

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
 Data File : BN016830.D
 Acq On : 08 Oct 2021 06:20
 Operator : CG/JU
 Sample : PB139541BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139541BL

Quant Time: Oct 08 07:54:55 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 01:39:08 2021
 Response via : Initial Calibration

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

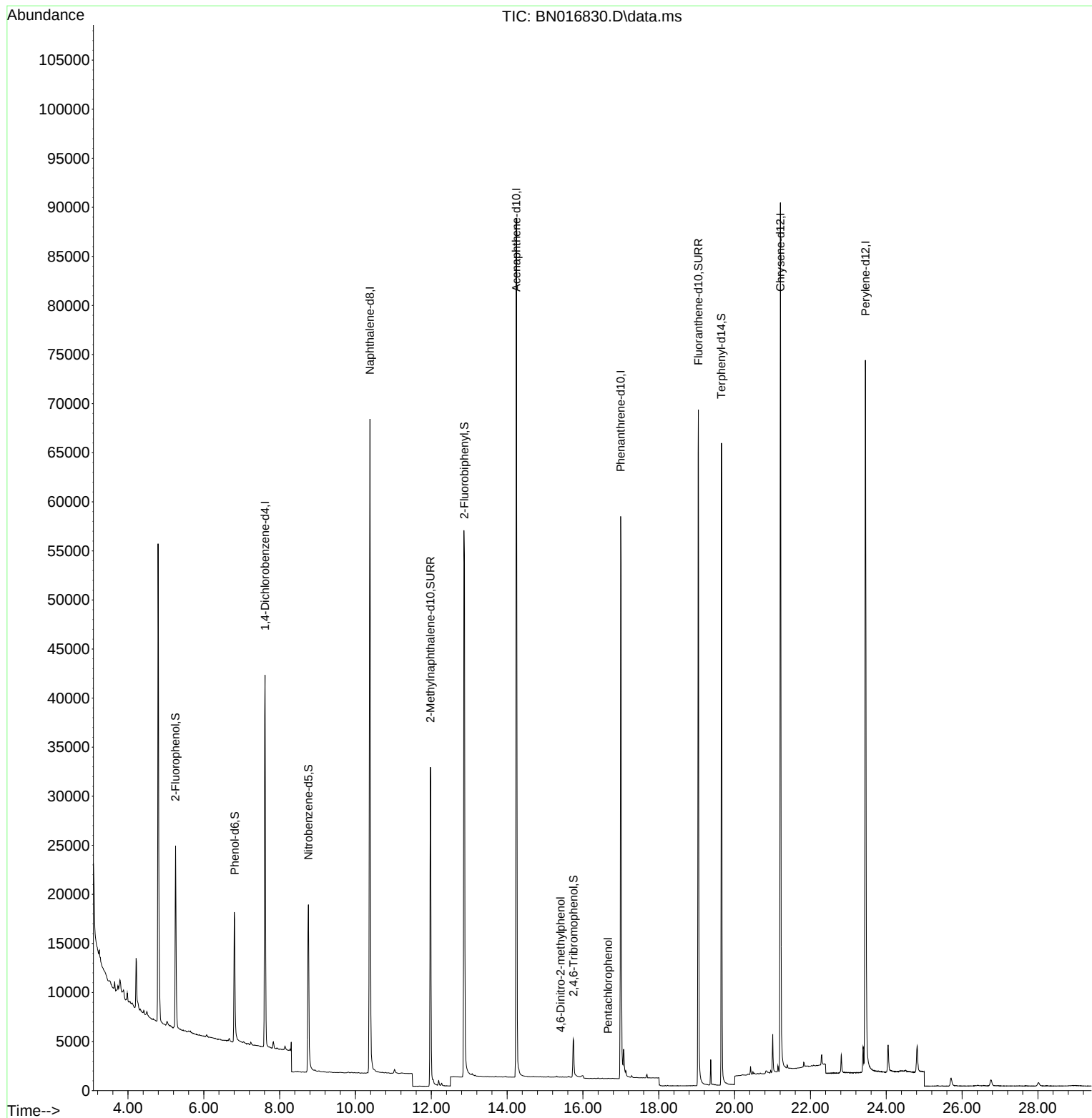
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	21261	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	95926	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	49859	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	92891	0.400	ng	#-0.01
29) Chrysene-d12	21.206	240	90779	0.400	ng	#-0.01
35) Perylene-d12	23.450	264	101299	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	17056	0.321	ng	0.03
5) Phenol-d6	6.813	99	15726	0.260	ng	0.02
8) Nitrobenzene-d5	8.759	82	17545	0.261	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	47950	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	4387	0.170	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	60134	0.299	ng	0.00
27) Fluoranthene-d10	19.043	212	82077	0.318	ng	0.00
31) Terphenyl-d14	19.654	244	69388	0.350	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.411	198	6	0.208	ng	# 1
24) Pentachlorophenol	16.665	266	29	0.105	ng	# 57

