

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
 Data File : BN016819.D
 Acq On : 07 Oct 2021 21:53
 Operator : CG/JU
 Sample : PB139657BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139657BL

Quant Time: Oct 08 01:44:15 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

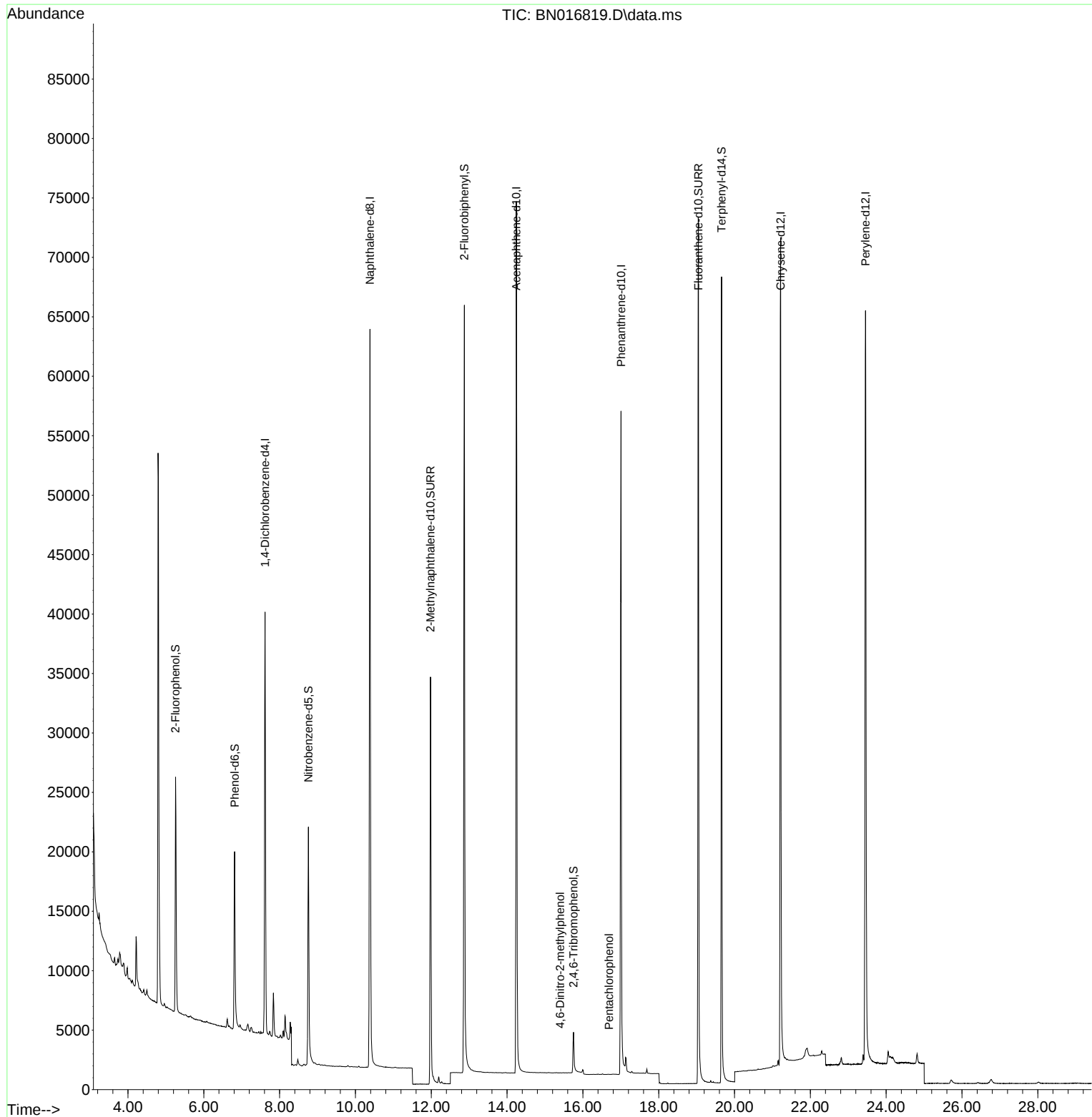
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	19535	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	88173	0.400	ng	0.00
13) Acenaphthene-d10	14.243	164	45790	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	85977	0.400	ng	0.00
29) Chrysene-d12	21.217	240	81207	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	90215	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	18833	0.386	ng	0.03
5) Phenol-d6	6.813	99	17267	0.311	ng	0.02
8) Nitrobenzene-d5	8.759	82	19565	0.317	ng	0.00
11) 2-Methylnaphthalene-d10	11.981	152	51645	0.393	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	3888	0.164	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	63876	0.346	ng	0.00
27) Fluoranthene-d10	19.043	212	91361	0.383	ng	0.00
31) Terphenyl-d14	19.659	244	73448	0.415	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.398	198	3	0.207	ng	# 1
24) Pentachlorophenol	16.689	266	13	0.104	ng	# 1

