

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
 Data File : BN016215.D
 Acq On : 05 Sep 2021 05:33
 Operator : CG/JU
 Sample : M3620-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-640-642

Quant Time: Sep 06 06:22:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 06 02:08:58 2021
 Response via : Initial Calibration

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

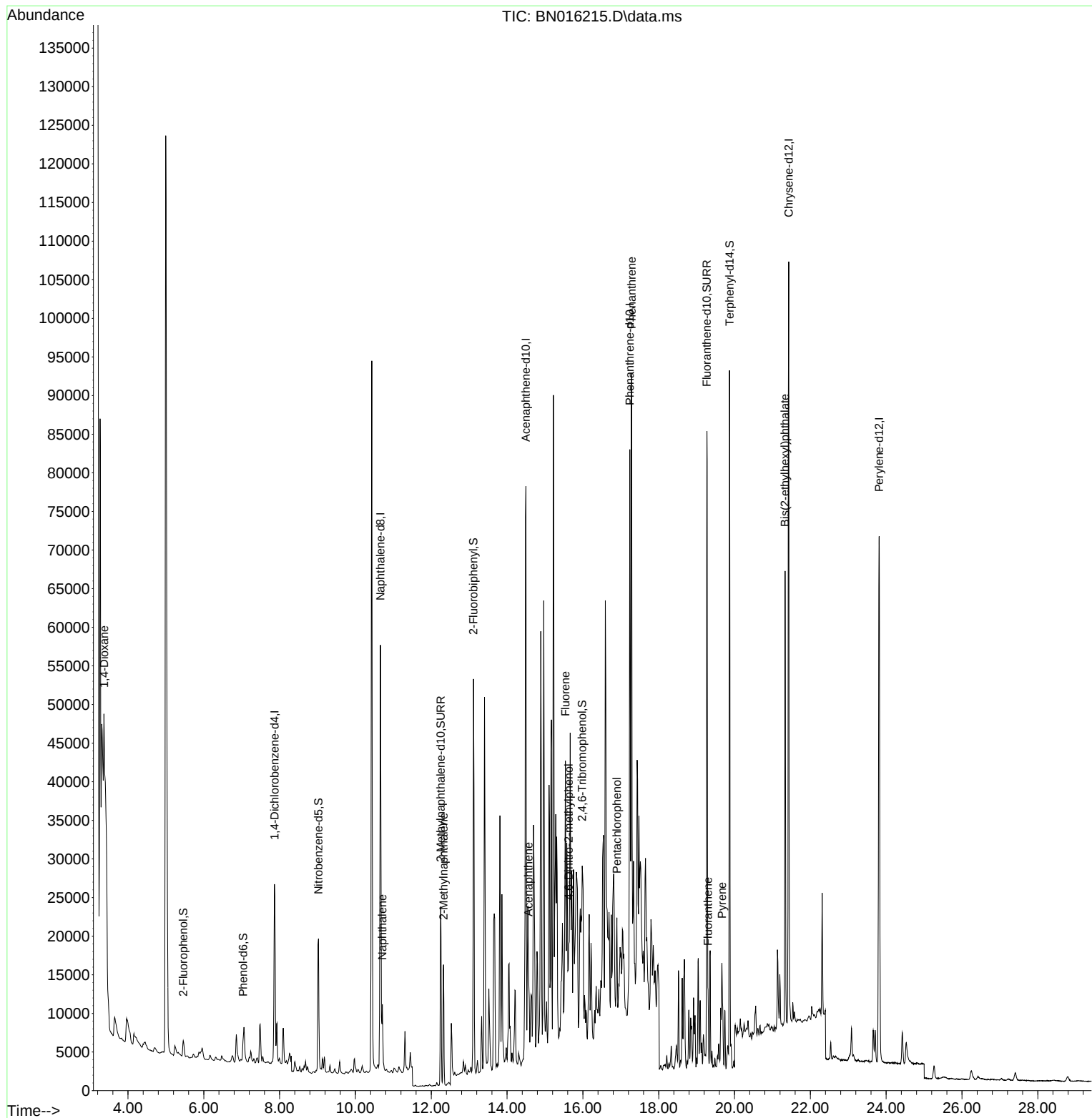
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	14538	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	78294	0.400	ng	# 0.00
13) Acenaphthene-d10	14.497	164	47347	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	94377	0.400	ng	#-0.01
29) Chrysene-d12	21.429	240	99530	0.400	ng	# 0.00
35) Perylene-d12	23.813	264	101387	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	3014	0.073	ng	0.00
5) Phenol-d6	7.034	99	2489	0.047	ng	0.00
8) Nitrobenzene-d5	9.025	82	17020	0.271	ng	0.00
11) 2-Methylnaphthalene-d10	12.247	152	33241	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.981	330	4163	0.197	ng	-0.01
15) 2-Fluorobiphenyl	13.114	172	48058	0.269	ng	-0.01
27) Fluoranthene-d10	19.271	212	97610	0.344	ng	-0.01
31) Terphenyl-d14	19.867	244	92161	0.366	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	10908	2.345	ng	# 63
9) Naphthalene	10.711	128	11318	0.055	ng	97
12) 2-Methylnaphthalene	12.323	142	11803	0.084	ng	99
17) Acenaphthene	14.560	154	6280	0.047	ng	# 66
18) Fluorene	15.537	166	17014	0.101	ng	# 80
20) 4,6-Dinitro-2-methylph...	15.626	198	1374	0.440	ng	88
24) Pentachlorophenol	16.896	266	1716	0.429	ng	98
25) Phenanthrene	17.285	178	96813	0.366	ng	# 92
28) Fluoranthene	19.301	202	8325	0.027	ng	# 91
30) Pyrene	19.668	202	16504	0.051	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.333	149	55034	0.245	ng	98

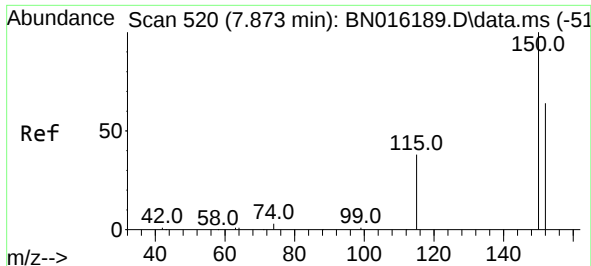
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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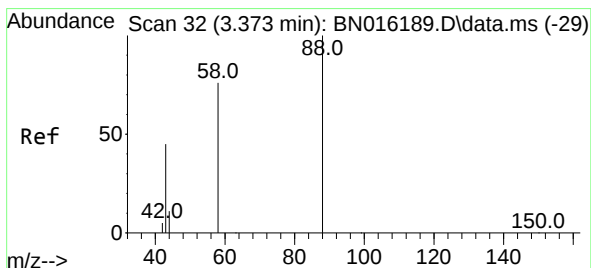
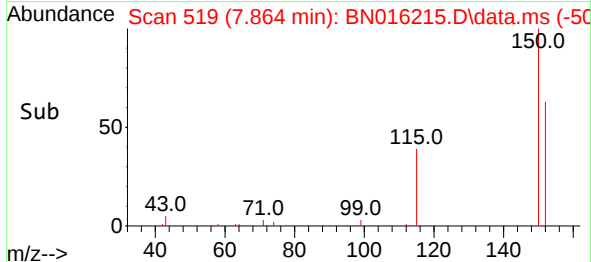
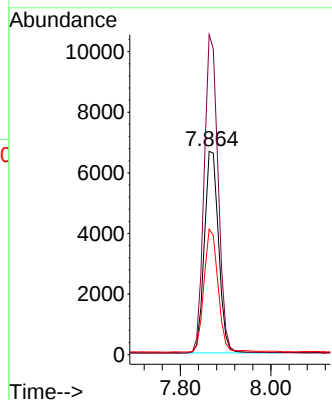
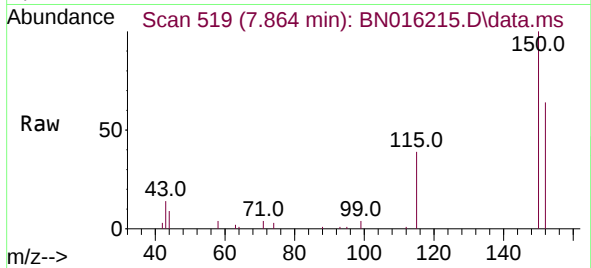




