

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
 Data File : BN016864.D
 Acq On : 09 Oct 2021 04:25
 Operator : CG/JU
 Sample : PB139747BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139747BL

Quant Time: Oct 09 05:43:19 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)

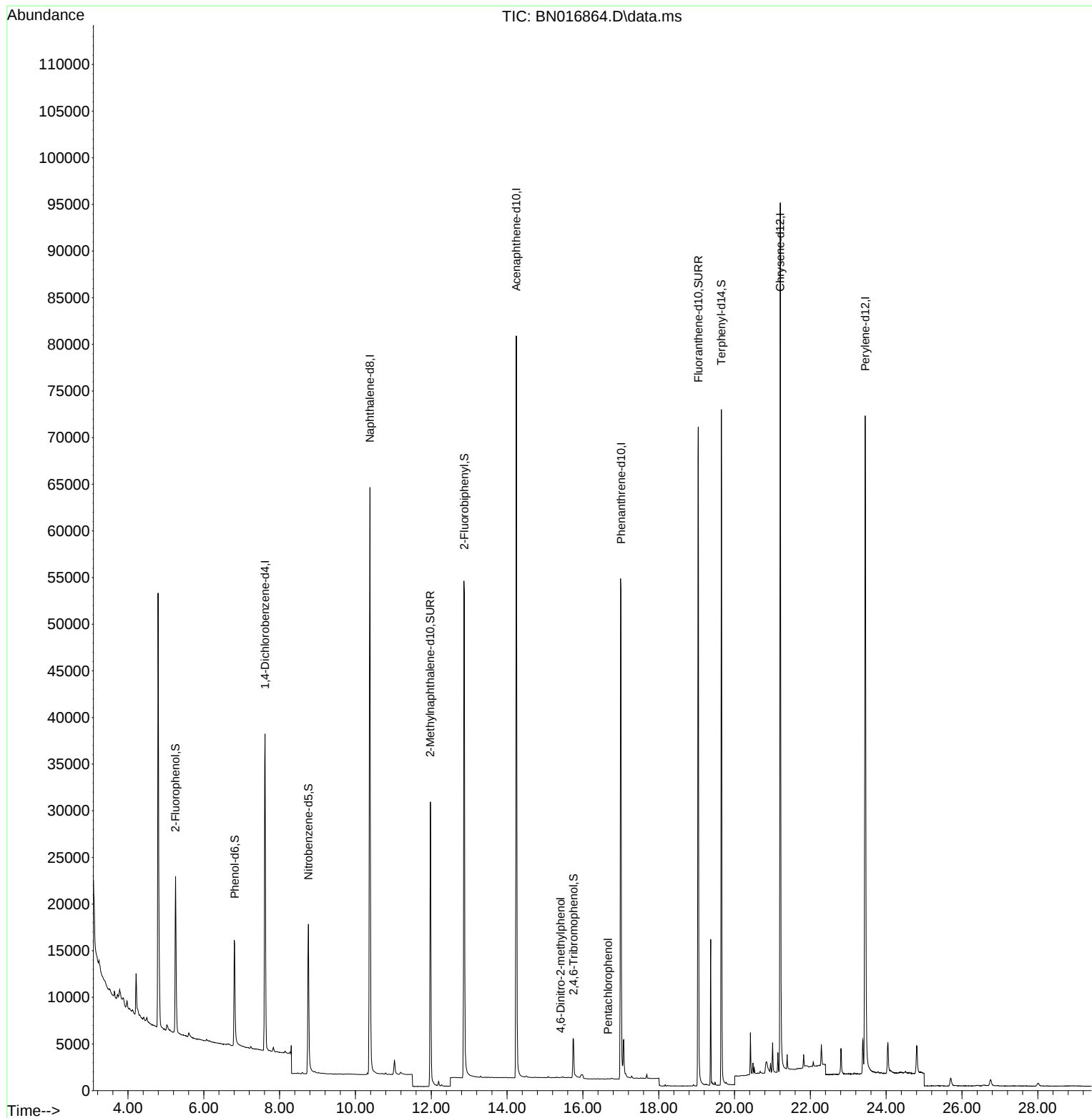
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	20030	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	89421	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	45712	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	89365	0.400	ng	0.00
29) Chrysene-d12	21.206	240	90222	0.400	ng	# 0.00
35) Perylene-d12	23.447	264	95524	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	16398	0.328	ng	0.02
5) Phenol-d6	6.812	99	14228	0.250	ng	0.02
8) Nitrobenzene-d5	8.759	82	16520	0.264	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	45512	0.342	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	4648	0.197	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	57722	0.313	ng	0.00
27) Fluoranthene-d10	19.043	212	85732	0.345	ng	0.00
31) Terphenyl-d14	19.654	244	75090	0.382	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.411	198	5	0.207	ng	# 1
24) Pentachlorophenol	16.665	266	37	0.105	ng	# 84

