

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
 Data File : BN007566.D
 Acq On : 09 Sep 2019 00:37
 Operator : HP/JU
 Sample : K4754-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW-807-15.0-20.0-090619

Manual Integrations
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 9/16/2019 8:53:21 AM

Quant Time: Sep 09 13:28:44 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 29 12:18:45 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5844	0.40	ng	-0.02
7) Naphthalene-d8	10.14	136	23884	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	12236	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	25608	0.40	ng	-0.01
27) Chrysene-d12	21.01	240	23707	0.40	ng	-0.01
34) Perylene-d12	23.10	264	26831	0.40	ng	-0.03

System Monitoring Compounds

4) 2-Fluorophenol	5.02	112	1996	0.08	ng	-0.02
5) Phenol-d6	6.58	99	1752	0.04	ng	0.00
8) Nitrobenzene-d5	8.53	82	5188	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	10109	0.25	ng	-0.02
14) 2,4,6-Tribromophenol	15.54	330	1465	0.23	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	14605	0.30	ng	-0.01
25) Fluoranthene-d10	18.83	212	20237	0.25	ng	-0.01
29) Terphenyl-d14	19.45	244	15807	0.25	ng	-0.02

Target Compounds

						Qvalue
9) Naphthalene	10.19	128	5392	0.079	ng	# 94
12) 2-Methylnaphthalene	11.82	142	7015	0.151	ng	98
16) Acenaphthylene	13.75	152	2370	0.033	ng	# 94
17) Acenaphthene	14.10	154	1718	0.041	ng	93
18) Fluorene	15.09	166	4200	0.078	ng	99
22) Pentachlorophenol	16.45	266	121m	0.023	ng	
23) Phenanthrene	16.82	178	27322	0.355	ng	99
24) Anthracene	16.92	178	2437	0.031	ng	# 94
26) Fluoranthene	18.86	202	12690	0.128	ng	# 97
28) Pvrene	19.22	202	13003	0.136	ng	96
30) Benzo(a)anthracene	20.99	228	5928	0.064	ng	# 76
31) Chrysene	21.04	228	4648	0.052	ng	# 89
32) Bis(2-ethylhexyl)phthalate	20.95	149	14986	0.230	ng	92
33) Indeno(1,2,3-cd)pyrene	25.16	276	2209	0.020	ng	# 80
39) Benzo(a,h,i)perylene	25.78	276	2341	0.025	ng	# 56

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

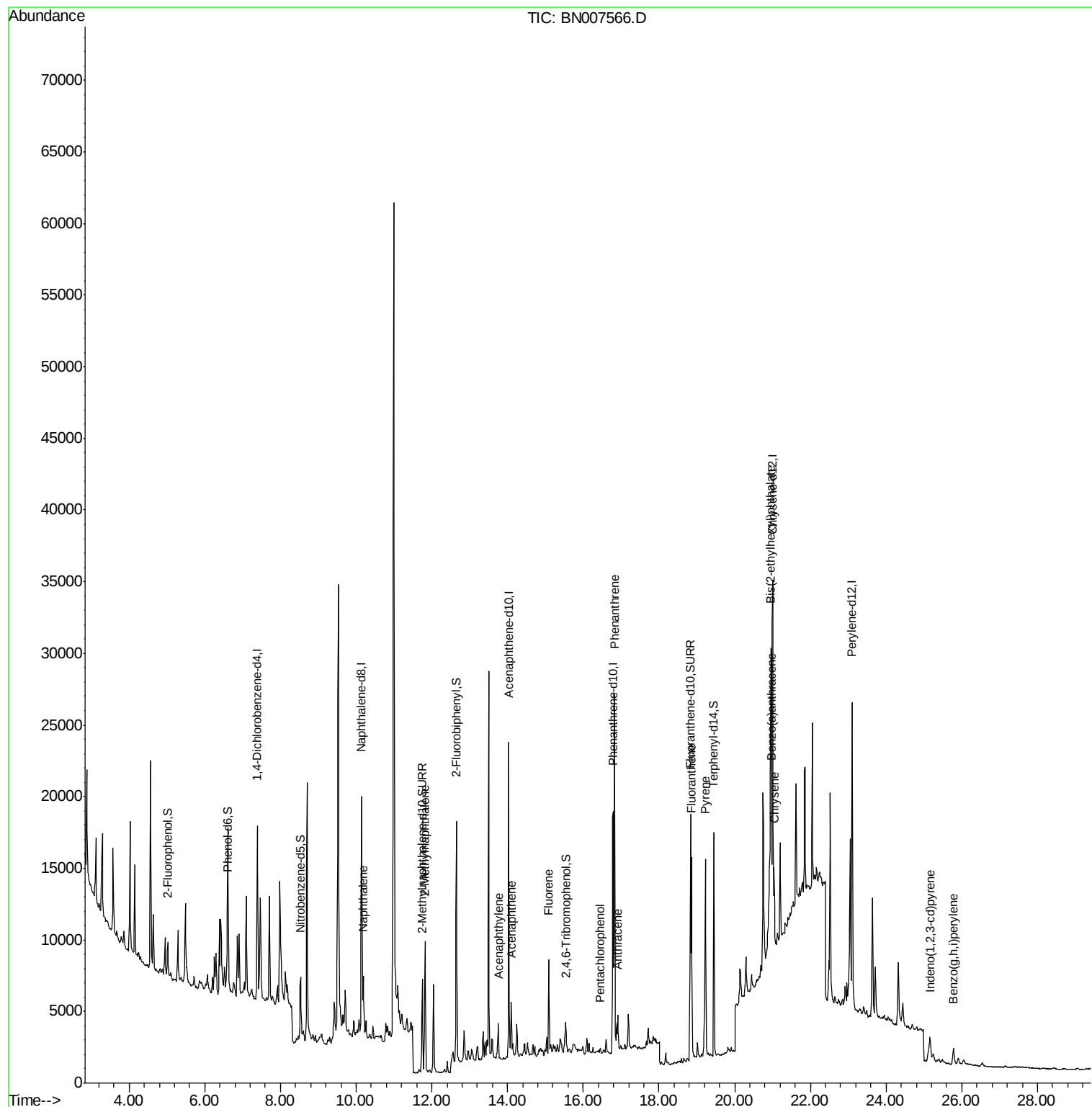
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
Data File : BN007566.D
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Operator : HP/JU
Sample : K4754-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

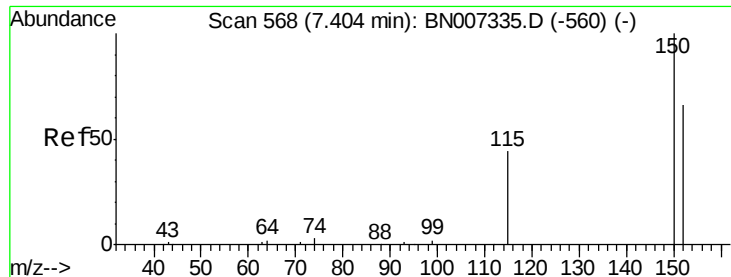
Instrument :
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#1

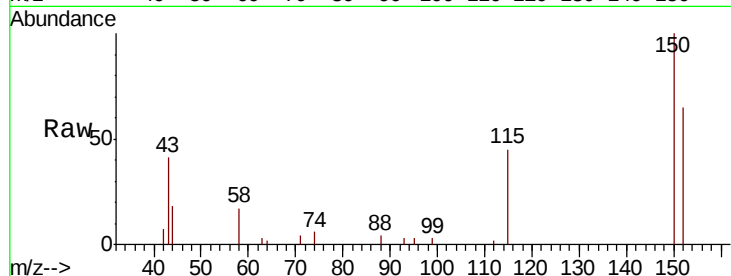
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :
GW-807-15.0-20.0-090619

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	109.1	163.7
115	69.5	59.6	89.4

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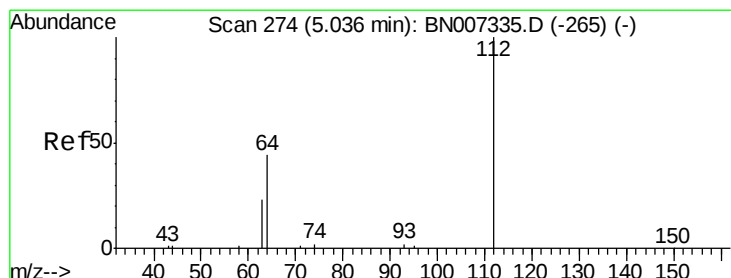
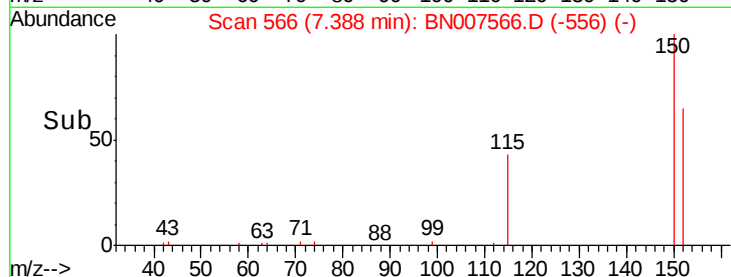
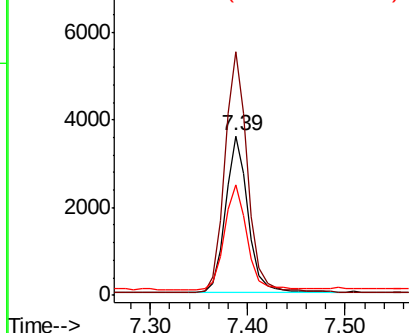


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

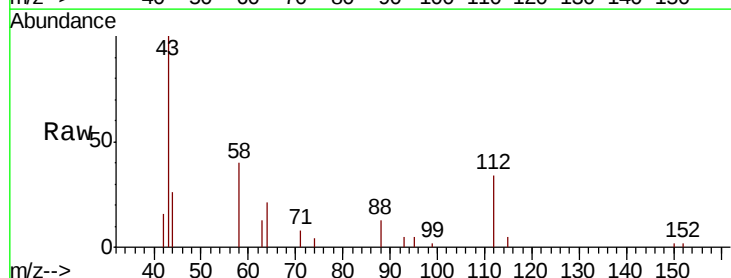
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.076 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	42.3	63.5
63	27.2	23.6	35.4