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.009 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

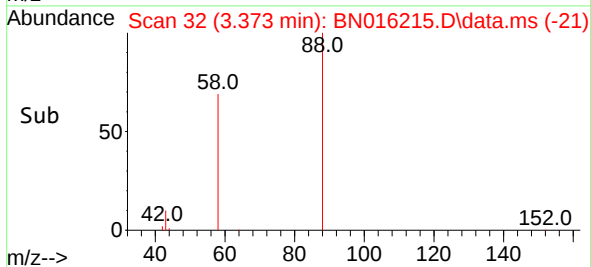
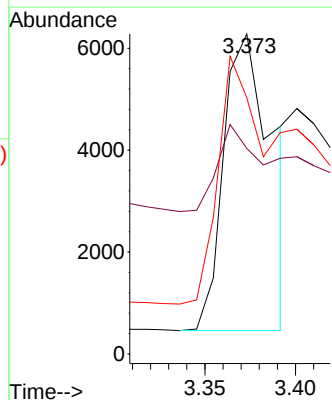
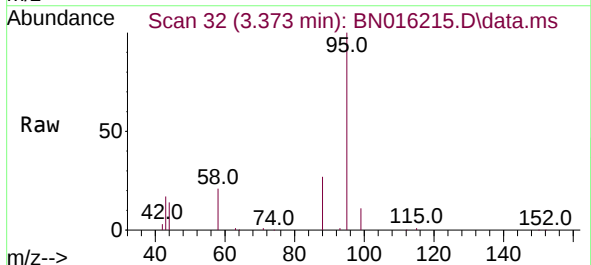
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-640-642

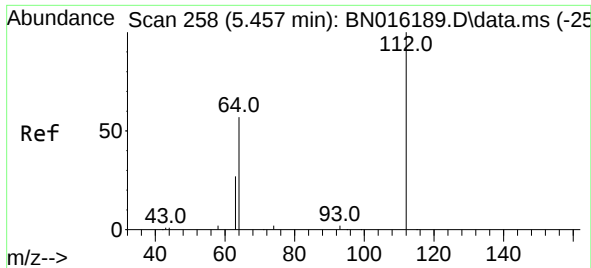
Tgt Ion:152 Resp: 14538
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 61.7 48.4 72.6



#2
1,4-Dioxane
Concen: 2.345 ng
RT: 3.373 min Scan# 32
Delta R.T. -0.000 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

Tgt Ion: 88 Resp: 10908
Ion Ratio Lower Upper
88 100
43 28.4 77.0 115.4#
58 85.9 70.8 106.2

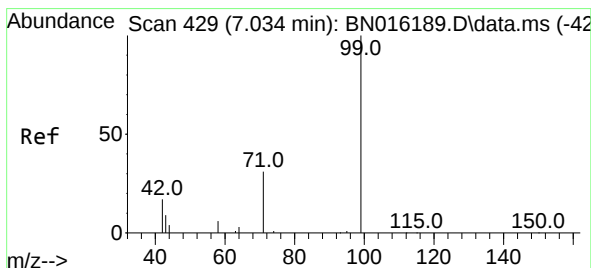
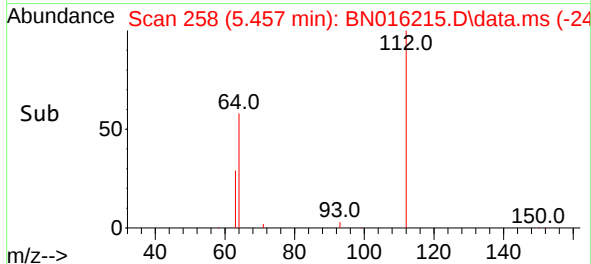
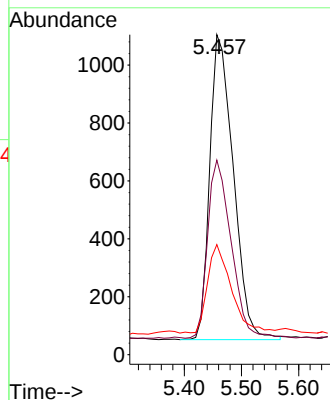
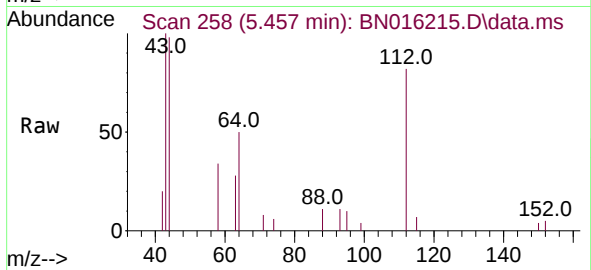




#4
2-Fluorophenol
Concen: 0.073 ng
RT: 5.457 min Scan# 258
Delta R.T. -0.000 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

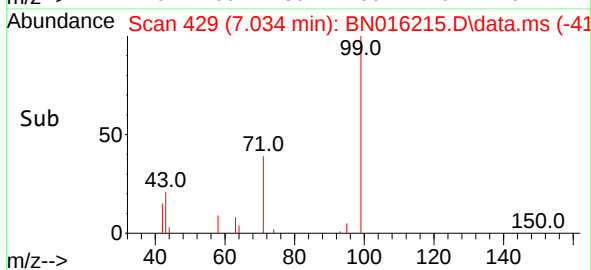
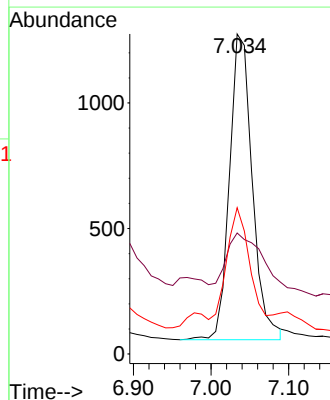
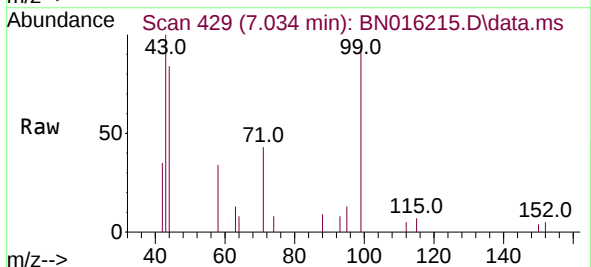
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-640-642

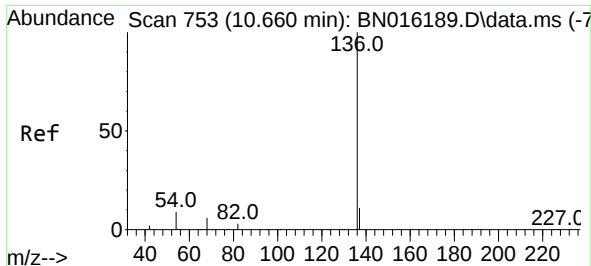
Tgt Ion:	112	Resp:	3014
Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.8	70.2
63	28.9	22.7	34.1



#5
Phenol-d6
Concen: 0.047 ng
RT: 7.034 min Scan# 429
Delta R.T. -0.000 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

Tgt Ion:	99	Resp:	2489
Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.8	20.6
71	36.1	24.3	36.5

