

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016914.D
 Acq On : 13 Oct 2021 01:25
 Operator : CG/JU
 Sample : M4169-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 13 06:19:35 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)

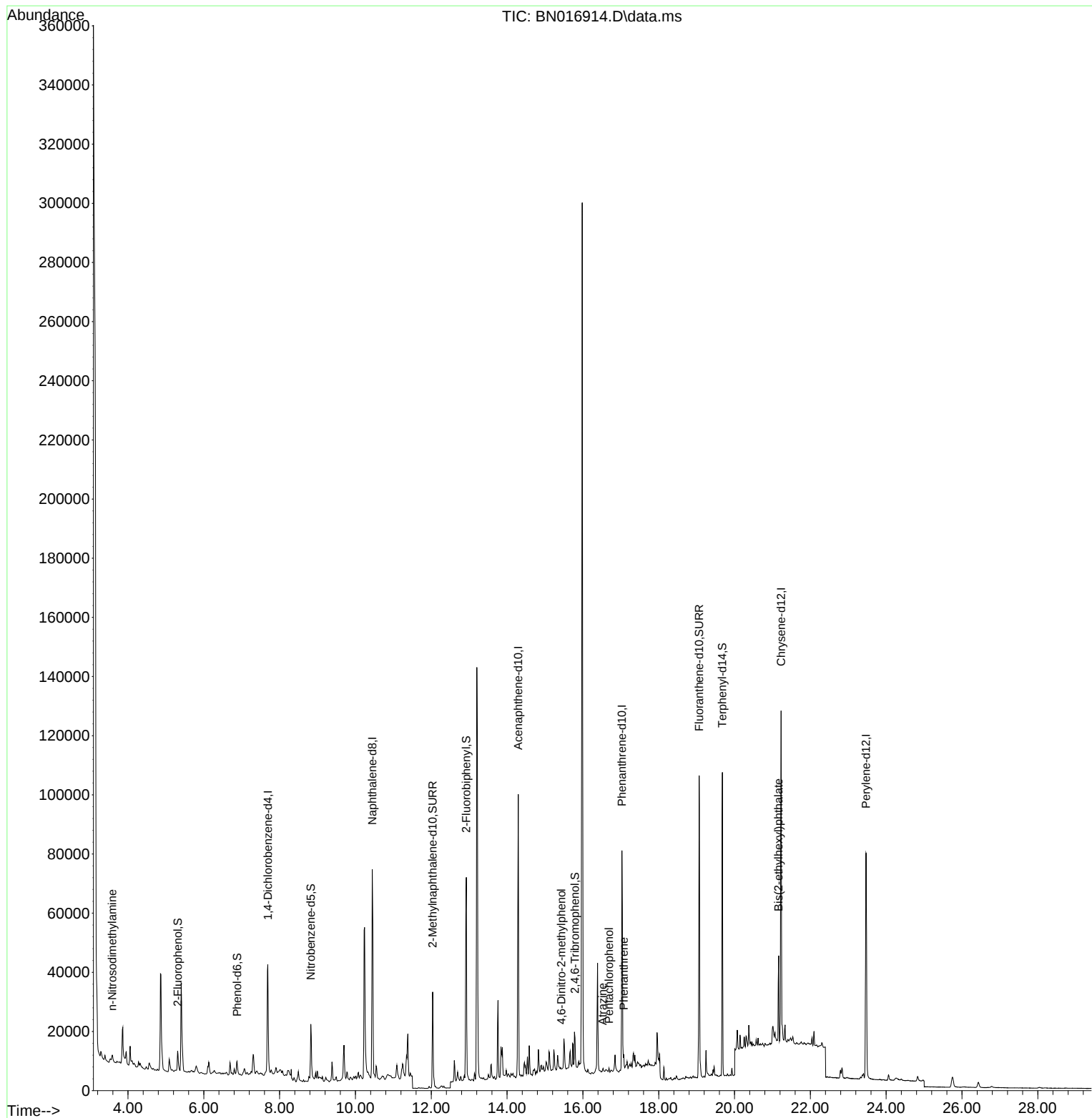
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	21587	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	97610	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	54030	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	102551	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	100181	0.400	ng	# 0.00
35) Perylene-d12	23.467	264	105873	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	7975	0.163	ng	0.02
5) Phenol-d6	6.877	99	5547	0.102	ng	0.00
8) Nitrobenzene-d5	8.822	82	17958	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	44540	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	10671	0.436	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	60190	0.294	ng	0.00
27) Fluoranthene-d10	19.068	212	112050	0.435	ng	0.00
31) Terphenyl-d14	19.678	244	97433	0.443	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.585	42	361	0.022	ng	# 20
20) 4,6-Dinitro-2-methylph...	15.436	198	78	0.202	ng	# 1
23) Atrazine	16.519	200	161	0.092	ng	# 1
24) Pentachlorophenol	16.689	266	587	0.215	ng	97
25) Phenanthrene	17.078	178	6441	0.022	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.164	149	27504	0.335	ng	96

