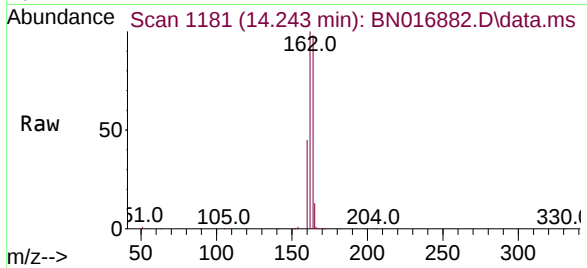




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016882.D
Acq: 11 Oct 2021 12:58

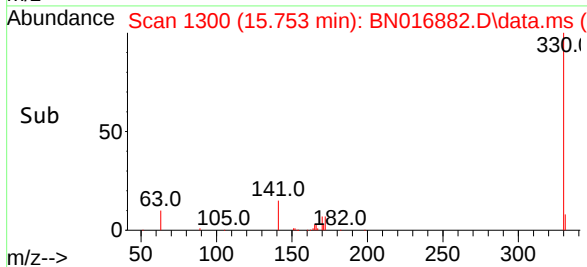
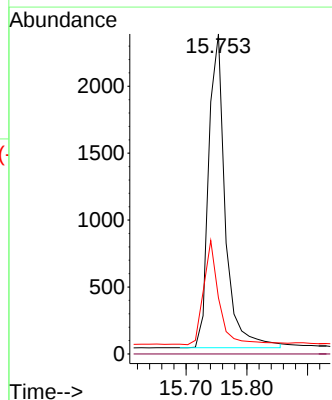
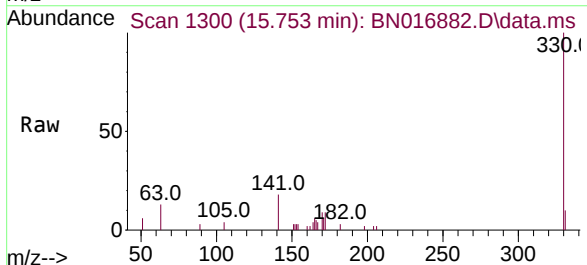
Instrument :
BNA_N
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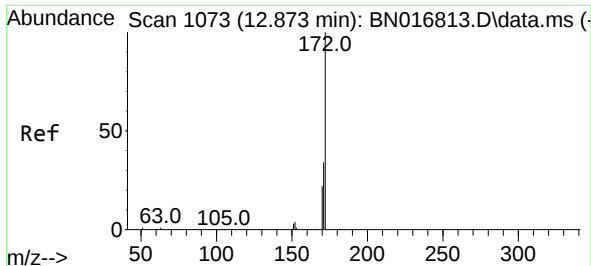
Tgt Ion:164 Resp: 47380
Ion Ratio Lower Upper
164 100
162 101.9 82.6 124.0
160 45.5 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016882.D
Acq: 11 Oct 2021 12:58

Tgt Ion:330 Resp: 4457
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.1 24.2 36.2

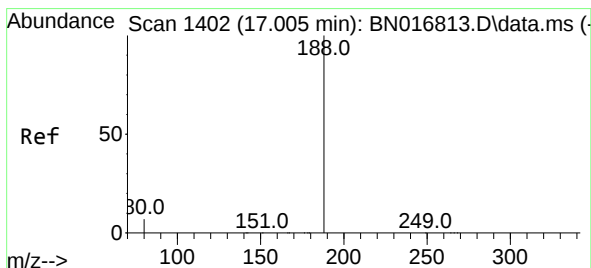
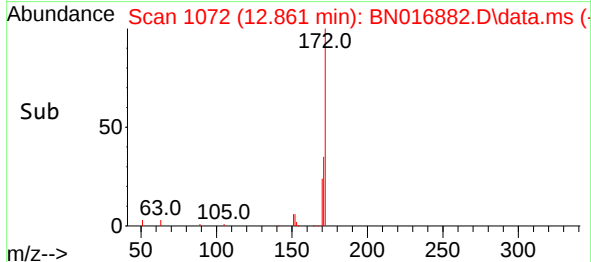
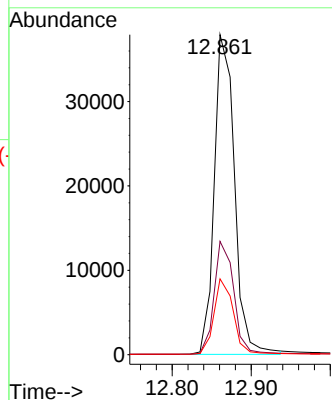
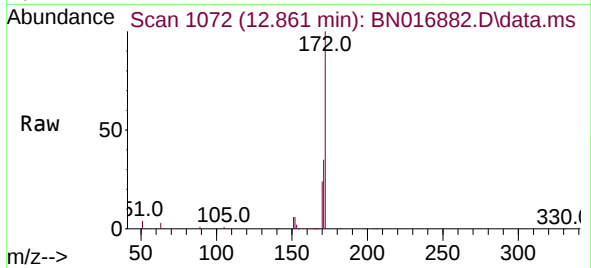




