

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016922.D
 Acq On : 13 Oct 2021 06:48
 Operator : CG/JU
 Sample : PB139783BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139783BL

Quant Time: Oct 13 07:27:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 02:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	22533	0.40	ng	0.00
7) Naphthalene-d8	10.445	136	100774	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	50442	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	94724	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	92224	0.40	ng	0.00
35) Perylene-d12	23.471	264	95393	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.328	112	21798	0.43	ng	0.04
5) Phenol-d6	6.886	99	19957	0.35	ng	0.02
8) Nitrobenzene-d5	8.822	82	22848	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	58390	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4398	0.19	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	73443	0.38	ng	0.00
27) Fluoranthene-d10	19.068	212	103132	0.43	ng	0.00
31) Terphenyl-d14	19.678	244	85828	0.42	ng	0.00

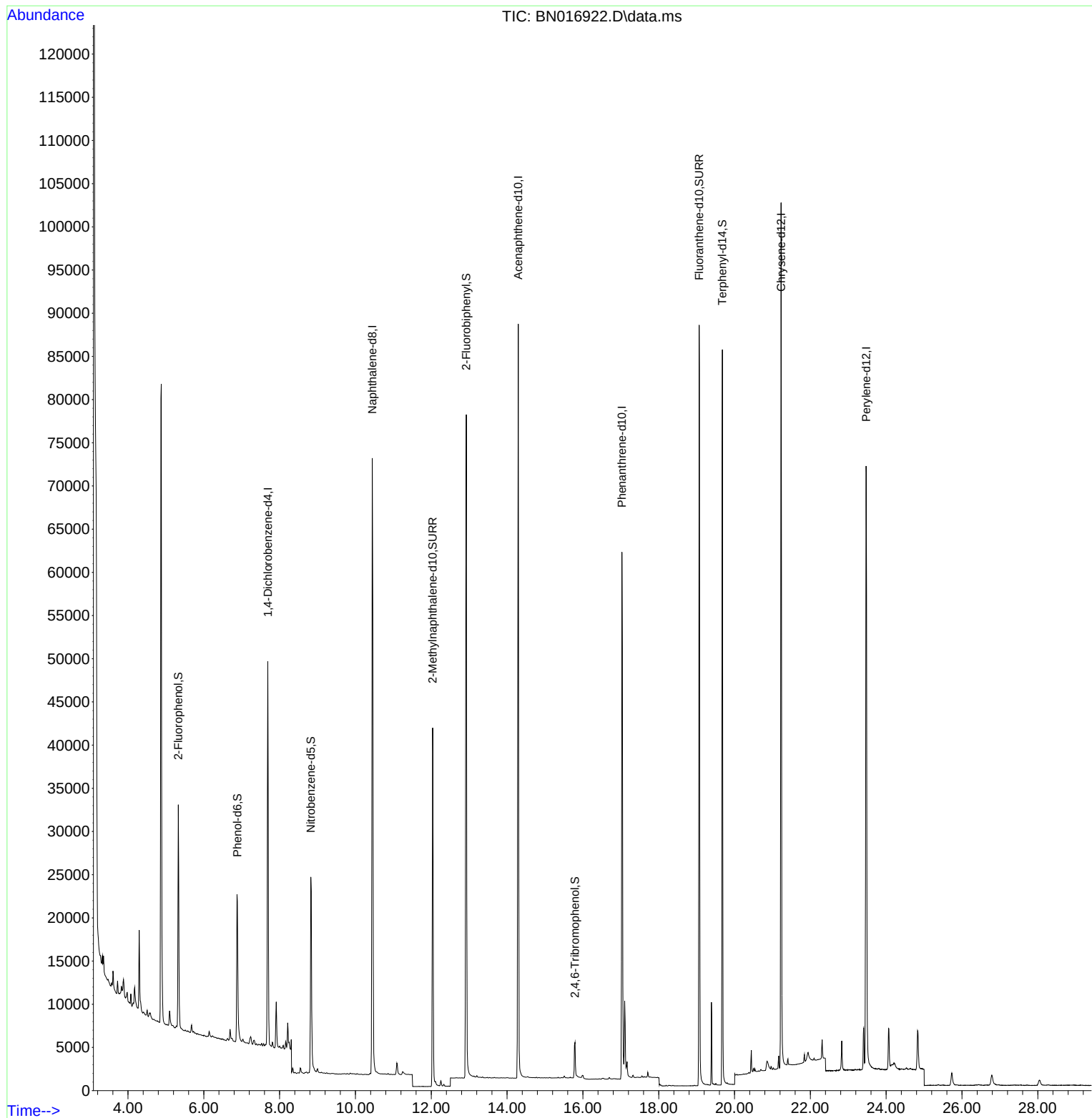
Target Compounds	Qvalue

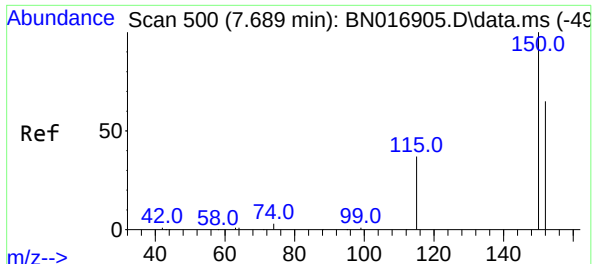
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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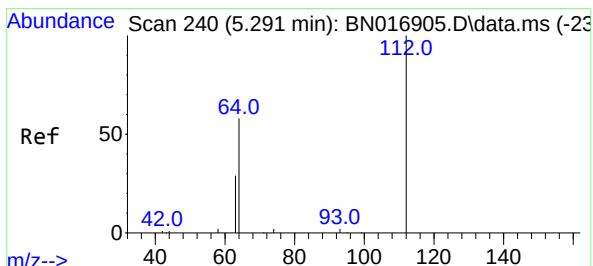
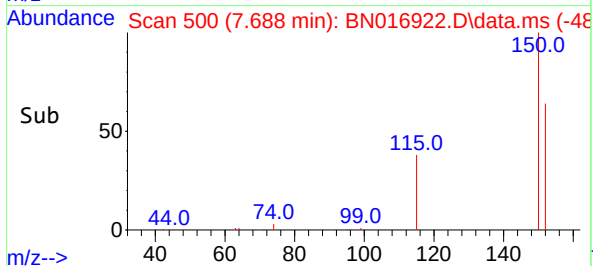
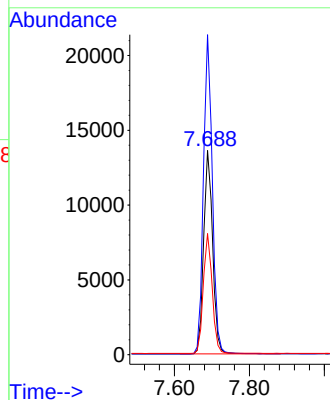
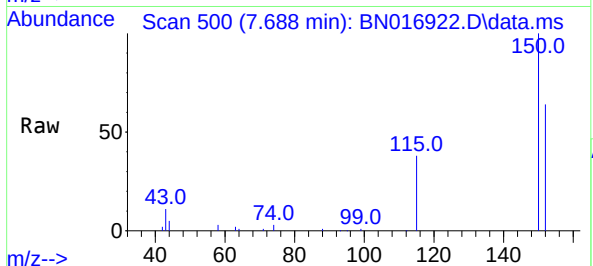




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.688 min Scan# 500
Delta R.T. -0.001 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

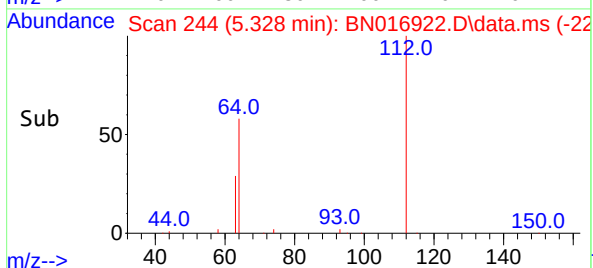
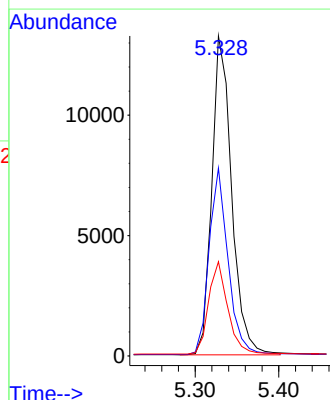
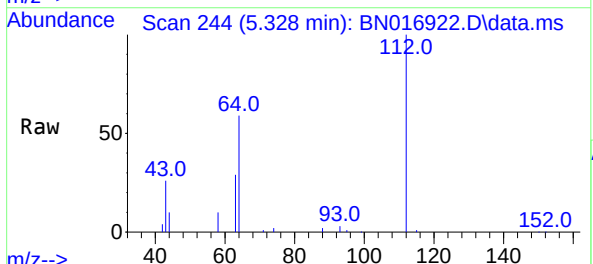
Instrument :
BNA_N
ClientSampleId :
PB139783BL