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

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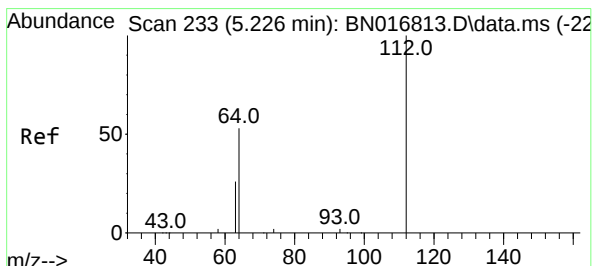
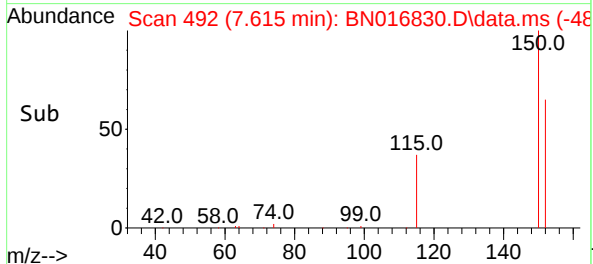
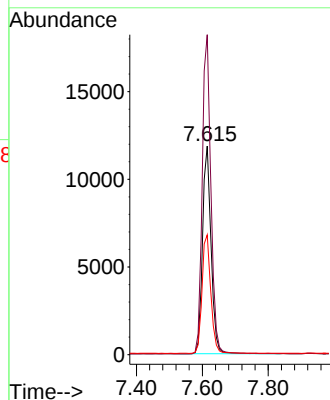
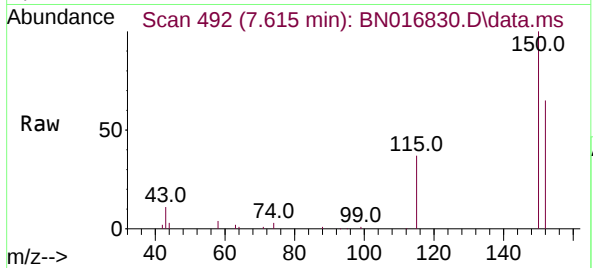




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

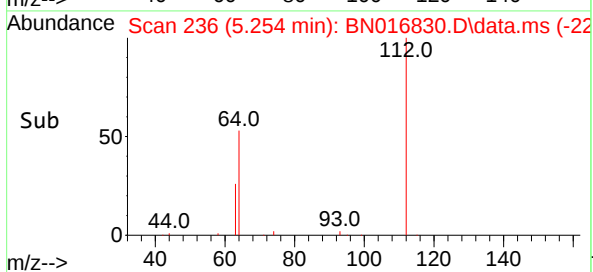
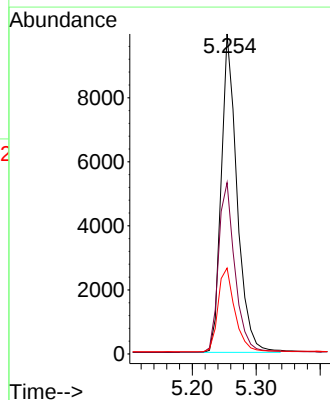
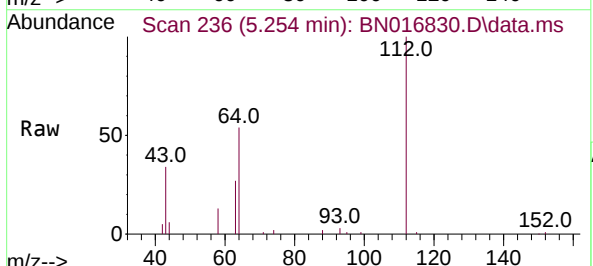
Instrument :
BNA_N
ClientSampleId :
PB139541BL

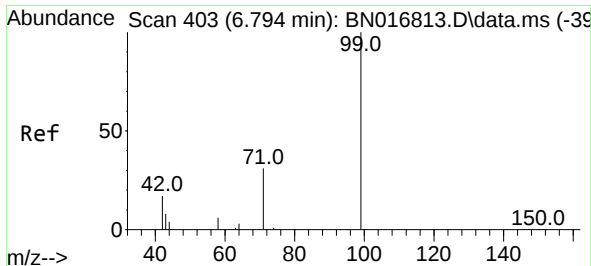
Tgt Ion:152 Resp: 21261
Ion Ratio Lower Upper
152 100
150 153.3 123.3 184.9
115 57.4 47.0 70.6



#4
2-Fluorophenol
Concen: 0.321 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.028 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

Tgt Ion:112 Resp: 17056
Ion Ratio Lower Upper
112 100
64 55.0 42.9 64.3
63 27.8 21.5 32.3

