

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016917.D
 Acq On : 13 Oct 2021 03:13
 Operator : CG/JU
 Sample : M4169-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Oct 13 06:19:55 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)

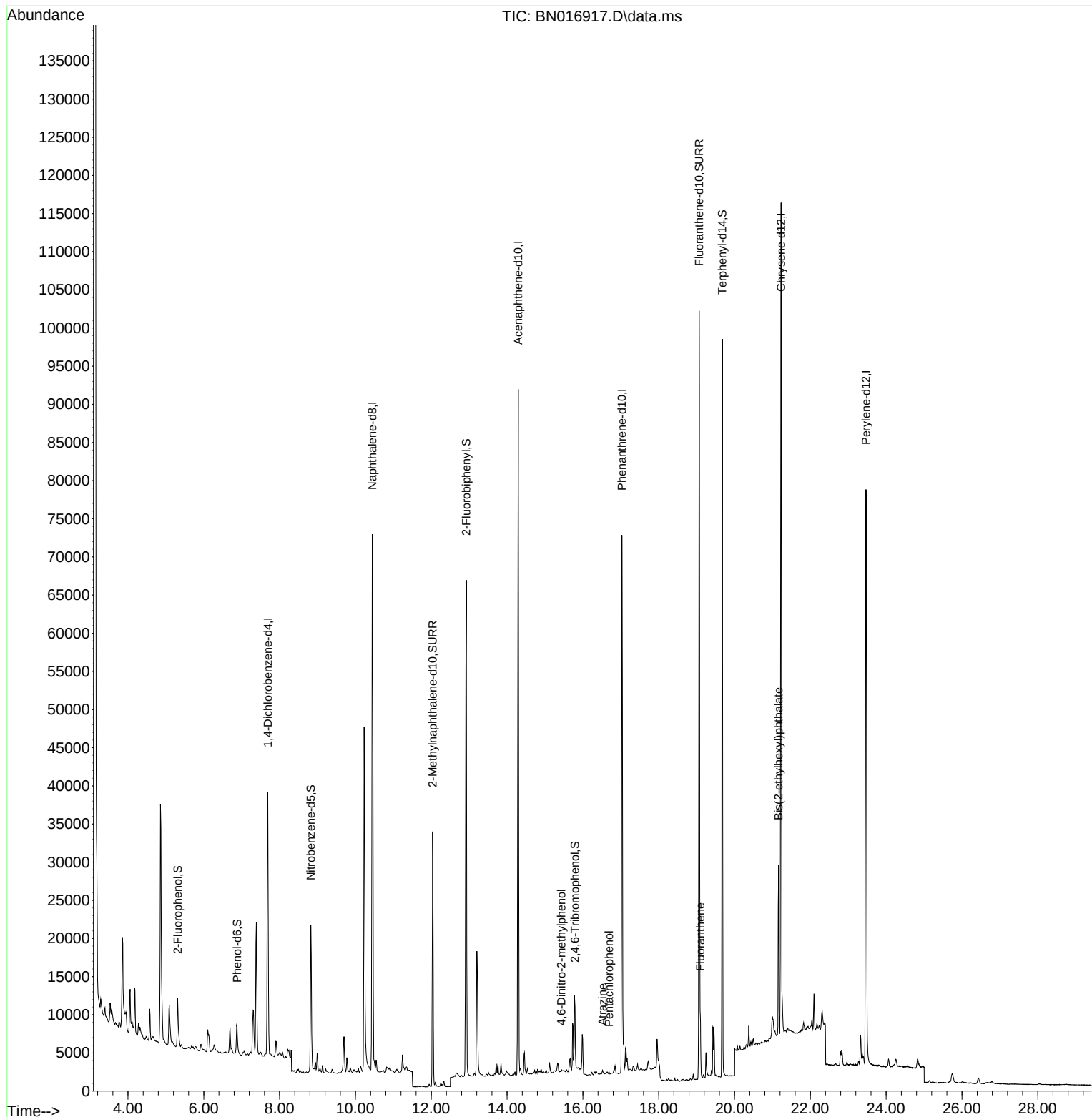
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	21336	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	96381	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	51331	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	99394	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	99347	0.400	ng	# 0.00
35) Perylene-d12	23.467	264	103231	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	7104	0.147	ng	0.02
5) Phenol-d6	6.877	99	4464	0.083	ng	0.00
8) Nitrobenzene-d5	8.822	82	18010	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	45231	0.335	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	8988	0.386	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	60421	0.311	ng	0.00
27) Fluoranthene-d10	19.068	212	111916	0.448	ng	0.00
31) Terphenyl-d14	19.678	244	96853	0.444	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.436	198	49	0.201	ng	# 1
23) Atrazine	16.519	200	309	0.096	ng	# 47
24) Pentachlorophenol	16.689	266	159	0.203	ng	# 86
28) Fluoranthene	19.098	202	6584	0.022	ng	97
34) Bis(2-ethylhexyl)phtha...	21.164	149	21044	0.302	ng	100