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

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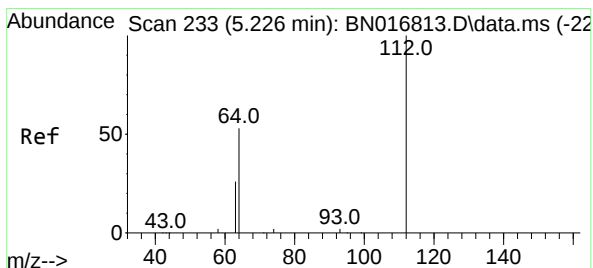
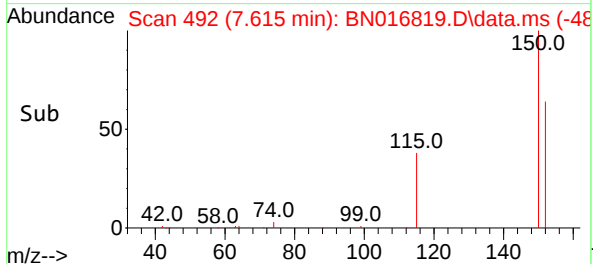
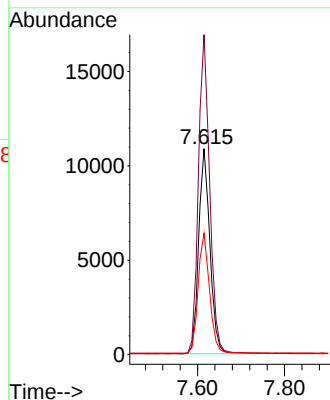
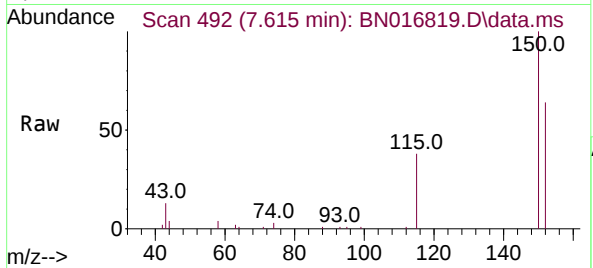




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

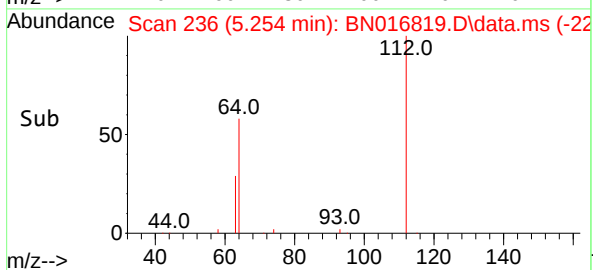
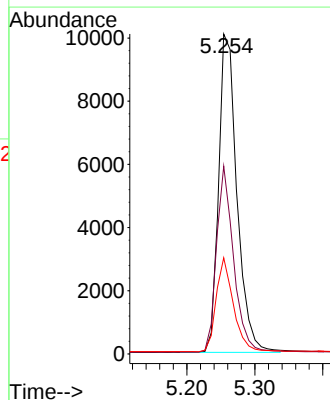
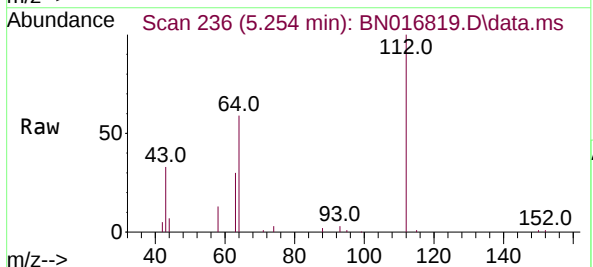
Instrument :
BNA_N
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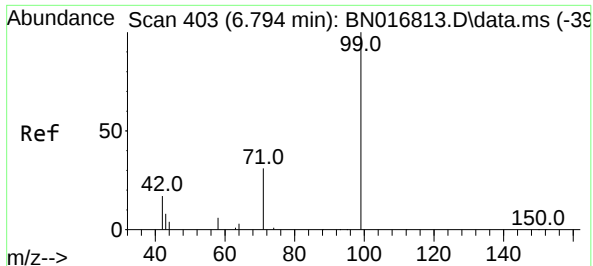
Tgt Ion:152 Resp: 19535
Ion Ratio Lower Upper
152 100
150 155.3 123.3 184.9
115 59.0 47.0 70.6



#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.028 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

Tgt Ion:112 Resp: 18833
Ion Ratio Lower Upper
112 100
64 54.4 42.9 64.3
63 27.6 21.5 32.3

