

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016915.D
 Acq On : 13 Oct 2021 02:01
 Operator : CG/JU
 Sample : M4169-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Oct 13 06:19:43 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)

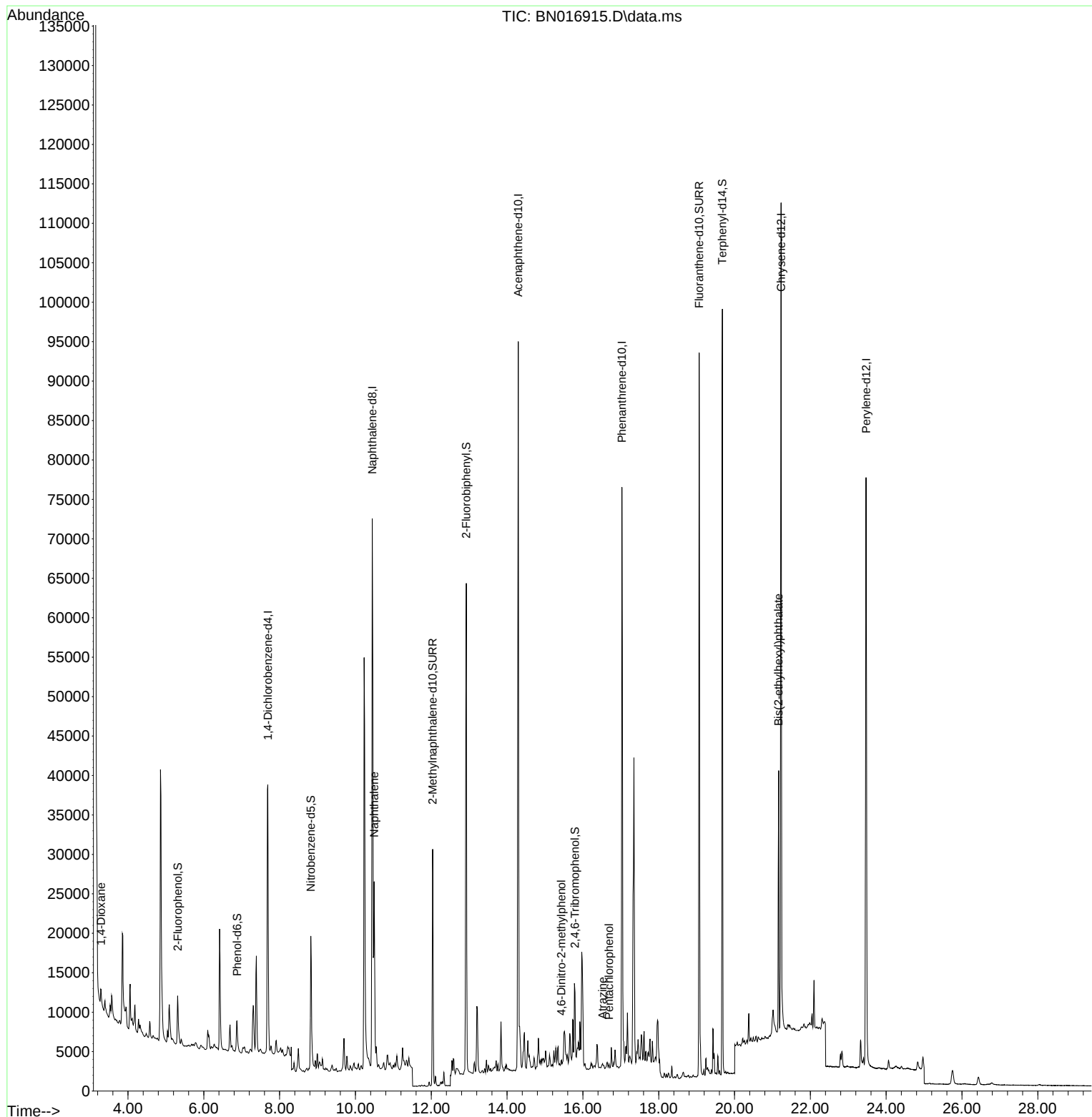
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	20827	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	94436	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	50950	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	98346	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	96298	0.400	ng	# 0.00
35) Perylene-d12	23.471	264	99874	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	6965	0.147	ng	0.02
5) Phenol-d6	6.877	99	4705	0.089	ng	0.00
8) Nitrobenzene-d5	8.822	82	16269	0.271	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	40870	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	8738	0.378	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	55153	0.286	ng	0.00
27) Fluoranthene-d10	19.068	212	101752	0.412	ng	0.00
31) Terphenyl-d14	19.678	244	96393	0.456	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	604	0.043	ng	# 57
9) Naphthalene	10.495	128	28110	0.115	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	53	0.201	ng	# 1
23) Atrazine	16.519	200	305	0.096	ng	# 34
24) Pentachlorophenol	16.689	266	202	0.204	ng	88
34) Bis(2-ethylhexyl)phtha...	21.164	149	29383	0.351	ng	99