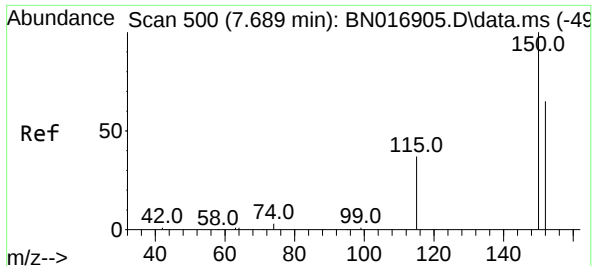
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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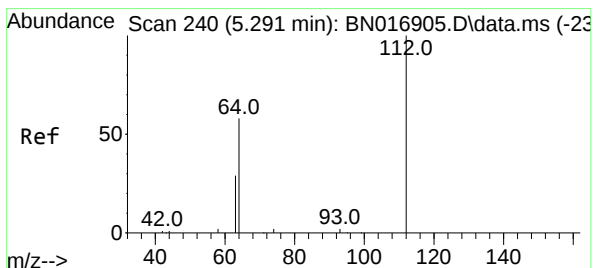
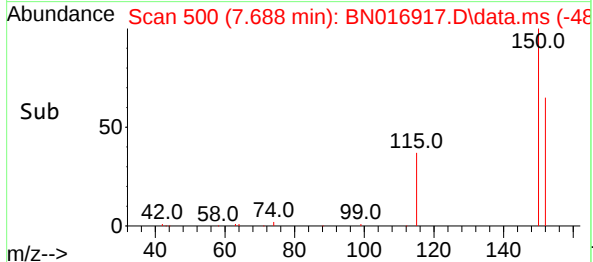
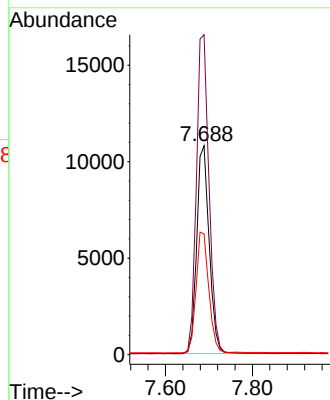
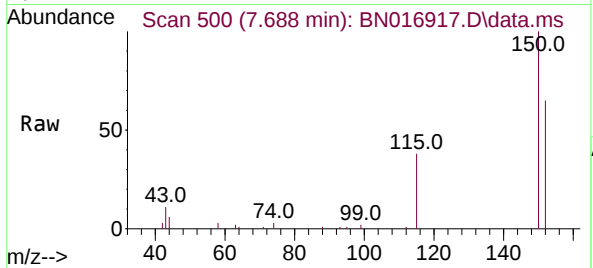




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 500
 Delta R.T. -0.001 min
 Lab File: BN016917.D
 Acq: 13 Oct 2021 03:13

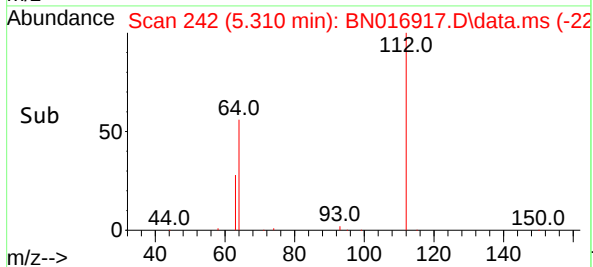
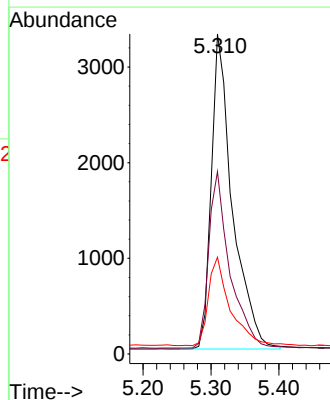
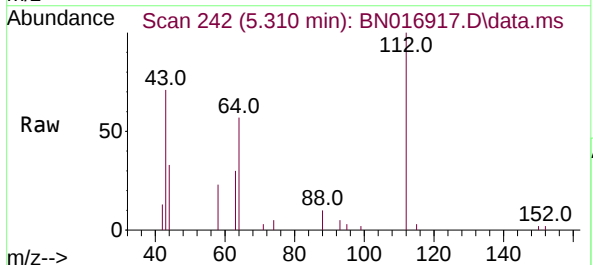
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

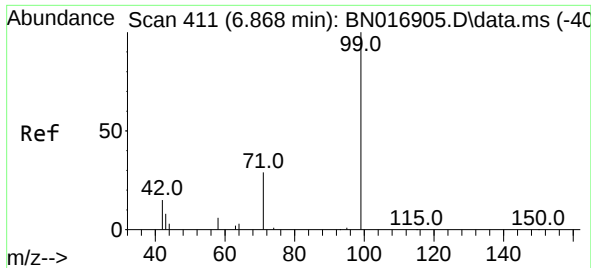
Tgt Ion:152 Resp: 21336
 Ion Ratio Lower Upper
 152 100
 150 153.2 122.6 183.8
 115 57.9 46.1 69.1



#4
 2-Fluorophenol
 Concen: 0.147 ng
 RT: 5.310 min Scan# 242
 Delta R.T. 0.018 min
 Lab File: BN016917.D
 Acq: 13 Oct 2021 03:13

Tgt Ion:112 Resp: 7104
 Ion Ratio Lower Upper
 112 100
 64 55.8 45.0 67.4
 63 28.7 22.6 33.8

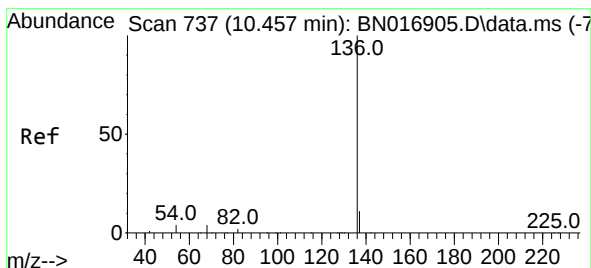
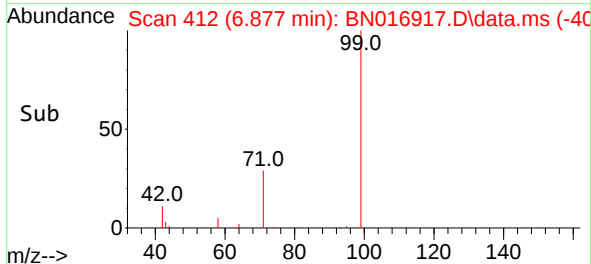
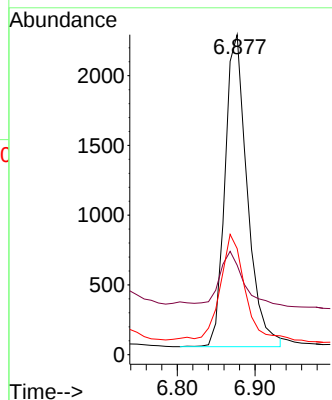
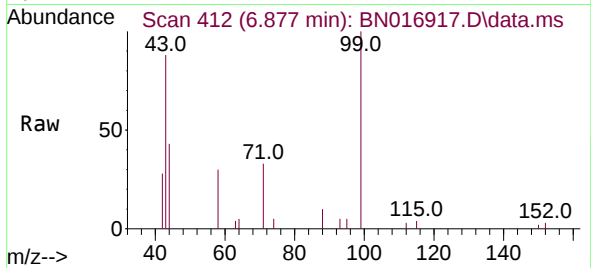