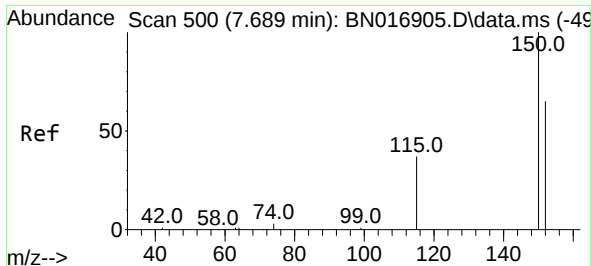
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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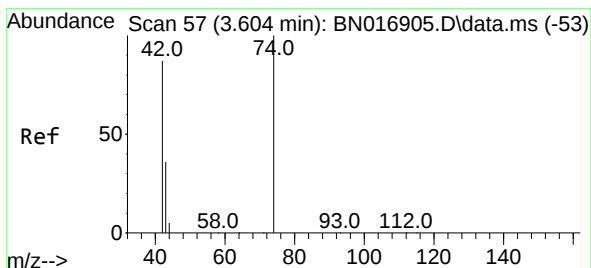
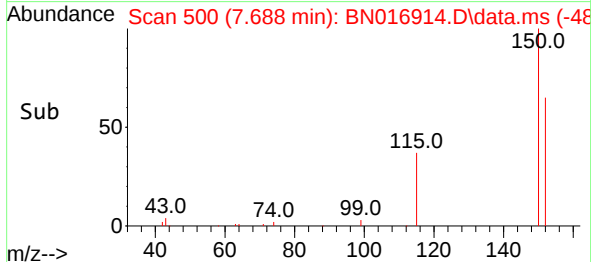
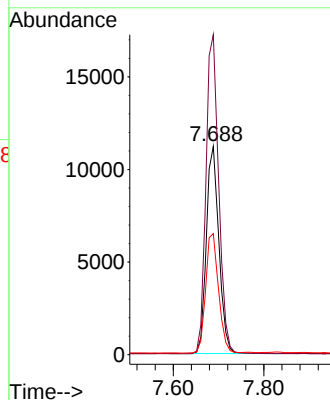
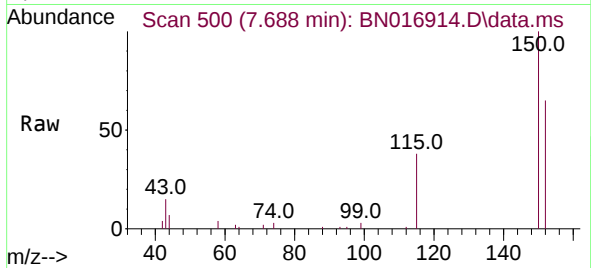




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 500
 Delta R.T. -0.001 min
 Lab File: BN016914.D
 Acq: 13 Oct 2021 01:25

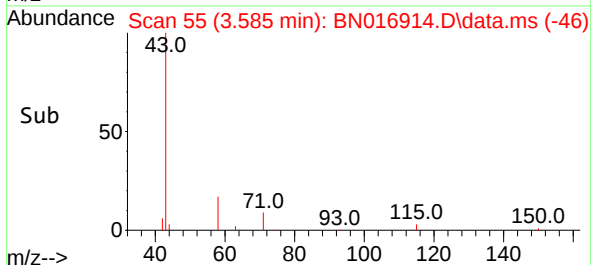
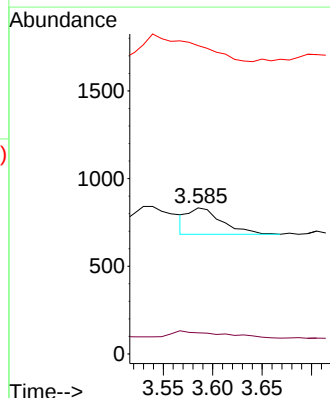
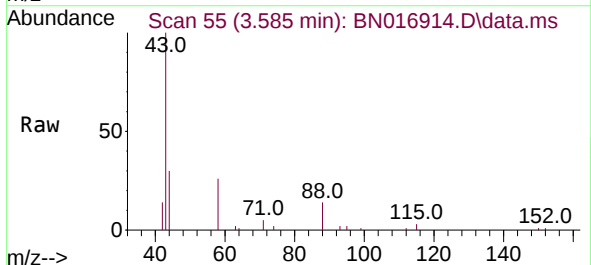
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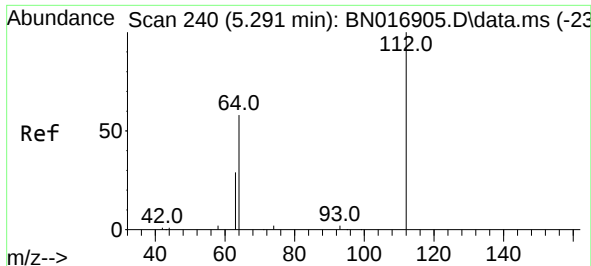
Tgt Ion:152 Resp: 21587
 Ion Ratio Lower Upper
 152 100
 150 153.5 122.6 183.8
 115 58.1 46.1 69.1



#3
 n-Nitrosodimethylamine
 Concen: 0.022 ng
 RT: 3.585 min Scan# 55
 Delta R.T. -0.019 min
 Lab File: BN016914.D
 Acq: 13 Oct 2021 01:25

Tgt Ion: 42 Resp: 361
 Ion Ratio Lower Upper
 42 100
 74 40.7 114.4 171.6#
 44 0.0 5.7 8.5#

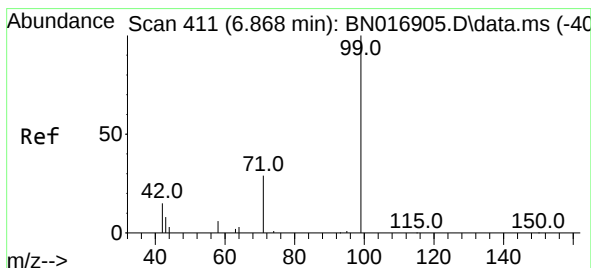
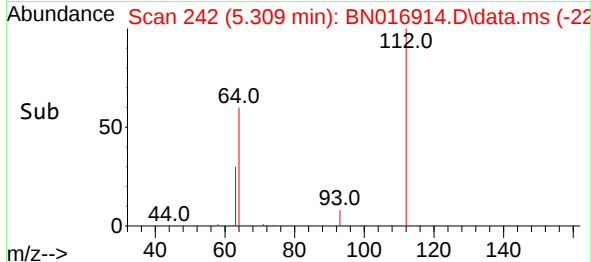
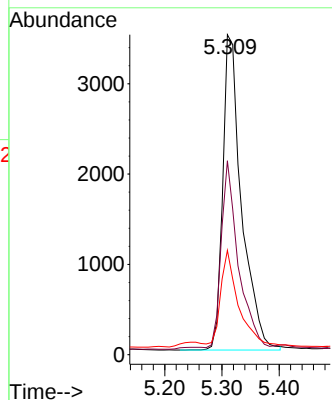
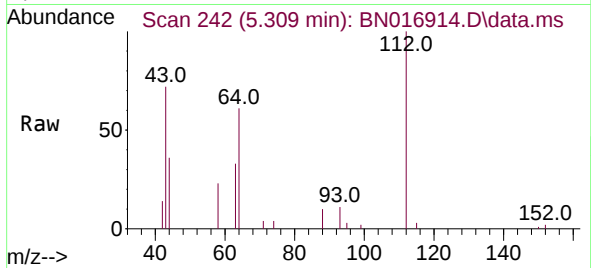