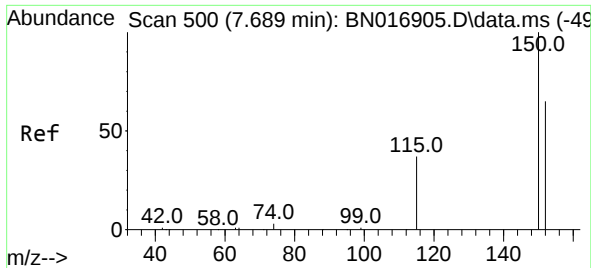
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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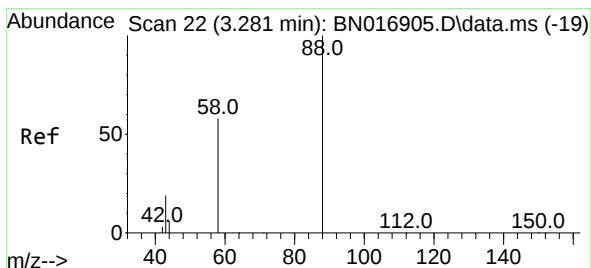
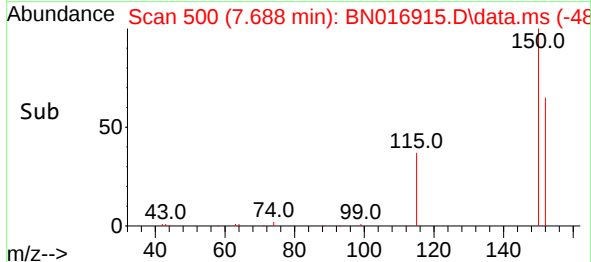
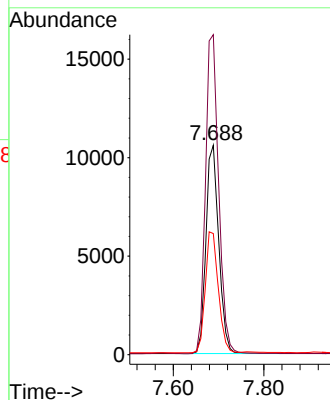
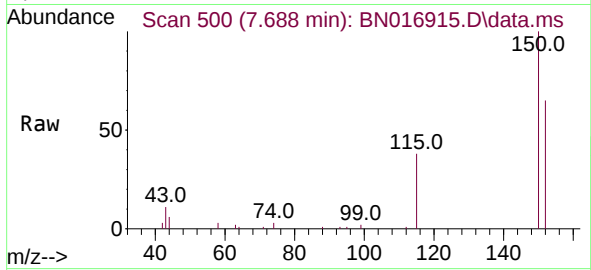




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 500
 Delta R.T. -0.001 min
 Lab File: BN016915.D
 Acq: 13 Oct 2021 02:01

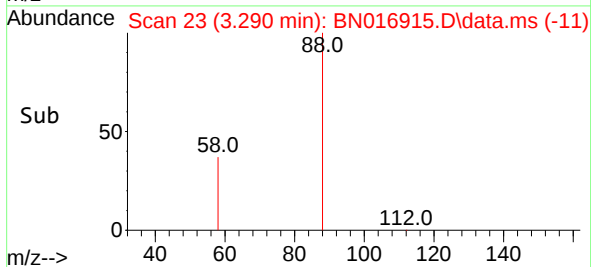
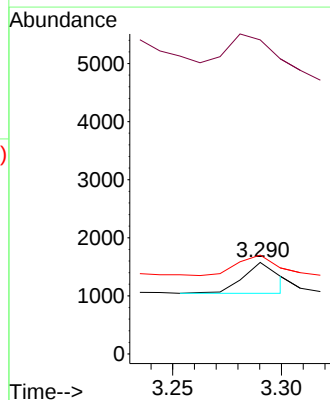
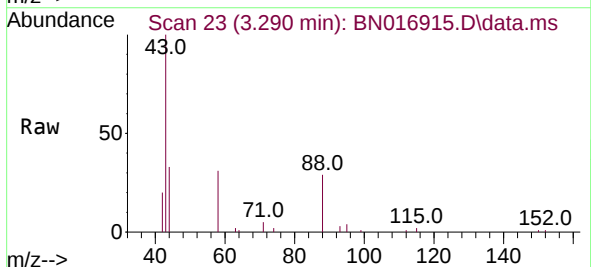
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

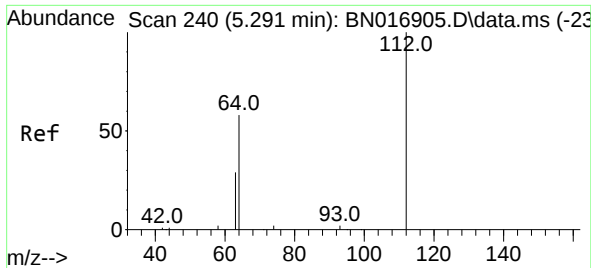
Tgt Ion:	152	Resp:	20827
Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.6	183.8
115	57.8	46.1	69.1



#2
 1,4-Dioxane
 Concen: 0.043 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016915.D
 Acq: 13 Oct 2021 02:01

Tgt Ion:	88	Resp:	604
Ion	Ratio	Lower	Upper
88	100		
43	96.9	24.3	36.5#
58	69.0	65.2	97.8

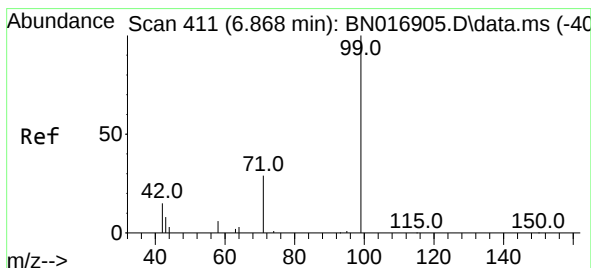
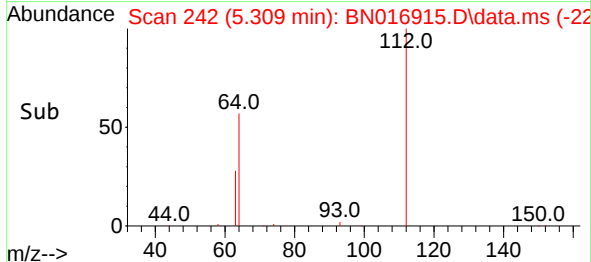
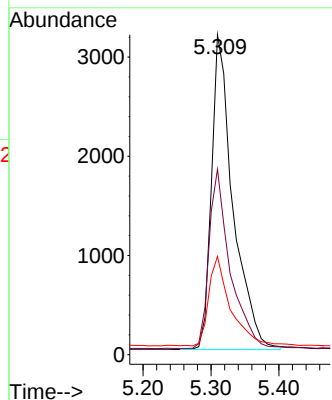
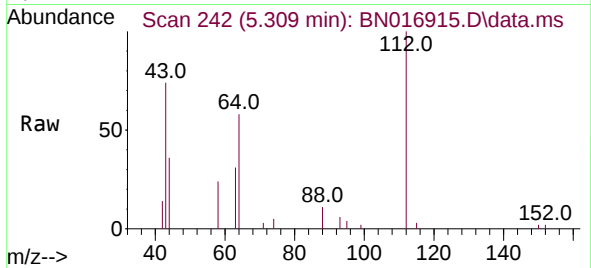