#5
Phenol-d6
Concen: 0.083 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

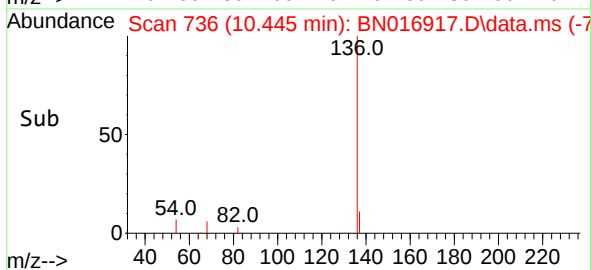
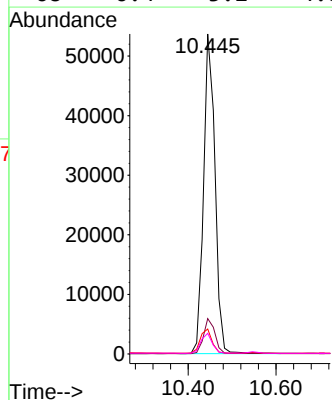
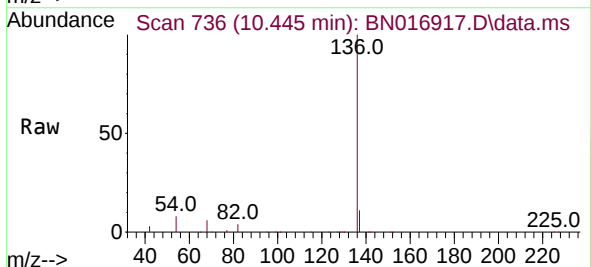
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

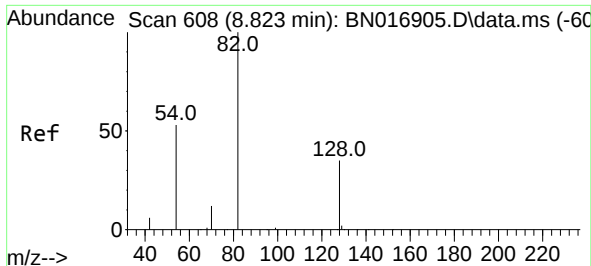
Tgt Ion: 99 Resp: 4464
Ion Ratio Lower Upper
99 100
42 17.1 14.2 21.4
71 37.1 24.5 36.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion: 136 Resp: 96381
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.8 3.7 5.5#
68 6.4 3.2 4.8#

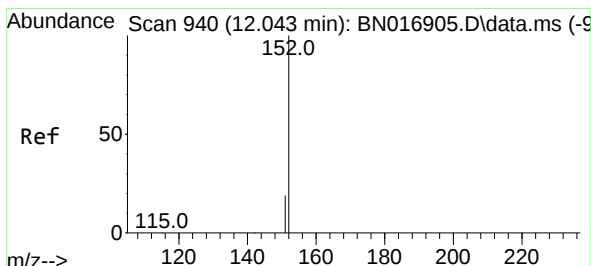
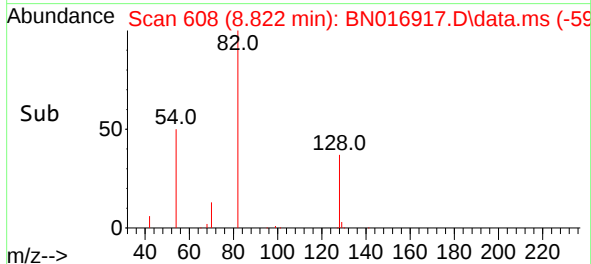
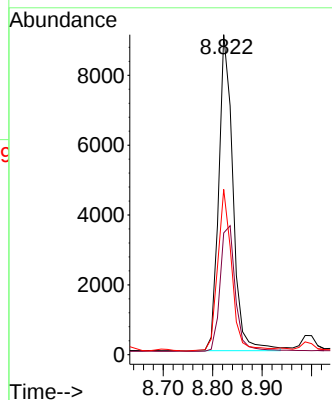
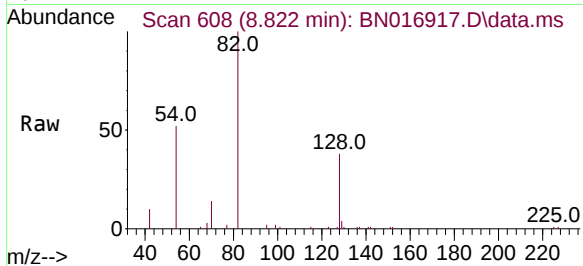