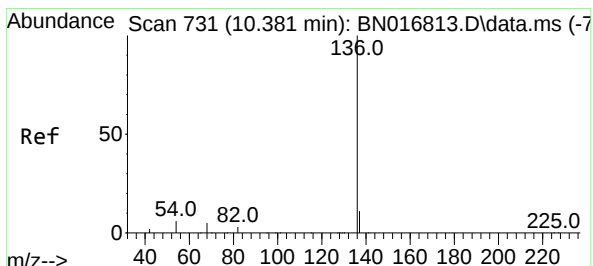
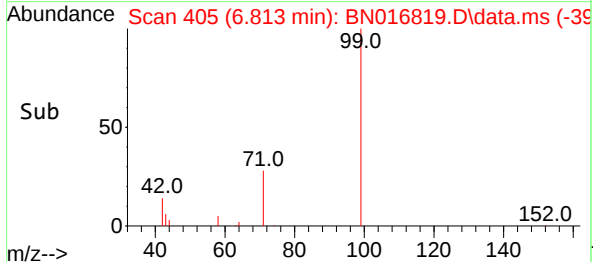
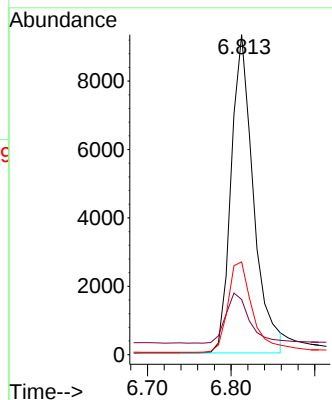
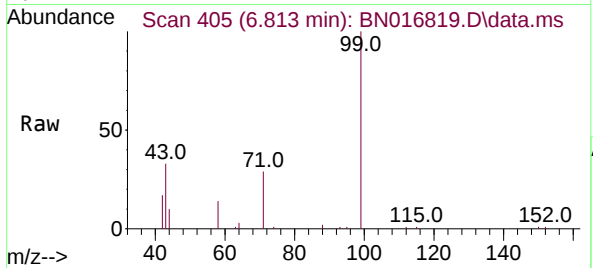




#5
Phenol-d6
Concen: 0.311 ng
RT: 6.813 min Scan# 405
Delta R.T. 0.019 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

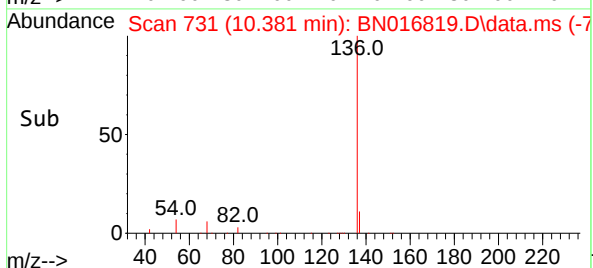
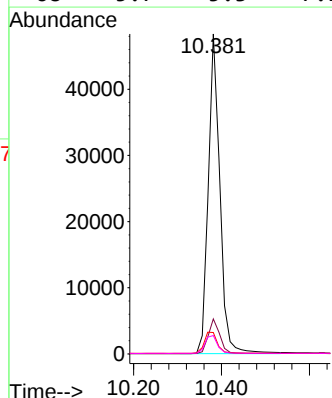
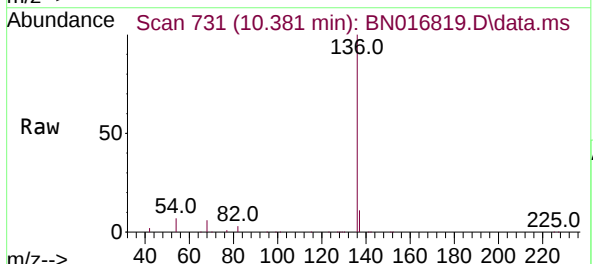
Instrument :
BNA_N
ClientSampleId :
PB139657BL

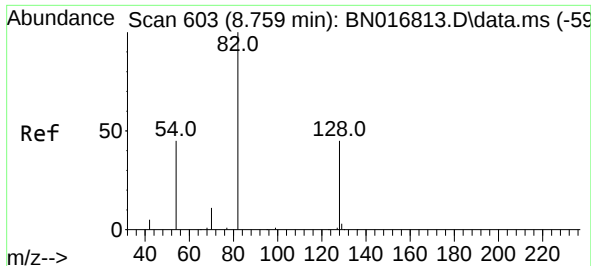
Tgt Ion: 99 Resp: 17267
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.2
71 31.2 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

Tgt Ion: 136 Resp: 88173
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.7 6.5 9.7
68 5.7 5.3 7.9