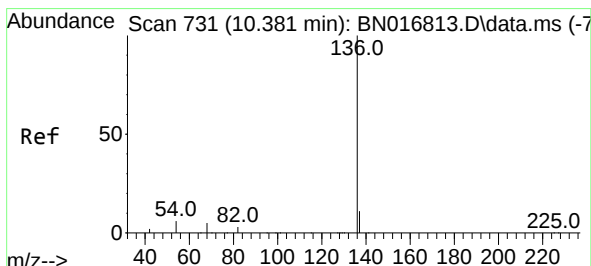
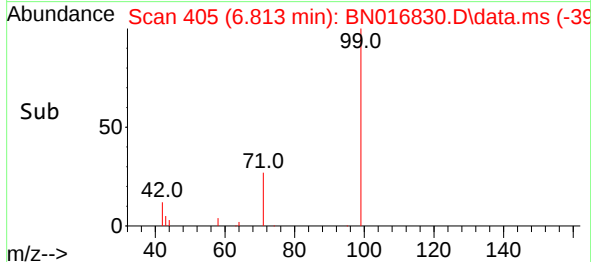
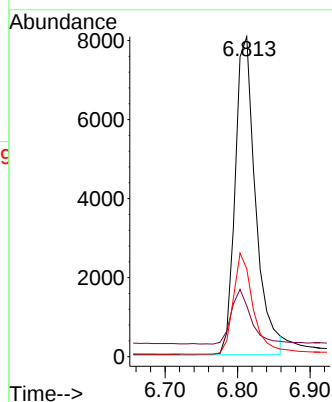
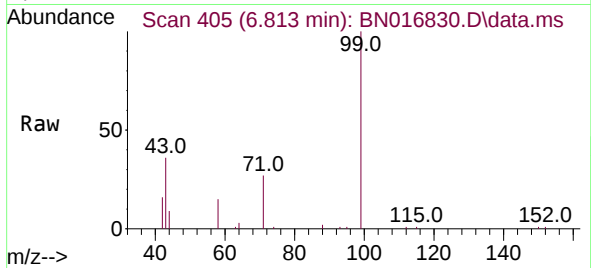




#5
Phenol-d6
Concen: 0.260 ng
RT: 6.813 min Scan# 405
Delta R.T. 0.019 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

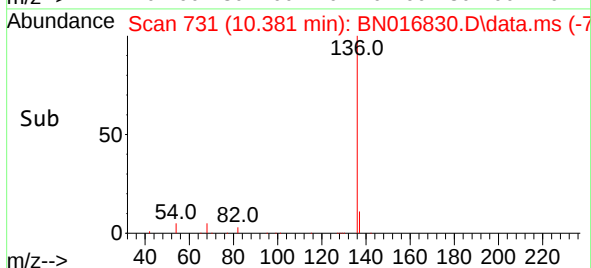
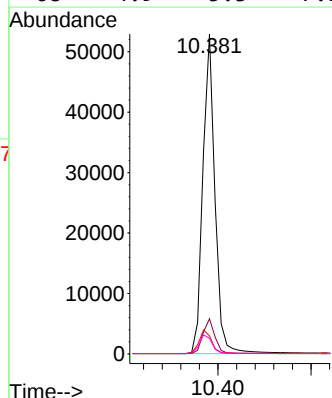
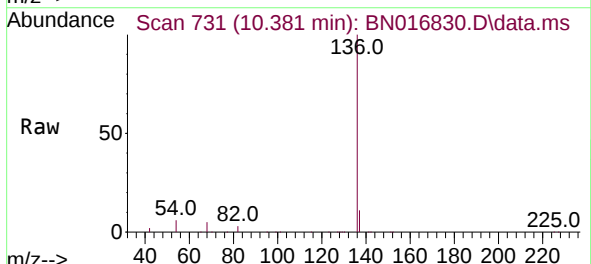
Instrument :
BNA_N
ClientSampleId :
PB139541BL

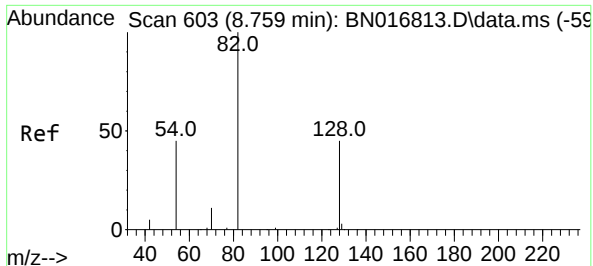
Tgt Ion: 99 Resp: 15726
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.2
71 30.8 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

Tgt Ion:136 Resp: 95926
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 5.6 6.5 9.7#
68 4.9 5.3 7.9#