#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

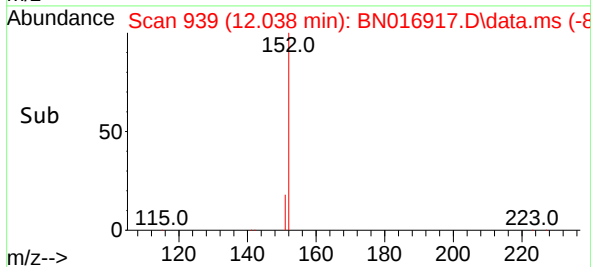
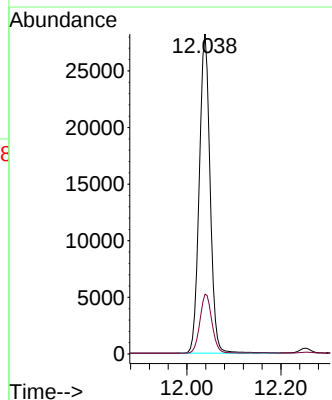
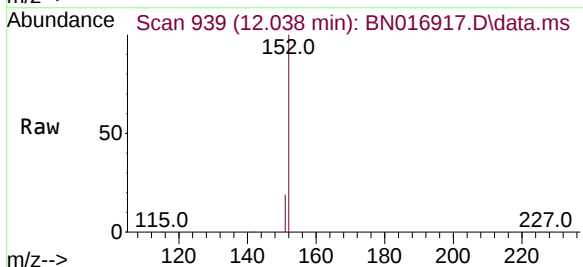
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

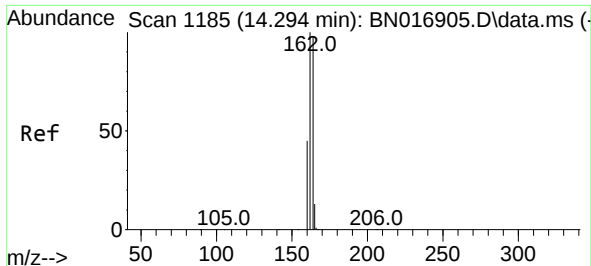
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.0	28.3	42.5
54	51.7	43.0	64.4



#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

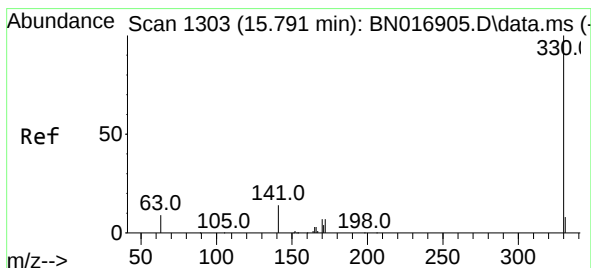
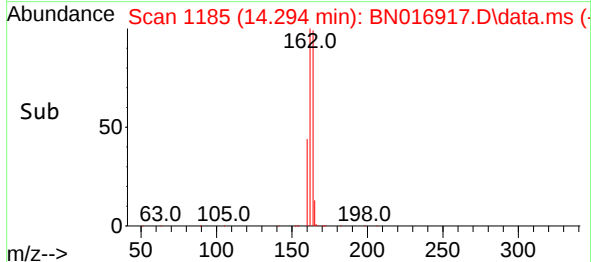
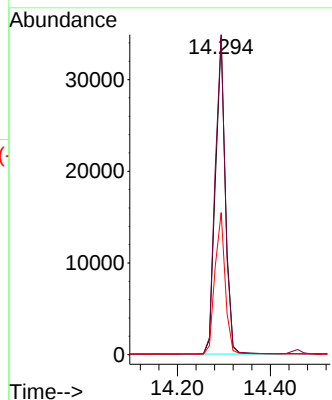
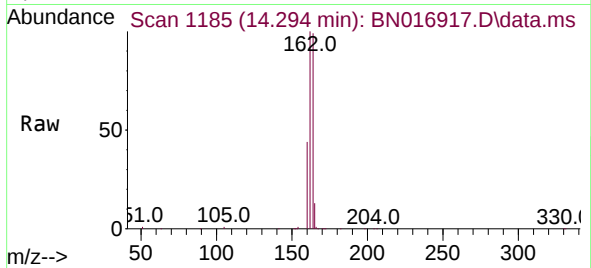




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

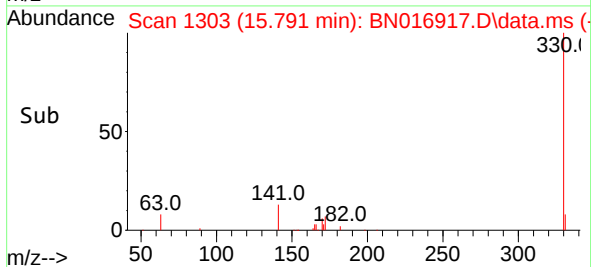
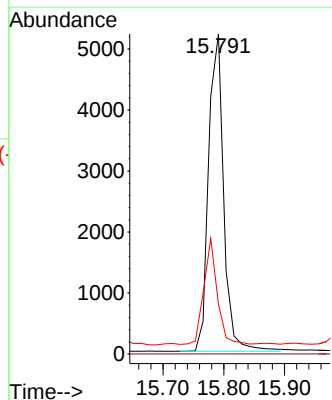
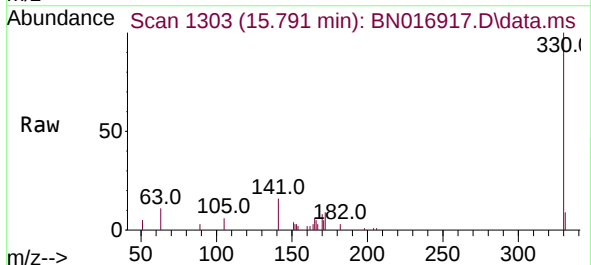
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

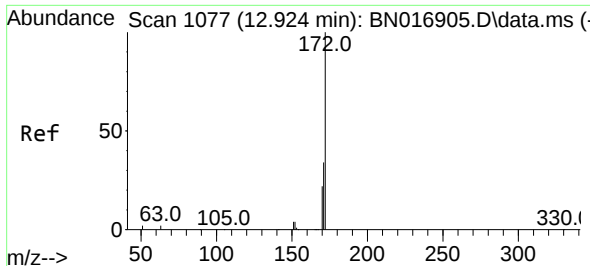
Tgt Ion:164 Resp: 51331
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 44.8 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:330 Resp: 8988
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.7 24.4 36.6