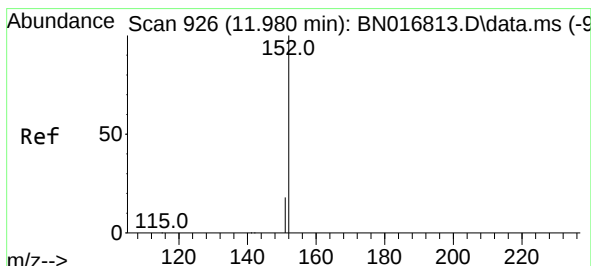
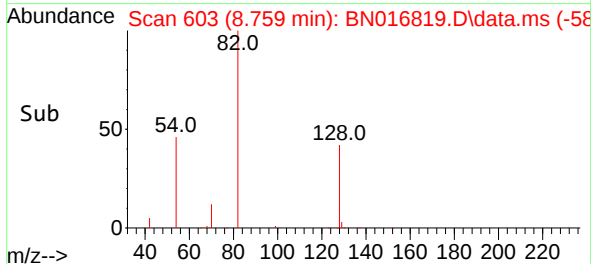
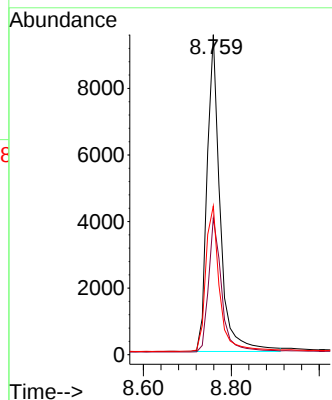
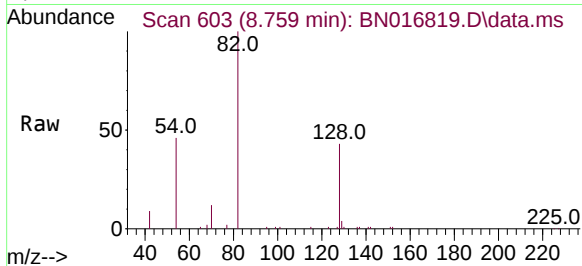




#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

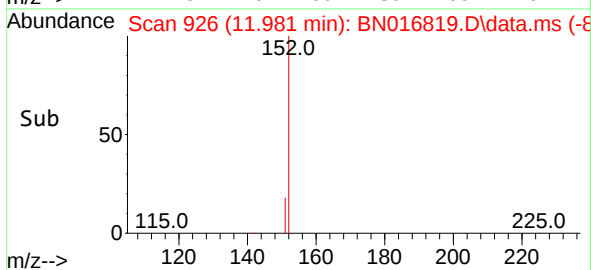
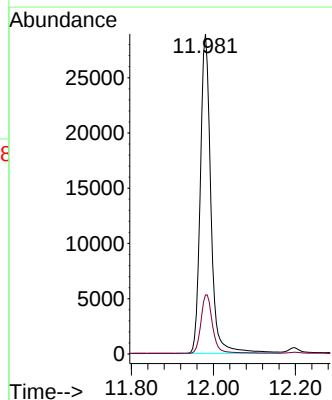
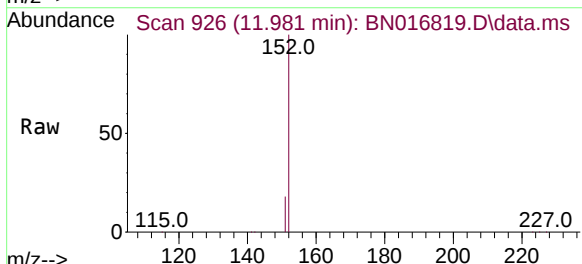
Instrument :
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ClientSampleId :
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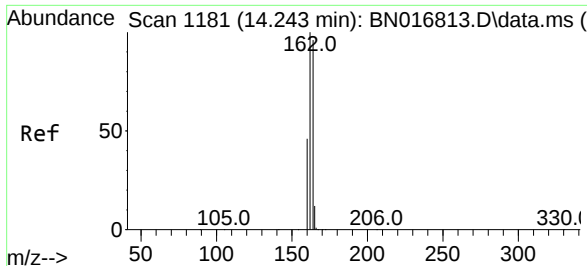
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.8	50.6
54	46.4	38.5	57.7



#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 11.981 min Scan# 926
Delta R.T. 0.000 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