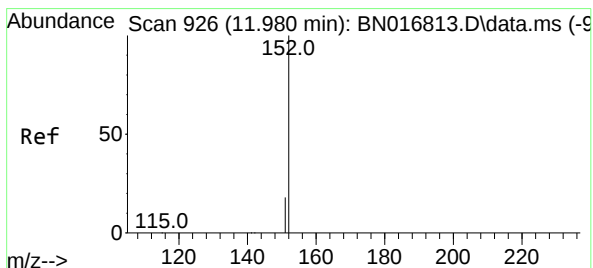
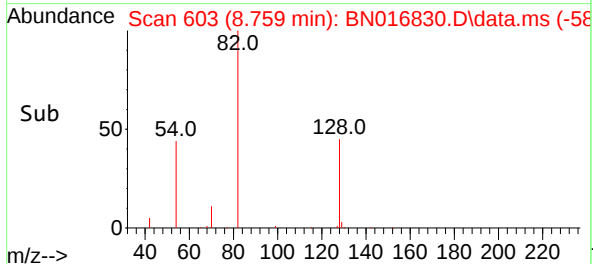
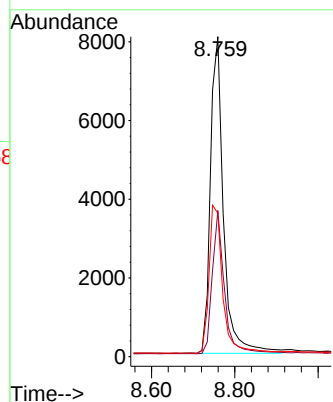
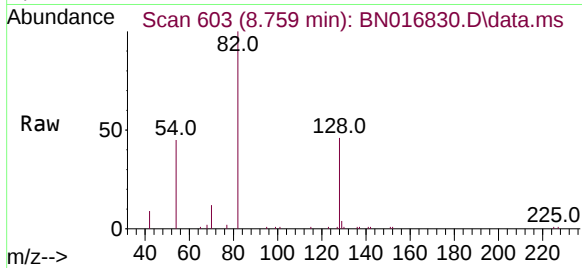




#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

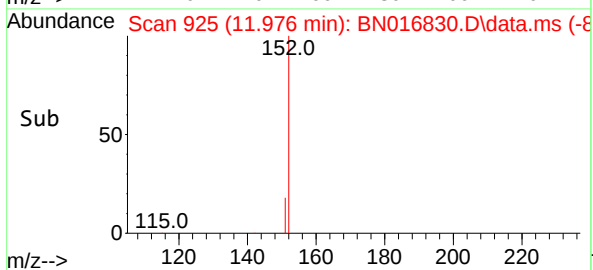
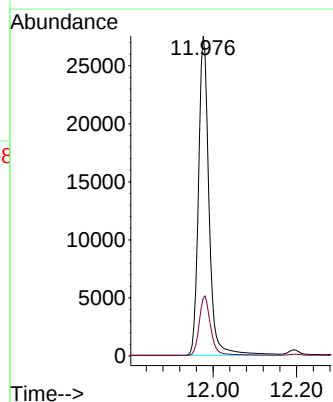
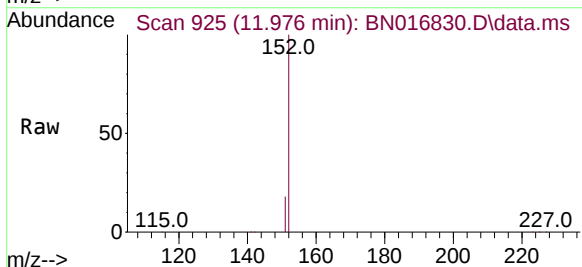
Instrument :
BNA_N
ClientSampleId :
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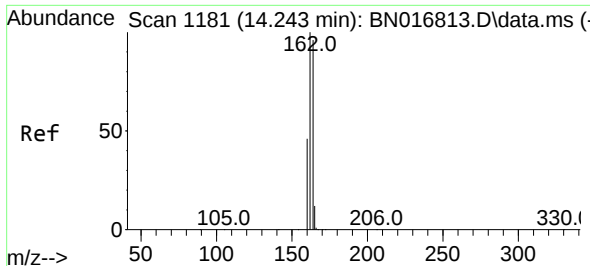
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	33.8	50.6
54	44.8	38.5	57.7



#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

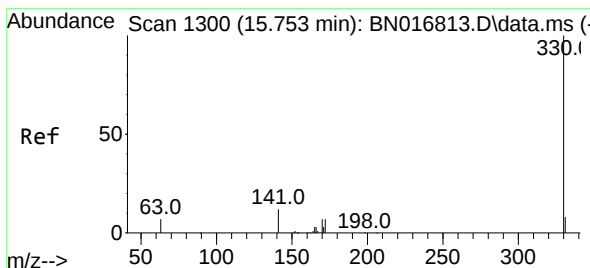
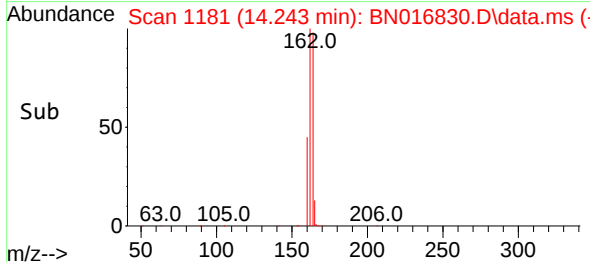
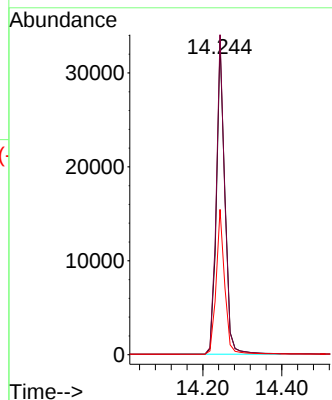
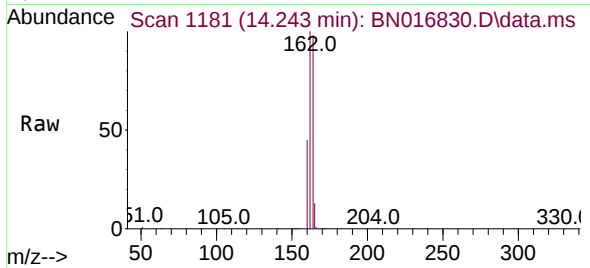