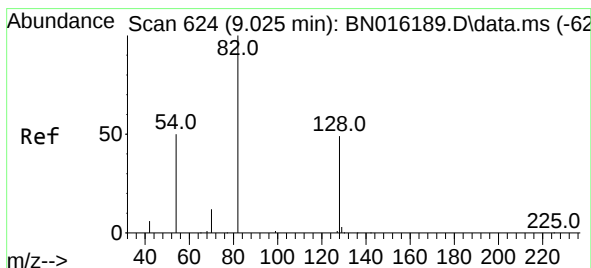
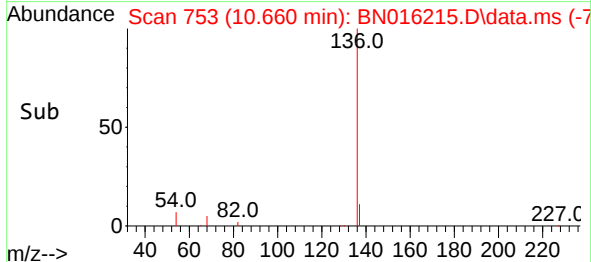
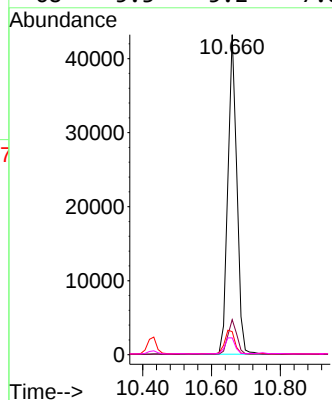
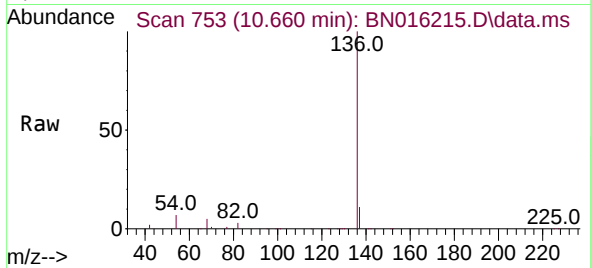




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

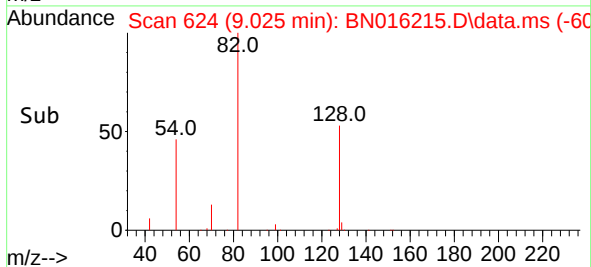
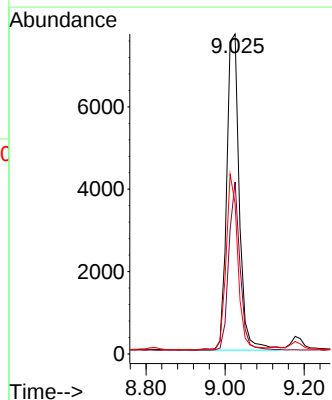
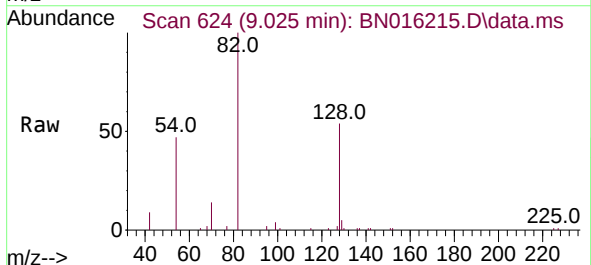
Instrument :
BNA_N
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BP-TT-VPB-RW7-GW-640-642

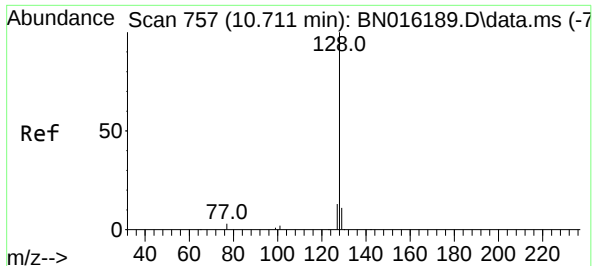
Tgt Ion:	136	Resp:	78294
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.2	7.2	10.8#
68	5.3	5.2	7.8



#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 9.025 min Scan# 624
Delta R.T. -0.000 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

Tgt Ion:	82	Resp:	17020
Ion Ratio	Lower	Upper	
82	100		
128	53.7	39.3	58.9
54	47.0	40.2	60.4

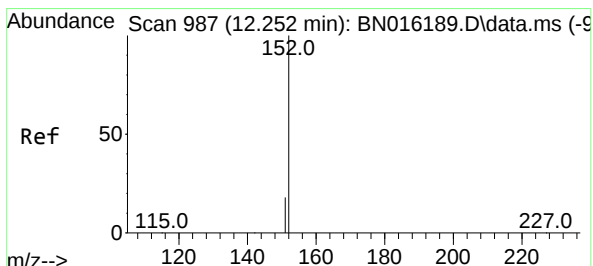
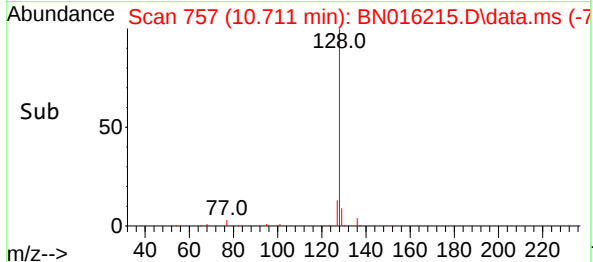
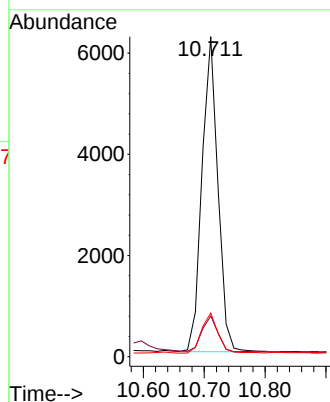
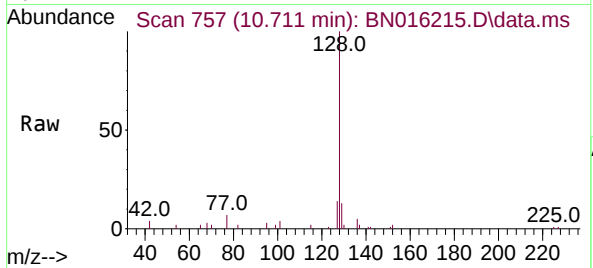




#9
Naphthalene
Concen: 0.055 ng
RT: 10.711 min Scan# 757
Delta R.T. -0.000 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

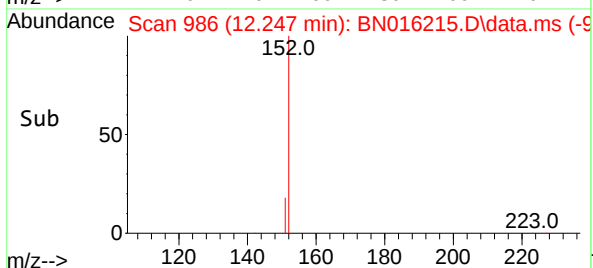
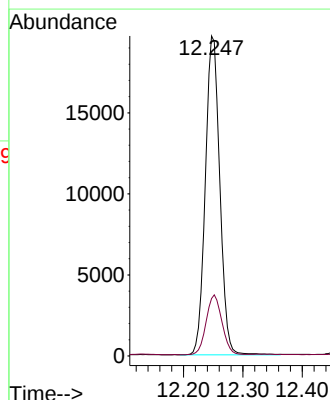
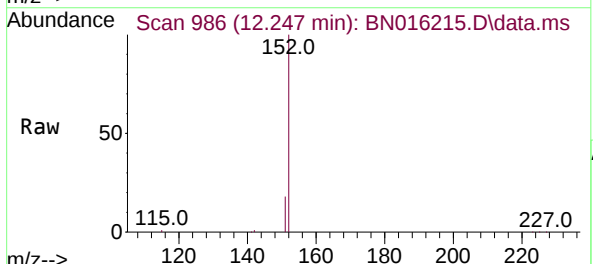
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-640-642