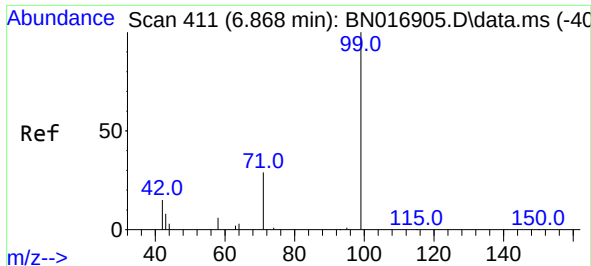
Tgt Ion:152 Resp: 22533
Ion Ratio Lower Upper
152 100
150 156.7 122.6 183.8
115 59.4 46.1 69.1



#4
2-Fluorophenol
Concen: 0.43 ng
RT: 5.328 min Scan# 244
Delta R.T. 0.037 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

Tgt Ion:112 Resp: 21798
Ion Ratio Lower Upper
112 100
64 56.0 45.0 67.4
63 28.2 22.6 33.8

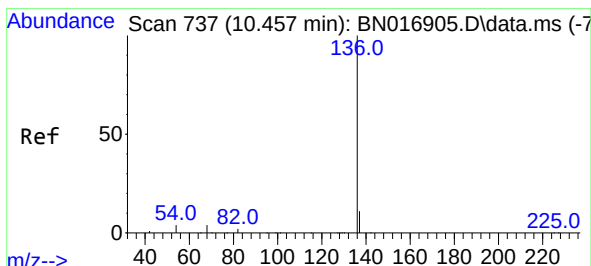
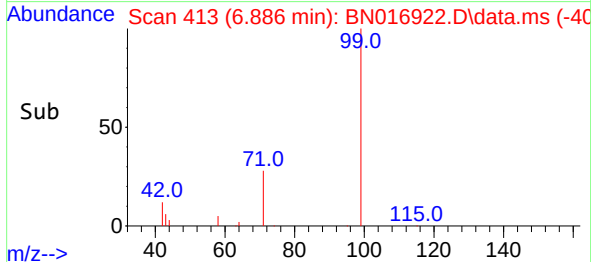
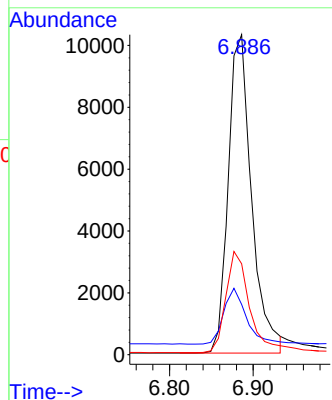
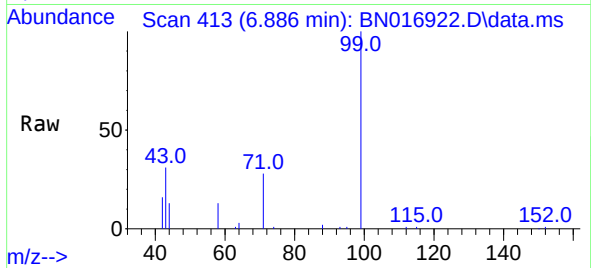




#5
Phenol-d6
Concen: 0.35 ng
RT: 6.886 min Scan# 413
Delta R.T. 0.018 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