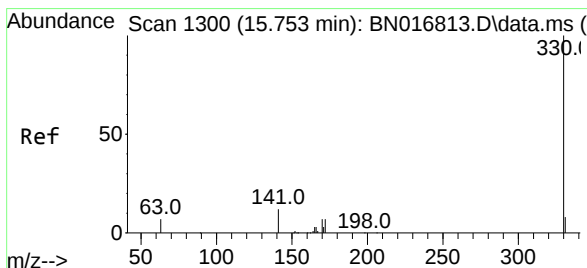
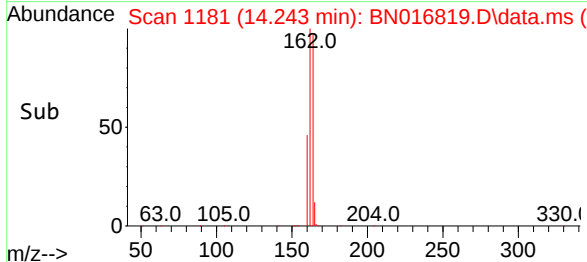
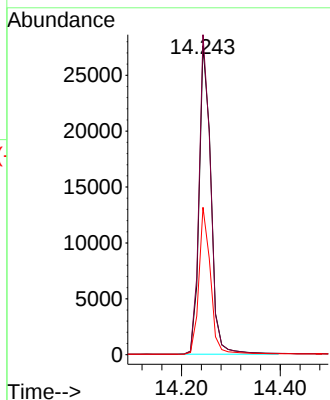
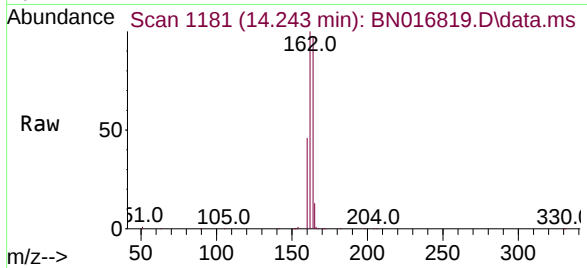




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

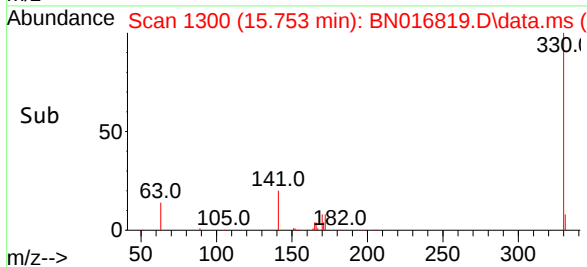
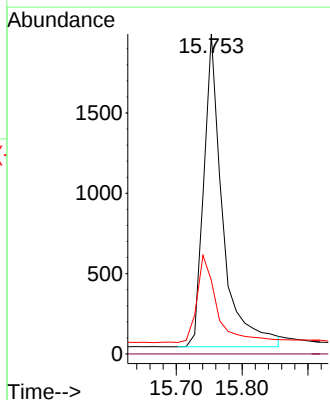
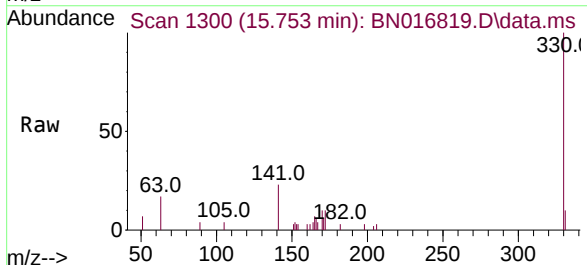
Instrument :
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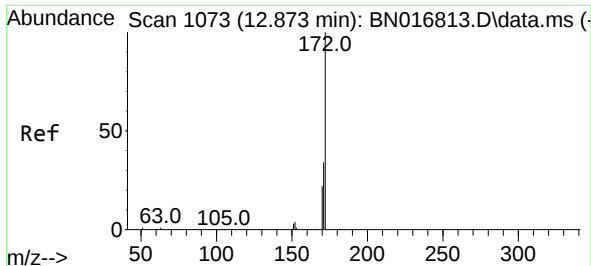
Tgt Ion:164 Resp: 45790
Ion Ratio Lower Upper
164 100
162 103.6 82.6 124.0
160 47.7 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.164 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

Tgt Ion:330 Resp: 3888
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.0 24.2 36.2

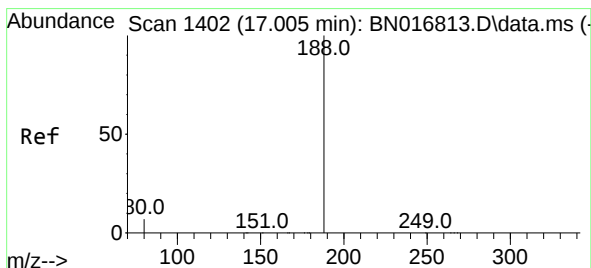
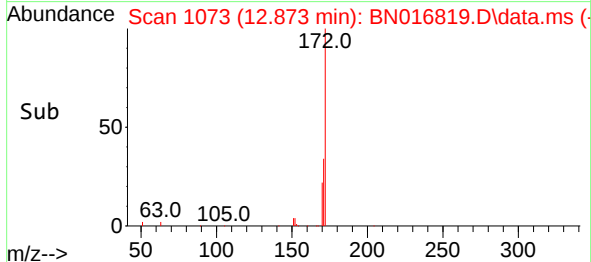
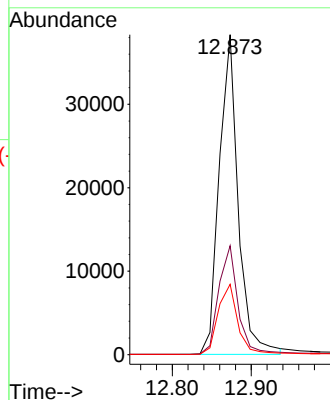
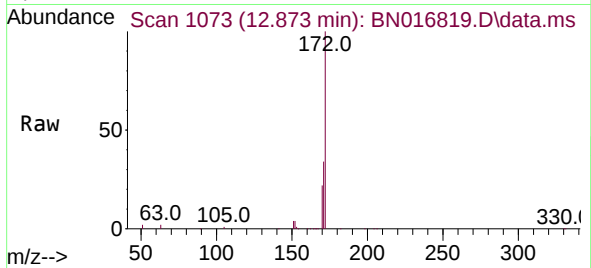