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

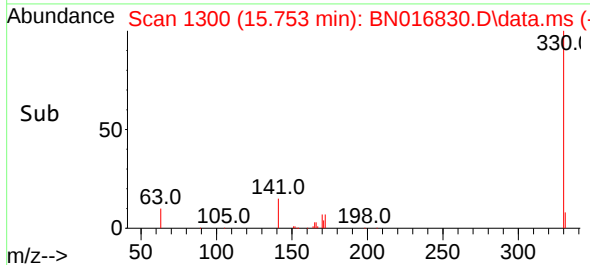
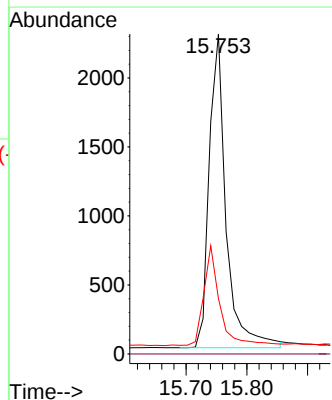
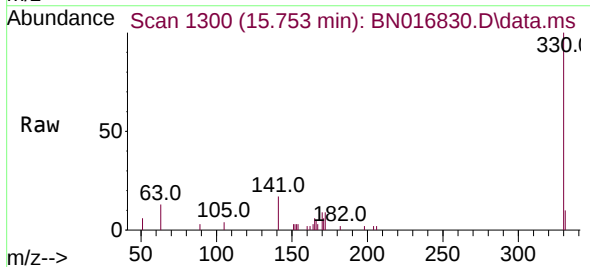
Instrument :
BNA_N
ClientSampleId :
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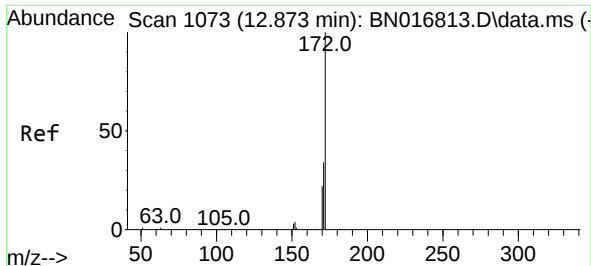
Tgt Ion:164 Resp: 49859
Ion Ratio Lower Upper
164 100
162 102.6 82.6 124.0
160 46.6 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.170 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

Tgt Ion:330 Resp: 4387
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.7 24.2 36.2

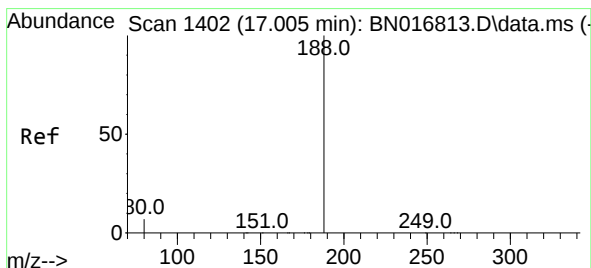
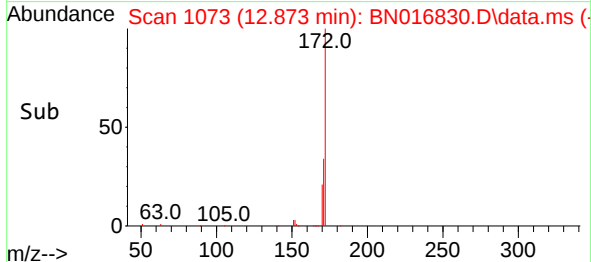
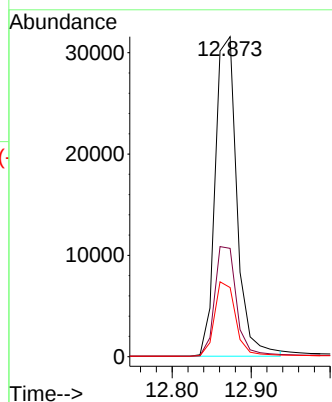
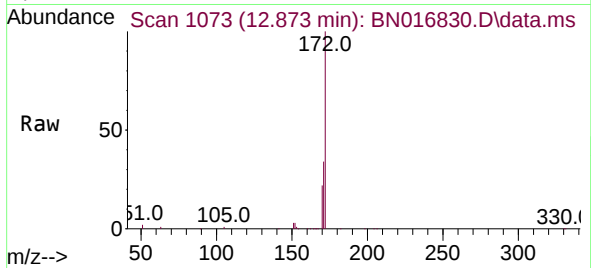