#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.018 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

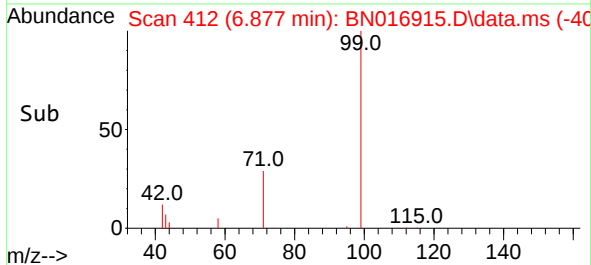
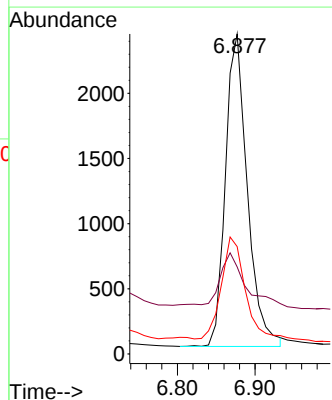
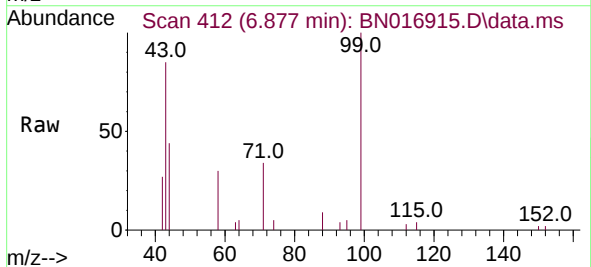
Instrument :
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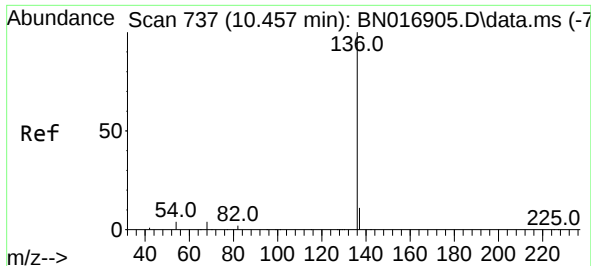
Tgt Ion:112 Resp: 6965
Ion Ratio Lower Upper
112 100
64 56.0 45.0 67.4
63 28.7 22.6 33.8



#5
Phenol-d6
Concen: 0.089 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

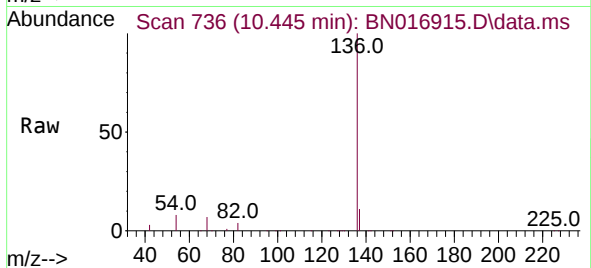
Tgt Ion: 99 Resp: 4705
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 35.0 24.5 36.7



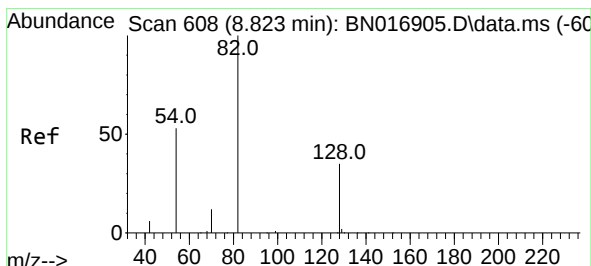
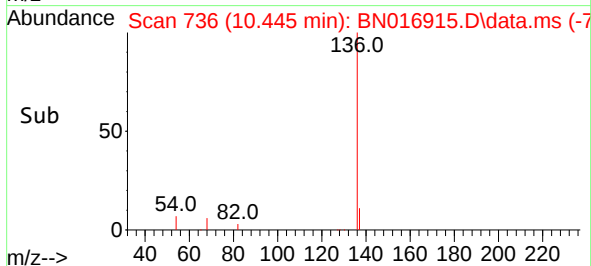
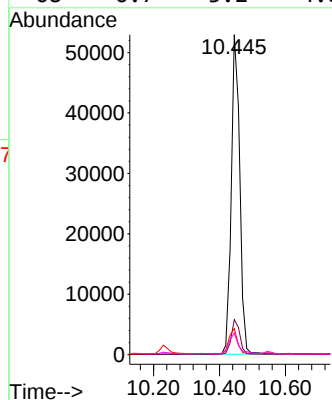


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

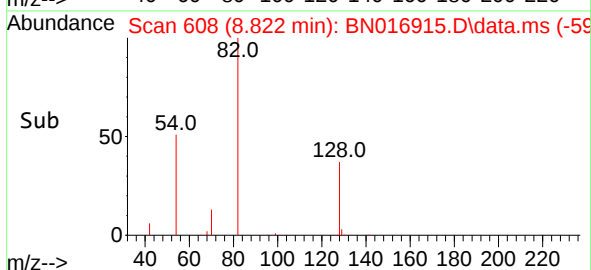
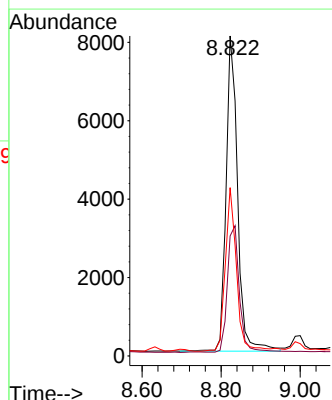
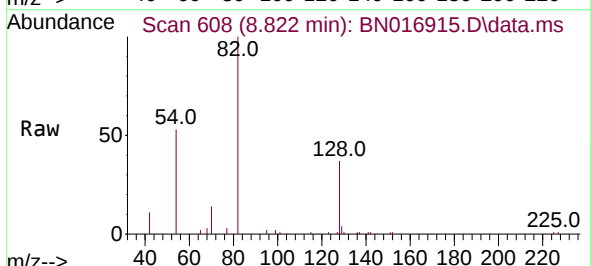