#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

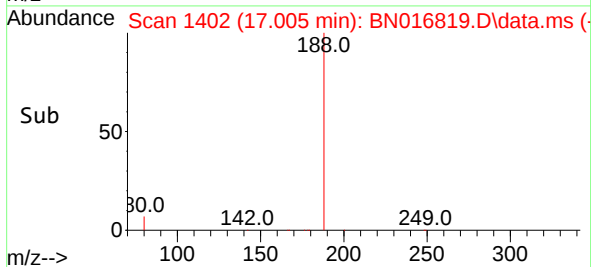
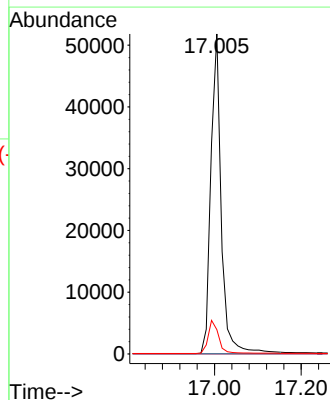
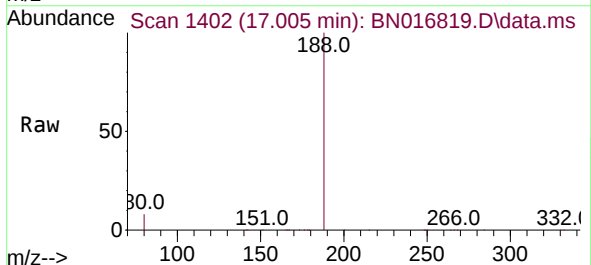
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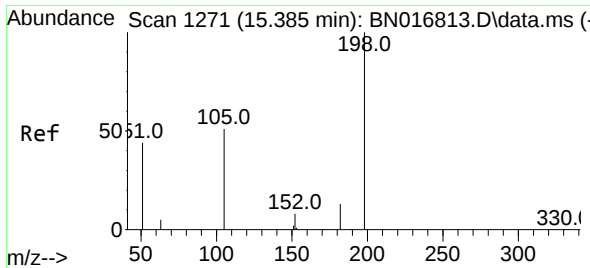
Tgt Ion:	172	Resp:	63876
Ion Ratio	Lower	Upper	
172	100		
171	34.0	26.9	40.3
170	22.0	17.4	26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

Tgt Ion:	188	Resp:	85977
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.6	5.8	8.8

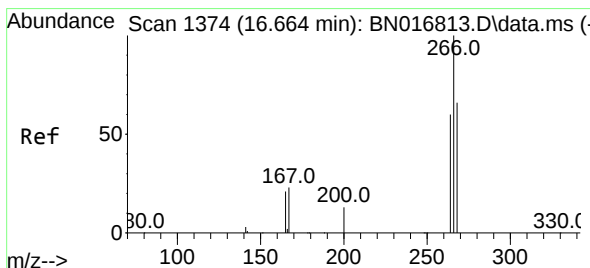
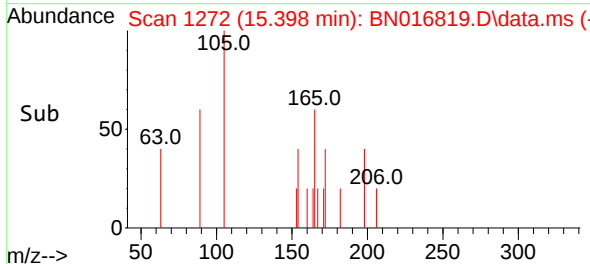
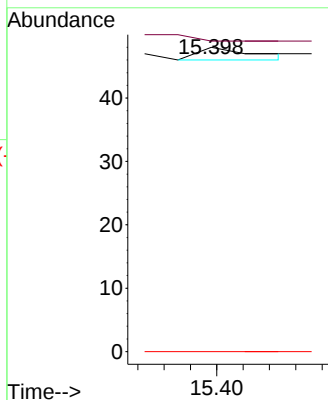
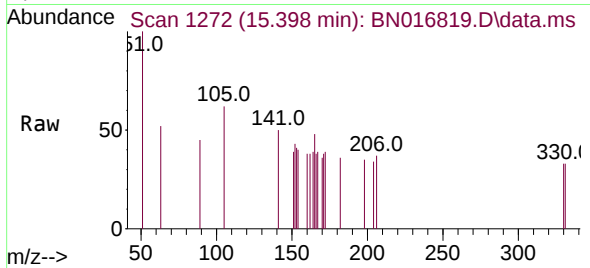