#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.018 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

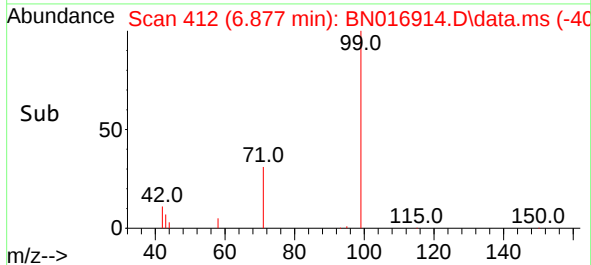
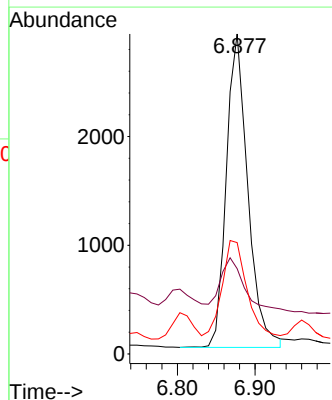
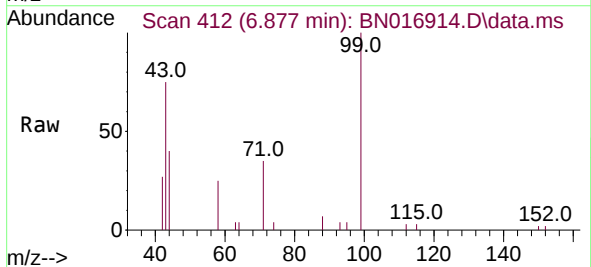
Instrument :
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ClientSampleId :
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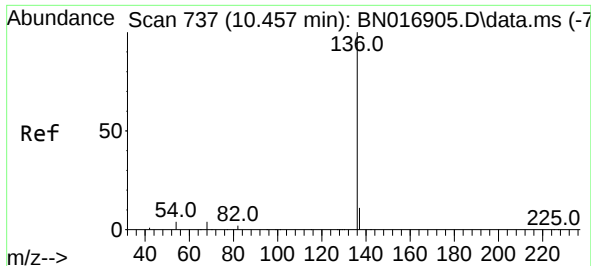
Tgt Ion: 112 Resp: 7975
Ion Ratio Lower Upper
112 100
64 53.4 45.0 67.4
63 28.0 22.6 33.8



#5
Phenol-d6
Concen: 0.102 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion: 99 Resp: 5547
Ion Ratio Lower Upper
99 100
42 16.4 14.2 21.4
71 33.9 24.5 36.7

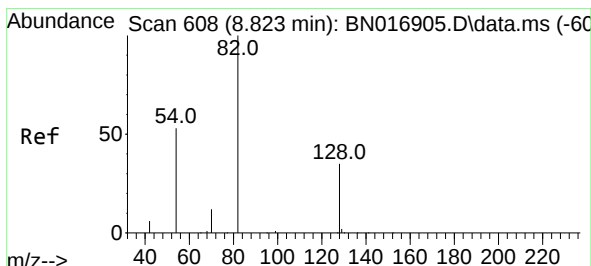
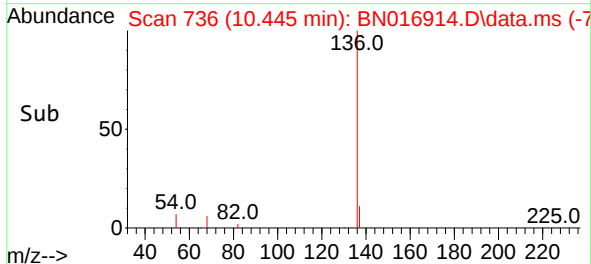
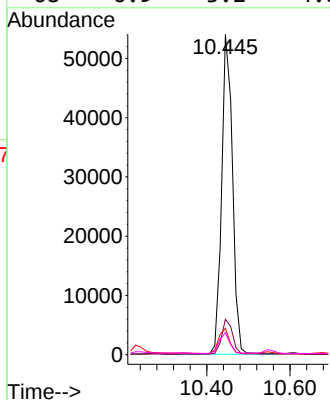
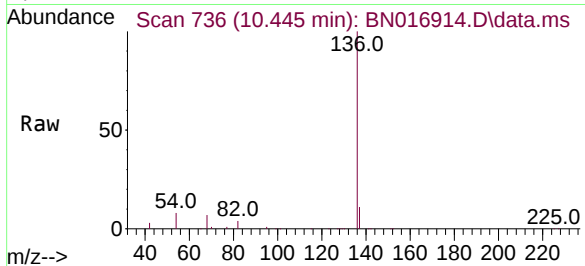




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

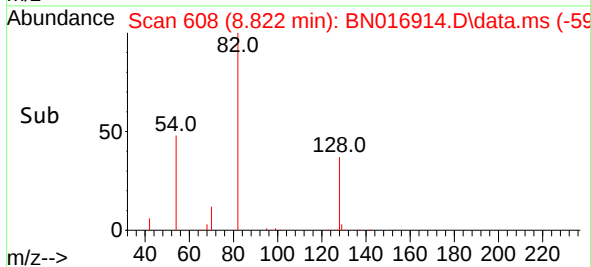
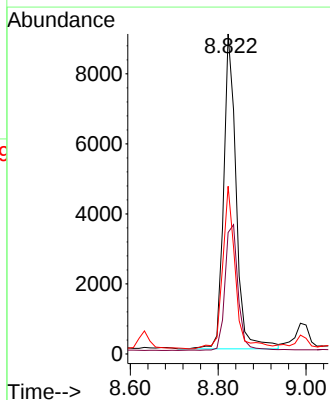
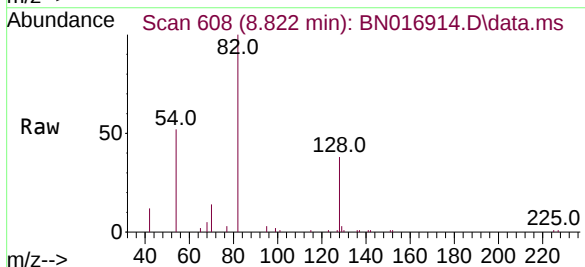
Instrument :
BNA_N
ClientSampleId :
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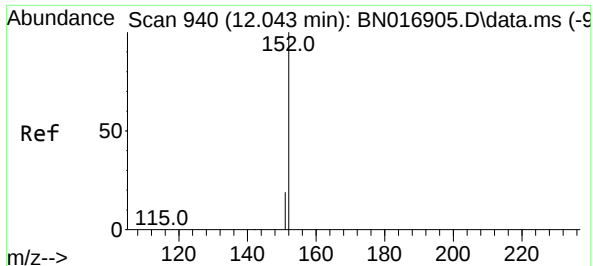
Tgt Ion:	136	Resp:	97610
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.2	3.7	5.5#
68	6.9	3.2	4.8#