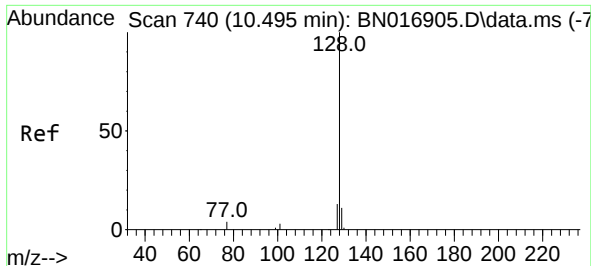
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.2	3.7	5.5#
68	6.7	3.2	4.8#



#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	28.3	42.5
54	52.6	43.0	64.4

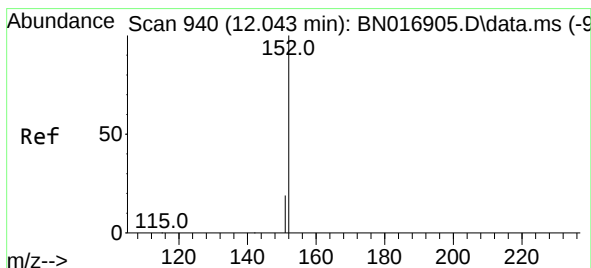
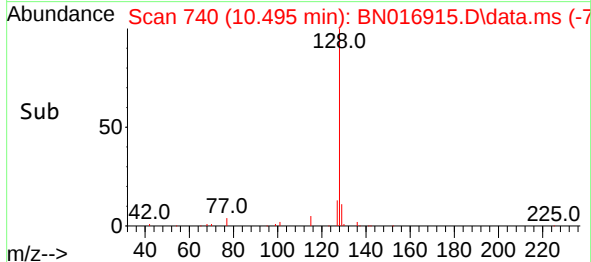
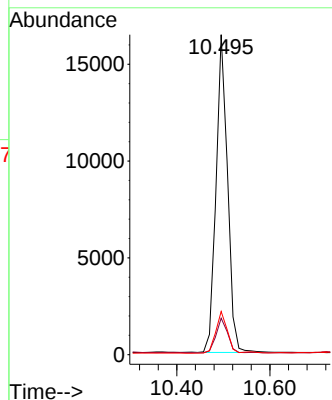
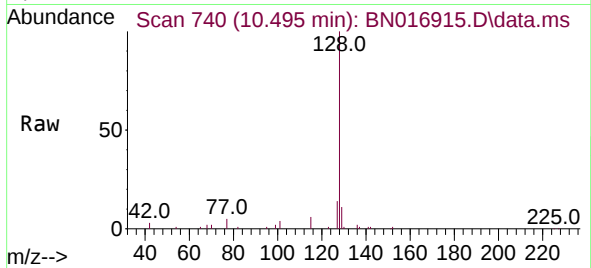




#9
Naphthalene
Concen: 0.115 ng
RT: 10.495 min Scan# 740
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

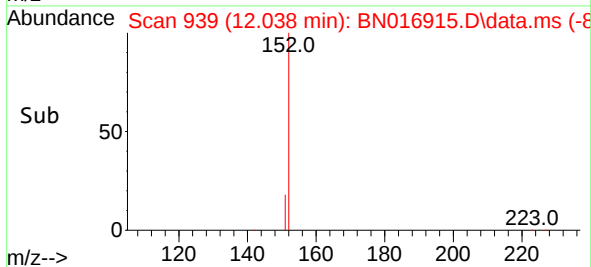
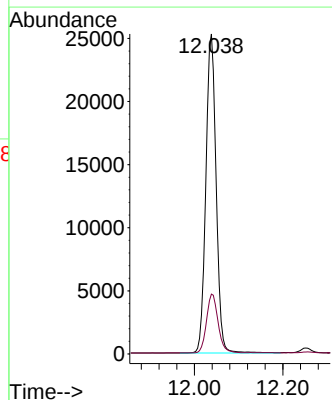
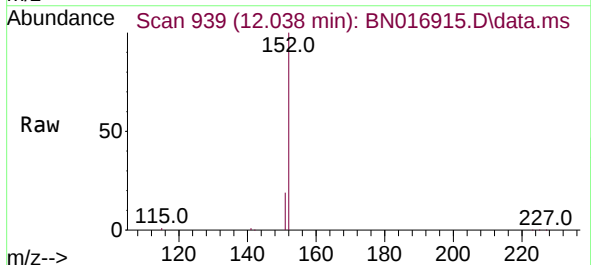
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

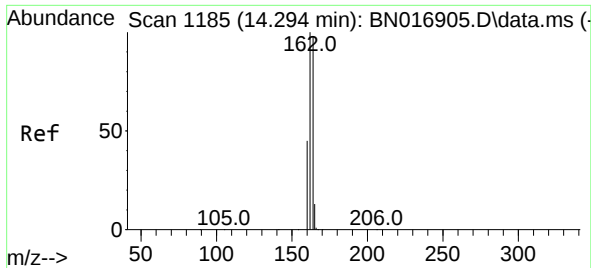
Tgt Ion:128 Resp: 28110
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.5 10.6 16.0