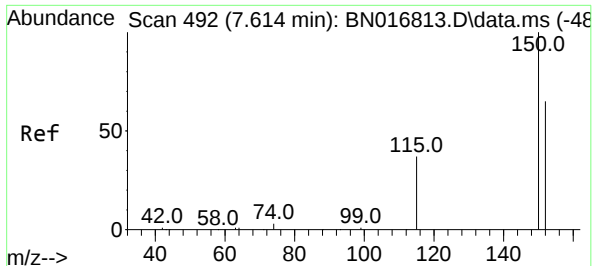
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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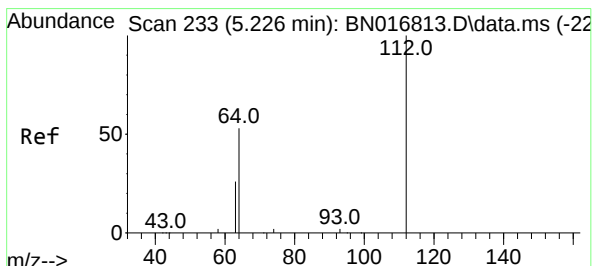
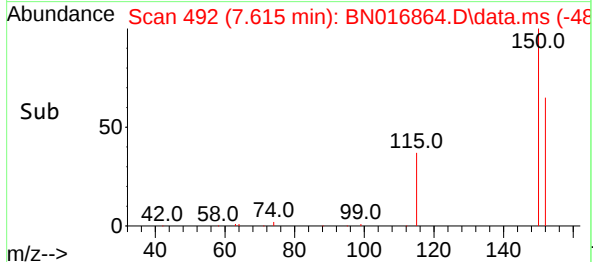
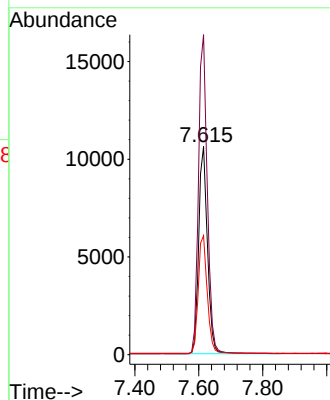
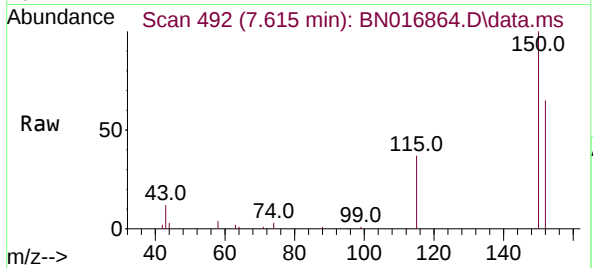




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.615 min Scan# 492
 Delta R.T. 0.001 min
 Lab File: BN016864.D
 Acq: 09 Oct 2021 04:25

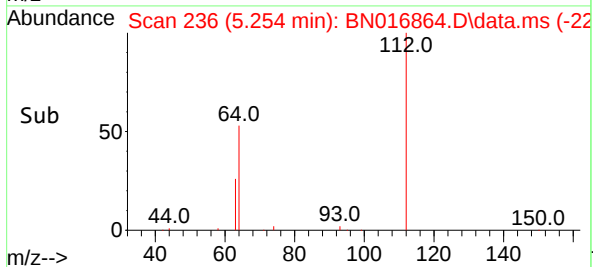
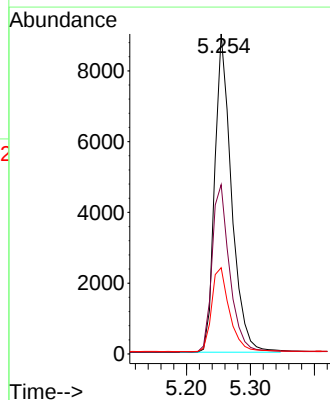
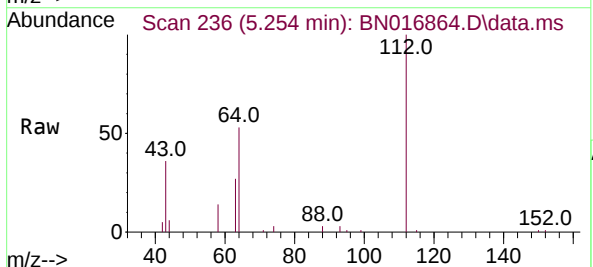
Instrument :
 BNA_N
 ClientSampleId :
 PB139747BL

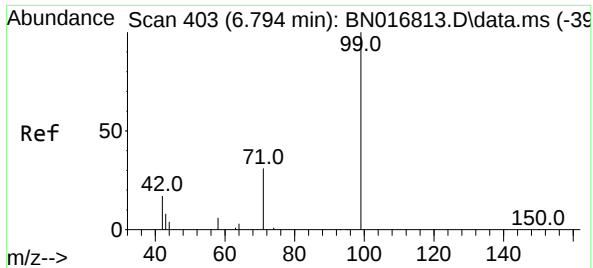
Tgt Ion:152 Resp: 20030
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.3 184.9
 115 57.2 47.0 70.6



#4
 2-Fluorophenol
 Concen: 0.328 ng
 RT: 5.254 min Scan# 236
 Delta R.T. 0.019 min
 Lab File: BN016864.D
 Acq: 09 Oct 2021 04:25