#20
4,6-Dinitro-2-methylphenol
Concen: 0.207 ng
RT: 15.398 min Scan# 1272
Delta R.T. 0.013 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

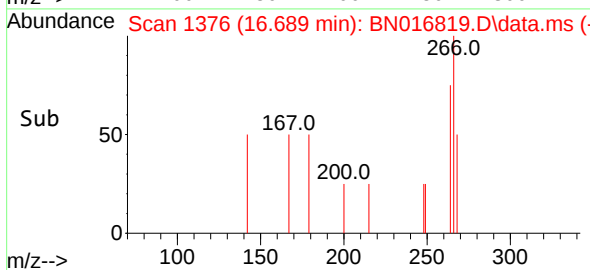
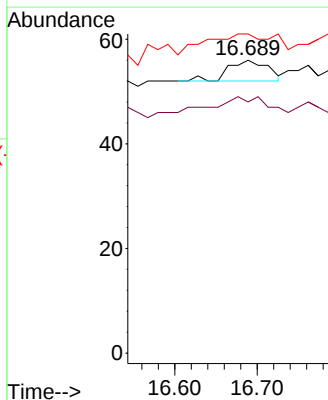
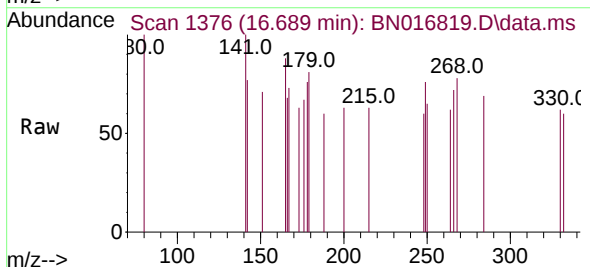
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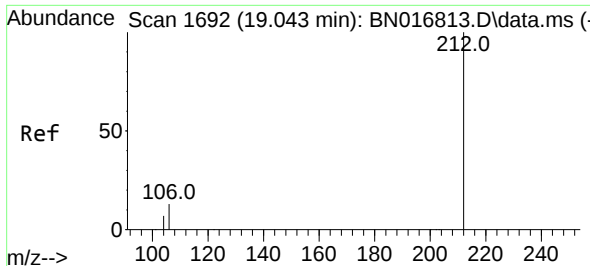
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 102.1 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.104 ng
RT: 16.689 min Scan# 1376
Delta R.T. 0.025 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

Tgt Ion:266 Resp: 13
Ion Ratio Lower Upper
266 100
264 92.3 49.3 73.9#
268 192.3 51.8 77.8#

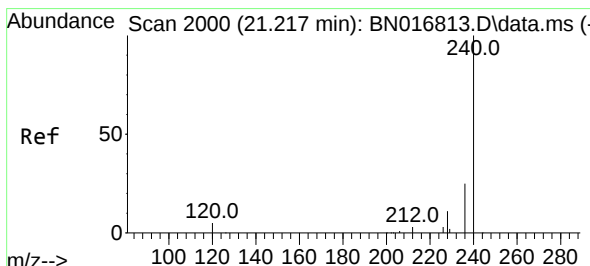
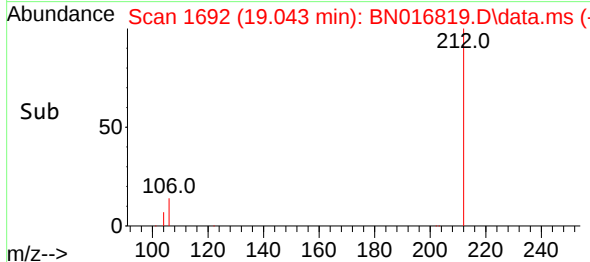
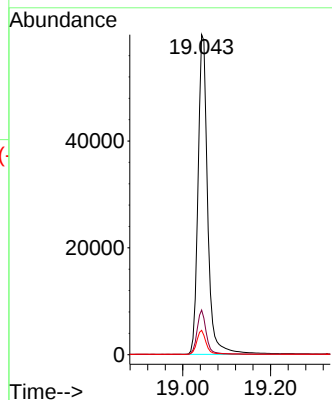
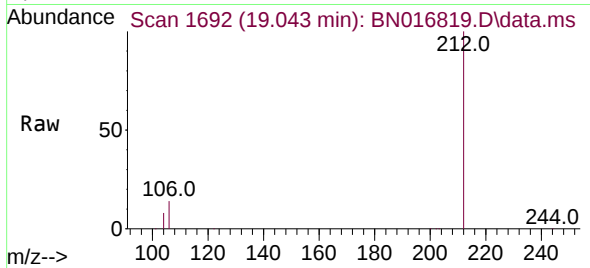