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion:	82	Resp:	17958
Ion	Ratio	Lower	Upper
82	100		
128	38.0	28.3	42.5
54	52.4	43.0	64.4

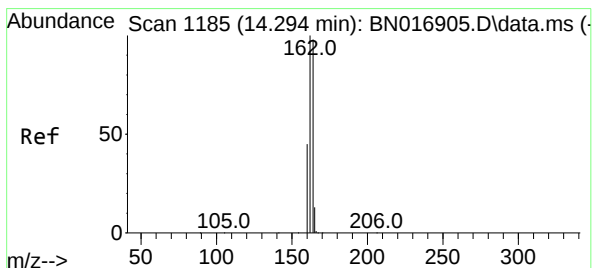
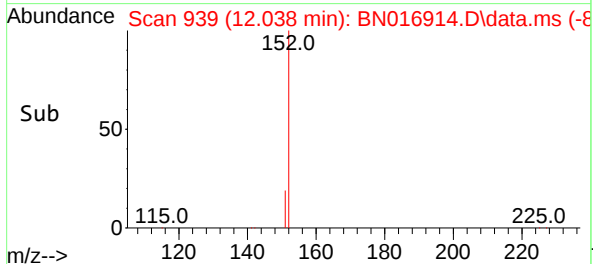
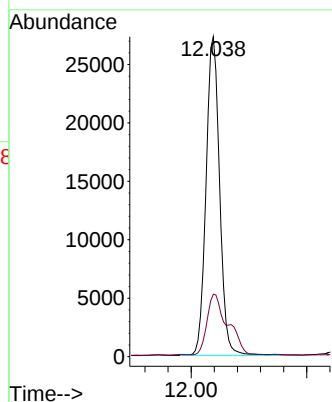
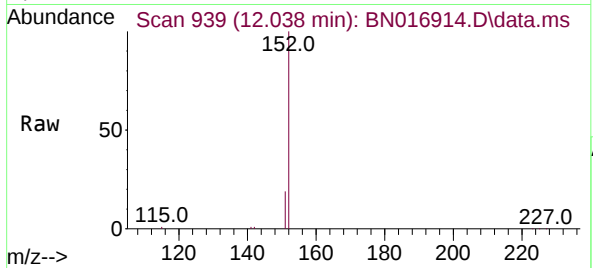




#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

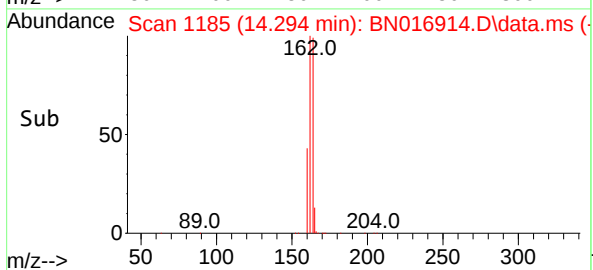
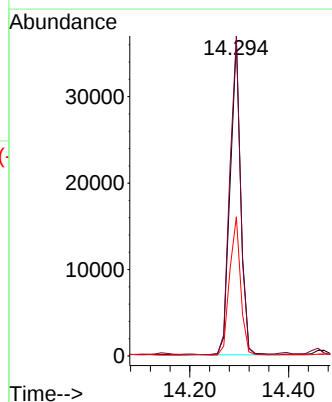
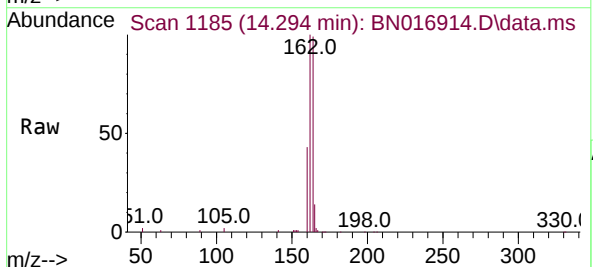
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

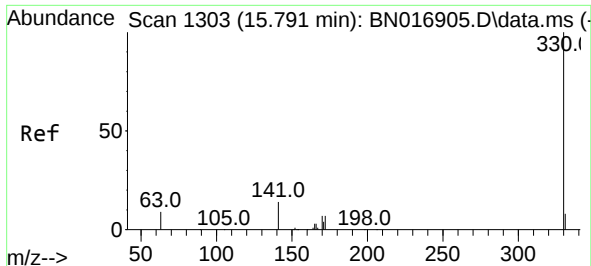
Tgt Ion:152 Resp: 44540
Ion Ratio Lower Upper
152 100
151 28.8 16.2 24.4#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion:164 Resp: 54030
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 44.0 37.0 55.4