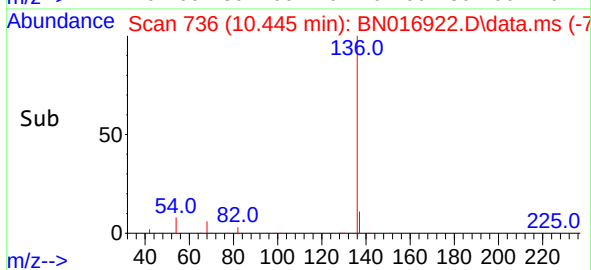
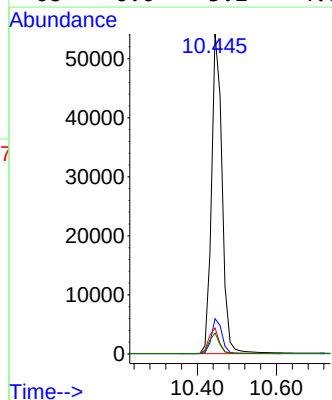
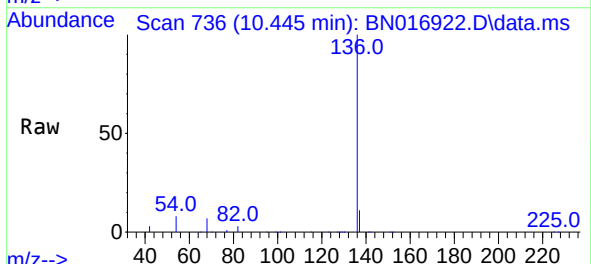
Instrument :
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ClientSampleId :
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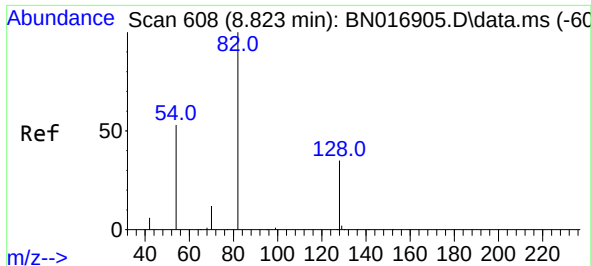
Tgt Ion: 99 Resp: 19957
Ion Ratio Lower Upper
99 100
42 16.9 14.2 21.4
71 31.9 24.5 36.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

Tgt Ion: 136 Resp: 100774
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.1 3.7 5.5#
68 6.6 3.2 4.8#

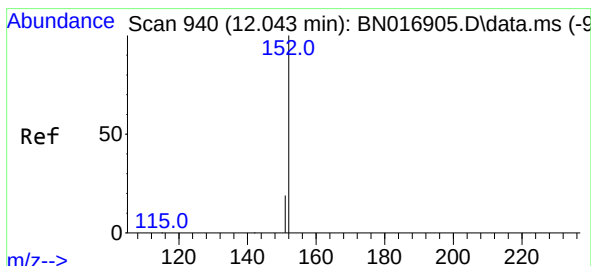
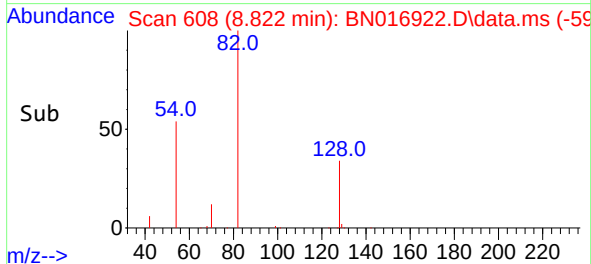
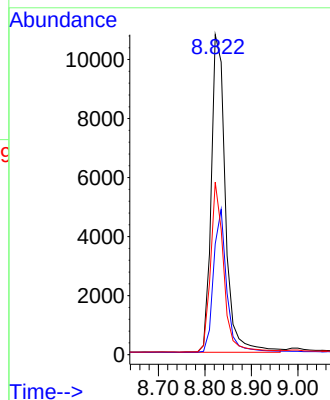
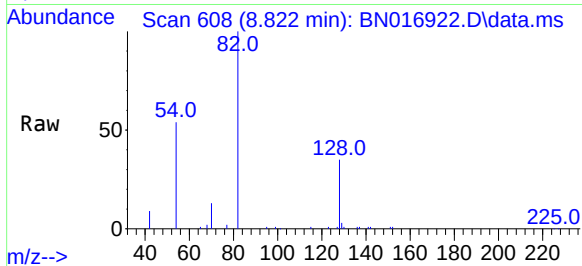