#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 12.861 min Scan# 1072
Delta R.T. -0.012 min
Lab File: BN016882.D
Acq: 11 Oct 2021 12:58

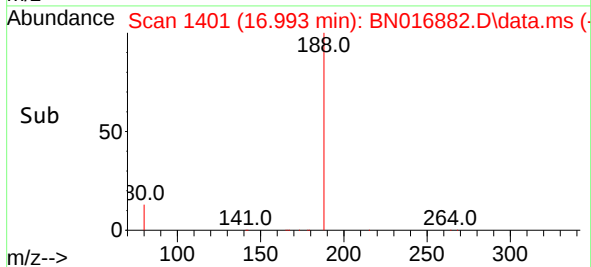
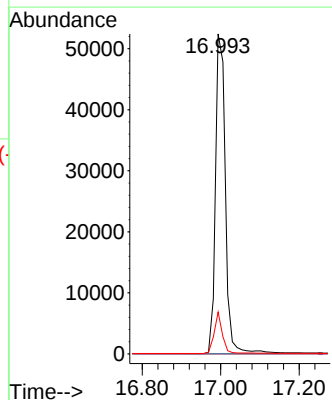
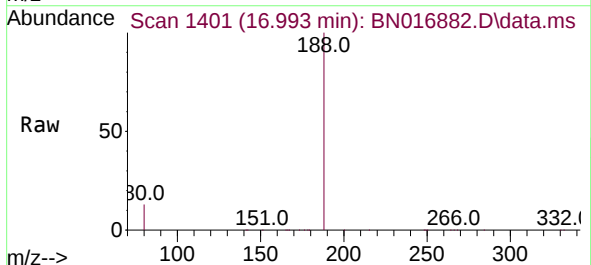
Instrument :
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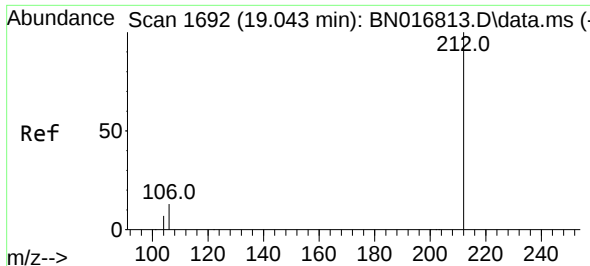
Tgt Ion:	172	Resp:	67197
Ion Ratio	Lower	Upper	
172	100		
171	35.4	26.9	40.3
170	23.7	17.4	26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BN016882.D
Acq: 11 Oct 2021 12:58

Tgt Ion:	188	Resp:	91540
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.1	5.8	8.8#

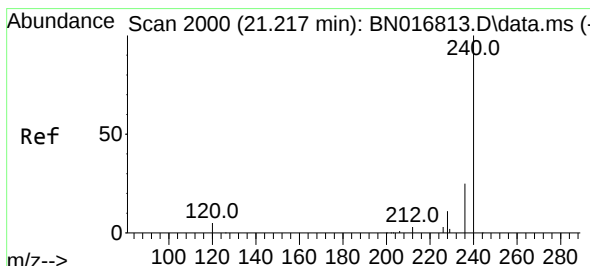
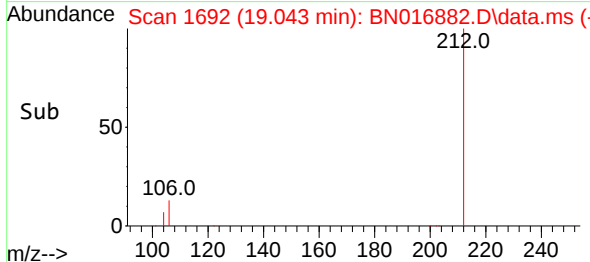
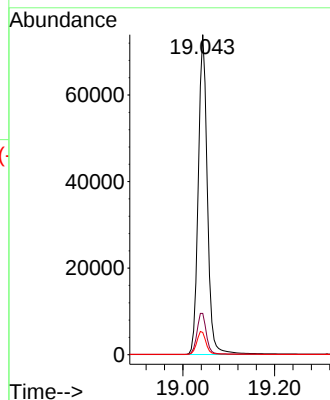
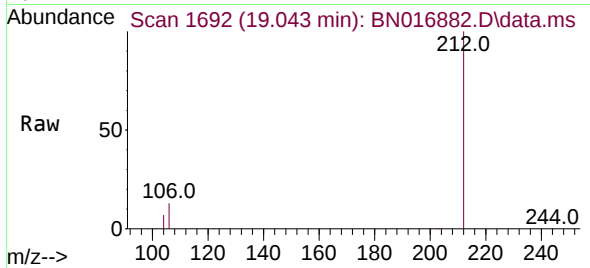




#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016882.D
Acq: 11 Oct 2021 12:58