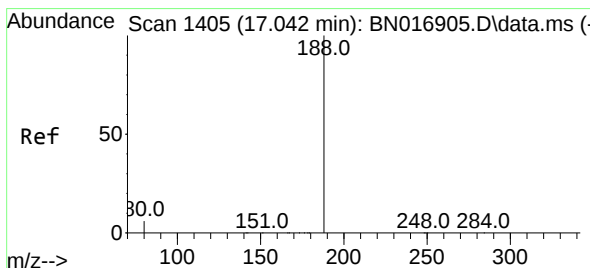
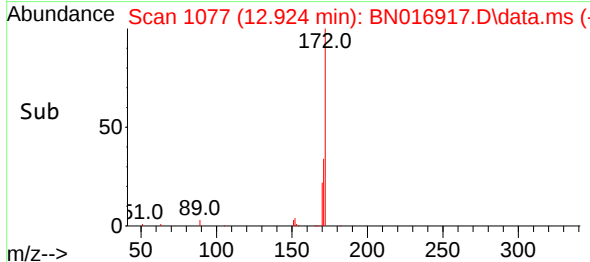
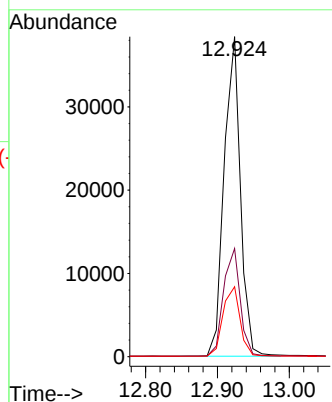
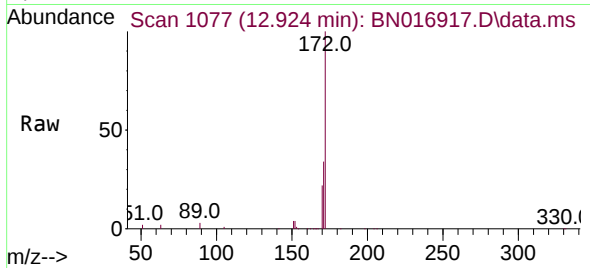




#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

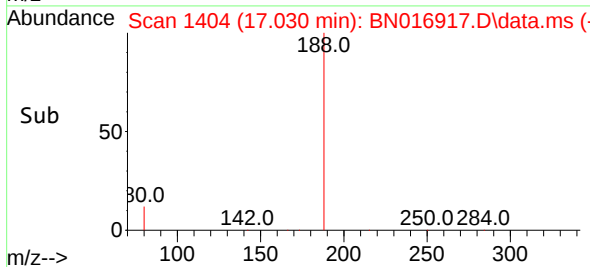
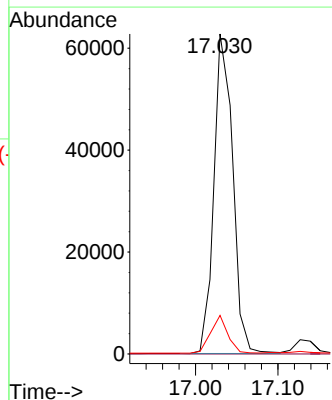
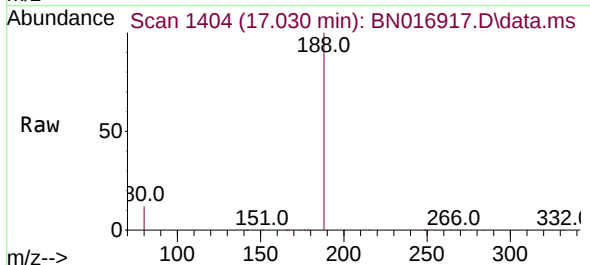
Instrument :
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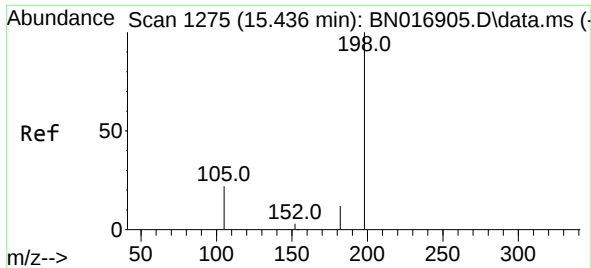
Tgt Ion:	172	Resp:	60421
Ion Ratio	Lower	Upper	
172	100		
171	33.8	27.4	41.0
170	21.8	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:	188	Resp:	99394
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.0	4.9	7.3

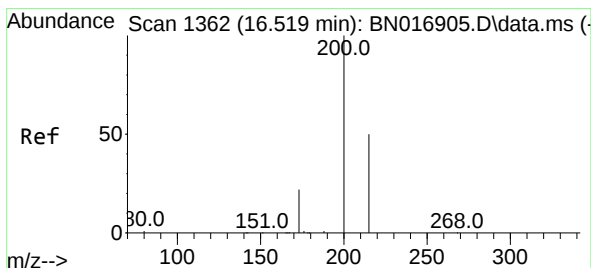
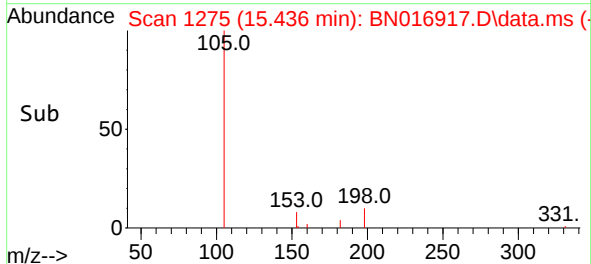
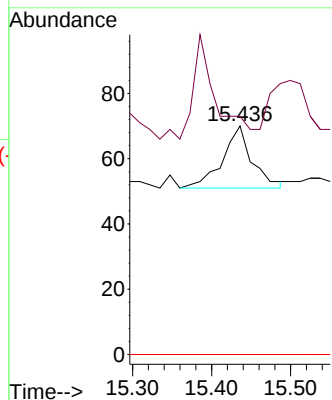
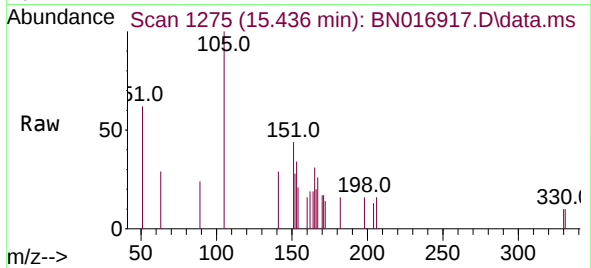