#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

Tgt Ion:152 Resp: 40870
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4

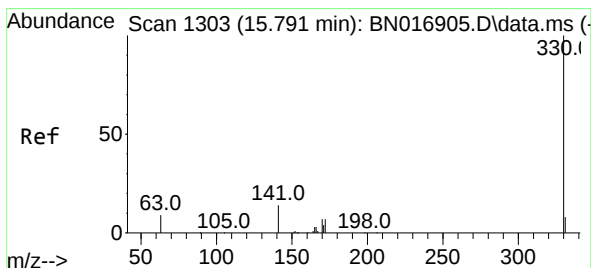
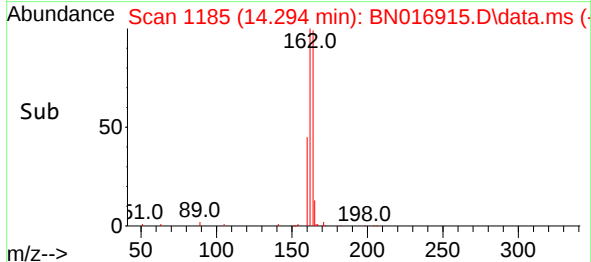
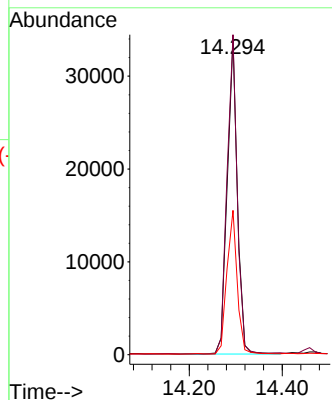
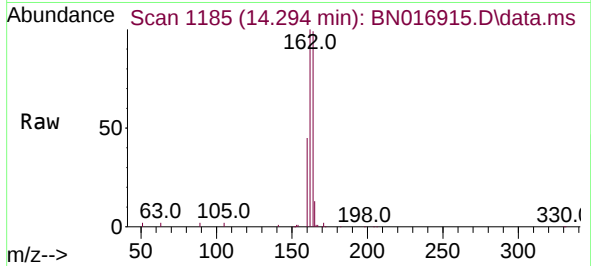




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

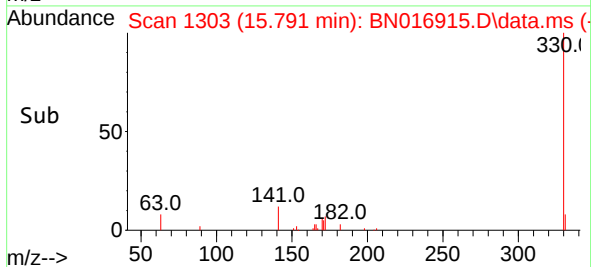
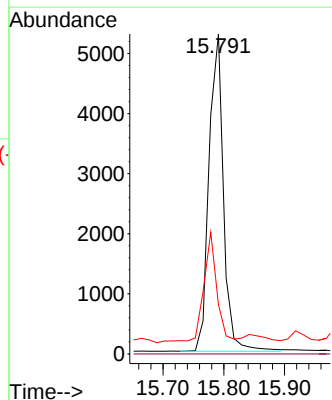
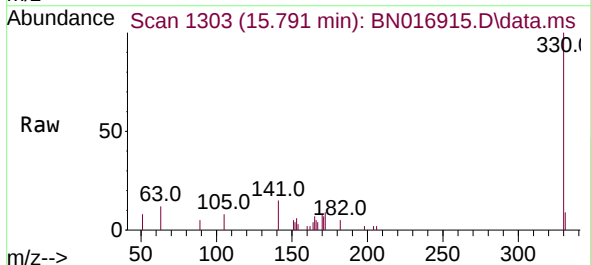
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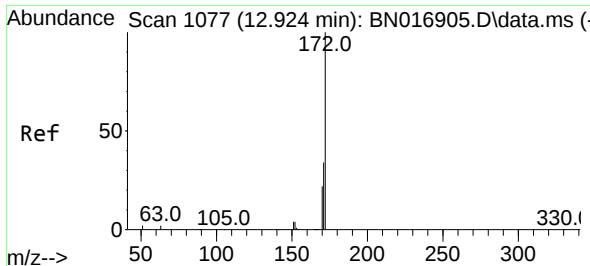
Tgt Ion:164 Resp: 50950
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 45.7 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

Tgt Ion:330 Resp: 8738
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 24.4 36.6

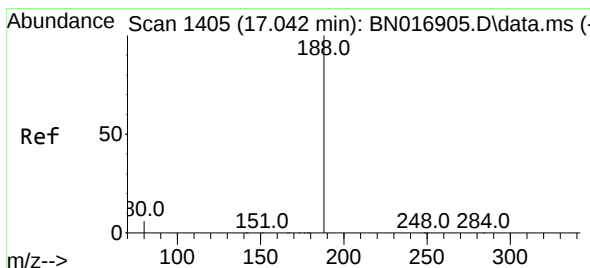
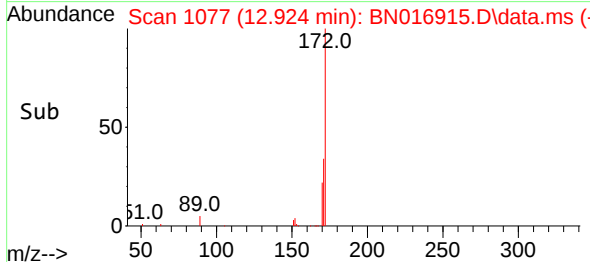
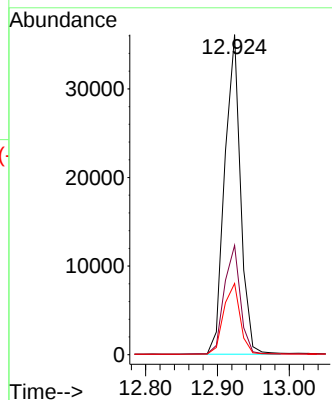
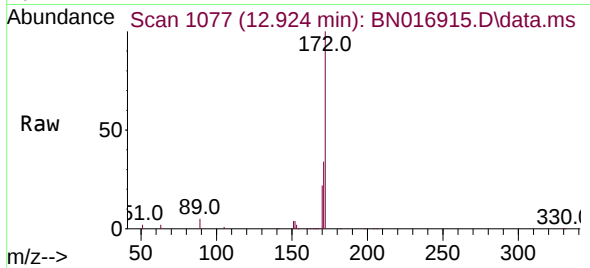