#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

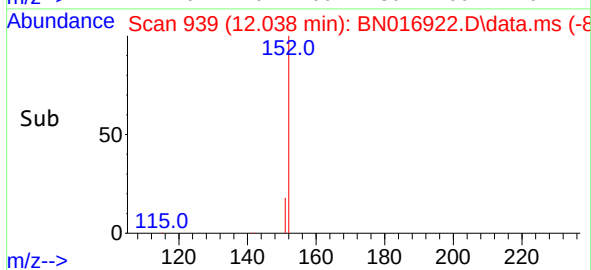
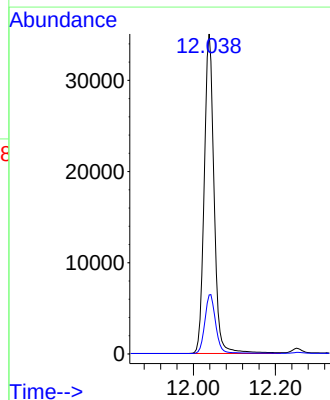
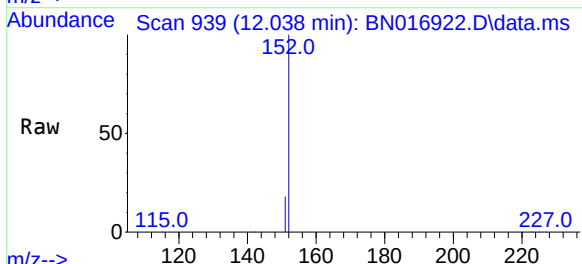
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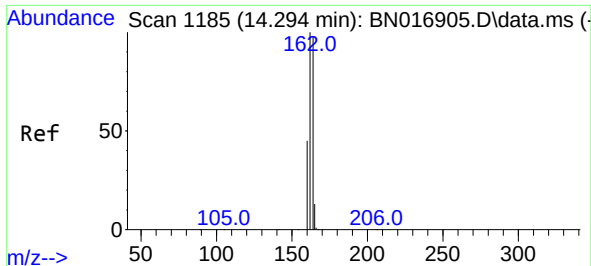
Tgt Ion: 82 Resp: 22848
Ion Ratio Lower Upper
82 100
128 34.7 28.3 42.5
54 53.9 43.0 64.4



#11
2-Methylnaphthalene-d10
Concen: 0.41 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

Tgt Ion: 152 Resp: 58390
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

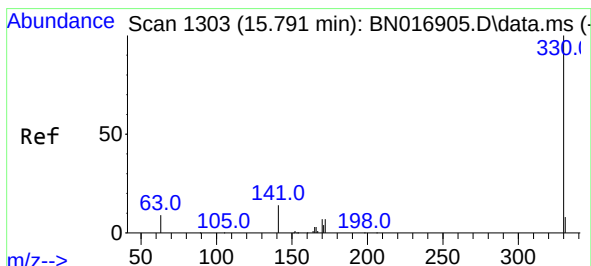
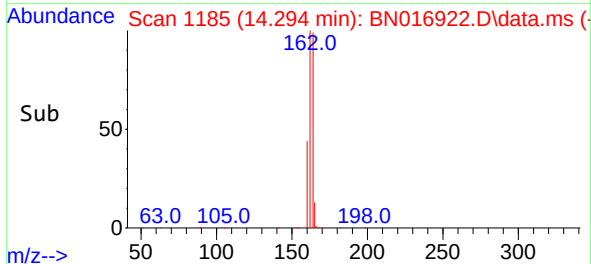
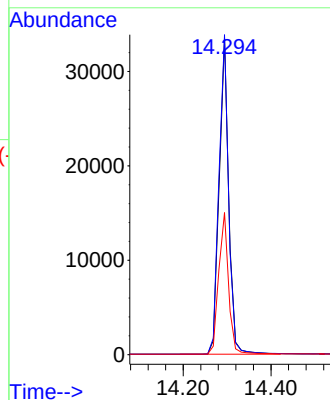
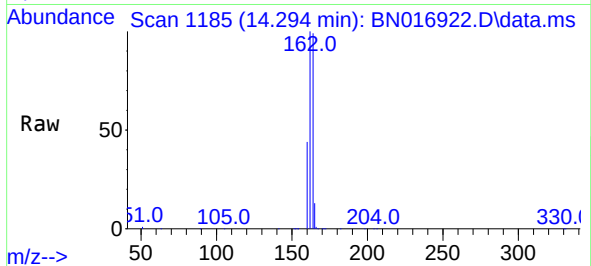