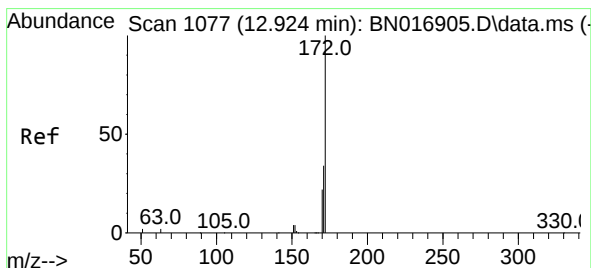
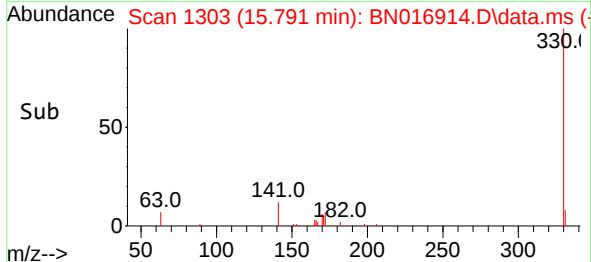
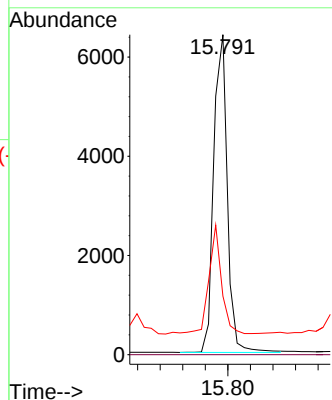
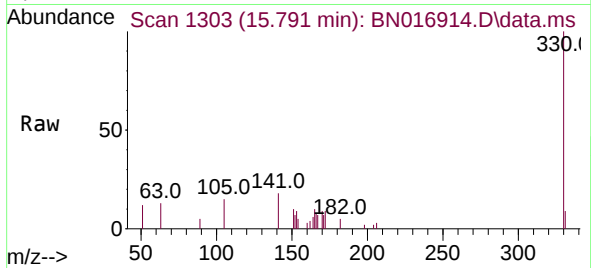




#14
2,4,6-Tribromophenol
Concen: 0.436 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

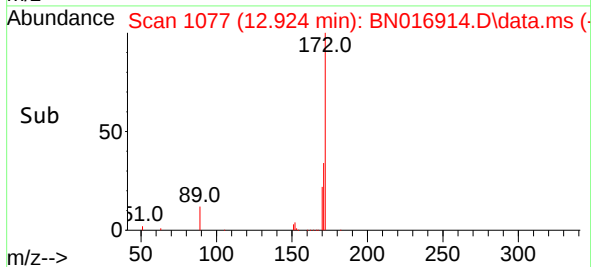
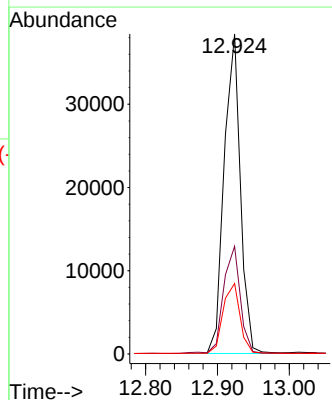
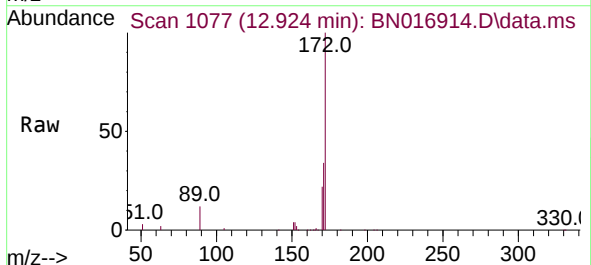
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ClientSampleId :
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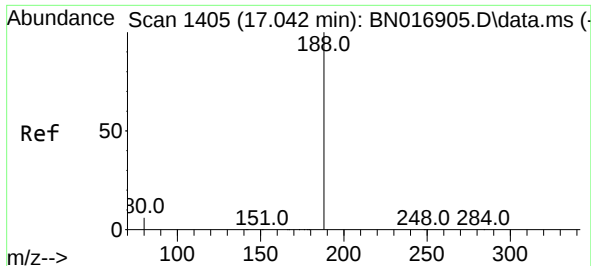
Tgt Ion:330 Resp: 10671
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.2 24.4 36.6



#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion:172 Resp: 60190
Ion Ratio Lower Upper
172 100
171 33.7 27.4 41.0
170 22.0 18.1 27.1

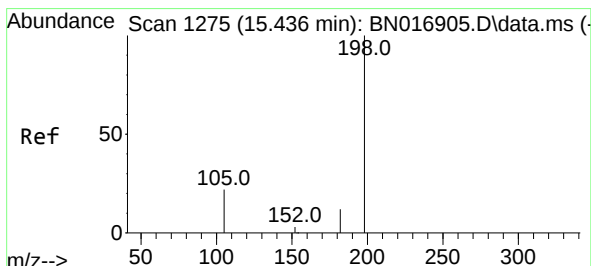
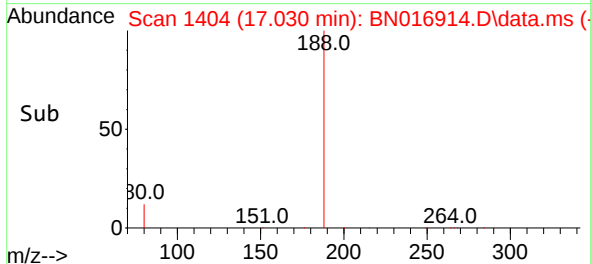
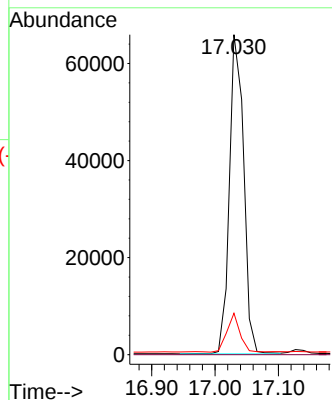
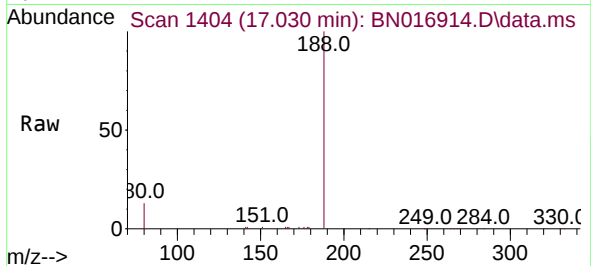