Tgt Ion:112 Resp: 16398
 Ion Ratio Lower Upper
 112 100
 64 54.9 42.9 64.3
 63 27.9 21.5 32.3

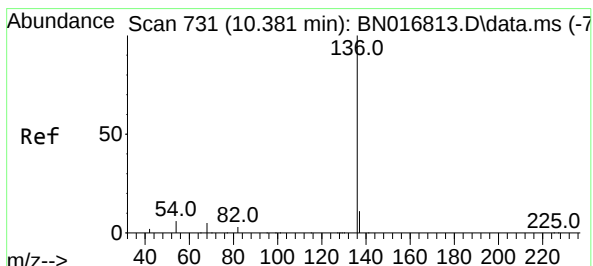
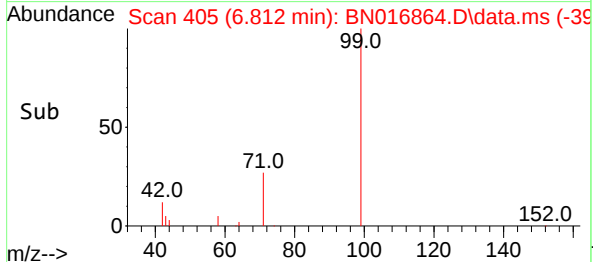
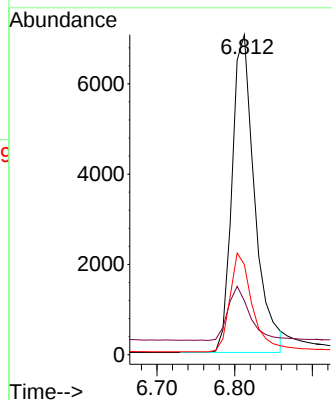
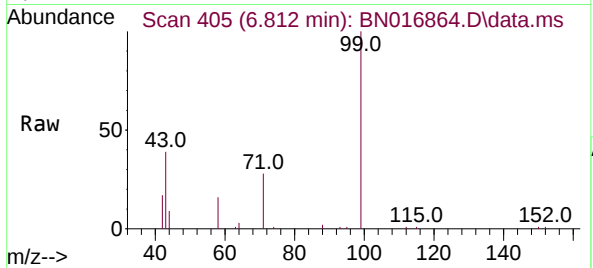




#5
Phenol-d6
Concen: 0.250 ng
RT: 6.812 min Scan# 405
Delta R.T. 0.019 min
Lab File: BN016864.D
Acq: 09 Oct 2021 04:25

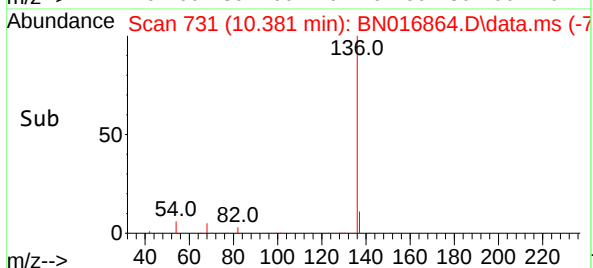
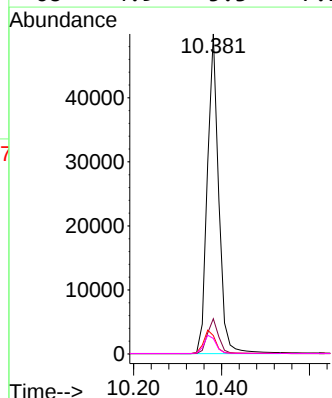
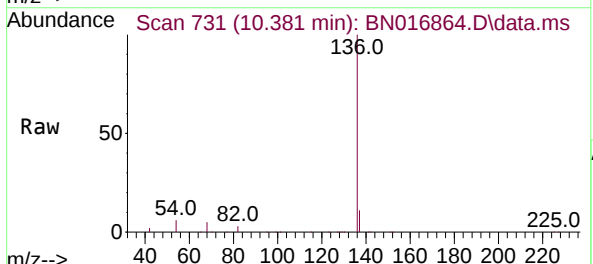
Instrument :
BNA_N
ClientSampleId :
PB139747BL

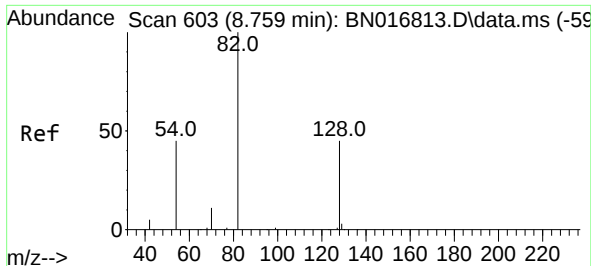
Tgt Ion:	99	Resp:	14228
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.4	20.2
71	30.7	24.0	36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016864.D
Acq: 09 Oct 2021 04:25

Tgt Ion:	136	Resp:	89421
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.7	6.5	9.7#
68	4.9	5.3	7.9#