#20
4,6-Dinitro-2-methylphenol
Concen: 0.201 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

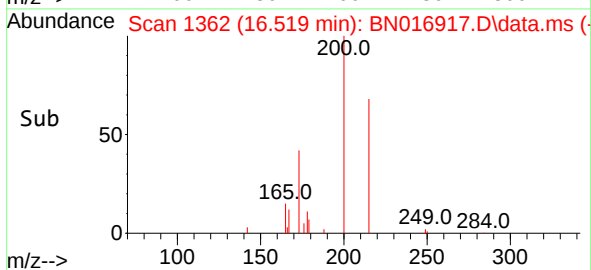
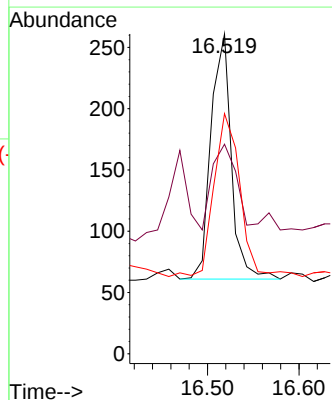
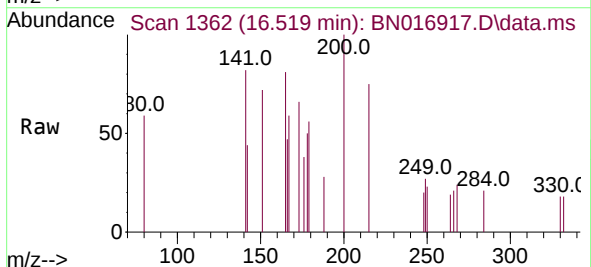
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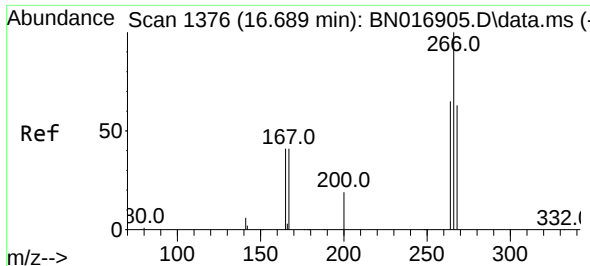
Tgt Ion:198 Resp: 49
Ion Ratio Lower Upper
198 100
182 104.3 11.0 16.6#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.096 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:200 Resp: 309
Ion Ratio Lower Upper
200 100
173 65.5 18.0 27.0#
215 75.1 40.0 60.0#

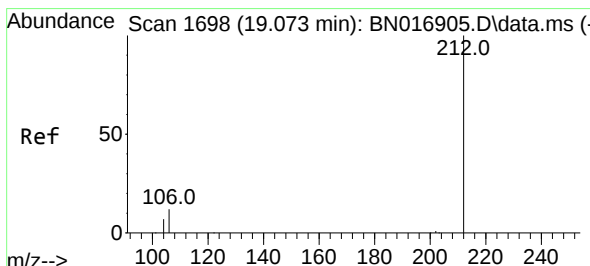
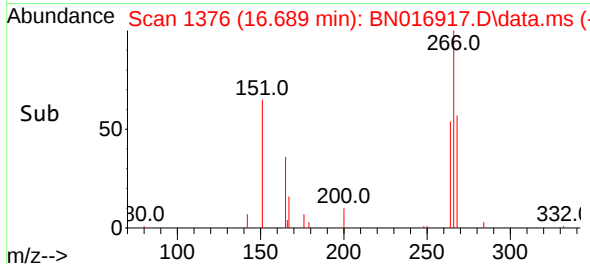
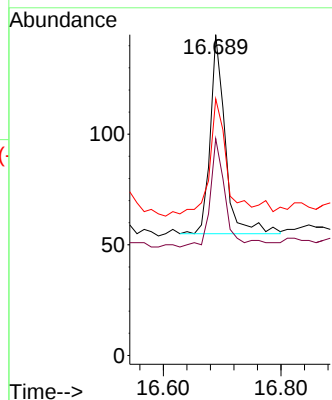
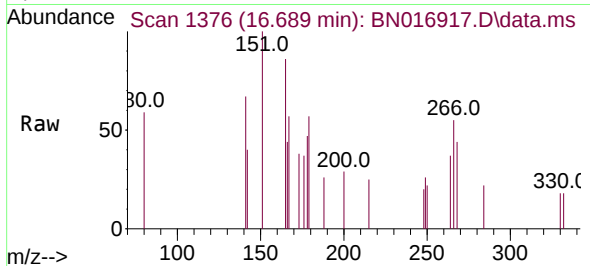




#24
 Pentachlorophenol
 Concen: 0.203 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016917.D
 Acq: 13 Oct 2021 03:13