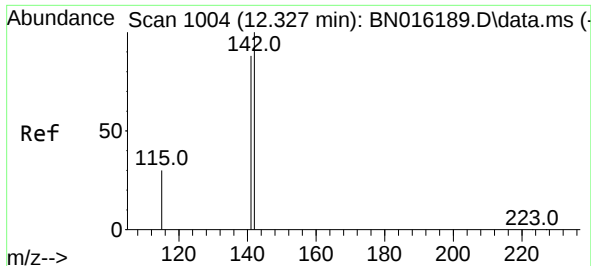
Tgt Ion:	128	Resp:	11318
Ion Ratio	Lower	Upper	
128	100		
129	12.7	8.9	13.3
127	13.6	10.4	15.6



#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.247 min Scan# 986
Delta R.T. -0.005 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

Tgt Ion:	152	Resp:	33241
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2

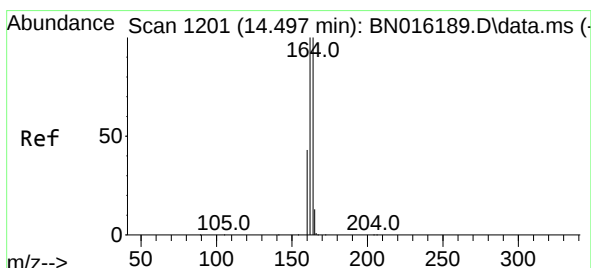
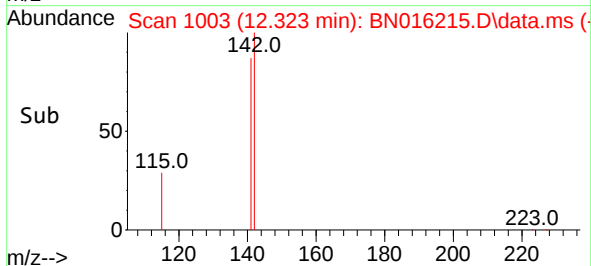
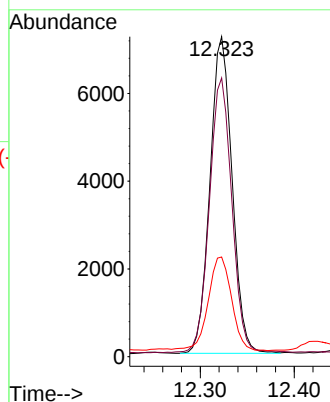
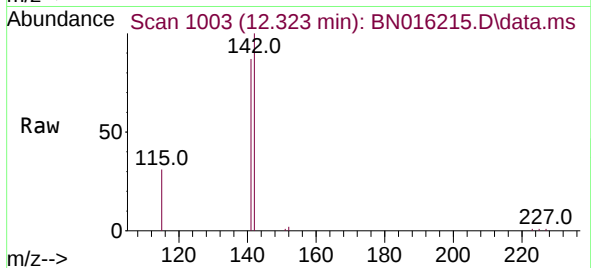




#12
2-Methylnaphthalene
Concen: 0.084 ng
RT: 12.323 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

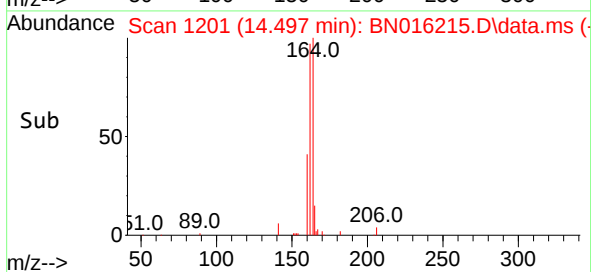
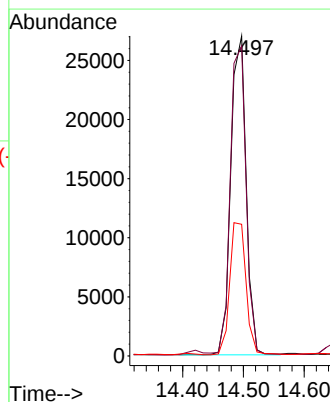
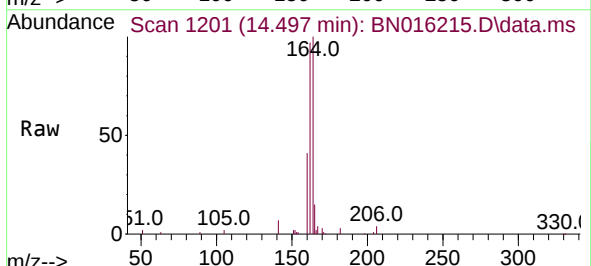
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ClientSampleId :
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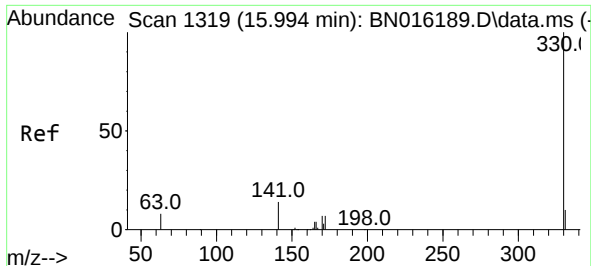
Tgt Ion:	142	Resp:	11803
Ion Ratio	Lower	Upper	
142	100		
141	87.1	70.4	105.6
115	31.1	24.4	36.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

Tgt Ion:	164	Resp:	47347
Ion Ratio	Lower	Upper	
164	100		
162	96.9	79.8	119.6
160	41.2	34.2	51.4

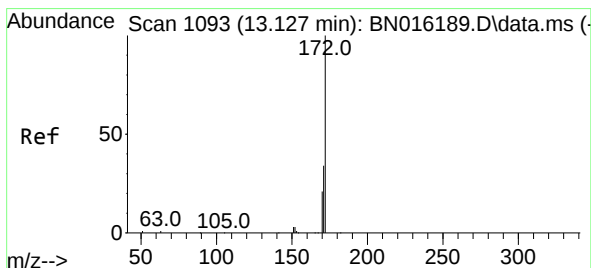
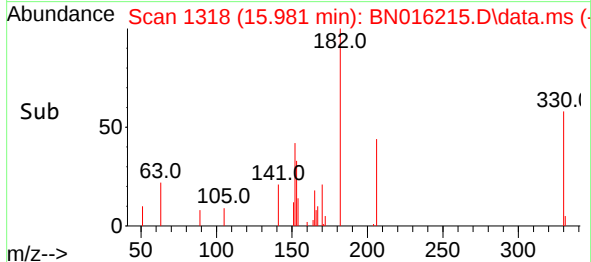
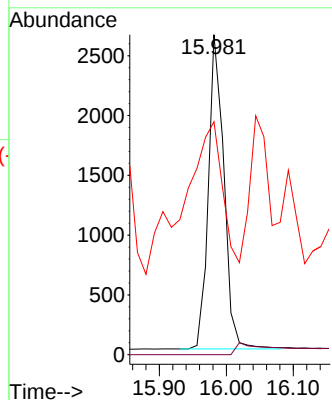
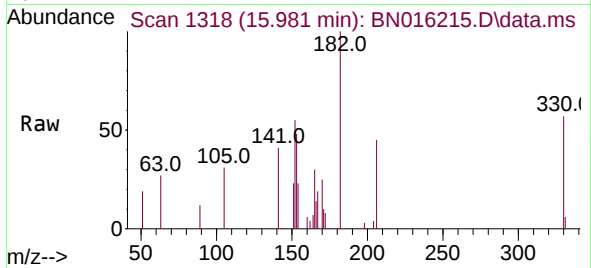