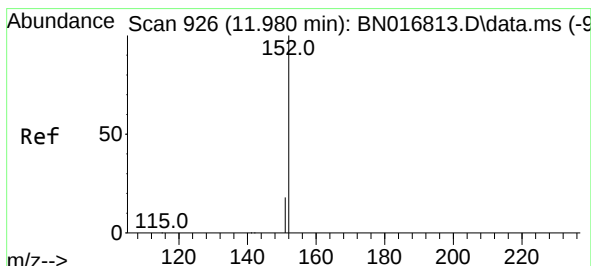
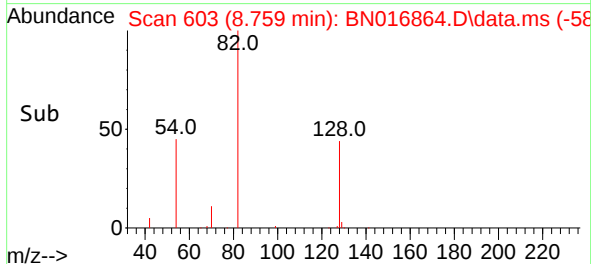
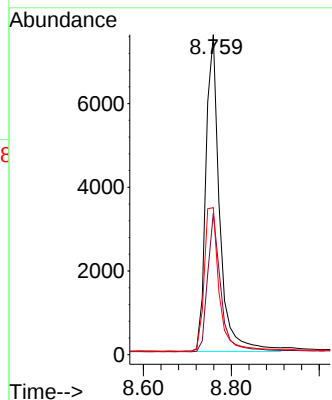
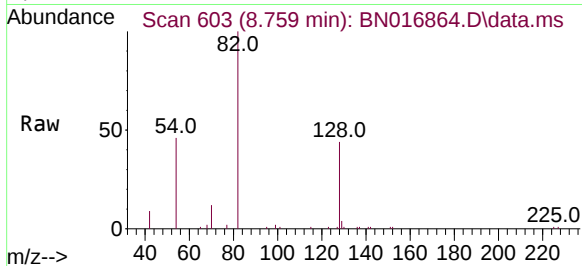




#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016864.D
Acq: 09 Oct 2021 04:25

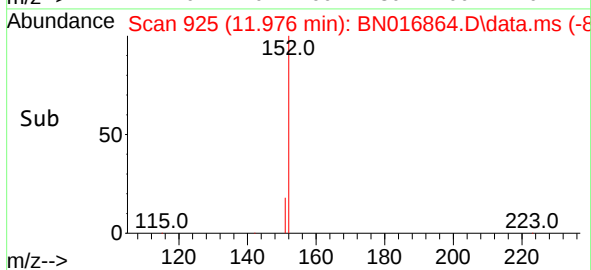
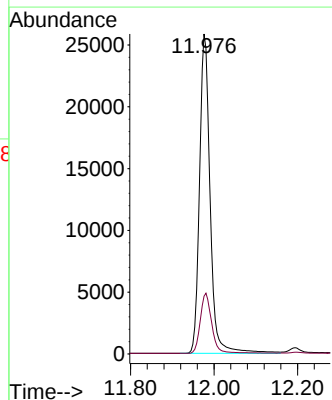
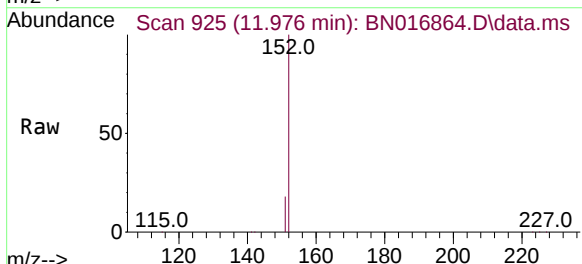
Instrument :
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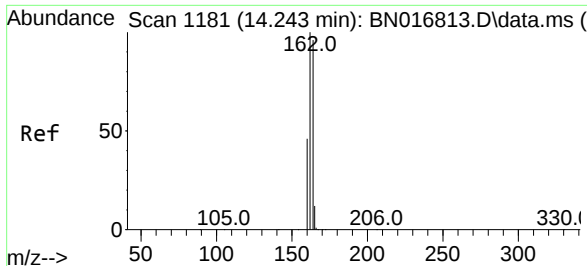
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	33.8	50.6
54	45.9	38.5	57.7



#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016864.D
Acq: 09 Oct 2021 04:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