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

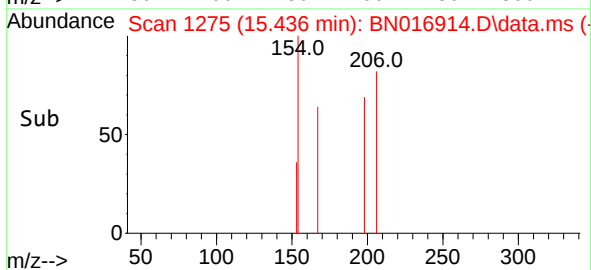
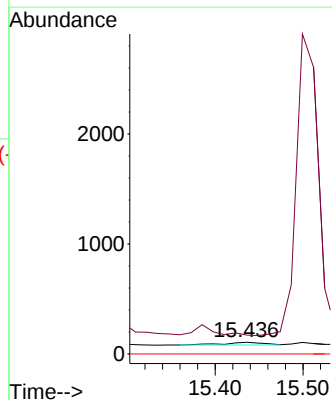
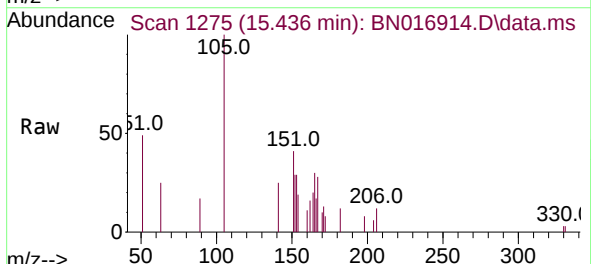
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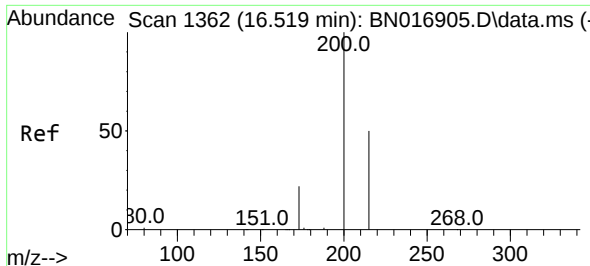
Tgt Ion:188 Resp: 102551
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 4.9 7.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.202 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion:198 Resp: 78
Ion Ratio Lower Upper
198 100
182 160.7 11.0 16.6#
77 0.0 0.0 0.0

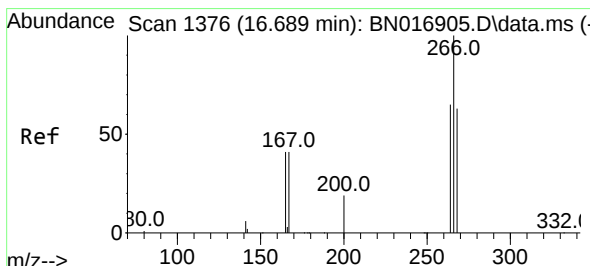
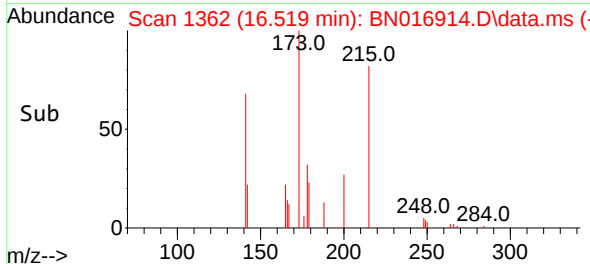
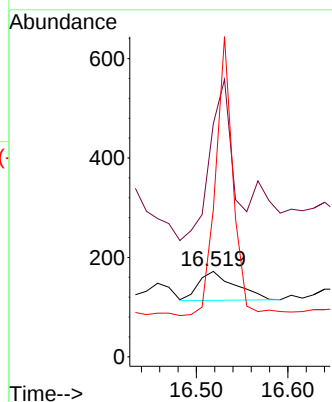
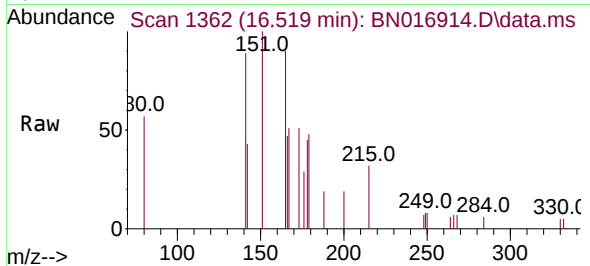




#23
Atrazine
Concen: 0.092 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

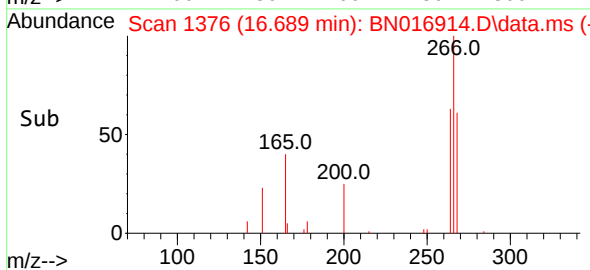
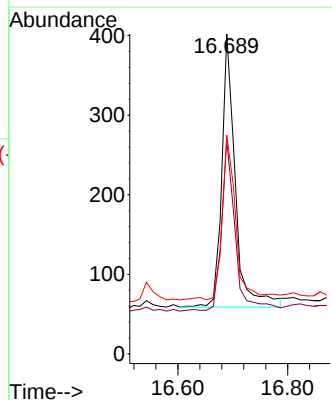
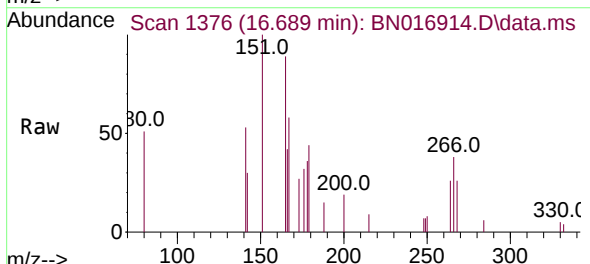
Instrument :
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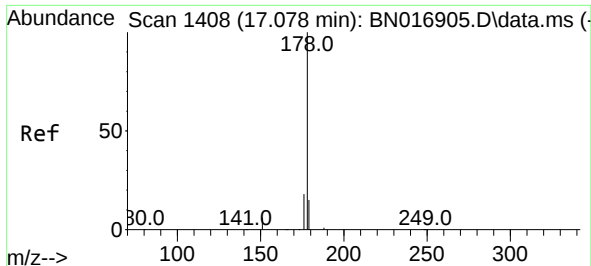
Tgt Ion:200 Resp: 161
Ion Ratio Lower Upper
200 100
173 272.7 18.0 27.0#
215 172.1 40.0 60.0#