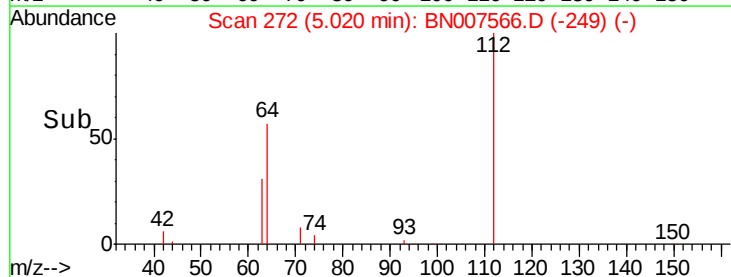
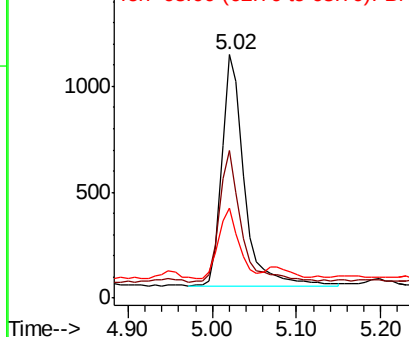


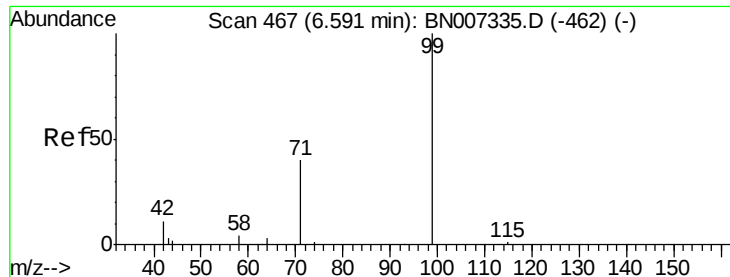
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.041 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Instrument :

BNA_N

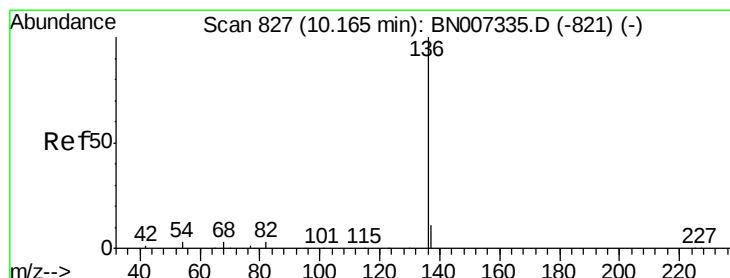
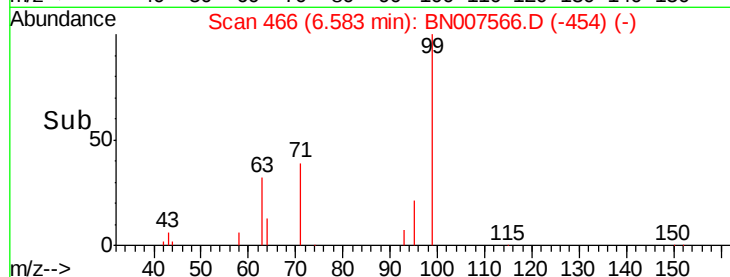
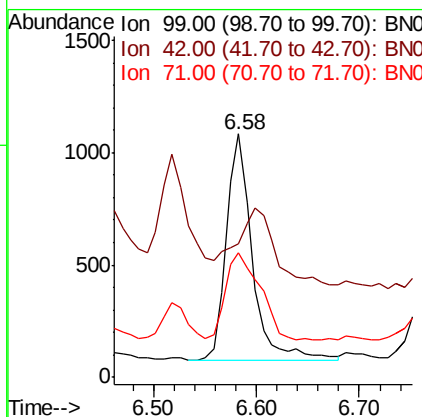
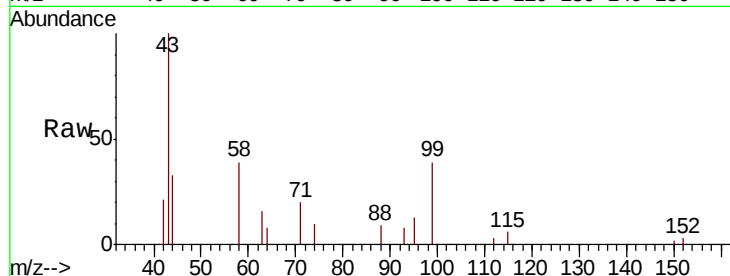
ClientSampleId :

GW-807-15.0-20.0-090619

Tot Ion:	99	Resp:	1752
Ion	Ratio	Lower	Upper
99	100		
42	52.1	11.2	16.8#
71	51.8	31.8	47.8#

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#7

Naphthalene-d8

Concen: 0.400 ng

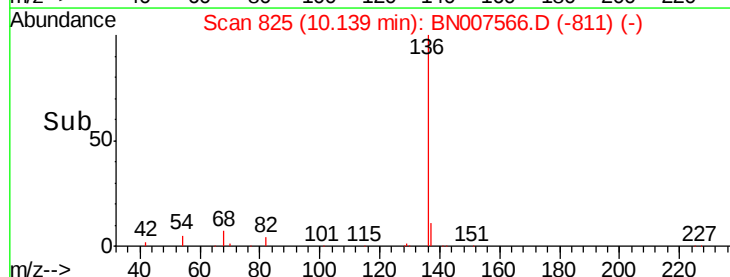
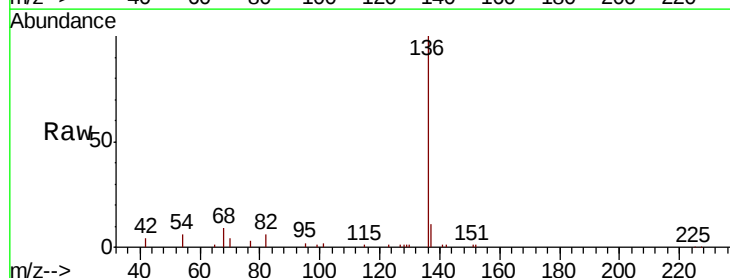
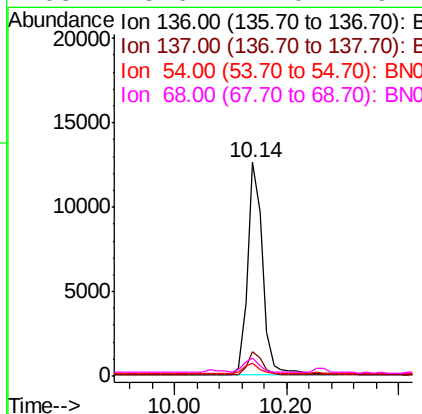
RT: 10.14 min Scan# 825

Delta R.T. -0.03 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Tgt Ion:	136	Resp:	23884
Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	6.2	8.6	12.8#
68	8.6	17.0	25.4#





#8

Nitrobenzene-d5

Concen: 0.250 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Instrument :

BNA_N

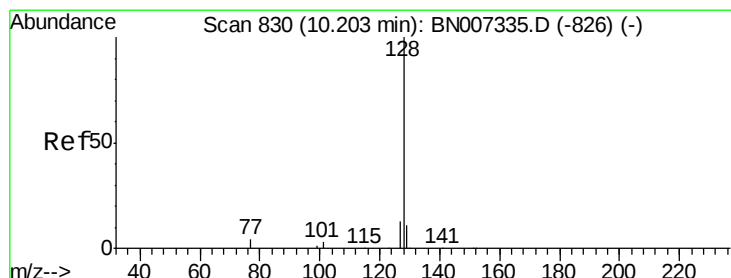
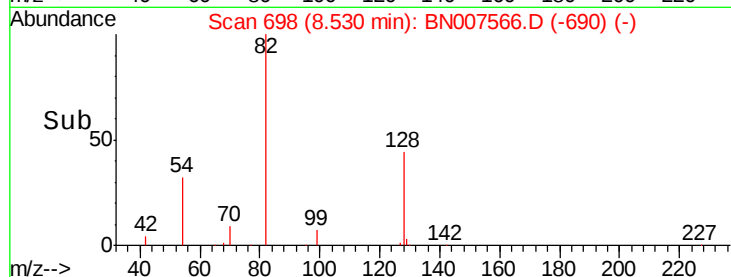
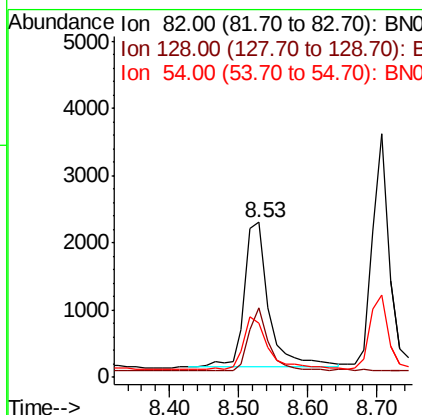
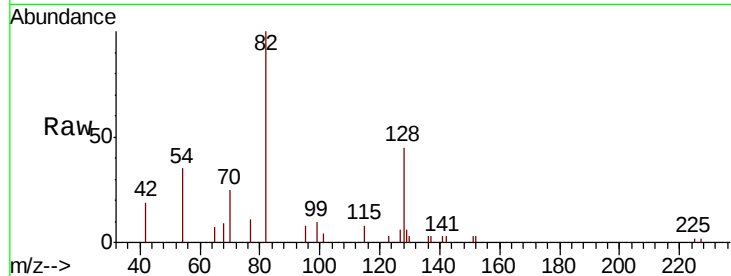
ClientSampleId :

GW-807-15.0-20.0-090619

Tot Ion:	82	Resp:	5188
Ion	Ratio	Lower	Upper
82	100		
128	45.0	19.7	29.5#
54	35.2	25.8	38.6