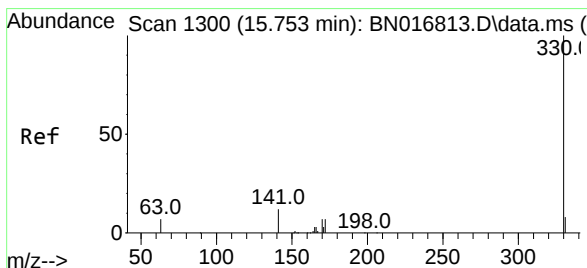
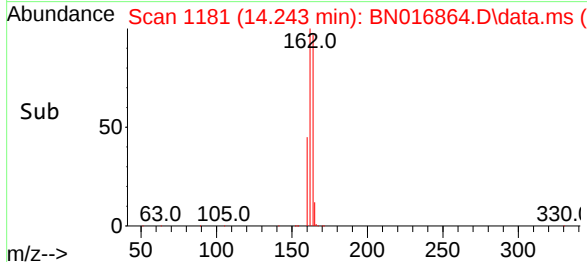
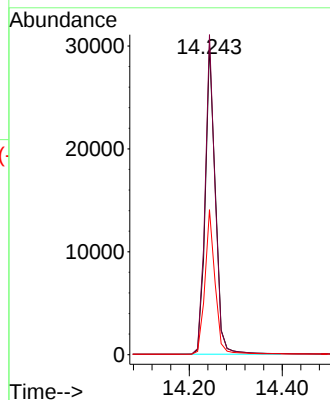
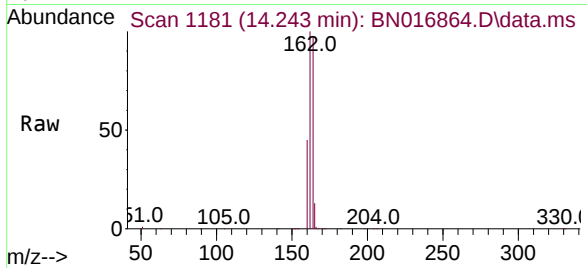




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016864.D
Acq: 09 Oct 2021 04:25

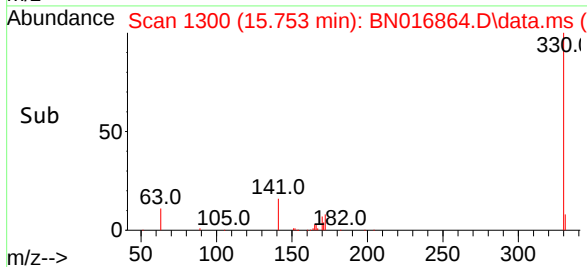
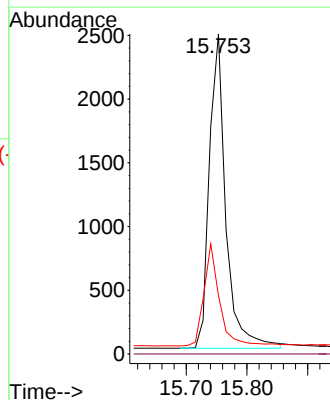
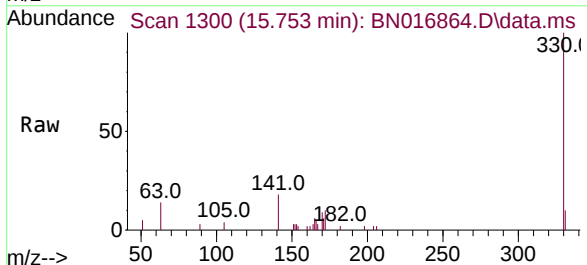
Instrument :
BNA_N
ClientSampleId :
PB139747BL

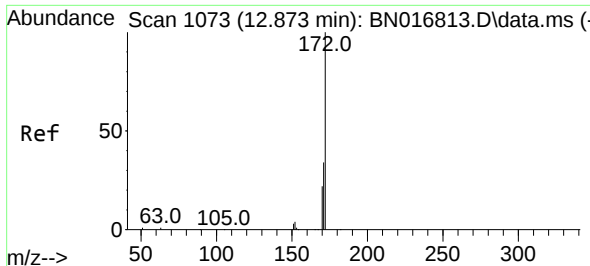
Tgt Ion:164 Resp: 45712
Ion Ratio Lower Upper
164 100
162 103.3 82.6 124.0
160 46.8 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016864.D
Acq: 09 Oct 2021 04:25

Tgt Ion:330 Resp: 4648
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.0 24.2 36.2

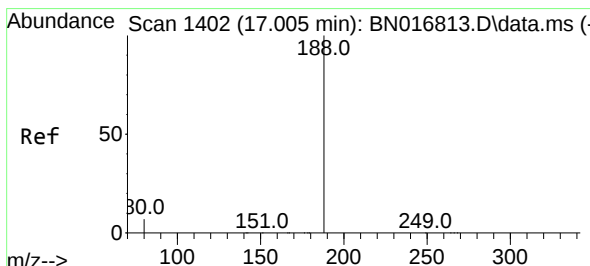
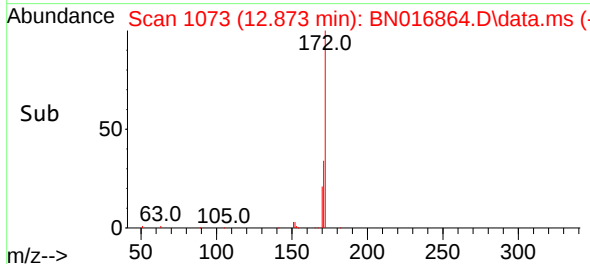
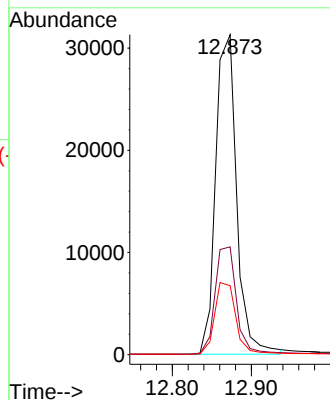
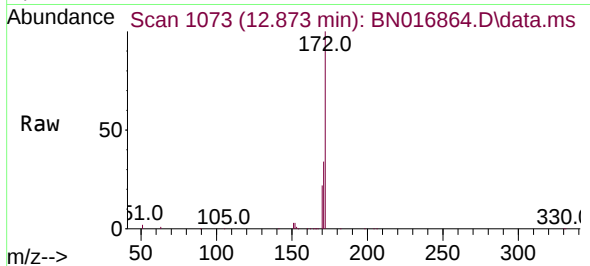