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

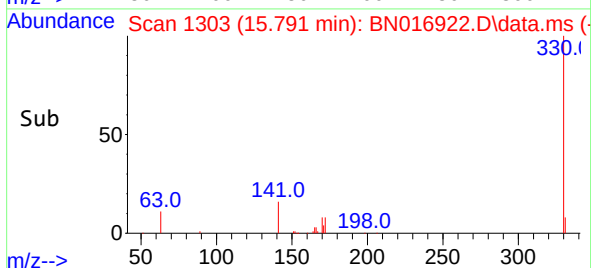
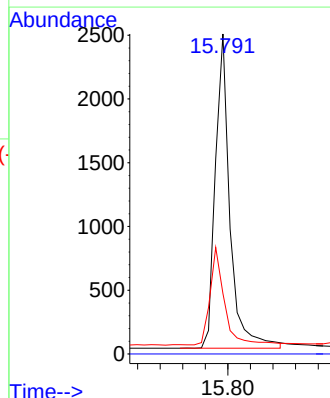
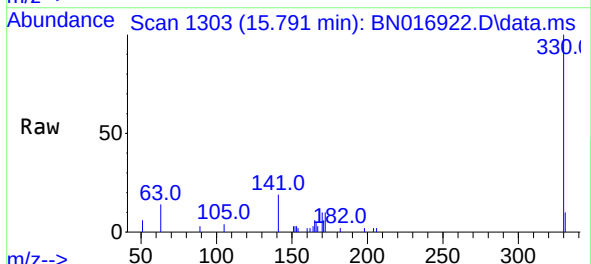
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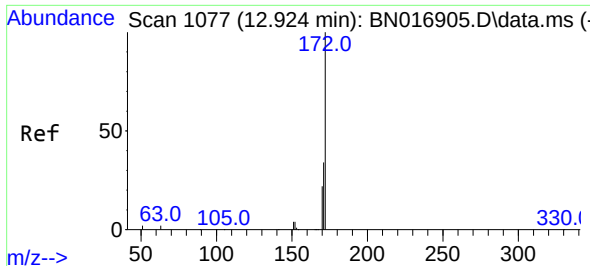
Tgt Ion:164 Resp: 50442
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 44.8 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

Tgt Ion:330 Resp: 4398
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.6 24.4 36.6

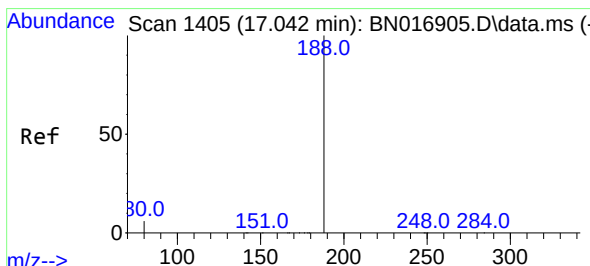
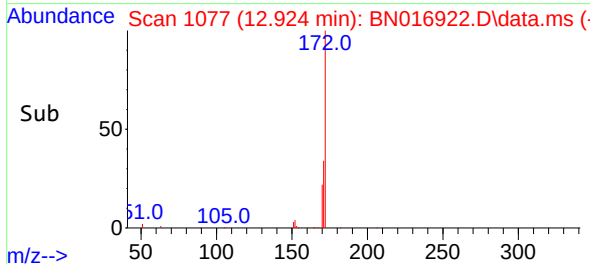
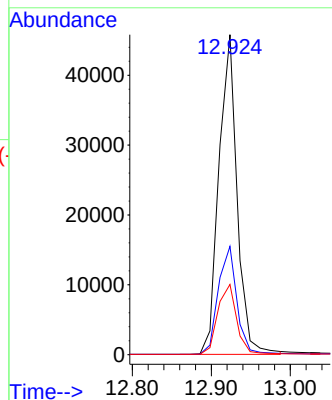
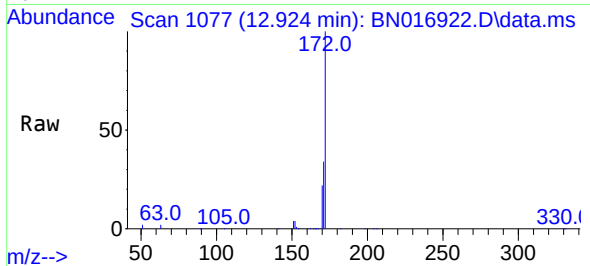