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#9

Naphthalene

Concen: 0.079 ng

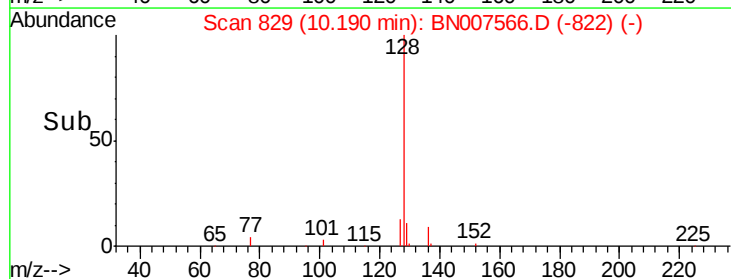
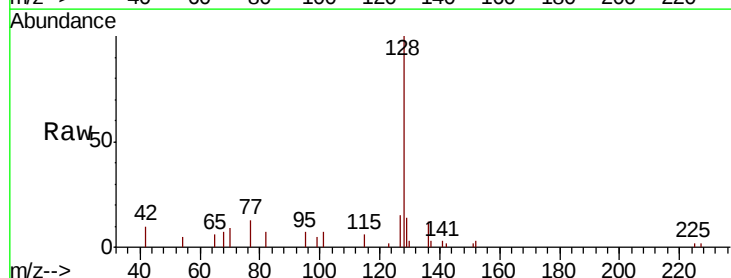
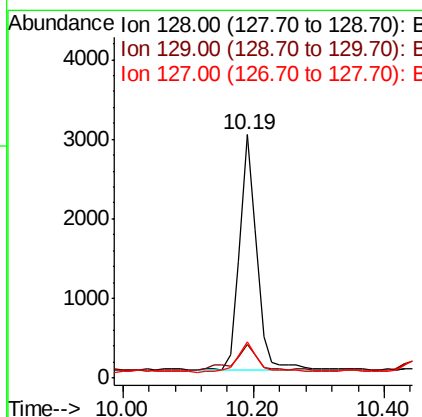
RT: 10.19 min Scan# 829

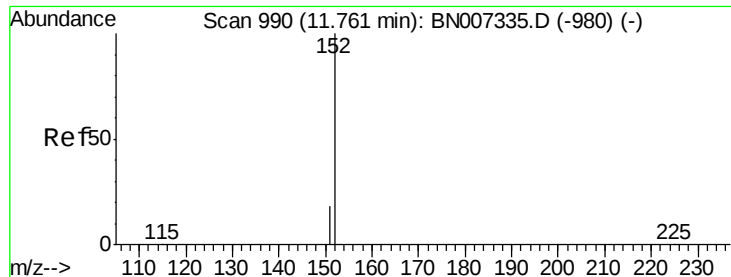
Delta R.T. -0.01 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Tgt Ion:	128	Resp:	5392
Ion	Ratio	Lower	Upper
128	100		
129	13.8	11.1	16.7
127	15.1	15.5	23.3#





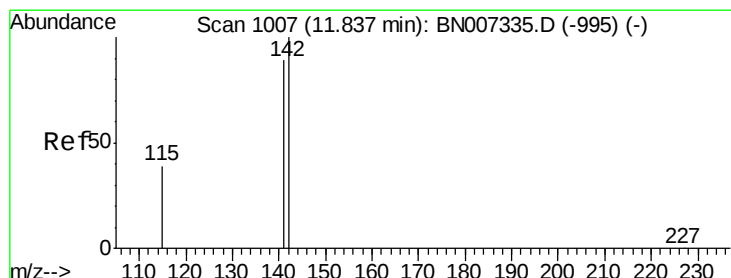
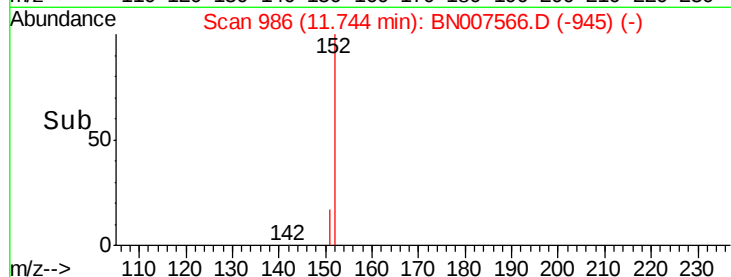
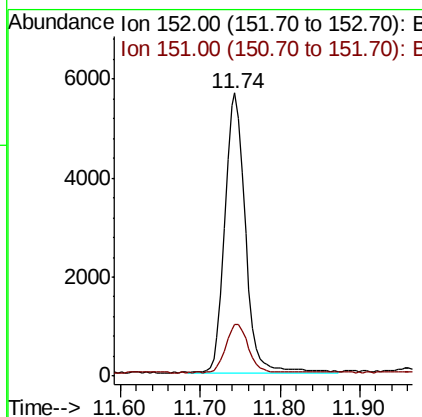
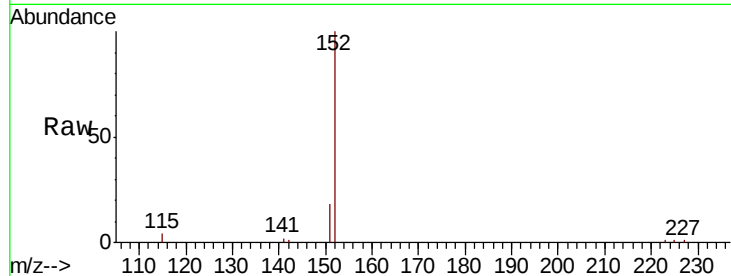
#11
 2-Methylnaphthalene-d10
 Concen: 0.255 ng
 RT: 11.74 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BN007566.D
 Acq: 09 Sep 2019 00:37

Instrument :
 BNA_N
 ClientSampleId :
 GW-807-15.0-20.0-090619

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.2

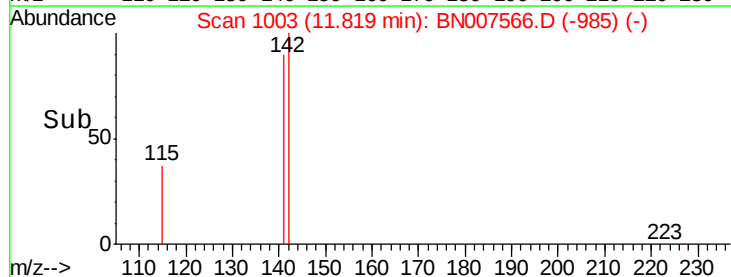
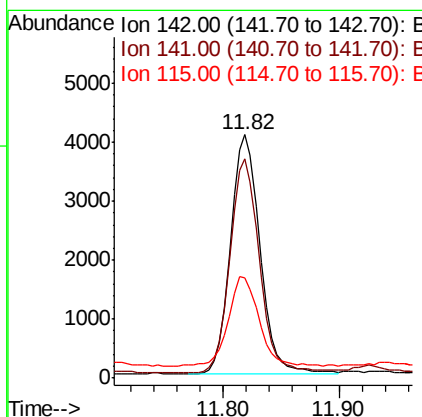
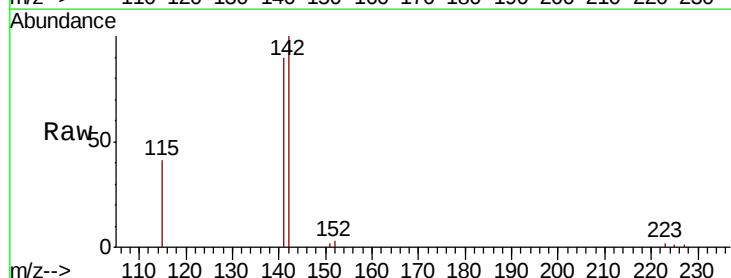
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#12
 2-Methylnaphthalene
 Concen: 0.151 ng
 RT: 11.82 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BN007566.D
 Acq: 09 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.8	109.2
115	41.1	35.2	52.8





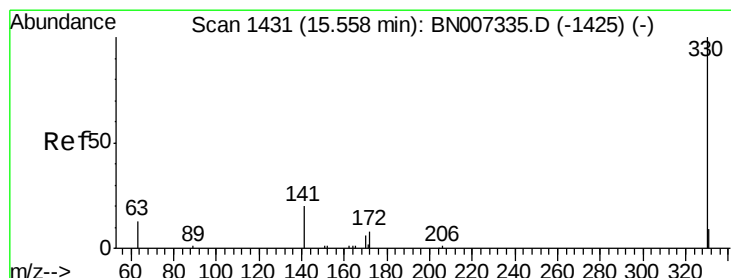
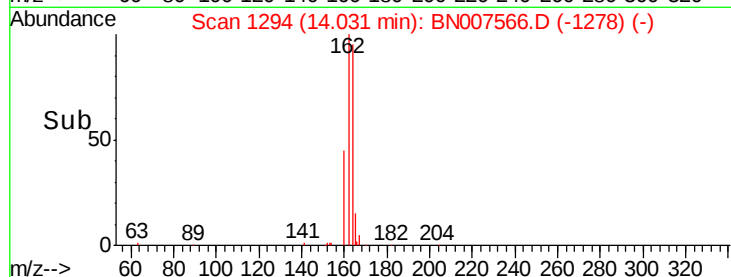
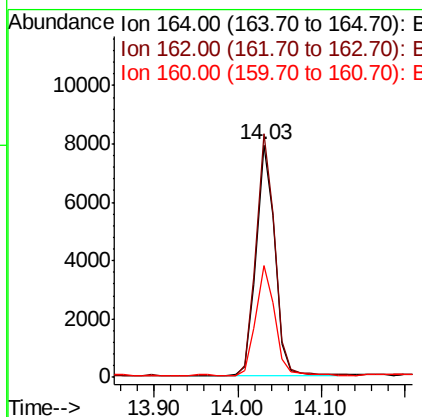
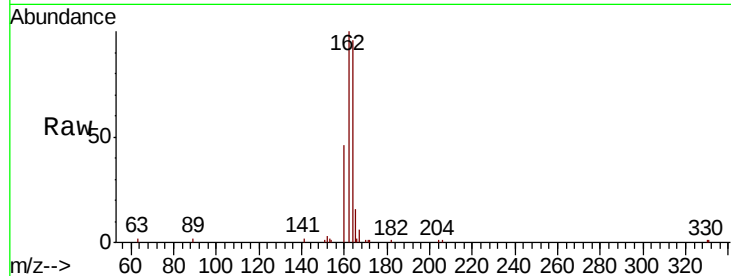
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :
GW-807-15.0-20.0-090619