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016864.D
Acq: 09 Oct 2021 04:25

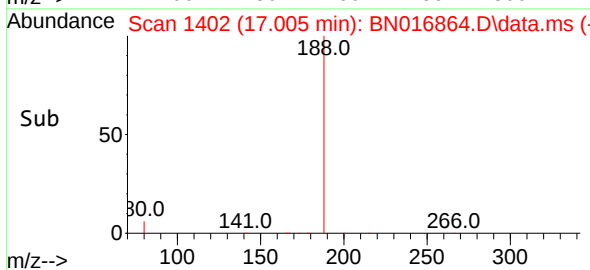
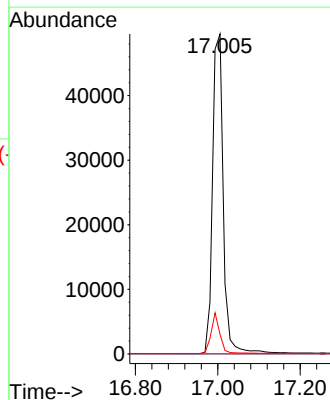
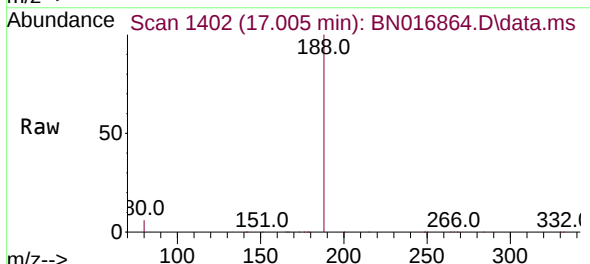
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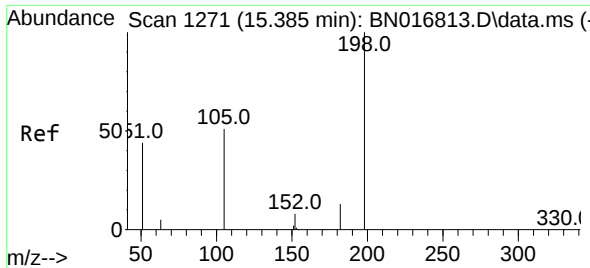
Tgt Ion:	172	Resp:	57722
Ion Ratio	Lower	Upper	
172	100		
171	33.7	26.9	40.3
170	21.5	17.4	26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN016864.D
Acq: 09 Oct 2021 04:25

Tgt Ion:	188	Resp:	89365
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.1	5.8	8.8

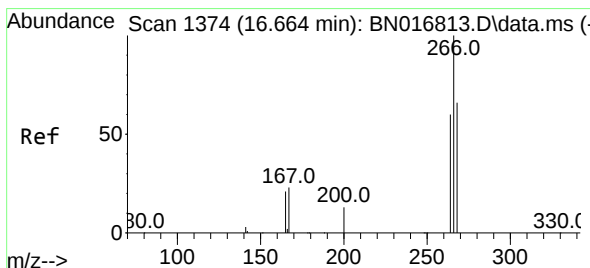
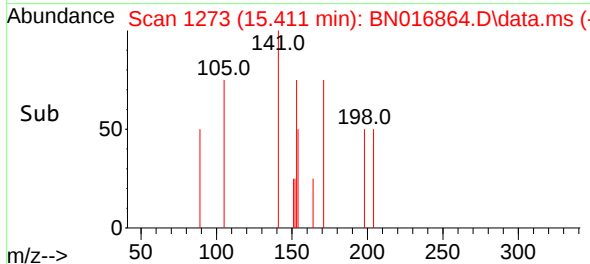
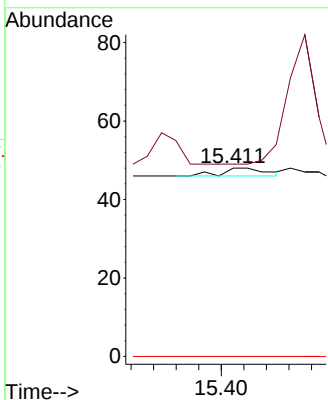
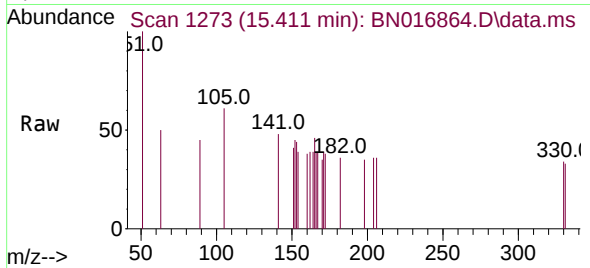