#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

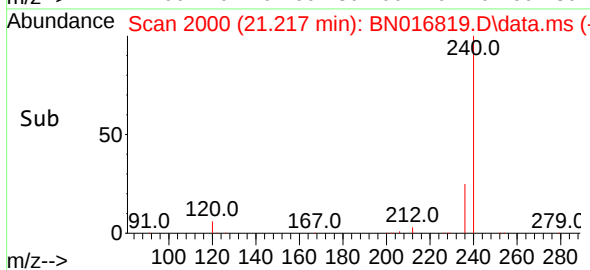
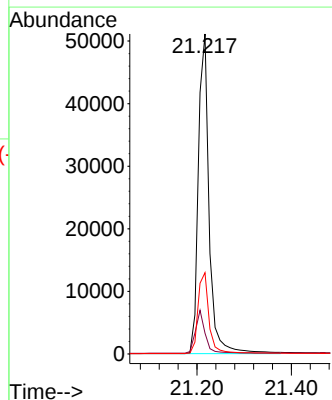
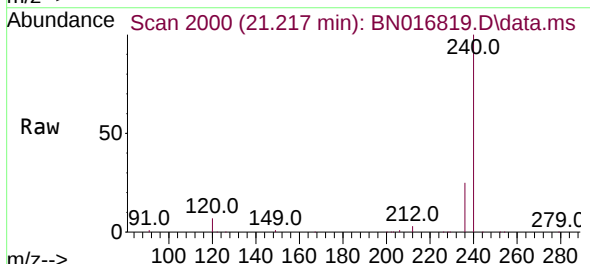
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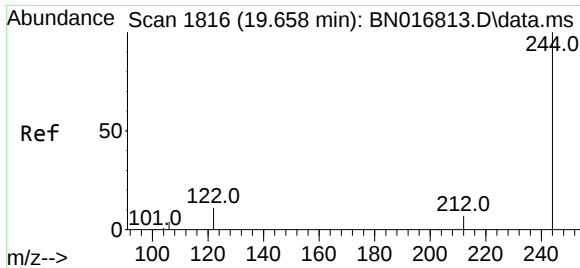
Tgt Ion:212 Resp: 91361
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.3 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016819.D
Acq: 07 Oct 2021 21:53

Tgt Ion:240 Resp: 81207
Ion Ratio Lower Upper
240 100
120 6.5 6.6 10.0#
236 25.4 20.7 31.1

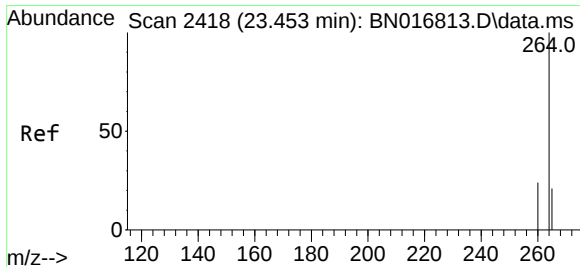
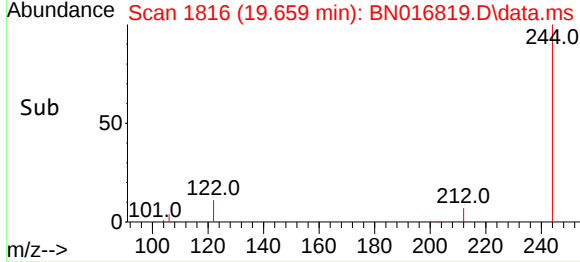
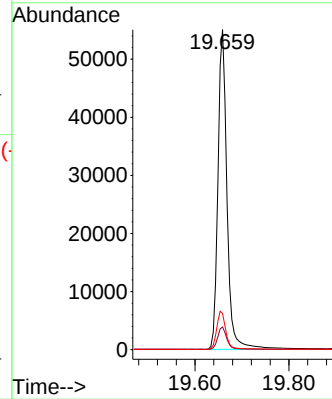
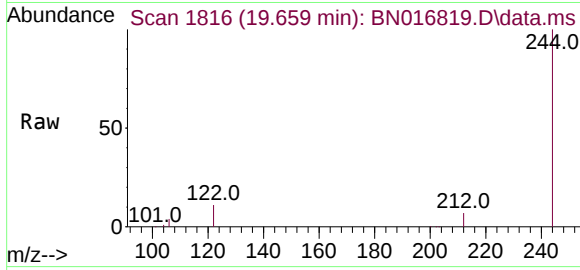




#31
 Terphenyl-d14
 Concen: 0.415 ng
 RT: 19.659 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BN016819.D
 Acq: 07 Oct 2021 21:53

Instrument :
 BNA_N
 ClientSampleId :
 PB139657BL

Tgt Ion:244 Resp: 73448
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.3 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: BN016819.D
 Acq: 07 Oct 2021 21:53

Tgt Ion:264 Resp: 90215
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 23.8 20.3 30.5