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.5	125.3
160	47.9	38.2	57.4

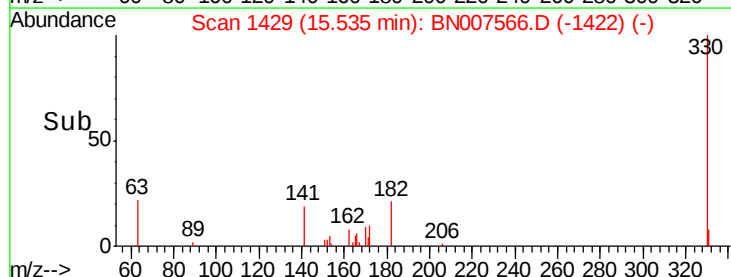
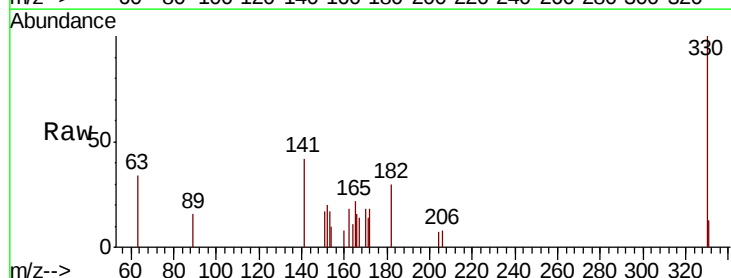
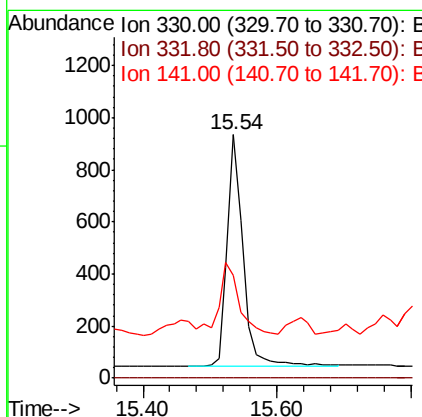
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#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 15.54 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.3	26.9	40.3





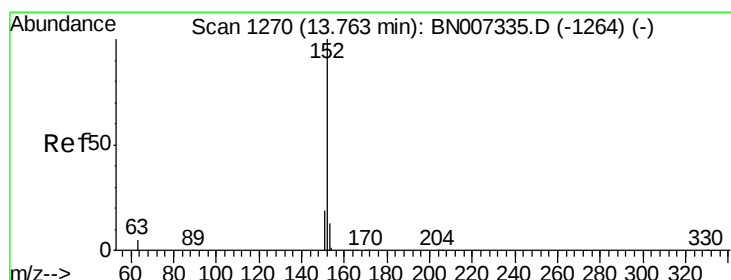
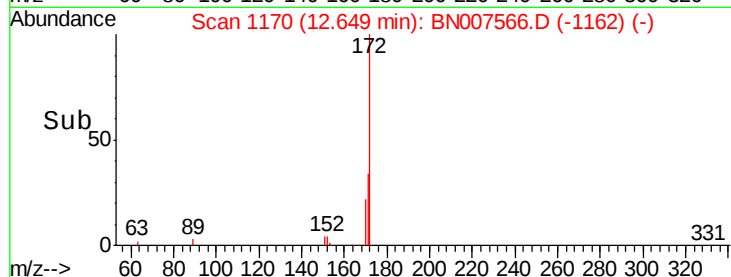
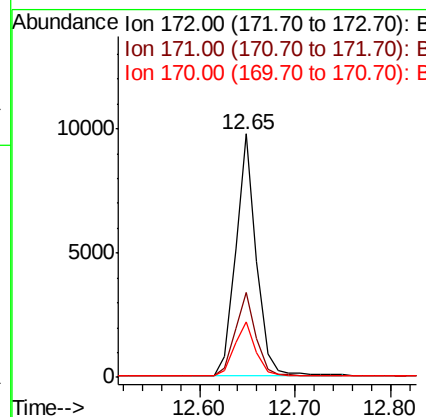
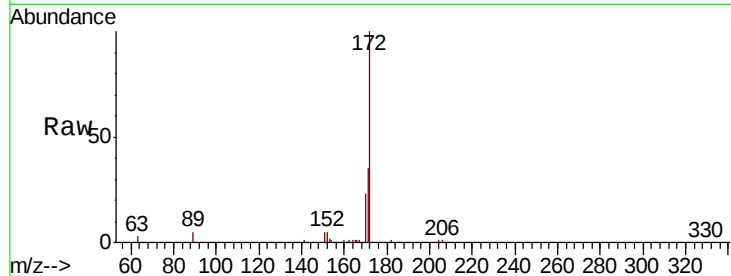
#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :
GW-807-15.0-20.0-090619

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.3	45.5
170	22.8	20.7	31.1

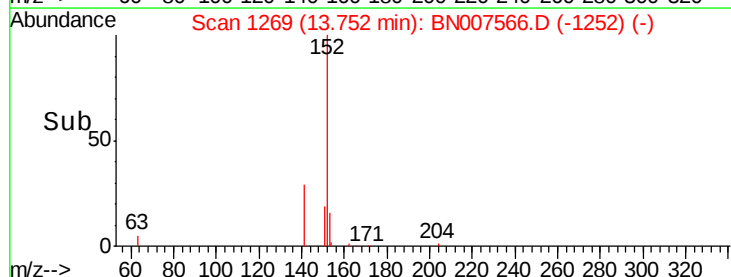
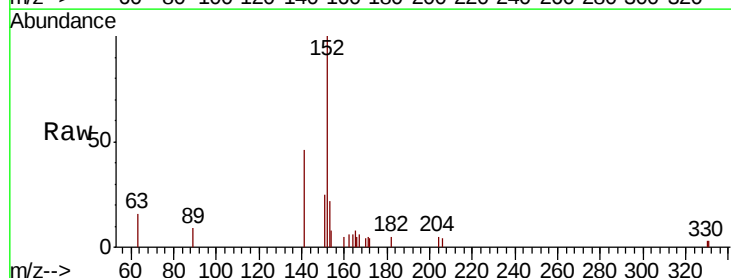
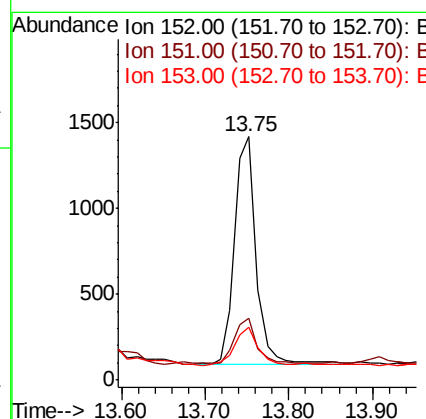
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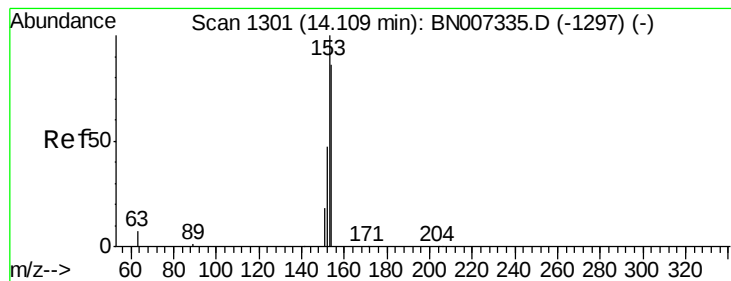
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#16
Acenaphthylene
Concen: 0.033 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.1	24.1
153	18.1	10.6	15.8#





#17

Acenaphthene

Concen: 0.041 ng

RT: 14.10 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Instrument :

BNA_N

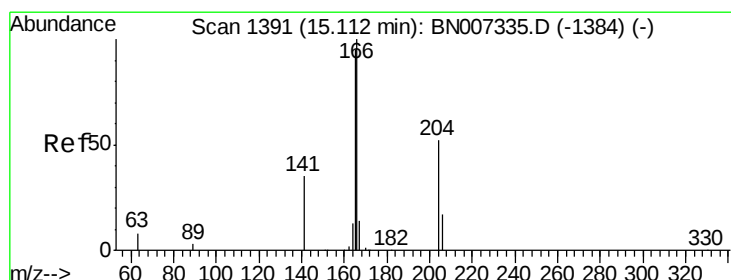
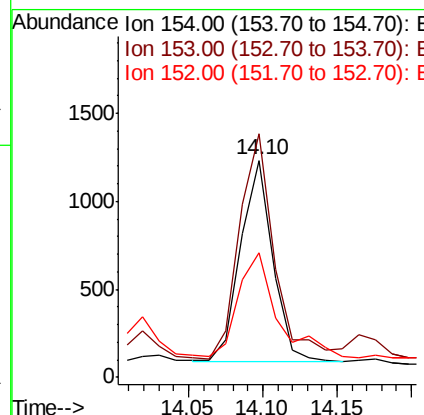
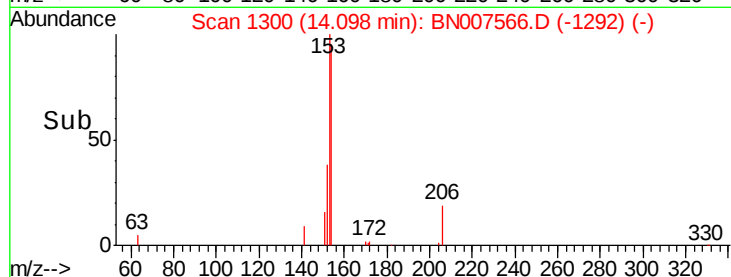
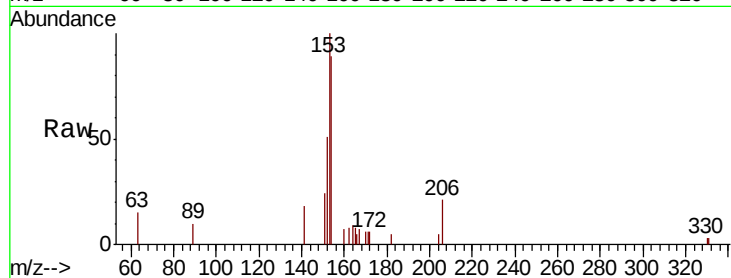
ClientSampleId :