#20
4,6-Dinitro-2-methylphenol
Concen: 0.207 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.026 min
Lab File: BN016864.D
Acq: 09 Oct 2021 04:25

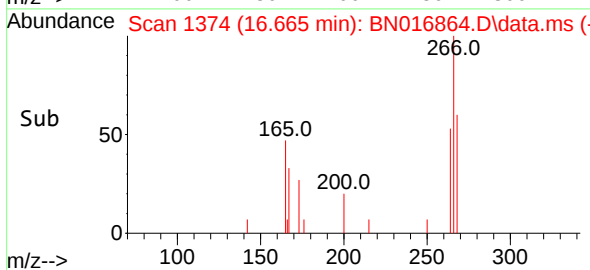
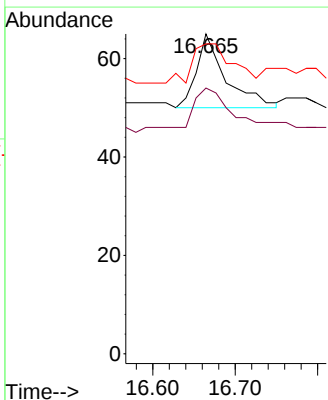
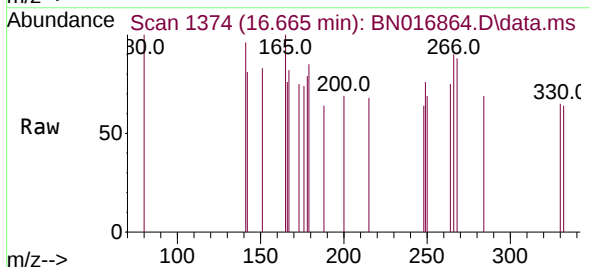
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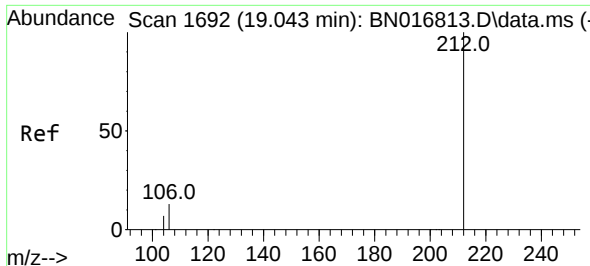
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 102.1 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.105 ng
RT: 16.665 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BN016864.D
Acq: 09 Oct 2021 04:25

Tgt Ion:266 Resp: 37
Ion Ratio Lower Upper
266 100
264 78.4 49.3 73.9#
268 73.0 51.8 77.8

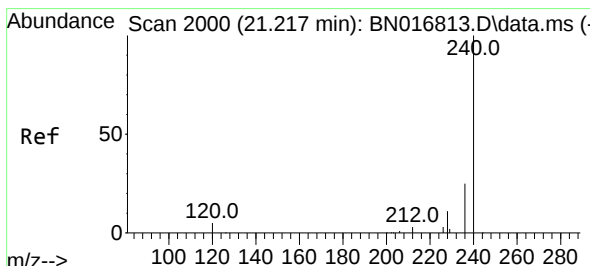
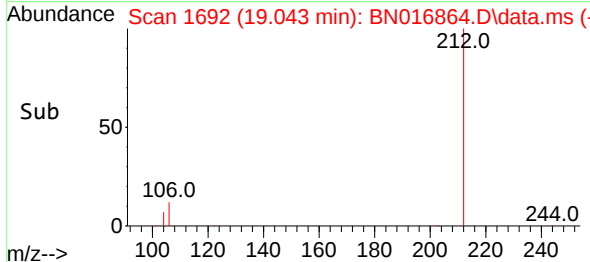
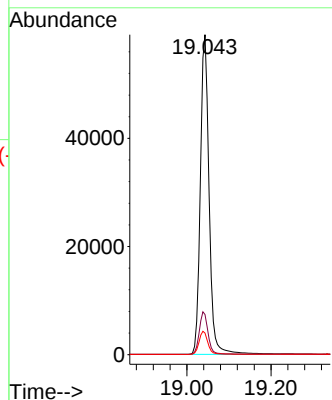
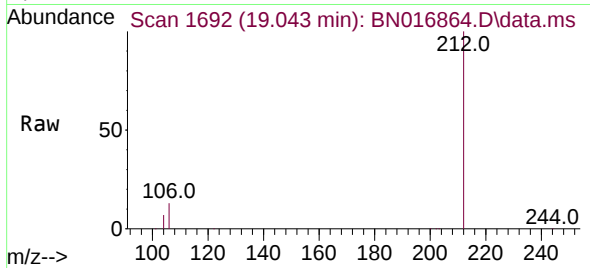




#27
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016864.D
Acq: 09 Oct 2021 04:25