#24
Pentachlorophenol
Concen: 0.215 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion:266 Resp: 587
Ion Ratio Lower Upper
266 100
264 63.5 50.5 75.7
268 60.1 51.2 76.8

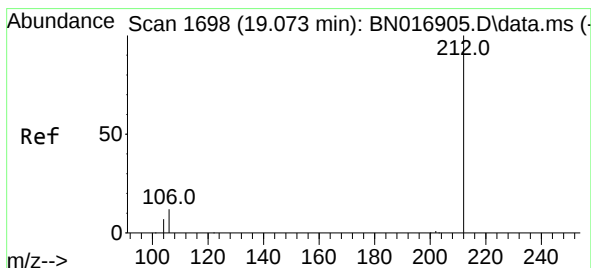
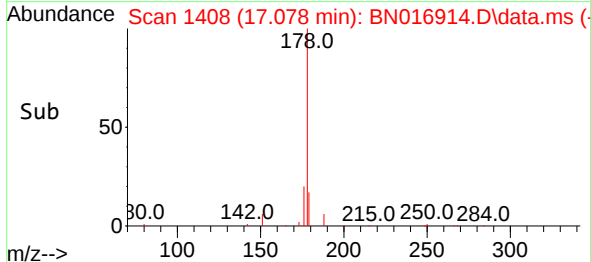
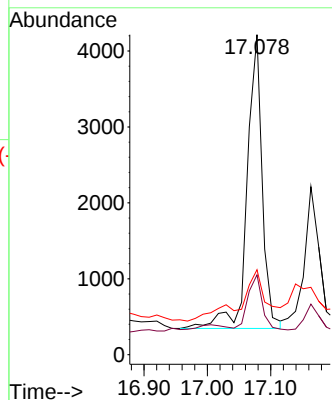
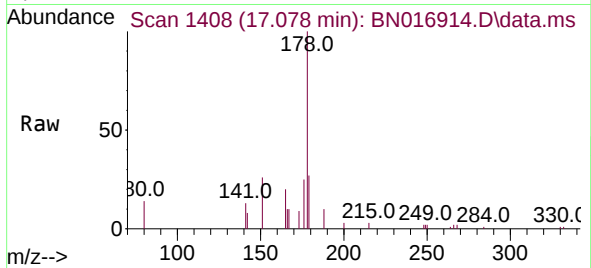




#25
Phenanthrene
Concen: 0.022 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

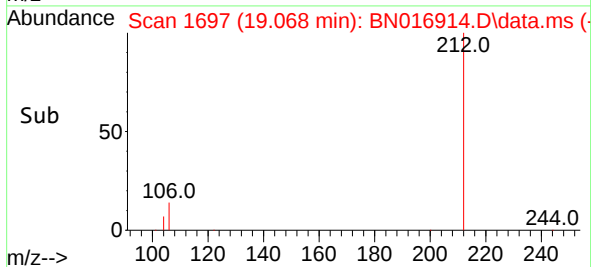
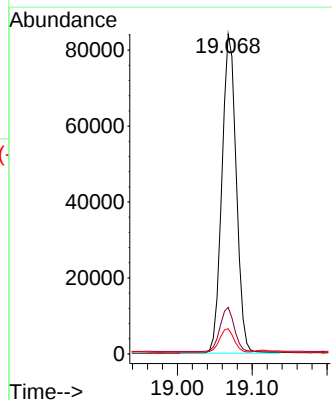
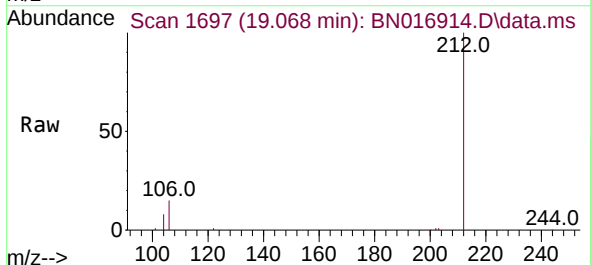
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

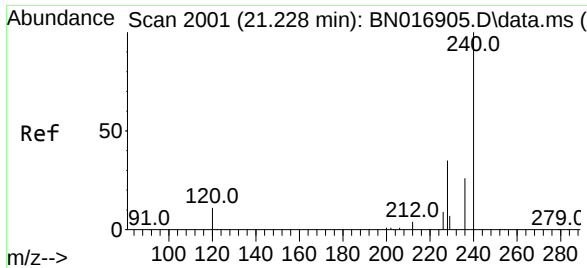
Tgt Ion:	178	Resp:	6441
Ion Ratio	Lower	Upper	
178	100		
176	17.6	15.0	22.4
179	30.3	12.3	18.5#



#27
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016914.D
Acq: 13 Oct 2021 01:25

Tgt Ion:	212	Resp:	112050
Ion Ratio	Lower	Upper	
212	100		
106	13.5	10.7	16.1
104	7.5	5.8	8.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.227 min Scan# 2001