GW-807-15.0-20.0-090619

Tot Ion:	154	Resp:	1718
Ion Ratio	Lower	Upper	
154	100		
153	120.3	92.8	139.2
152	64.5	43.8	65.8

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#18

Fluorene

Concen: 0.078 ng

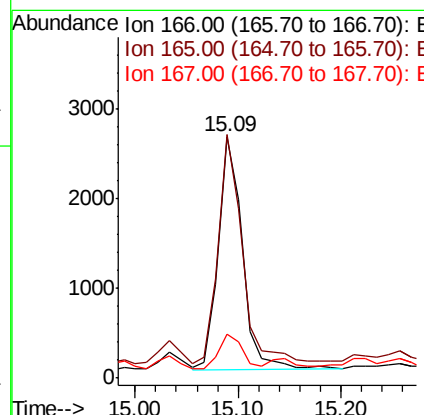
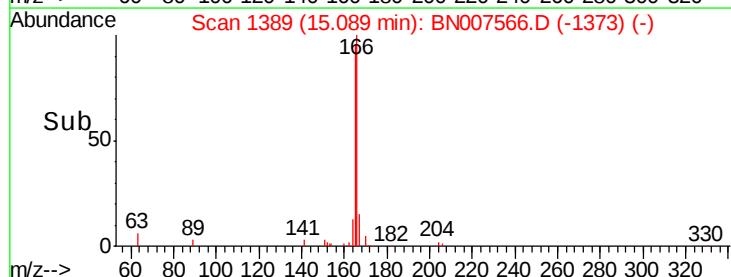
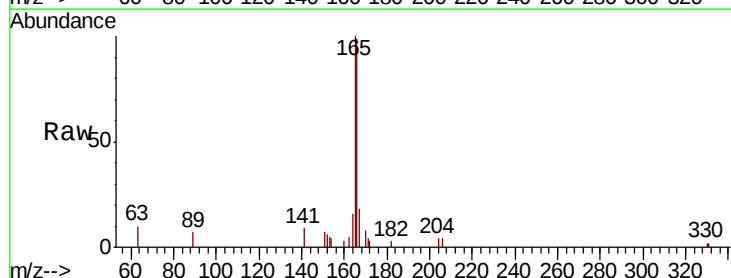
RT: 15.09 min Scan# 1389

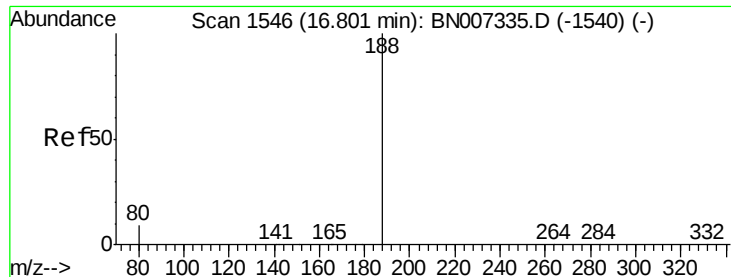
Delta R.T. -0.02 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Tgt Ion:	166	Resp:	4200
Ion Ratio	Lower	Upper	
166	100		
165	98.8	79.0	118.4
167	14.9	10.6	15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Instrument :

BNA_N

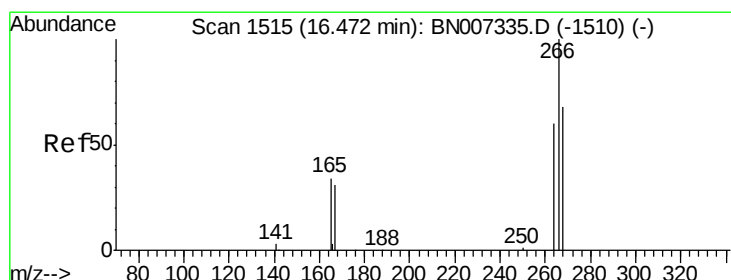
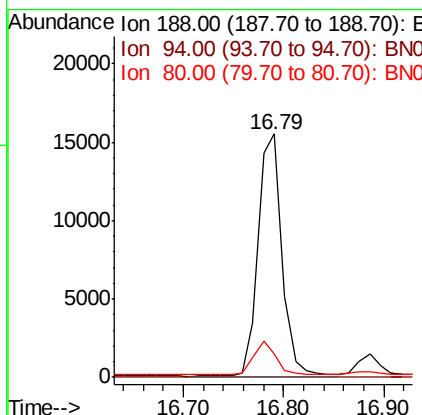
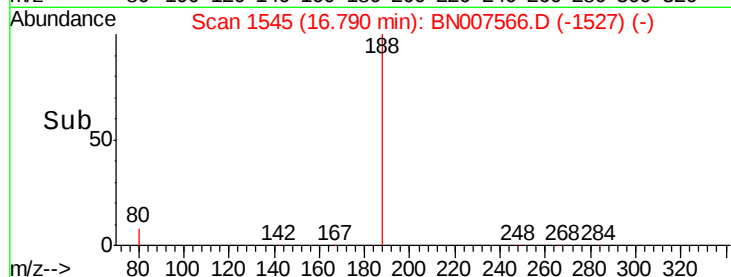
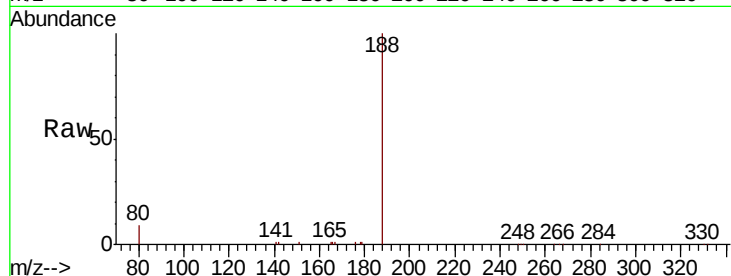
ClientSampleId :

GW-807-15.0-20.0-090619

Tot Ion:	188	Resp:	25608
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.4	11.8	17.8#

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#22

Pentachlorophenol

Concen: 0.023 ng m

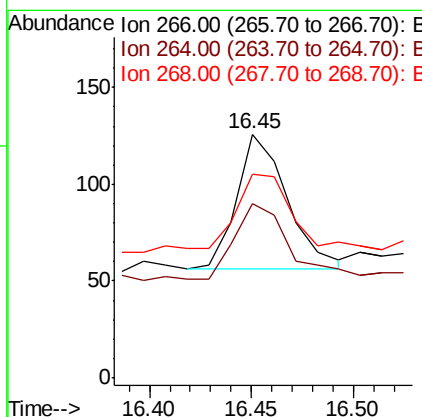
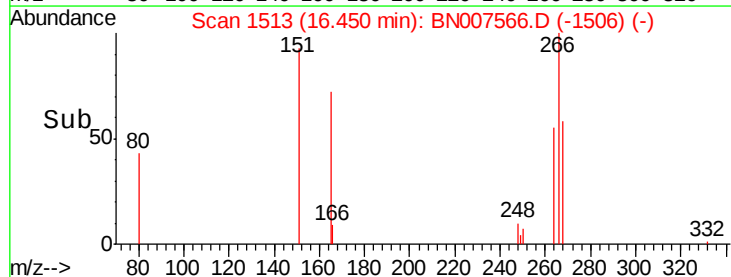
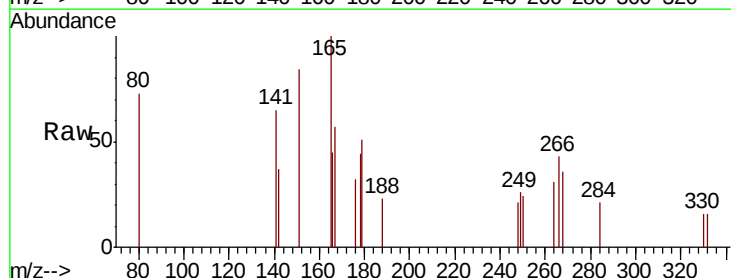
RT: 16.45 min Scan# 1513

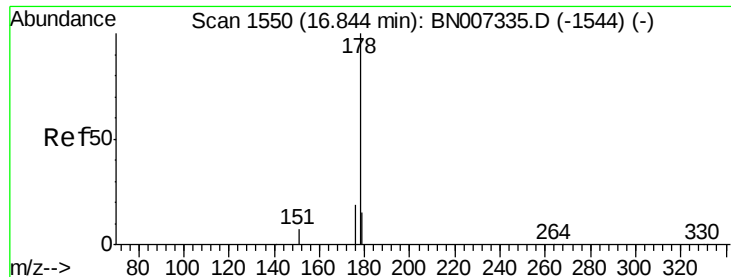
Delta R.T. -0.02 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Tgt Ion:	266	Resp:	121
Ion Ratio	Lower	Upper	
266	100		
264	71.4	57.8	86.8
268	83.3	99.7	149.5#





#23

Phenanthrene

Concen: 0.355 ng

RT: 16.82 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Instrument :