#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 15.981 min Scan# 1318
Delta R.T. -0.013 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

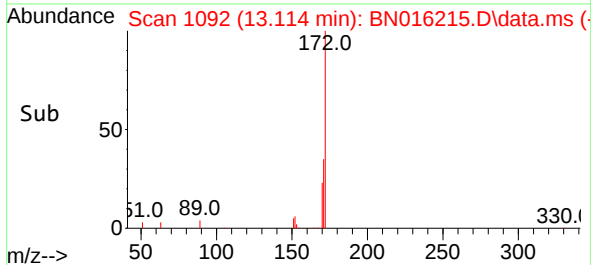
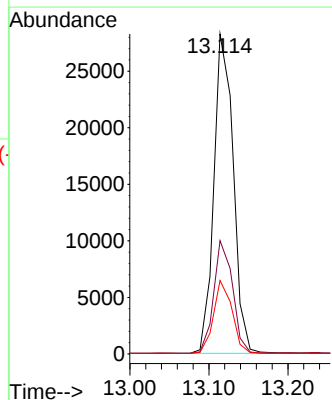
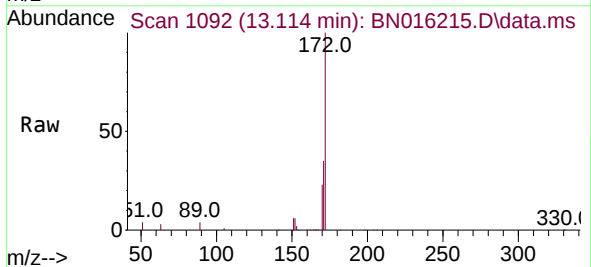
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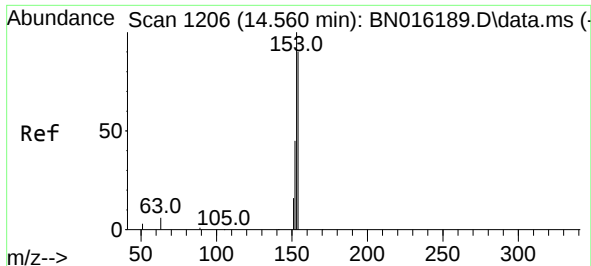
Tgt Ion:330 Resp: 4163
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 87.1 25.4 38.2#



#15
2-Fluorobiphenyl
Concen: 0.269 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.013 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

Tgt Ion:172 Resp: 48058
Ion Ratio Lower Upper
172 100
171 35.4 26.9 40.3
170 23.0 17.1 25.7

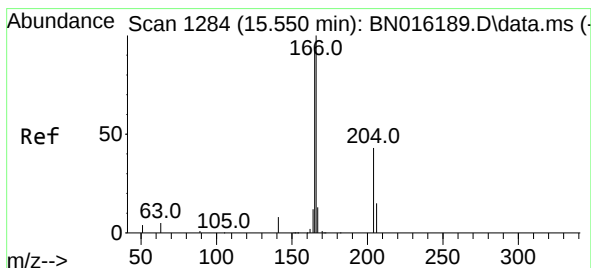
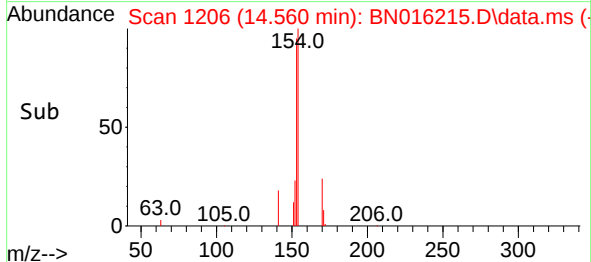
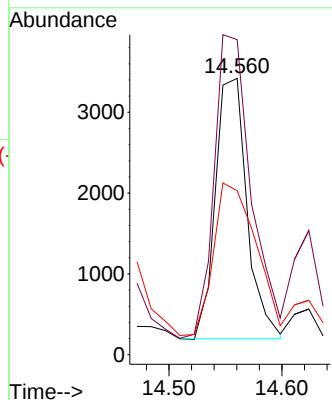
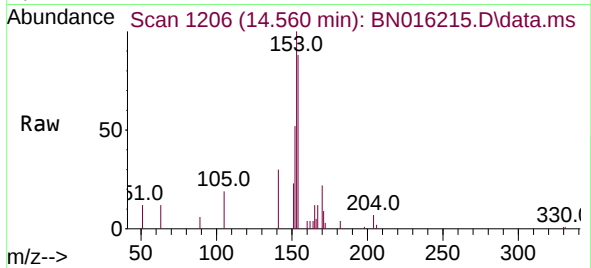




#17
Acenaphthene
Concen: 0.047 ng
RT: 14.560 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

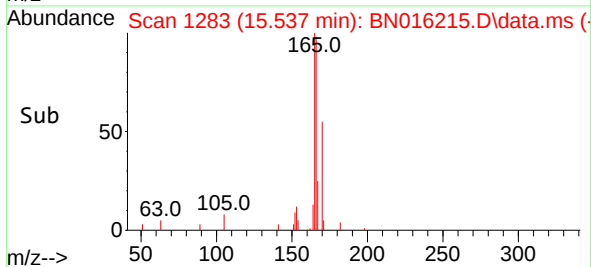
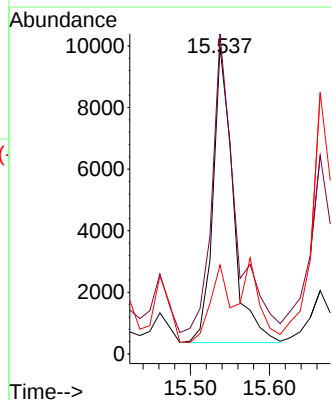
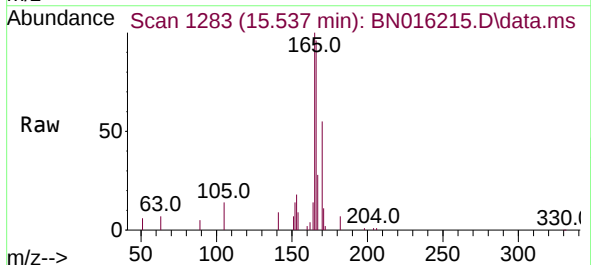
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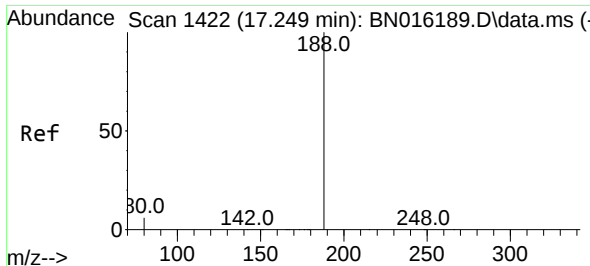
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Ion Ratio Lower Upper
154 100
153 136.5 89.1 133.7#
152 91.6 41.2 61.8#



#18
Fluorene
Concen: 0.101 ng
RT: 15.537 min Scan# 1283
Delta R.T. -0.013 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

Tgt Ion:166 Resp: 17014
Ion Ratio Lower Upper
166 100
165 115.6 77.0 115.6#
167 23.2 10.9 16.3#