Delta R.T. -0.000 min

Lab File: BN016914.D

Acq: 13 Oct 2021 01:25

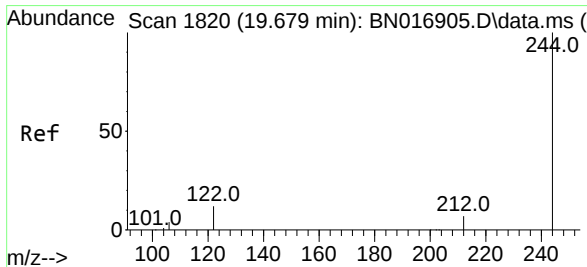
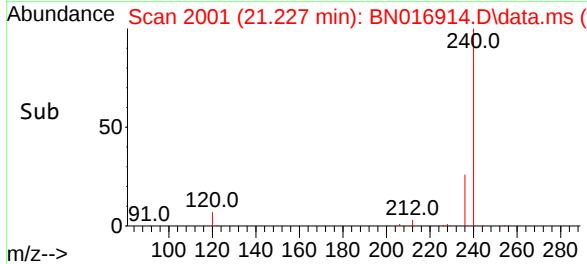
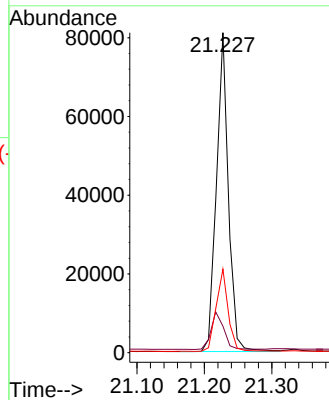
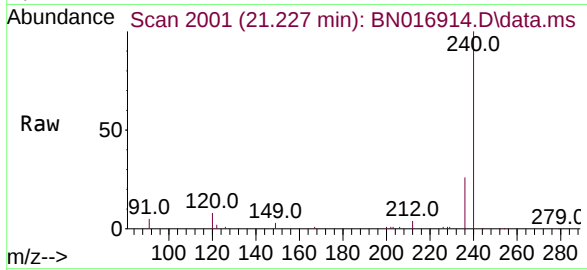
Tgt Ion:240 Resp: 100181

Ion Ratio Lower Upper

240 100

120 8.3 8.6 12.8#

236 26.1 21.0 31.4



#31

Terphenyl-d14

Concen: 0.443 ng

RT: 19.678 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BN016914.D

Acq: 13 Oct 2021 01:25

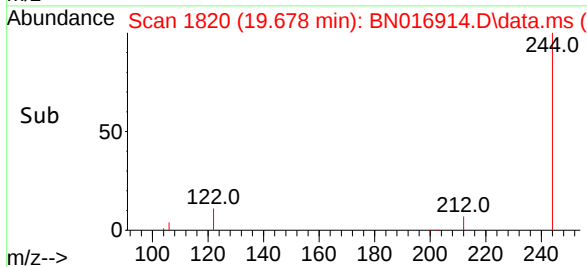
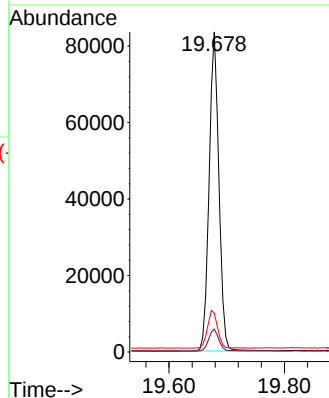
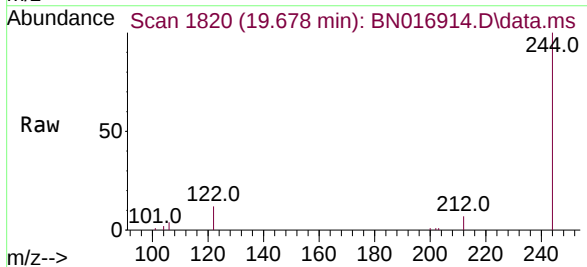
Tgt Ion:244 Resp: 97433

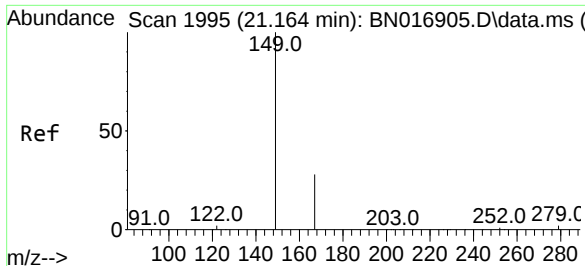
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 12.1 9.8 14.6

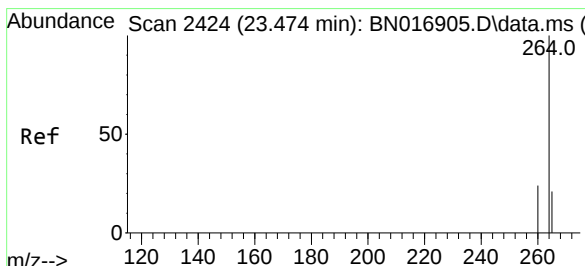
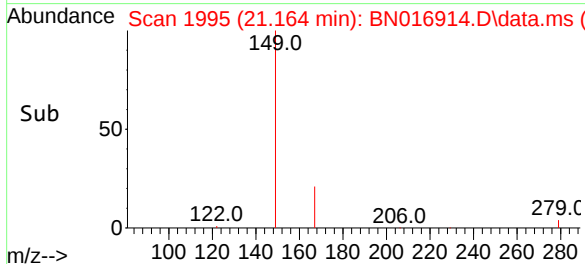
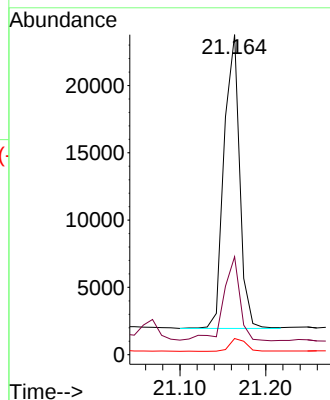
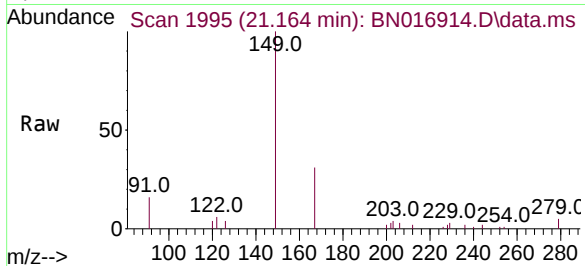




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.335 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: BN016914.D
 Acq: 13 Oct 2021 01:25

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

Tgt Ion:149 Resp: 27504
 Ion Ratio Lower Upper
 149 100
 167 29.8 22.1 33.1
 279 4.6 3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.467 min Scan# 2422
 Delta R.T. -0.007 min
 Lab File: BN016914.D
 Acq: 13 Oct 2021 01:25

Tgt Ion:264 Resp: 105873
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 23.5 18.6 27.8