#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

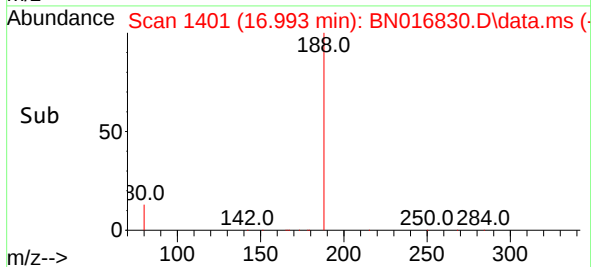
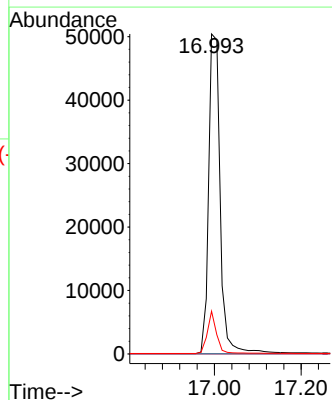
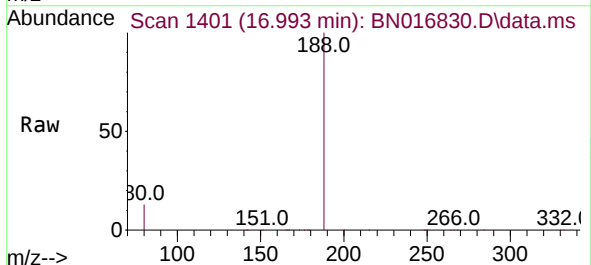
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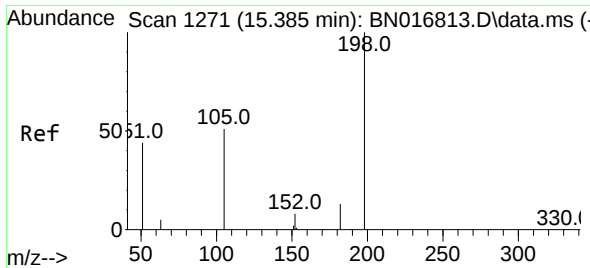
Tgt Ion:172 Resp: 60134
Ion Ratio Lower Upper
172 100
171 33.8 26.9 40.3
170 21.6 17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

Tgt Ion:188 Resp: 92891
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 5.8 8.8#

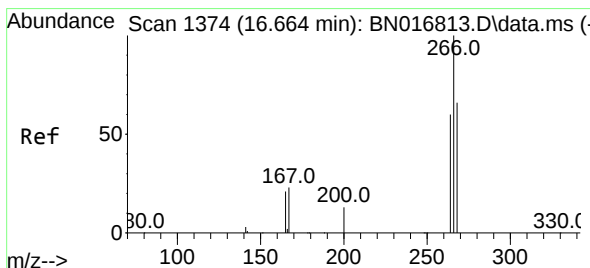
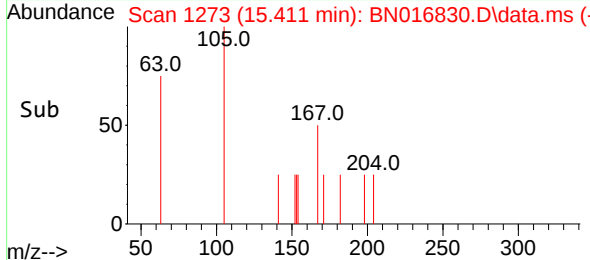
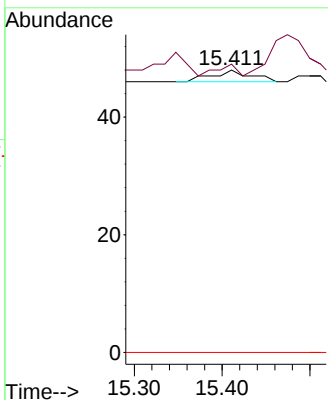
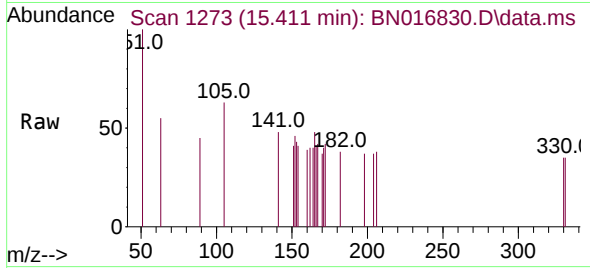