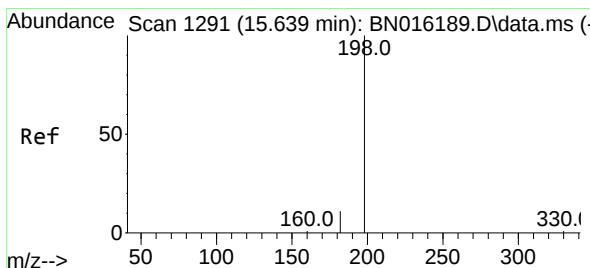
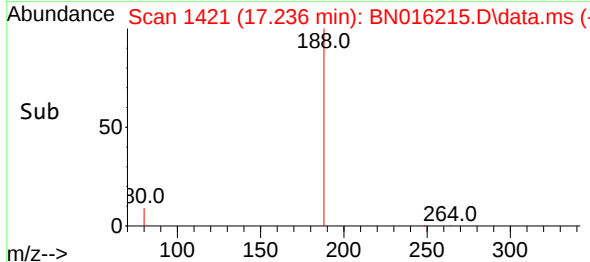
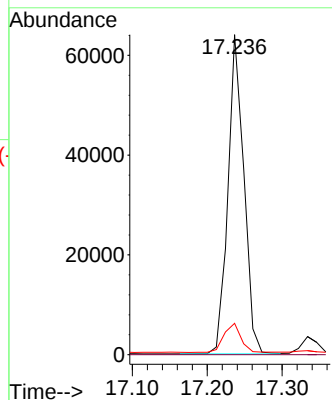
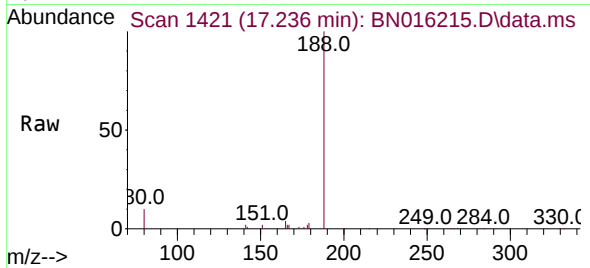




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

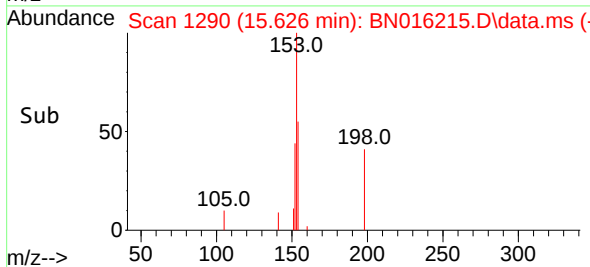
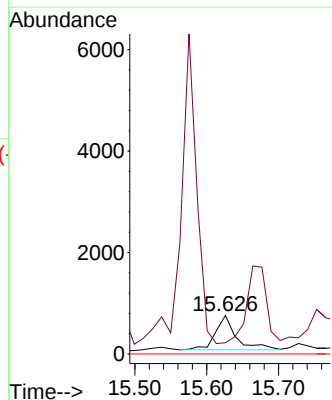
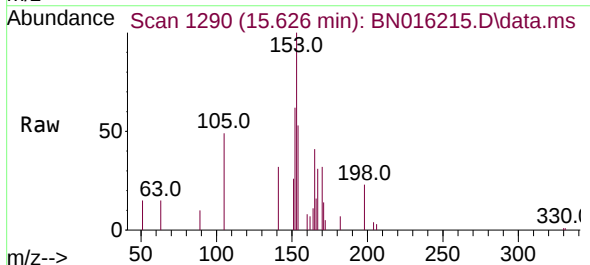
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-640-642

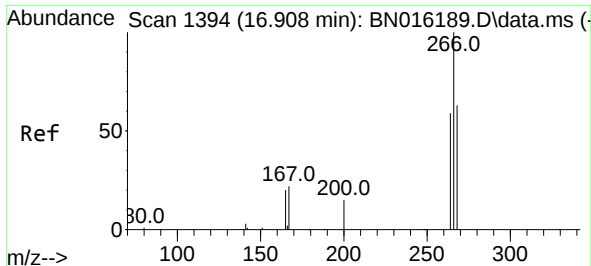
Tgt Ion:188 Resp: 94377
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 5.0 7.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.440 ng
RT: 15.626 min Scan# 1290
Delta R.T. -0.013 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

Tgt Ion:198 Resp: 1374
Ion Ratio Lower Upper
198 100
182 28.9 28.8 43.2
77 0.0 0.0 0.0

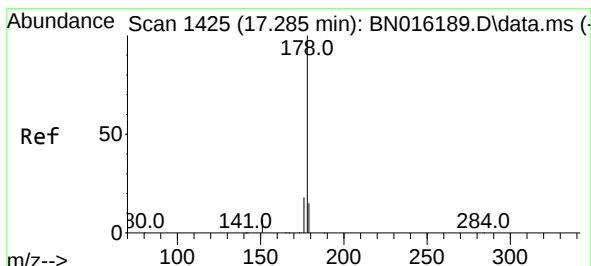
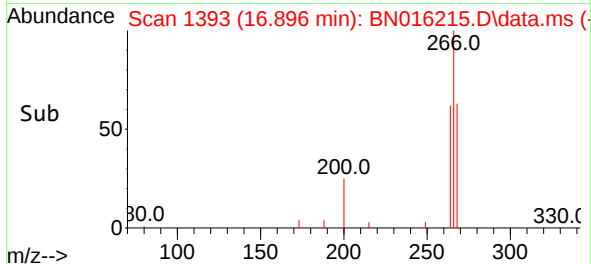
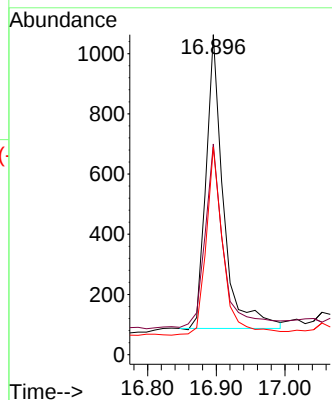
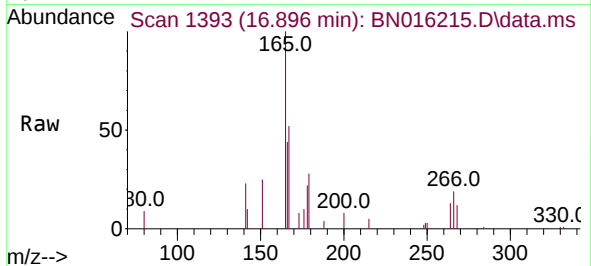




#24
Pentachlorophenol
Concen: 0.429 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

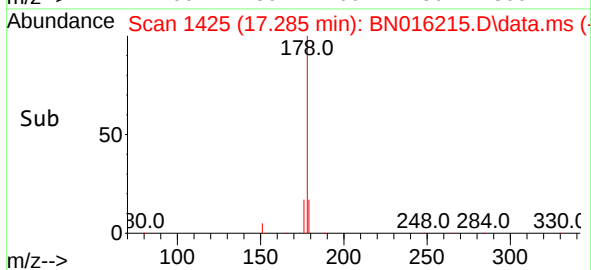
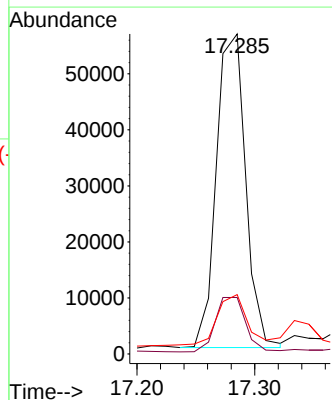
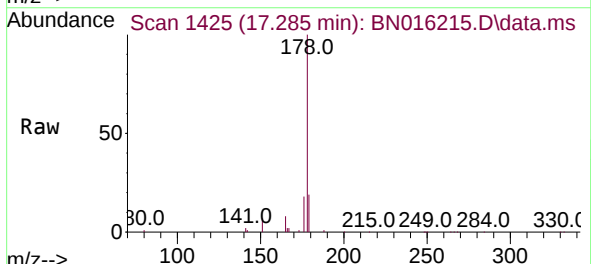
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-640-642