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

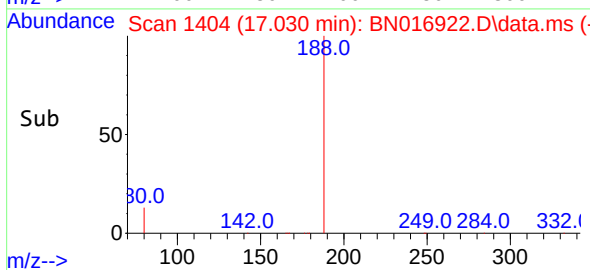
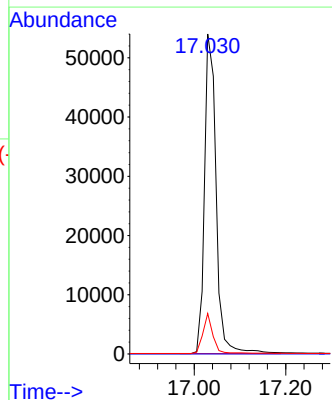
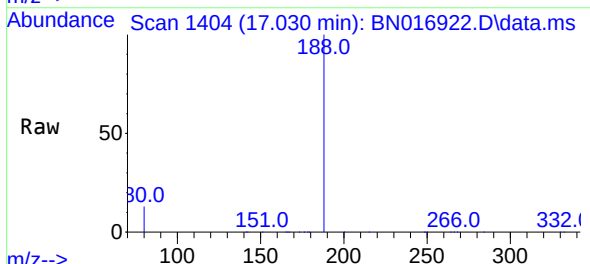
Instrument :
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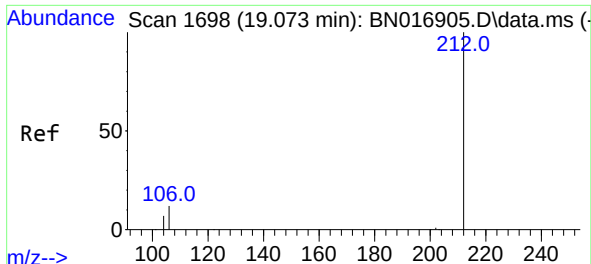
Tgt Ion:172	Resp:	73443
Ion Ratio	Lower	Upper
172	100	
171	33.8	27.4 41.0
170	21.9	18.1 27.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

Tgt Ion:188	Resp:	94724
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.7	4.9 7.3#

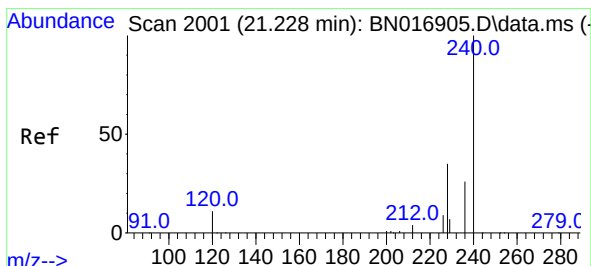
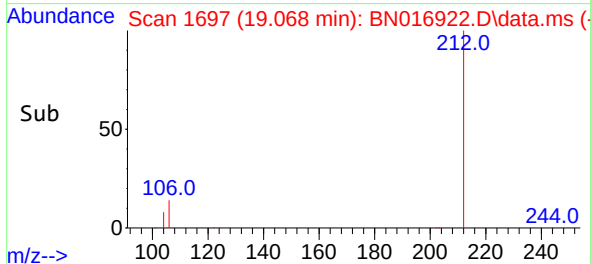
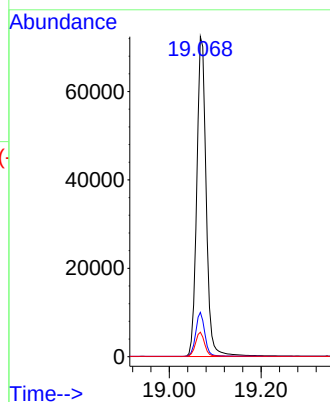
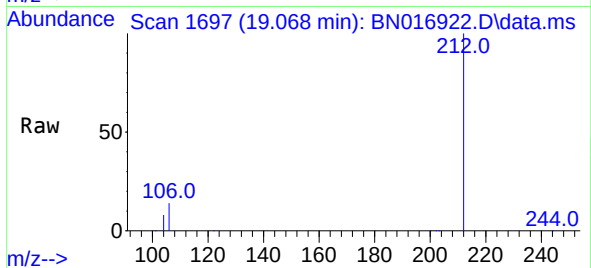