#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

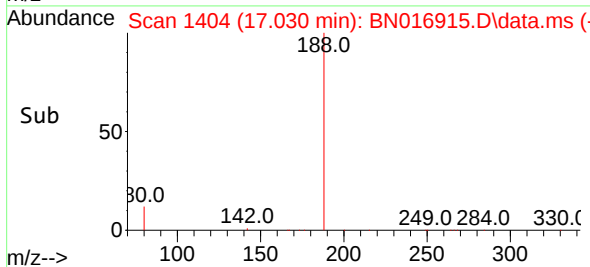
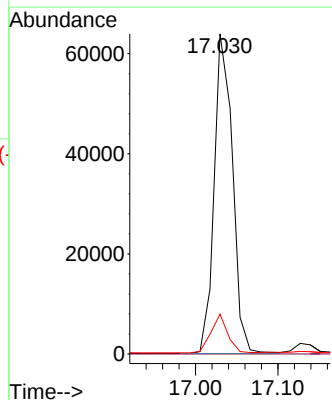
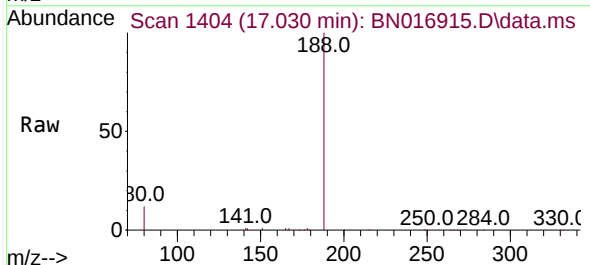
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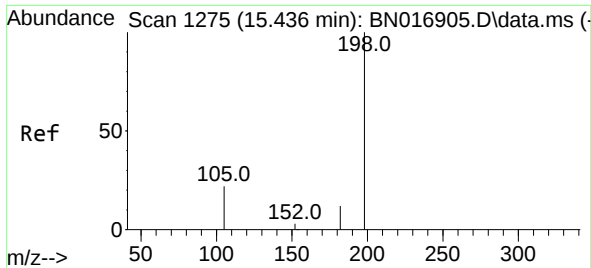
Tgt Ion:	172	Resp:	55153
Ion Ratio	Lower	Upper	
172	100		
171	34.2	27.4	41.0
170	22.2	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

Tgt Ion:	188	Resp:	98346
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.4	4.9	7.3

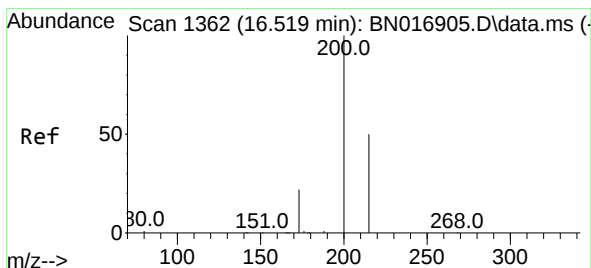
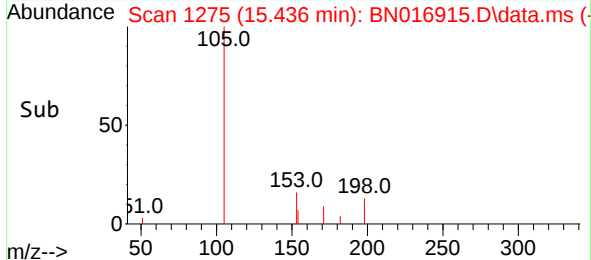
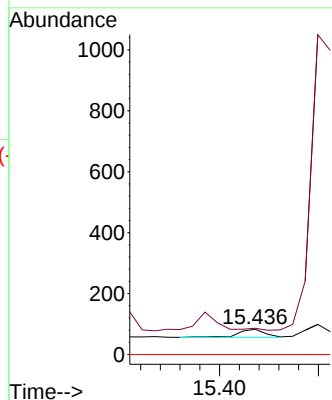
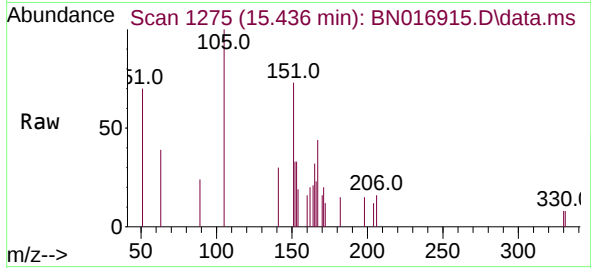




#20
4,6-Dinitro-2-methylphenol
Concen: 0.201 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

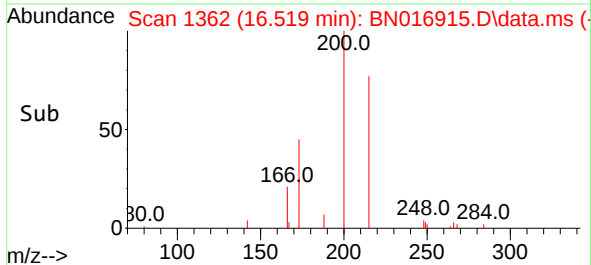
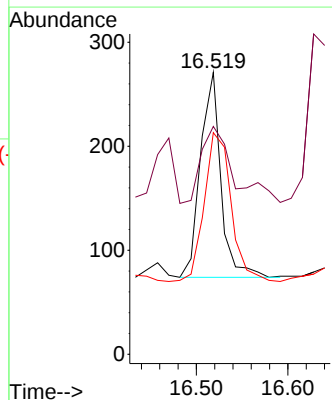
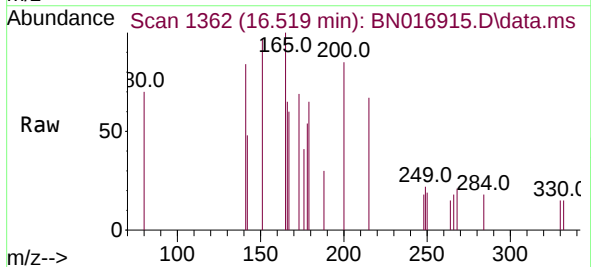
Instrument :
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SW-RR-03-(SA)

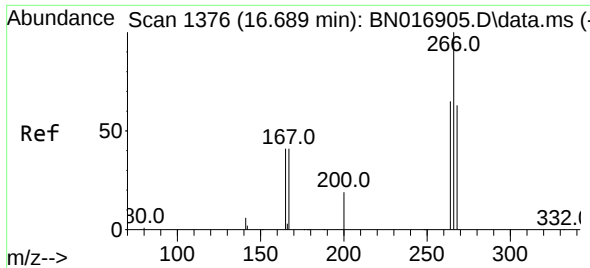
Tgt Ion:198 Resp: 53
Ion Ratio Lower Upper
198 100
182 103.6 11.0 16.6#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.096 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