BNA_N

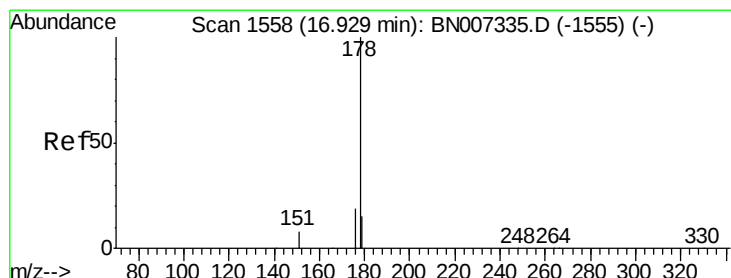
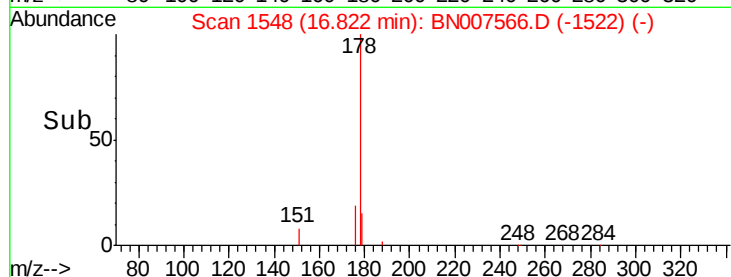
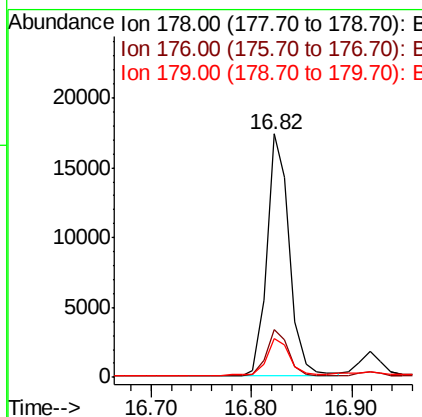
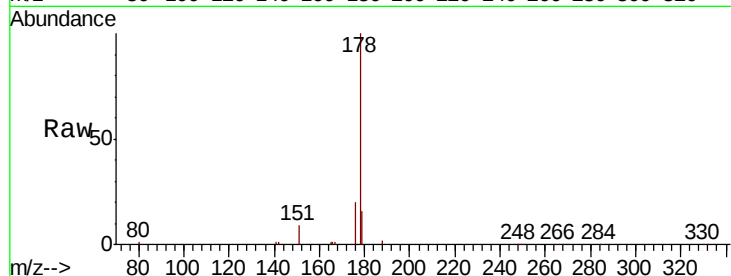
ClientSampleId :

GW-807-15.0-20.0-090619

Tot Ion:	178	Resp:	27322
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.3	22.9
179	15.5	12.6	19.0

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#24

Anthracene

Concen: 0.031 ng

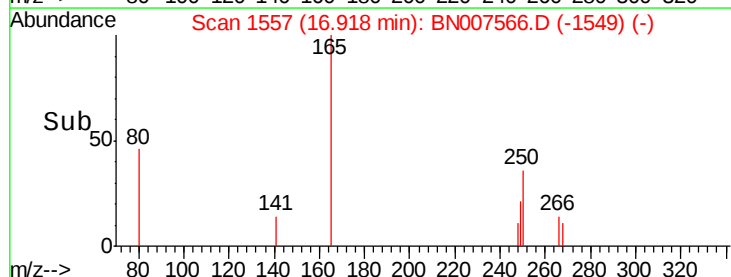
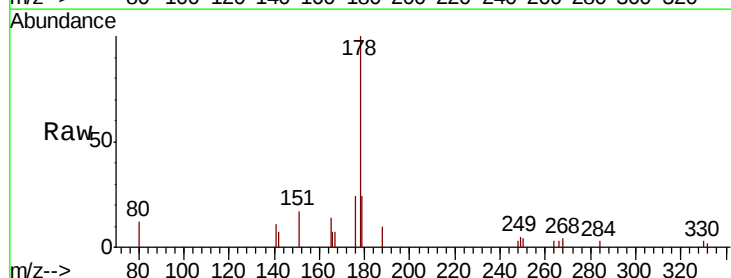
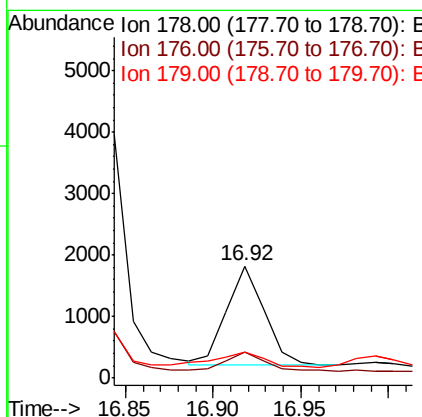
RT: 16.92 min Scan# 1557

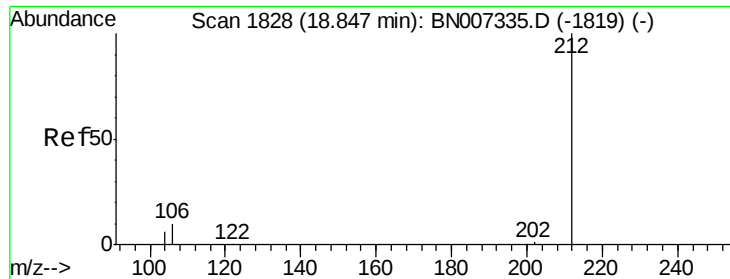
Delta R.T. -0.01 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Tgt Ion:	178	Resp:	2437
Ion Ratio	Lower	Upper	
178	100		
176	19.3	14.9	22.3
179	20.4	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.245 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Instrument :

BNA_N

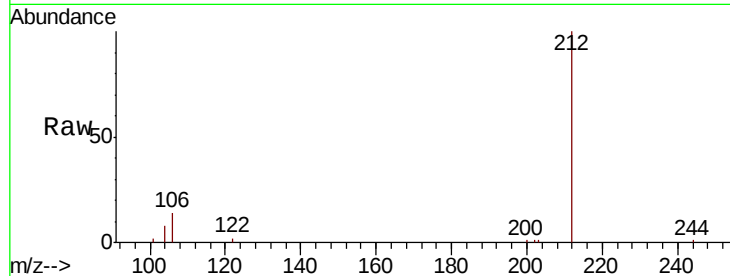
ClientSampleId :

GW-807-15.0-20.0-090619

Tot Ion:	212	Resp:	20237
Ion Ratio	Lower	Upper	
212	100		
106	14.2	9.0	13.4#
104	8.1	5.4	8.2

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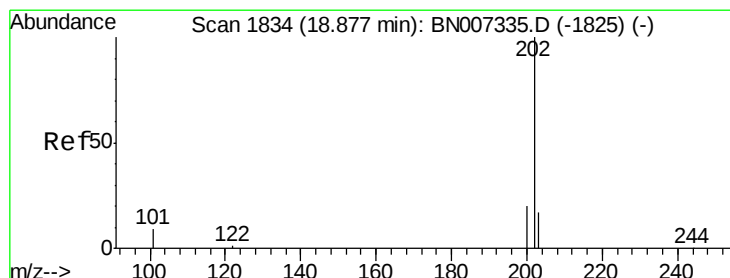
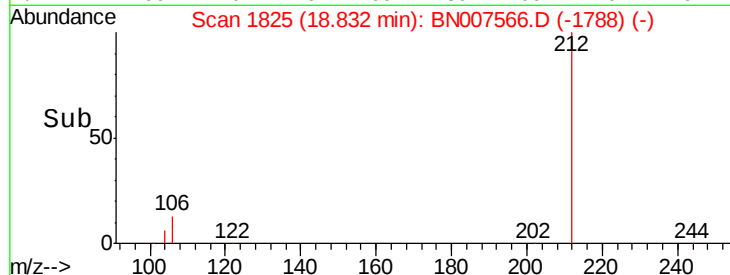
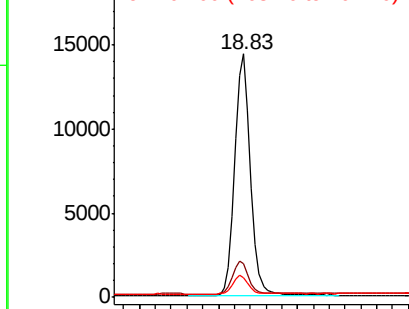


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.128 ng

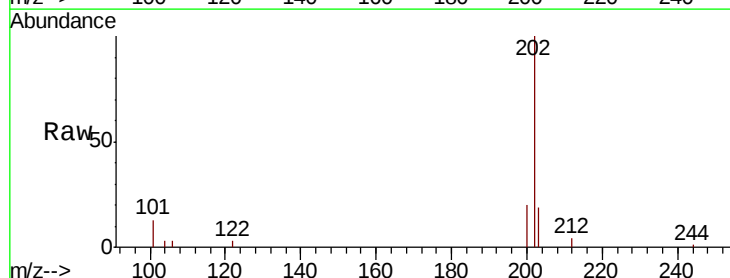
RT: 18.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Tgt Ion:	202	Resp:	12690
Ion Ratio	Lower	Upper	
202	100		
101	12.0	7.7	11.5#
203	17.2	13.7	20.5

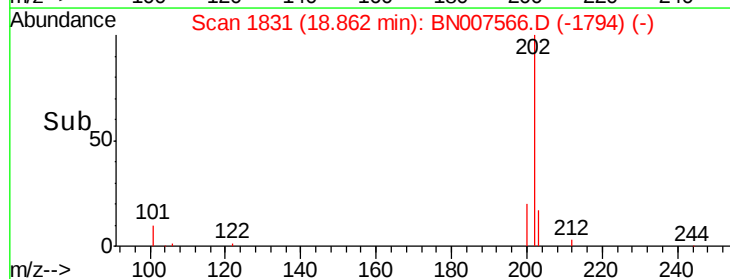
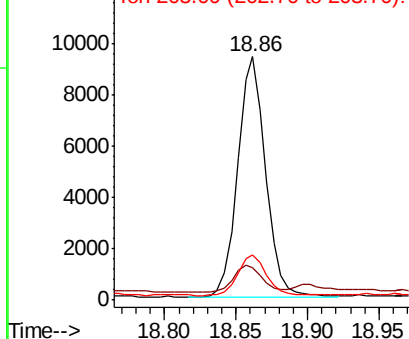