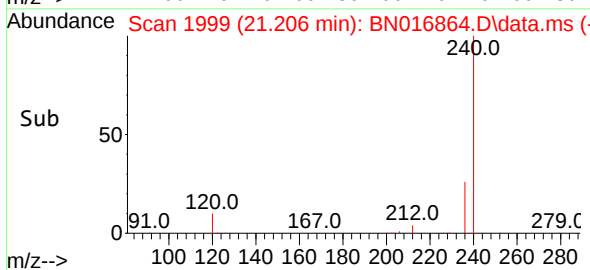
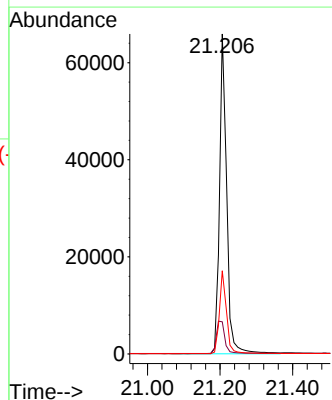
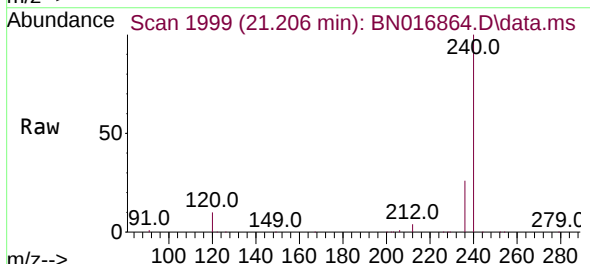
Instrument :
BNA_N
ClientSampleId :
PB139747BL

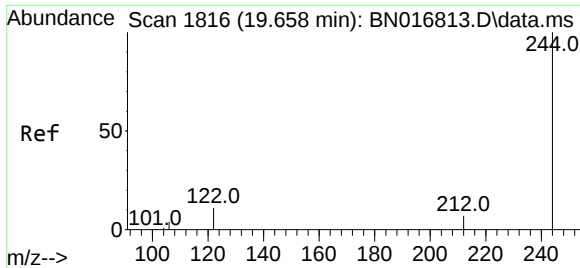
Tgt Ion:212 Resp: 85732
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.2 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BN016864.D
Acq: 09 Oct 2021 04:25

Tgt Ion:240 Resp: 90222
Ion Ratio Lower Upper
240 100
120 10.1 6.6 10.0#
236 26.0 20.7 31.1

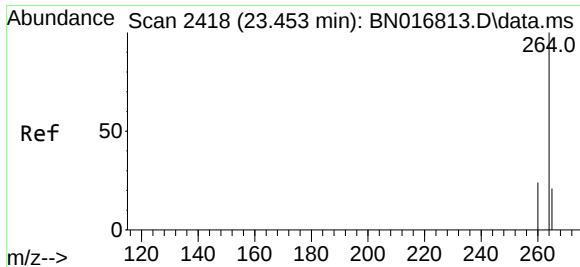
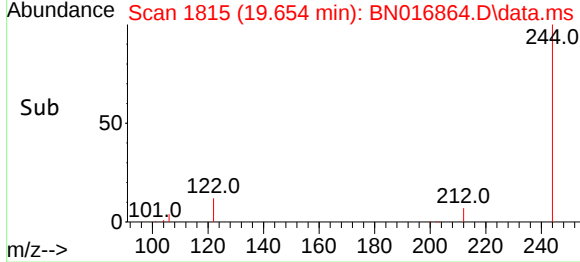
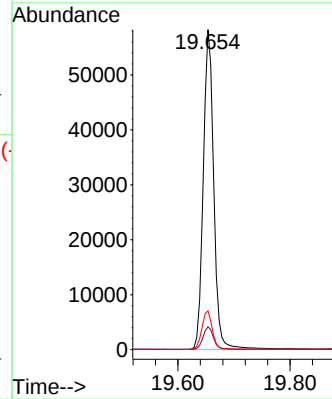
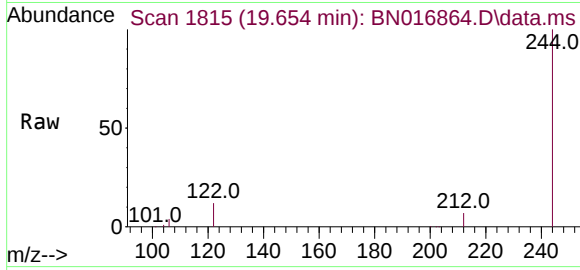




#31
 Terphenyl-d14
 Concen: 0.382 ng
 RT: 19.654 min Scan# 1815
 Delta R.T. -0.005 min
 Lab File: BN016864.D
 Acq: 09 Oct 2021 04:25

Instrument :
 BNA_N
 ClientSampleId :
 PB139747BL

Tgt Ion:244 Resp: 75090
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 12.1 8.9 13.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.447 min Scan# 2416
 Delta R.T. -0.007 min
 Lab File: BN016864.D
 Acq: 09 Oct 2021 04:25

Tgt Ion:264 Resp: 95524
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 22.6 20.3 30.5