Tgt Ion:200 Resp: 305
Ion Ratio Lower Upper
200 100
173 80.8 18.0 27.0#
215 78.6 40.0 60.0#

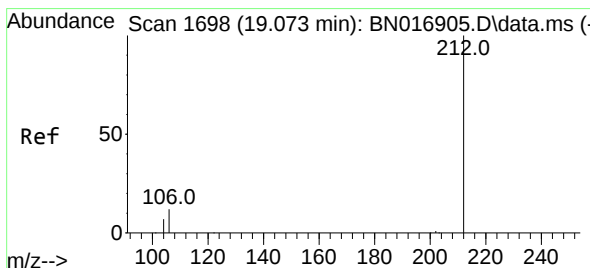
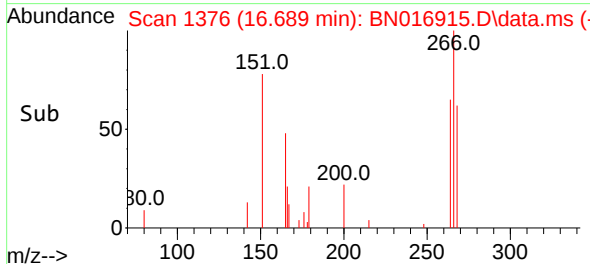
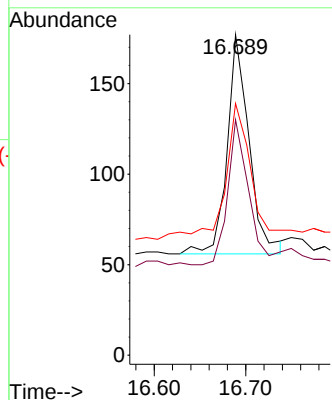
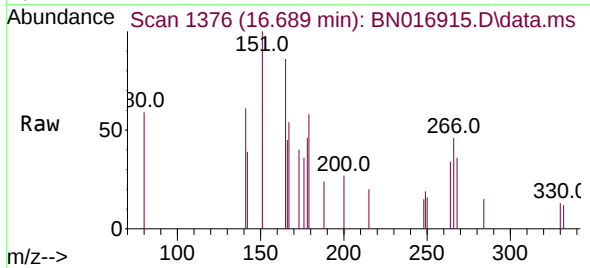




#24
 Pentachlorophenol
 Concen: 0.204 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016915.D
 Acq: 13 Oct 2021 02:01

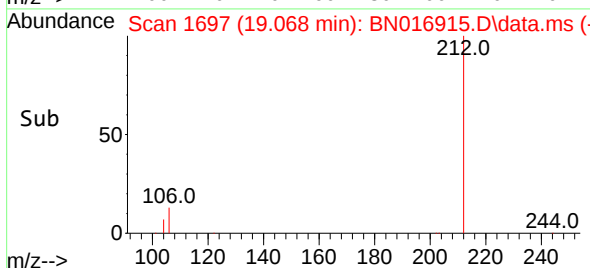
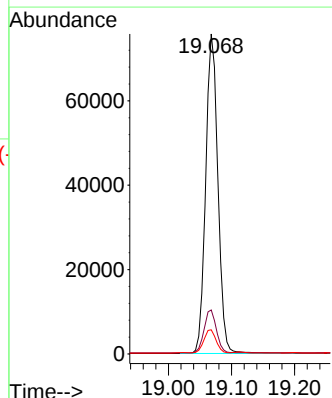
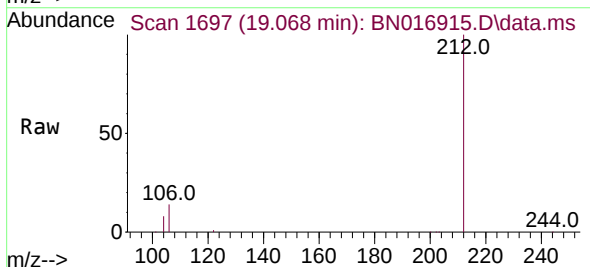
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

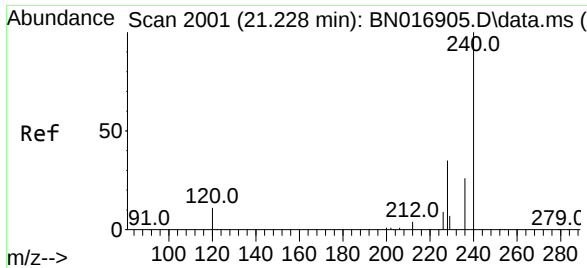
Tgt Ion:	266	Resp:	202
Ion Ratio	Lower	Upper	
266	100		
264	71.8	50.5	75.7
268	74.8	51.2	76.8



#27
 Fluoranthene-d10
 Concen: 0.412 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. -0.005 min
 Lab File: BN016915.D
 Acq: 13 Oct 2021 02:01

Tgt Ion:	212	Resp:	101752
Ion Ratio	Lower	Upper	
212	100		
106	13.5	10.7	16.1
104	7.4	5.8	8.8