#27
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

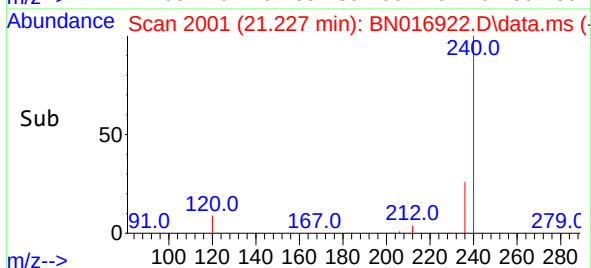
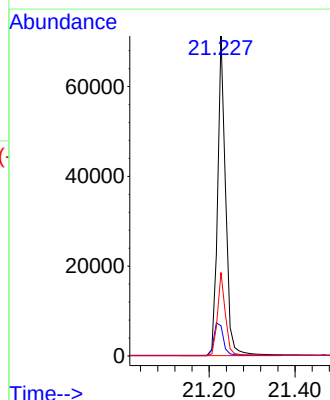
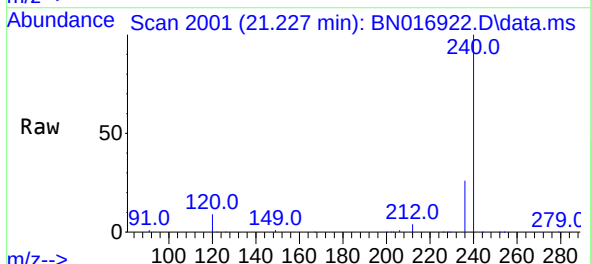
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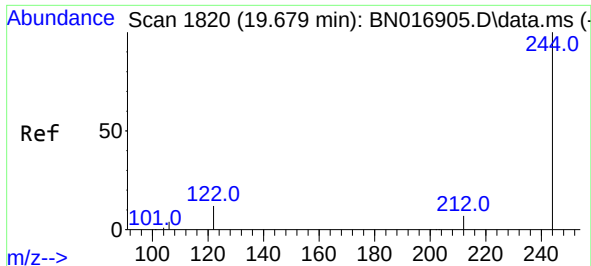
Tgt Ion:212 Resp: 103132
Ion Ratio Lower Upper
212 100
106 13.4 10.7 16.1
104 7.4 5.8 8.8



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

Tgt Ion:240 Resp: 92224
Ion Ratio Lower Upper
240 100
120 9.5 8.6 12.8
236 26.1 21.0 31.4

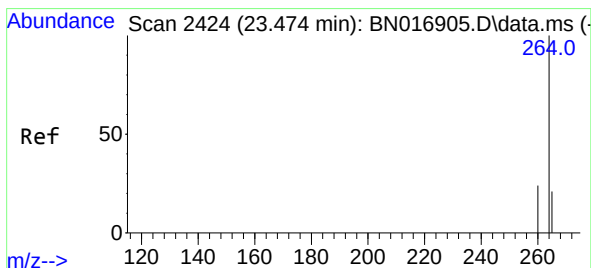
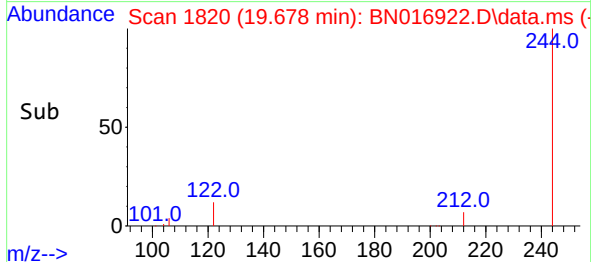
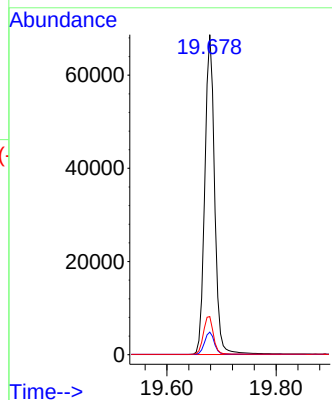
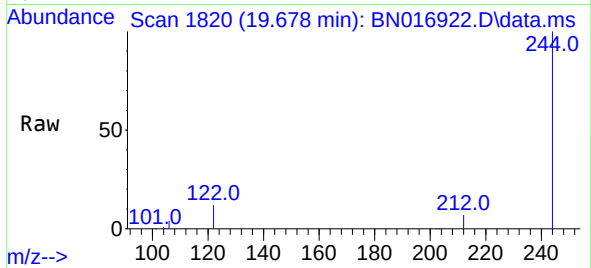




#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

Instrument :
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ClientSampleId :
PB139783BL

Tgt Ion:244 Resp: 85828
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.9 9.8 14.6



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.471 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BN016922.D
Acq: 13 Oct 2021 06:48

Tgt Ion:264 Resp: 95393
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 23.7 18.6 27.8