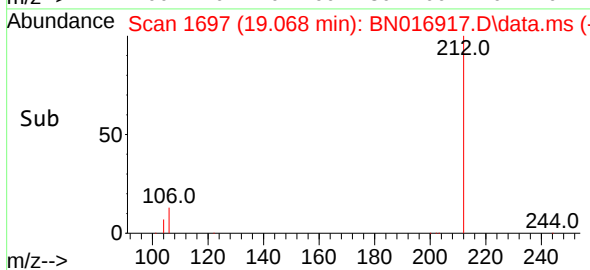
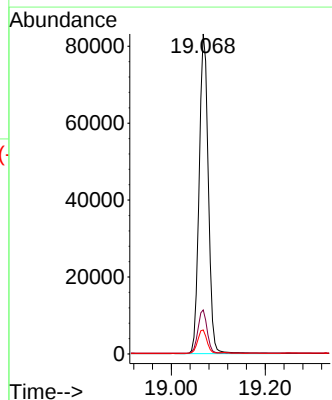
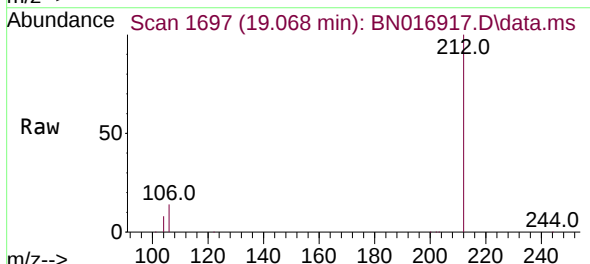
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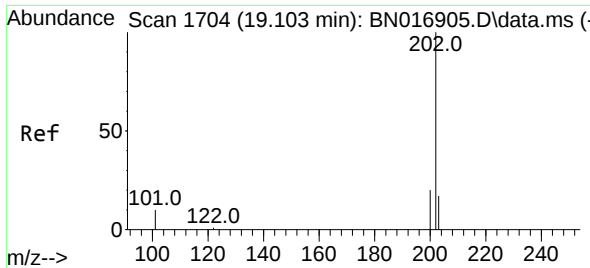
Tgt Ion:	266	Resp:	159
Ion Ratio	Lower	Upper	
266	100		
264	55.3	50.5	75.7
268	78.0	51.2	76.8#



#27
 Fluoranthene-d10
 Concen: 0.448 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. -0.005 min
 Lab File: BN016917.D
 Acq: 13 Oct 2021 03:13

Tgt Ion:	212	Resp:	111916
Ion Ratio	Lower	Upper	
212	100		
106	13.6	10.7	16.1
104	7.3	5.8	8.8

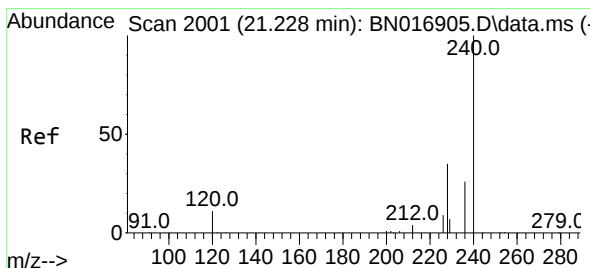
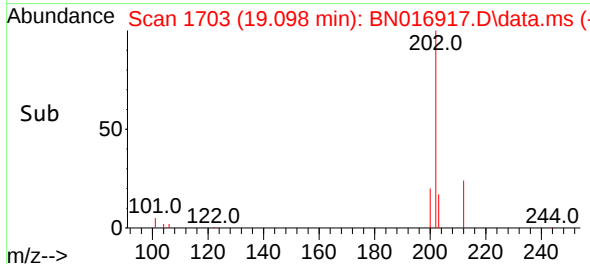
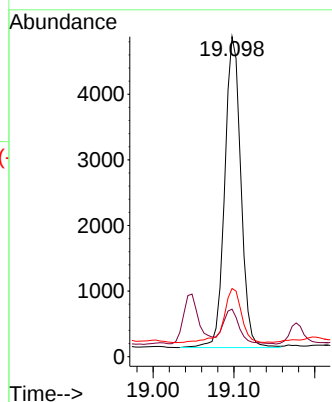
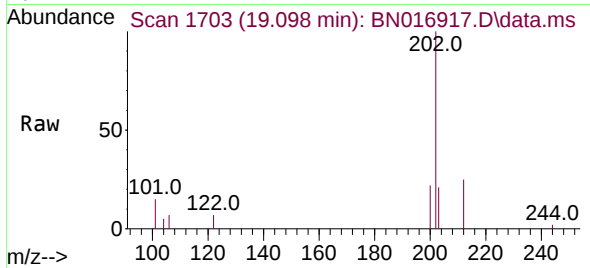




#28
Fluoranthene
Concen: 0.022 ng
RT: 19.098 min Scan# 1703
Delta R.T. -0.005 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

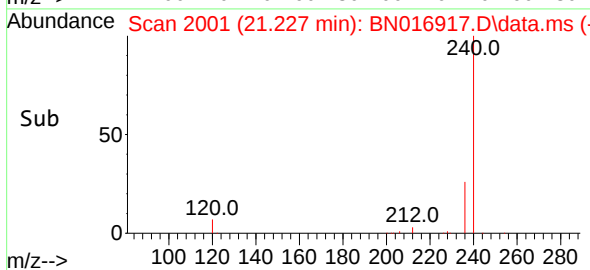
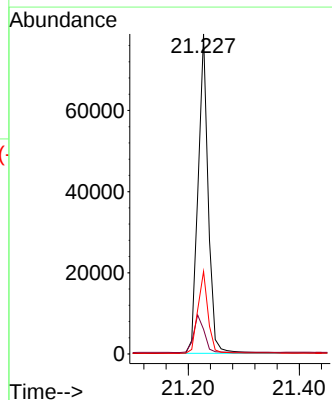
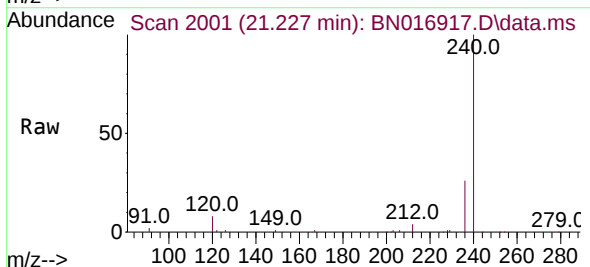
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