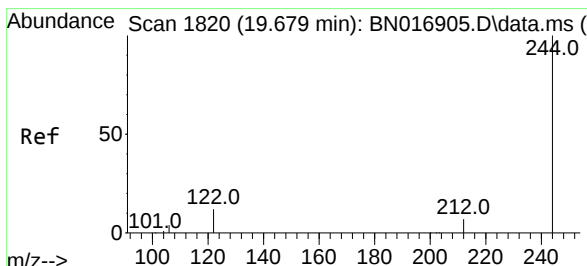
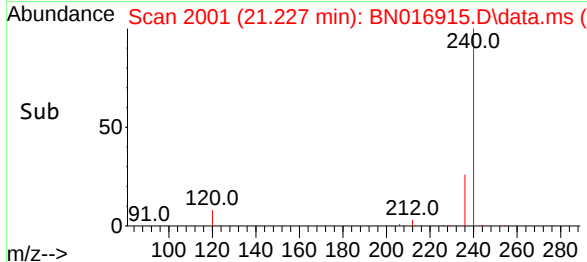
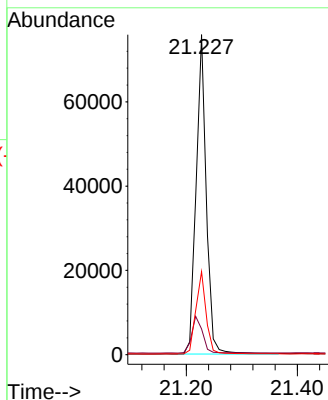
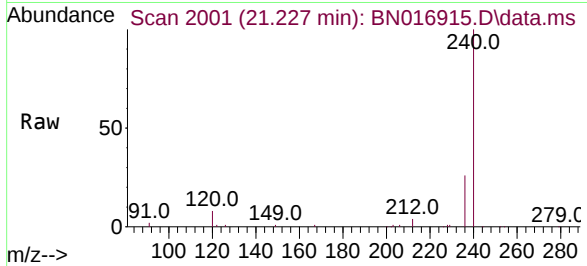




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

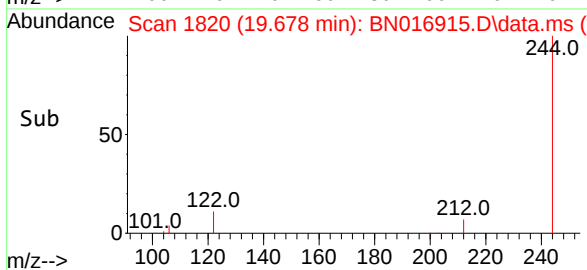
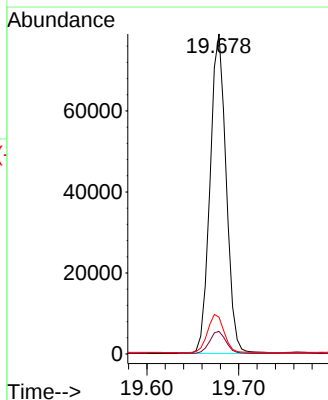
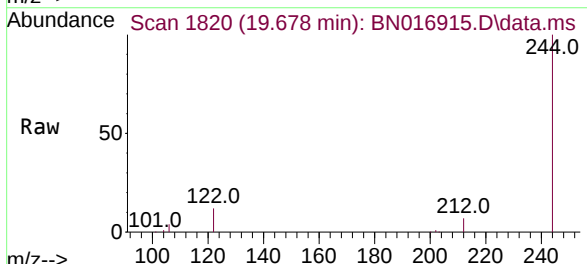
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

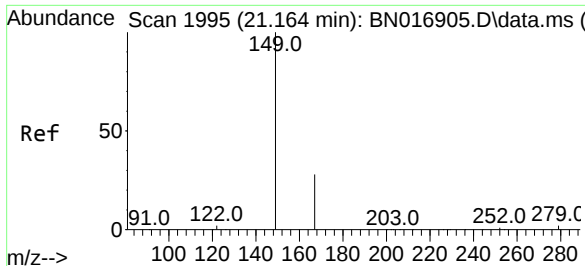
Tgt Ion:240 Resp: 96298
Ion Ratio Lower Upper
240 100
120 8.1 8.6 12.8#
236 26.0 21.0 31.4



#31
Terphenyl-d14
Concen: 0.456 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

Tgt Ion:244 Resp: 96393
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.5 9.8 14.6

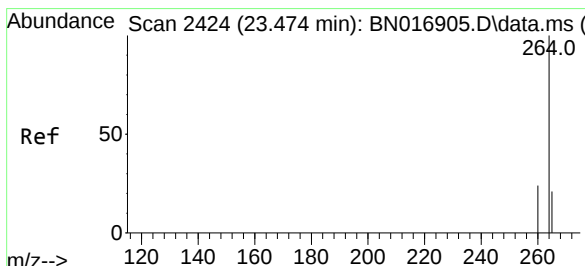
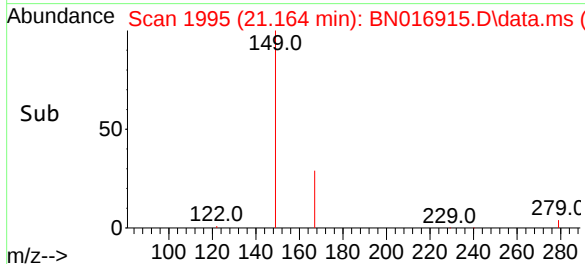
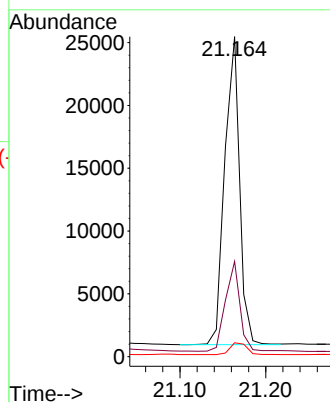
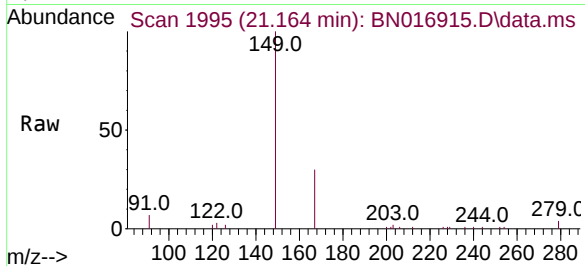




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.351 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: BN016915.D
 Acq: 13 Oct 2021 02:01

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

Tgt Ion:149	Resp:	29383
Ion Ratio	Lower	Upper
149	100	
167	28.3	22.1 33.1
279	4.4	3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.471 min Scan# 2423
 Delta R.T. -0.004 min
 Lab File: BN016915.D
 Acq: 13 Oct 2021 02:01

Tgt Ion:264	Resp:	99874
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.4 29.2
265	23.5	18.6 27.8