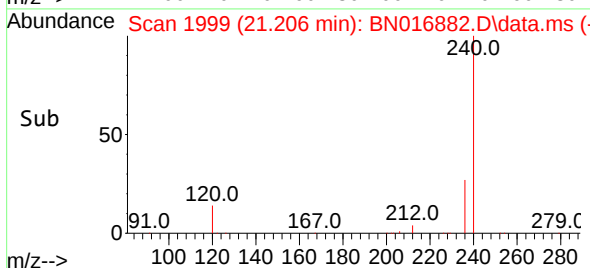
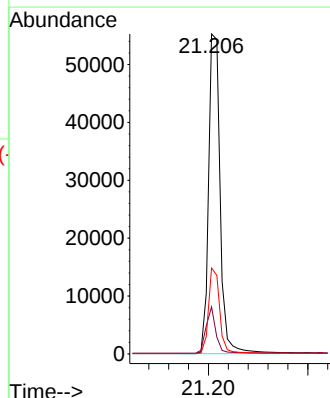
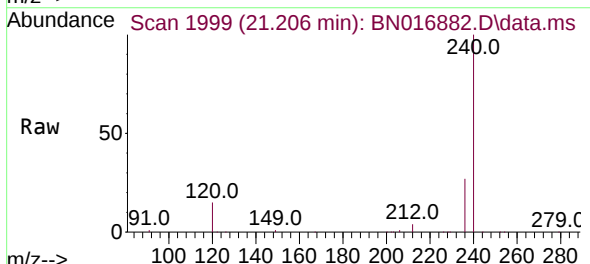
Instrument :
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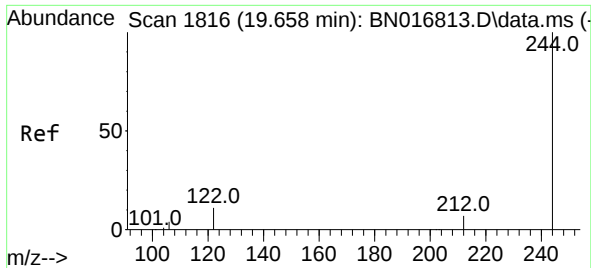
Tgt Ion:212 Resp: 101516
Ion Ratio Lower Upper
212 100
106 13.5 10.6 16.0
104 7.4 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BN016882.D
Acq: 11 Oct 2021 12:58

Tgt Ion:240 Resp: 89352
Ion Ratio Lower Upper
240 100
120 14.7 6.6 10.0#
236 26.9 20.7 31.1

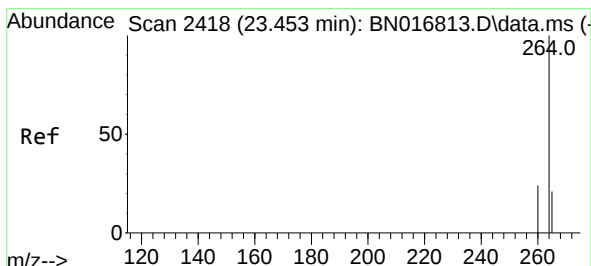
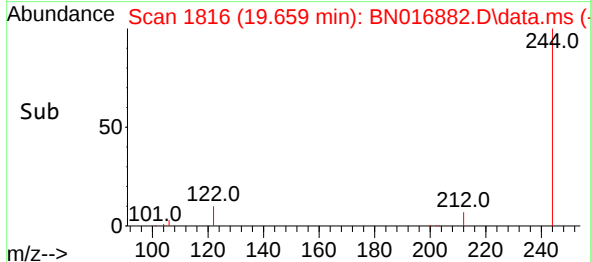
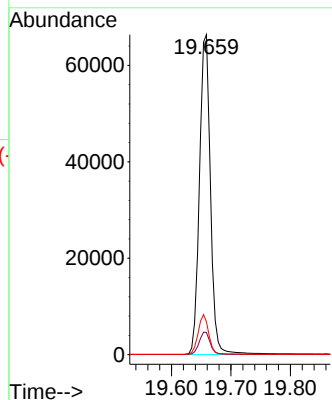
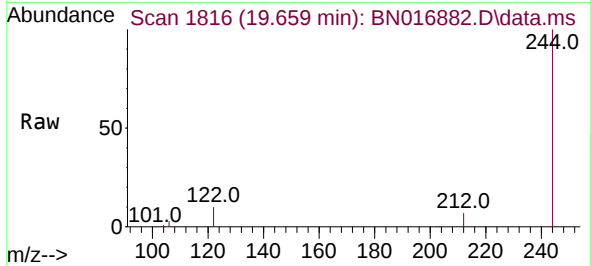




#31
Terphenyl-d14
Concen: 0.437 ng
RT: 19.659 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BN016882.D
Acq: 11 Oct 2021 12:58

Instrument :
BNA_N
ClientSampleId :
PB139657BL

Tgt Ion:244 Resp: 85059
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 10.3 8.9 13.3



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.454 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BN016882.D
Acq: 11 Oct 2021 12:58

Tgt Ion:264 Resp: 89236
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.6
265 24.2 20.3 30.5