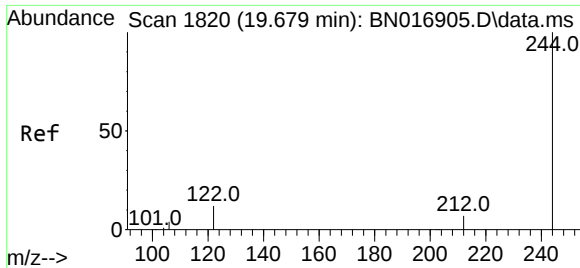
Tgt Ion:202 Resp: 6584
Ion Ratio Lower Upper
202 100
101 11.1 9.0 13.4
203 19.2 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Tgt Ion:240 Resp: 99347
Ion Ratio Lower Upper
240 100
120 7.7 8.6 12.8#
236 25.8 21.0 31.4

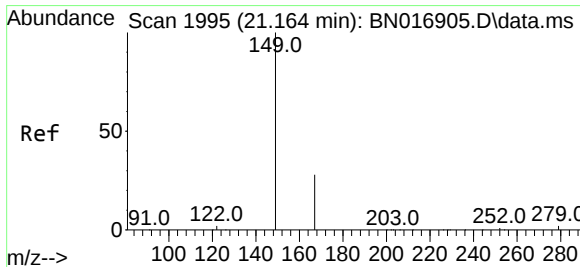
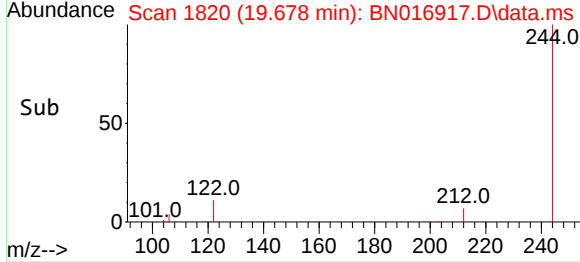
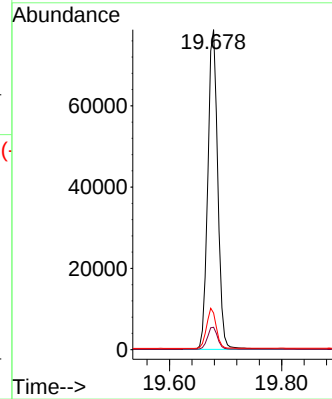
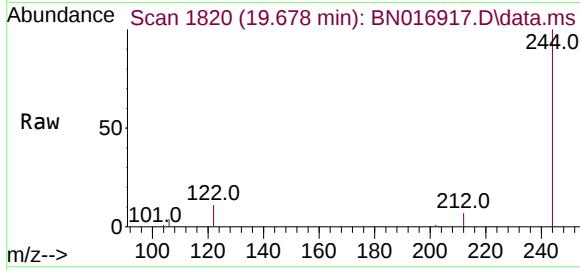




#31
 Terphenyl-d14
 Concen: 0.444 ng
 RT: 19.678 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BN016917.D
 Acq: 13 Oct 2021 03:13

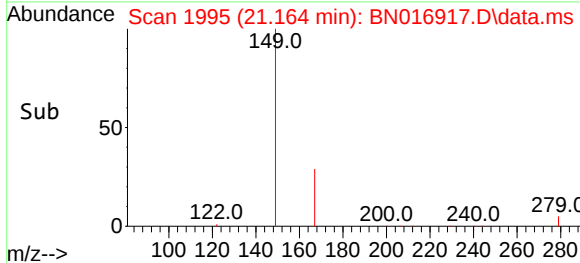
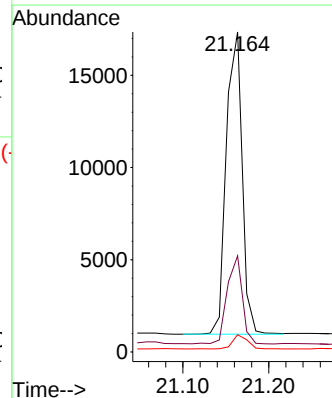
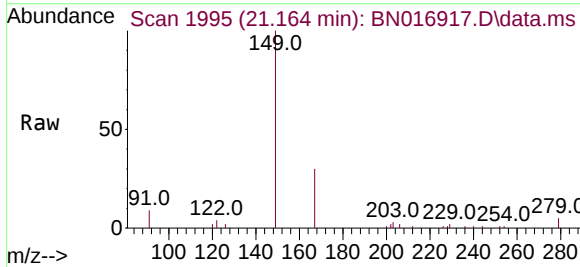
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

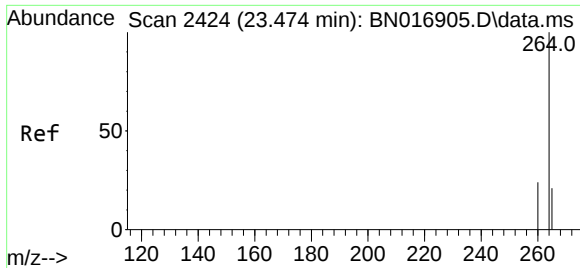
Tgt Ion:244	Resp:	96853
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.7 8.5
122	11.5	9.8 14.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.302 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: BN016917.D
 Acq: 13 Oct 2021 03:13

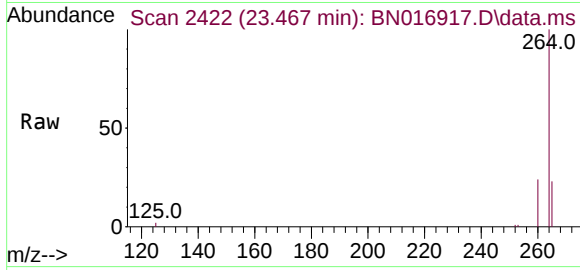
Tgt Ion:149	Resp:	21044
Ion Ratio	Lower	Upper
149	100	
167	27.7	22.1 33.1
279	4.5	3.4 5.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.467 min Scan# 2422
Delta R.T. -0.007 min
Lab File: BN016917.D
Acq: 13 Oct 2021 03:13

Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)



Tgt Ion:264 Resp: 103231

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	23.5	18.6	27.8