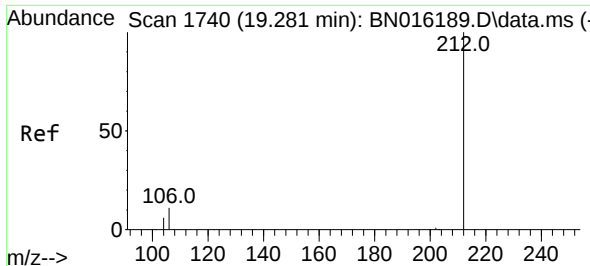
Tgt Ion:266 Resp: 1716
Ion Ratio Lower Upper
266 100
264 65.2 50.4 75.6
268 63.2 49.6 74.4



#25
Phenanthrene
Concen: 0.366 ng
RT: 17.285 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

Tgt Ion:178 Resp: 96813
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 22.3 12.3 18.5#

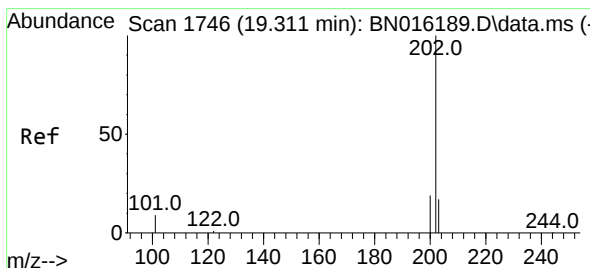
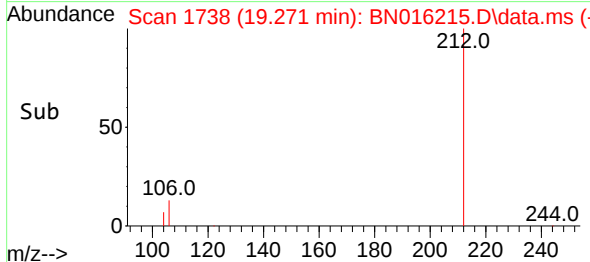
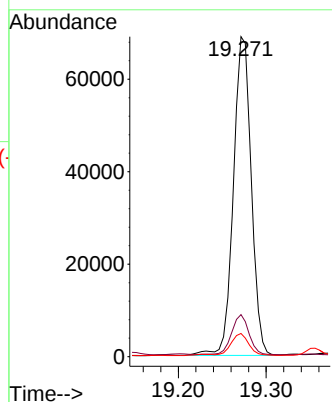
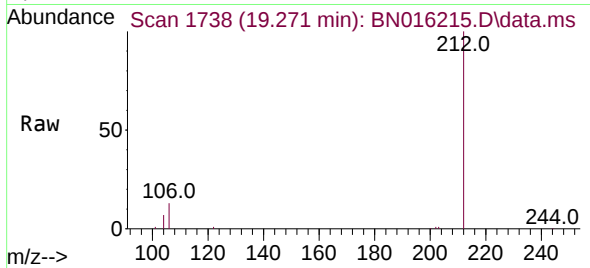




#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.271 min Scan# 1738
Delta R.T. -0.010 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

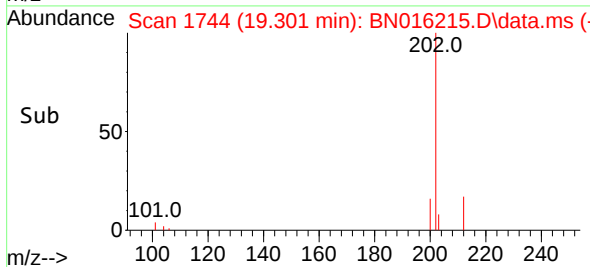
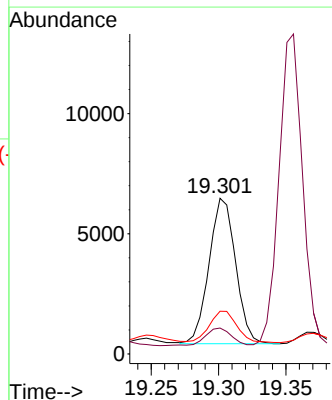
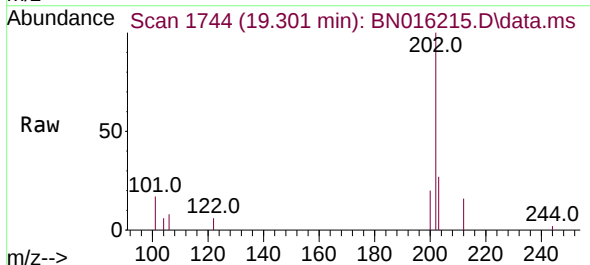
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-640-642

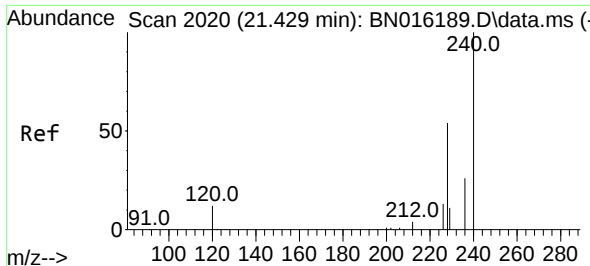
Tgt Ion:212 Resp: 97610
Ion Ratio Lower Upper
212 100
106 12.3 9.7 14.5
104 6.8 5.4 8.0



#28
Fluoranthene
Concen: 0.027 ng
RT: 19.301 min Scan# 1744
Delta R.T. -0.010 min
Lab File: BN016215.D
Acq: 05 Sep 2021 05:33

Tgt Ion:202 Resp: 8325
Ion Ratio Lower Upper
202 100
101 12.2 8.4 12.6
203 22.1 13.8 20.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.429 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BN016215.D

Acq: 05 Sep 2021 05:33

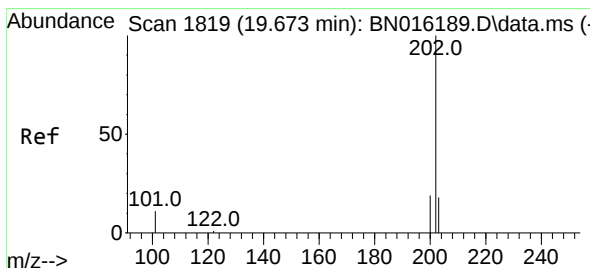
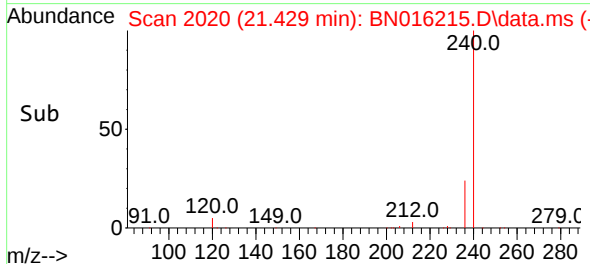
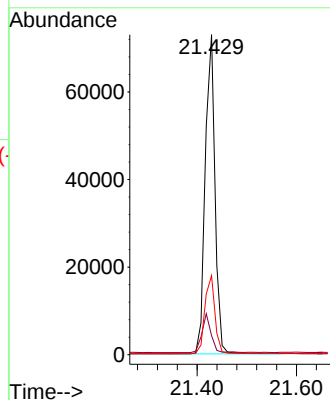
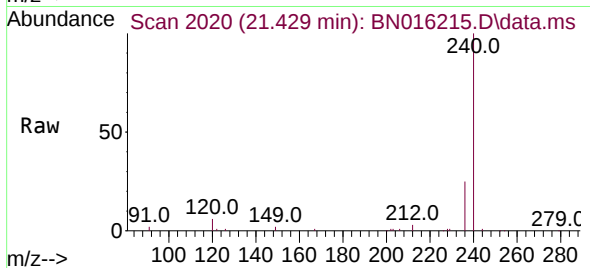
Tgt Ion:240	Resp:	99530
Ion Ratio	Lower	Upper
240	100	
120	6.0	10.0 15.0#
236	24.7	20.9 31.3

Instrument :

BNA_N

ClientSampleId :