#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.026 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

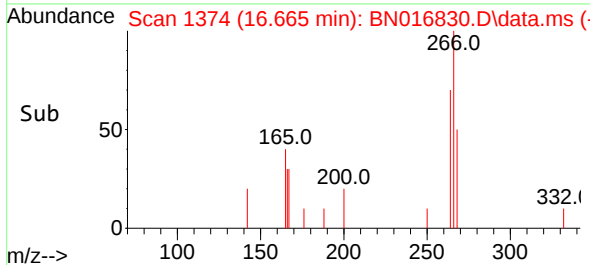
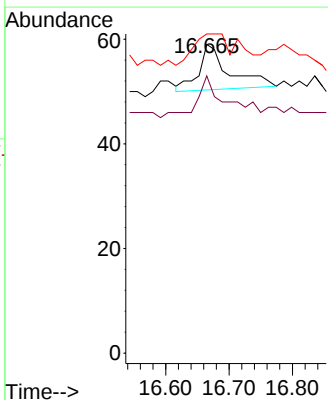
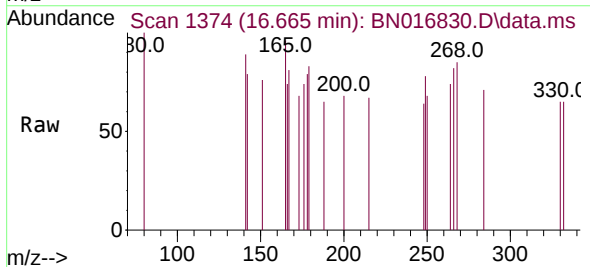
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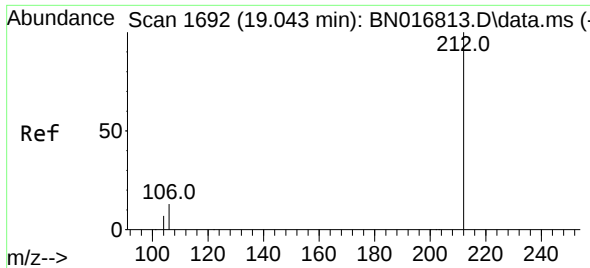
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 102.1 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.105 ng
RT: 16.665 min Scan# 1374
Delta R.T. 0.001 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

Tgt Ion:266 Resp: 29
Ion Ratio Lower Upper
266 100
264 93.1 49.3 73.9#
268 100.0 51.8 77.8#

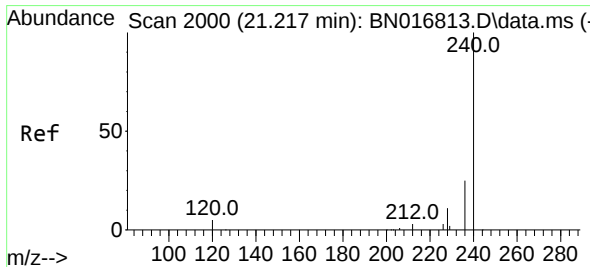
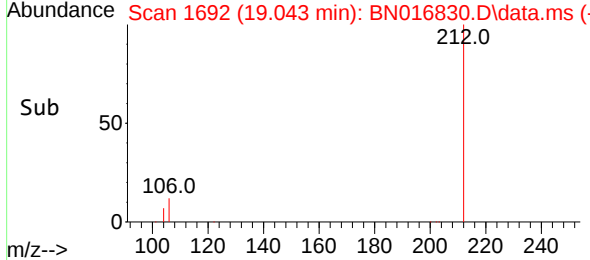
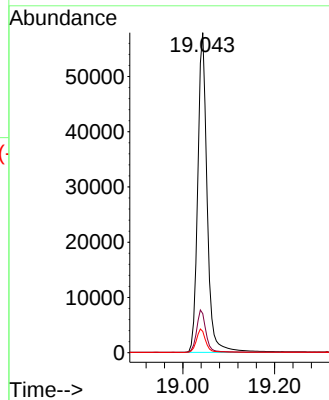
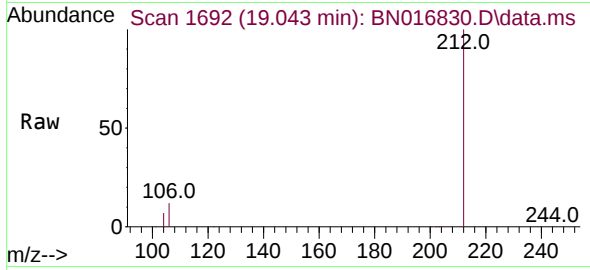




#27
Fluoranthene-d10
Concen: 0.318 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