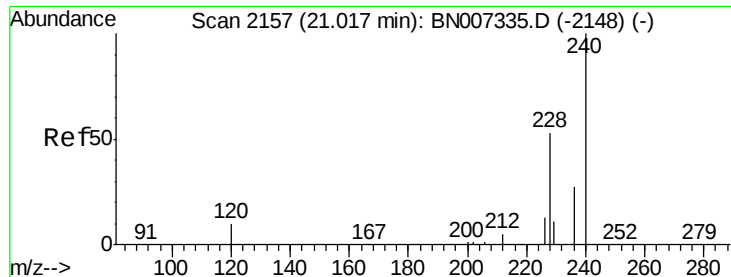
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





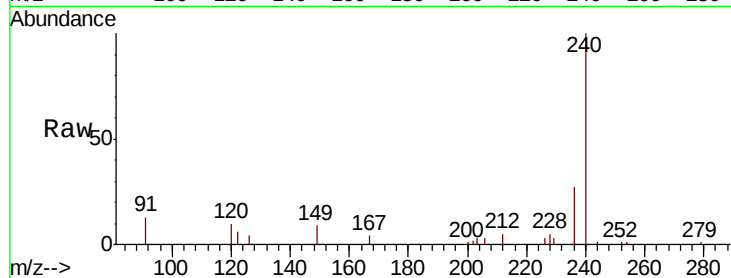
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :
GW-807-15.0-20.0-090619

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.6	14.4
236	27.0	22.2	33.2

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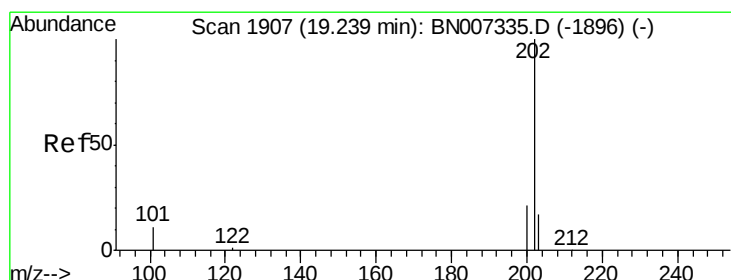
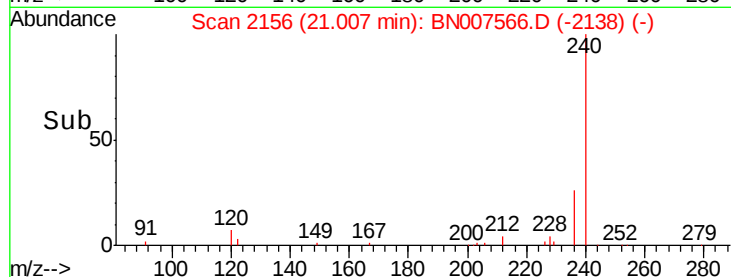
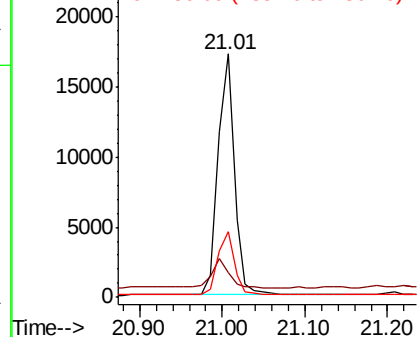


Abundance

Ion 240.00 (239.70 to 240.70): E

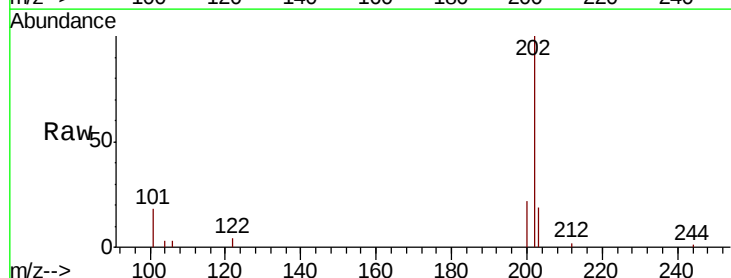
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28
Pyrene
Concen: 0.136 ng
RT: 19.22 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	20.9	14.2	21.4

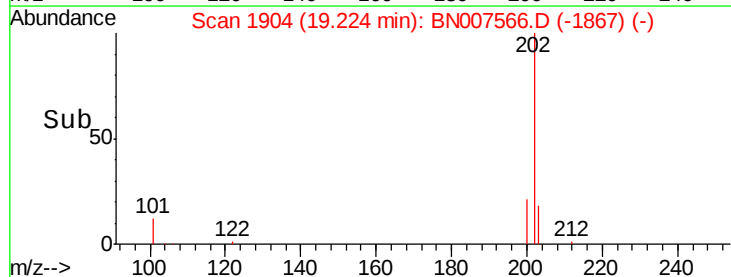
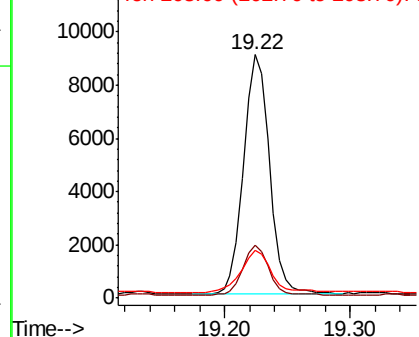


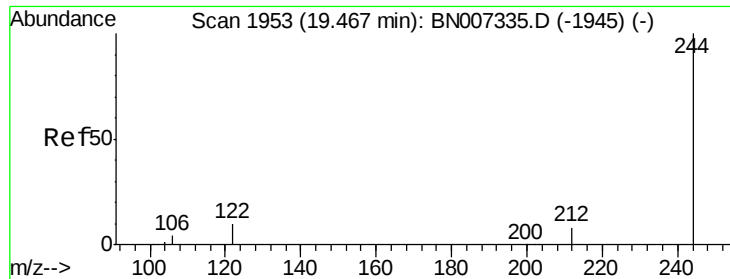
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.255 ng

RT: 19.45 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Instrument :

BNA_N

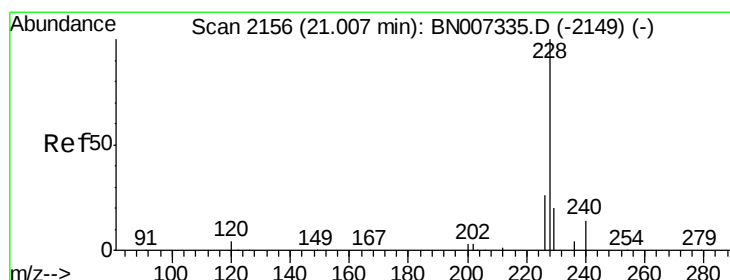
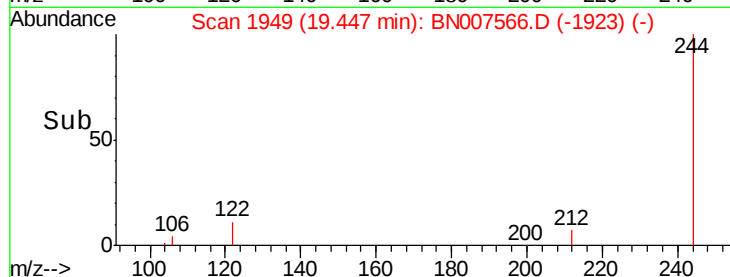
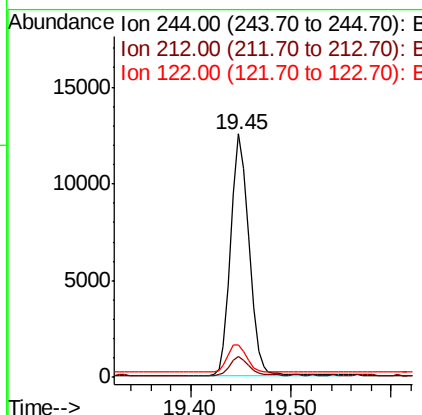
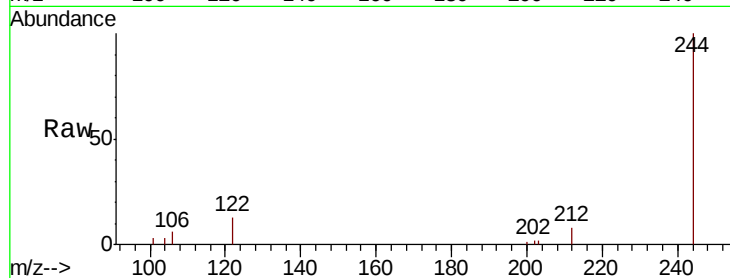
ClientSampleId :

GW-807-15.0-20.0-090619

Tot Ion:	244	Resp:	15807
Ion Ratio	Lower	Upper	
244	100		
212	8.3	7.0	10.6
122	13.3	9.6	14.4

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#30

Benzo(a)anthracene

Concen: 0.064 ng

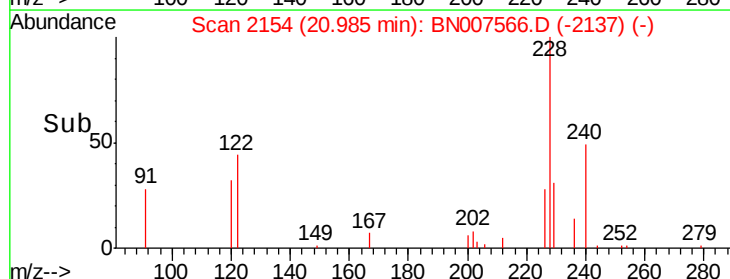
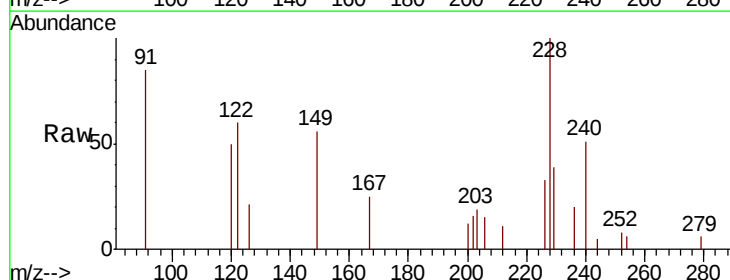
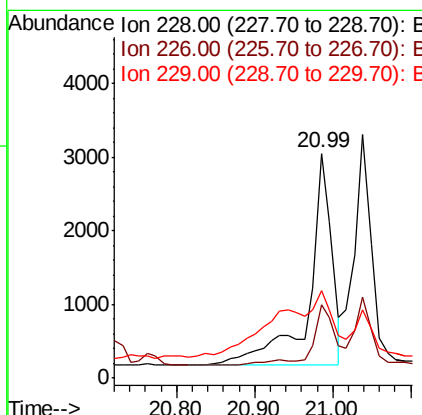
RT: 20.99 min Scan# 2154