BP-TT-VPB-RW7-GW-640-642



#30

Pyrene

Concen: 0.051 ng

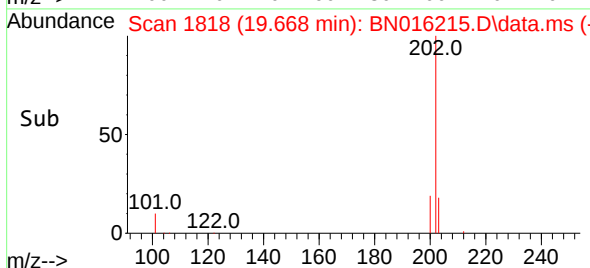
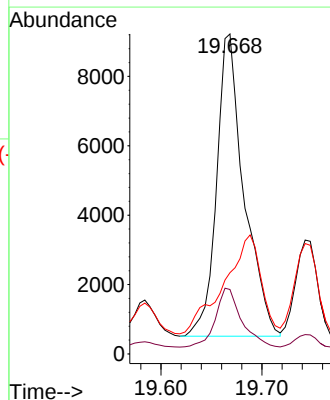
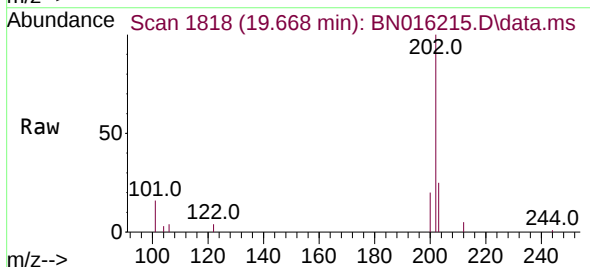
RT: 19.668 min Scan# 1818

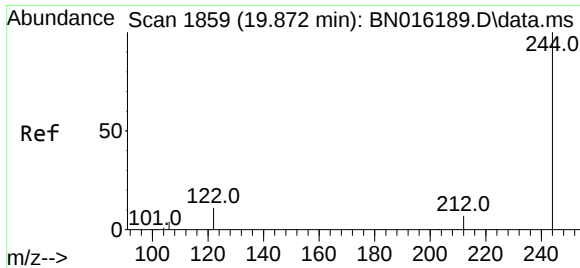
Delta R.T. -0.005 min

Lab File: BN016215.D

Acq: 05 Sep 2021 05:33

Tgt Ion:202	Resp:	16504
Ion Ratio	Lower	Upper
202	100	
200	18.5	15.8 23.8
203	0.0	14.1 21.1#

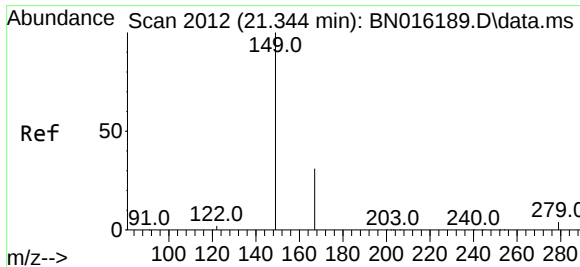
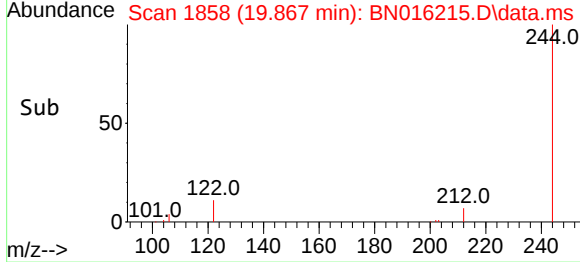
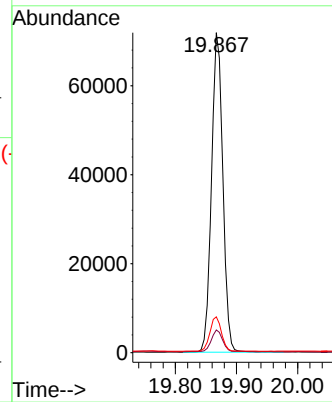
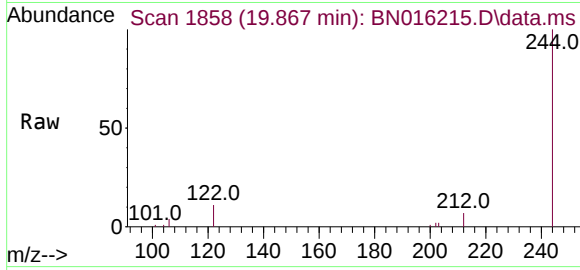




#31
 Terphenyl-d14
 Concen: 0.366 ng
 RT: 19.867 min Scan# 1858
 Delta R.T. -0.005 min
 Lab File: BN016215.D
 Acq: 05 Sep 2021 05:33

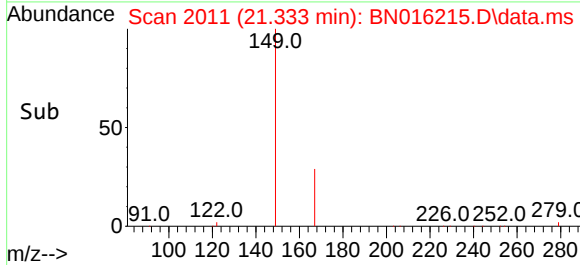
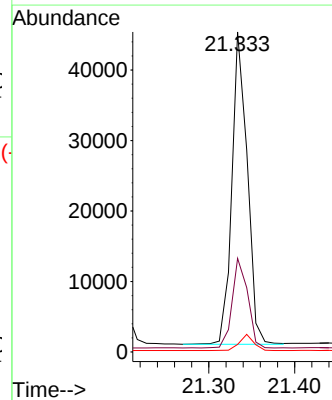
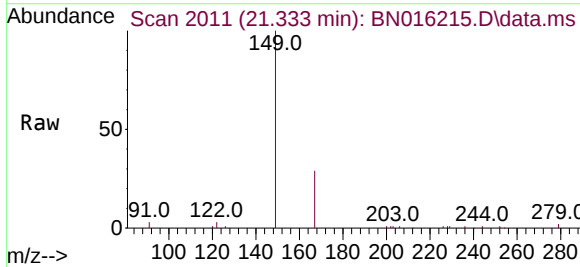
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-640-642

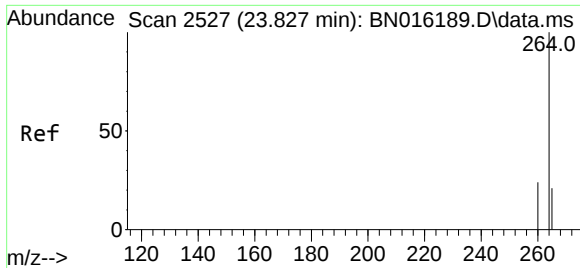
Tgt Ion:244	Resp:	92161
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.5 8.3
122	11.2	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.245 ng
 RT: 21.333 min Scan# 2011
 Delta R.T. -0.011 min
 Lab File: BN016215.D
 Acq: 05 Sep 2021 05:33

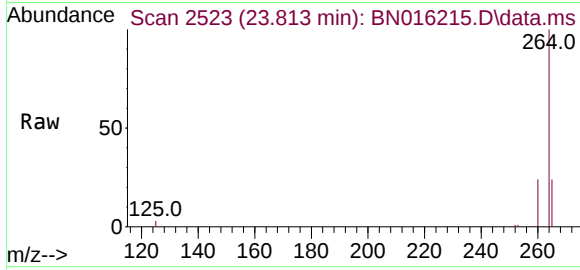
Tgt Ion:149	Resp:	55034
Ion Ratio	Lower	Upper
149	100	
167	29.0	24.2 36.4
279	4.8	4.0 6.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.813 min Scan# 2523
 Delta R.T. -0.014 min
 Lab File: BN016215.D
 Acq: 05 Sep 2021 05:33

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-640-642



Tgt Ion:264 Resp: 101387

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	23.7	20.2	30.2