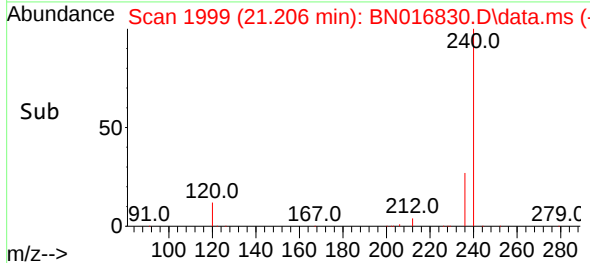
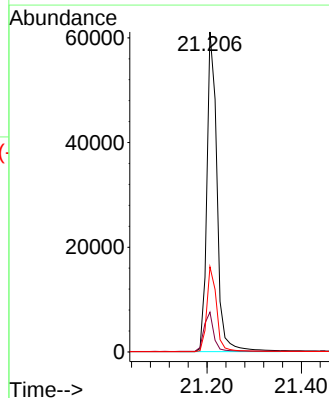
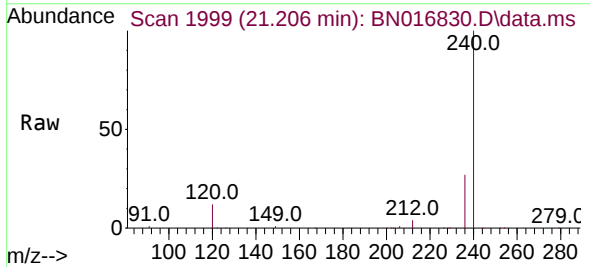
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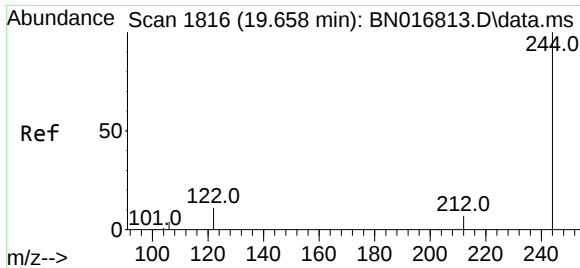
Tgt Ion:212 Resp: 82077
Ion Ratio Lower Upper
212 100
106 13.2 10.6 16.0
104 7.2 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.010 min
Lab File: BN016830.D
Acq: 08 Oct 2021 06:20

Tgt Ion:240 Resp: 90779
Ion Ratio Lower Upper
240 100
120 12.4 6.6 10.0#
236 26.6 20.7 31.1

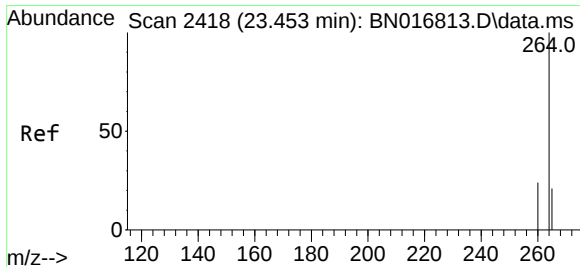
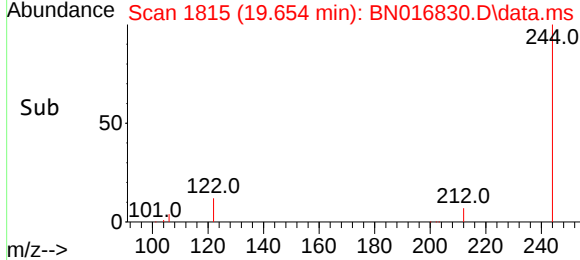
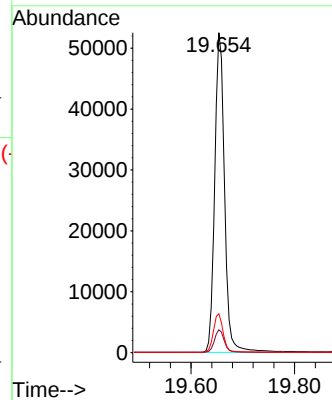
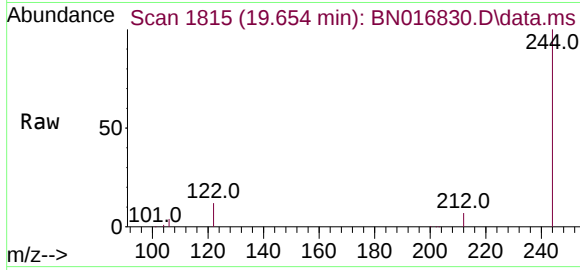




#31
 Terphenyl-d14
 Concen: 0.350 ng
 RT: 19.654 min Scan# 1815
 Delta R.T. -0.005 min
 Lab File: BN016830.D
 Acq: 08 Oct 2021 06:20

Instrument :
 BNA_N
 ClientSampleId :
 PB139541BL

Tgt Ion:244	Resp:	69388
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.8 8.6
122	12.1	8.9 13.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.450 min Scan# 2417
 Delta R.T. -0.003 min
 Lab File: BN016830.D
 Acq: 08 Oct 2021 06:20

Tgt Ion:264	Resp:	101299
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.8 29.6
265	23.2	20.3 30.5