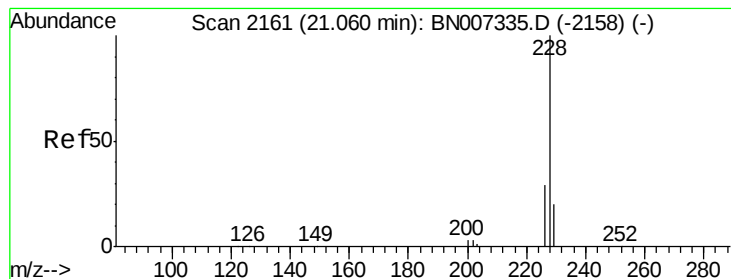
Delta R.T. -0.02 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Tgt Ion:	228	Resp:	5928
Ion Ratio	Lower	Upper	
228	100		
226	32.6	21.3	31.9#
229	38.8	16.1	24.1#





#31

Chrysene

Concen: 0.052 ng

RT: 21.04 min Scan# 2159

Delta R.T. -0.02 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Instrument :

BNA_N

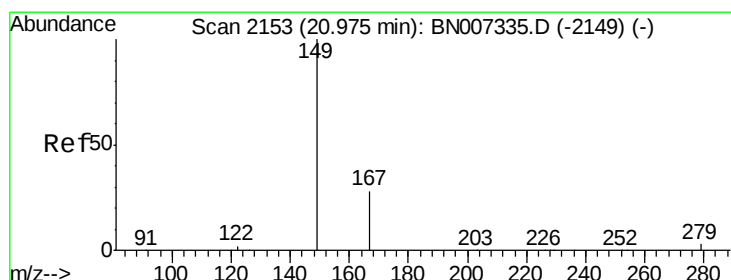
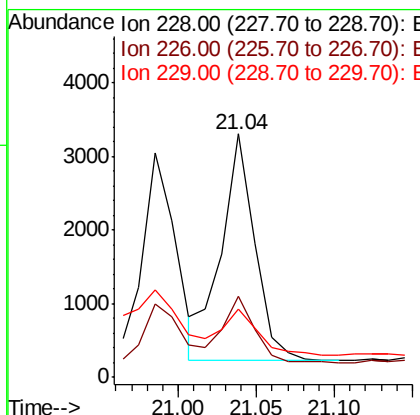
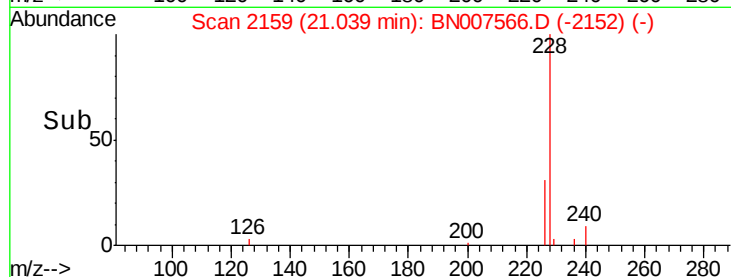
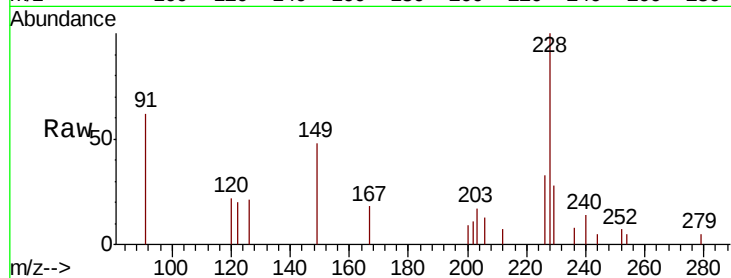
ClientSampleId :

GW-807-15.0-20.0-090619

Tot Ion:	228	Resp:	4648
Ion	Ratio	Lower	Upper
228	100		
226	33.4	23.5	35.3
229	28.1	16.6	24.8#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.230 ng

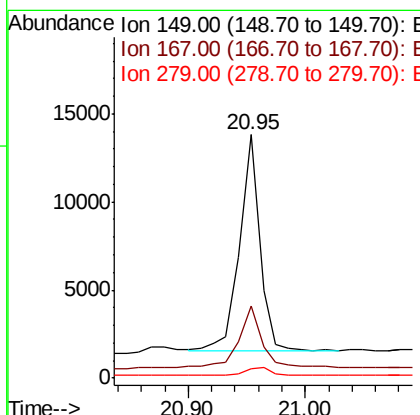
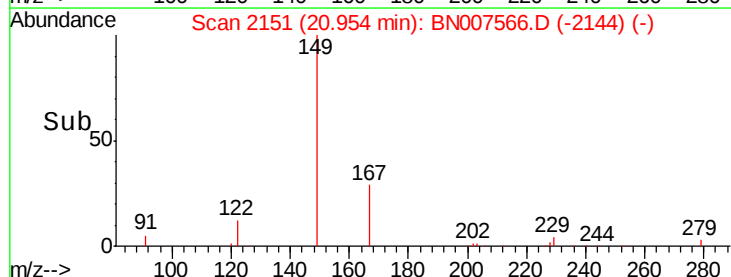
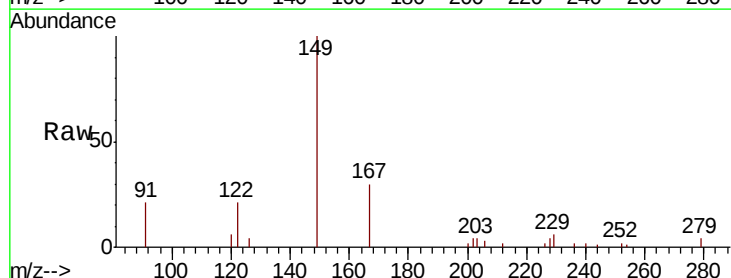
RT: 20.95 min Scan# 2151

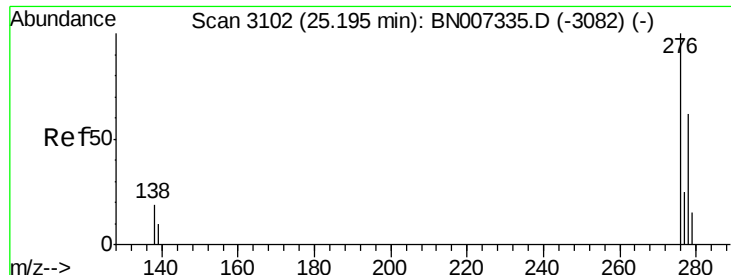
Delta R.T. -0.02 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Tgt Ion:	149	Resp:	14986
Ion	Ratio	Lower	Upper
149	100		
167	33.2	22.8	34.2
279	4.6	3.5	5.3





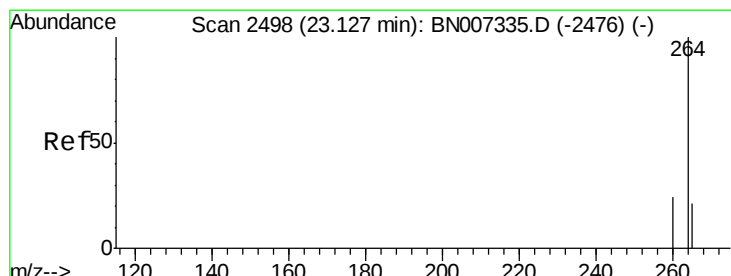
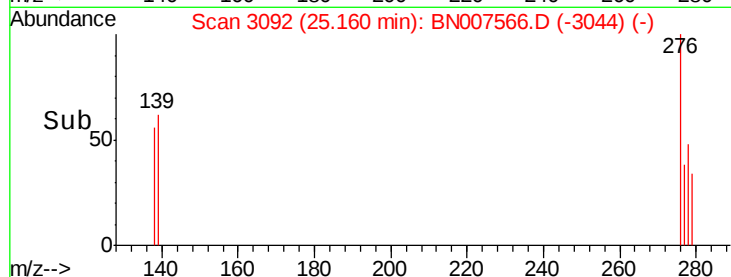
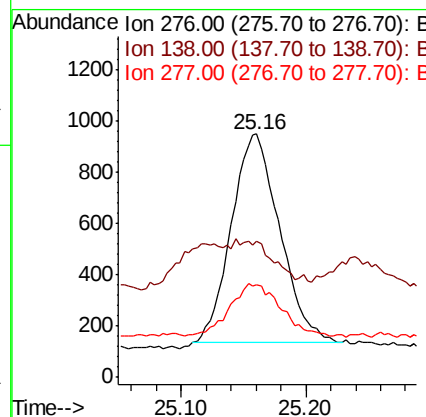
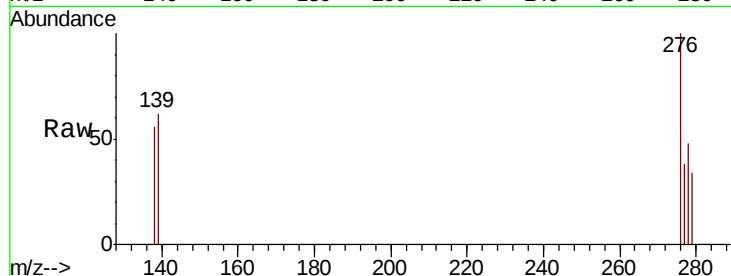
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 25.16 min Scan# 3092
Delta R.T. -0.03 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Instrument :
BNA_N
ClientSampleId :
GW-807-15.0-20.0-090619

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	15.1	22.7#
277	23.0	19.7	29.5

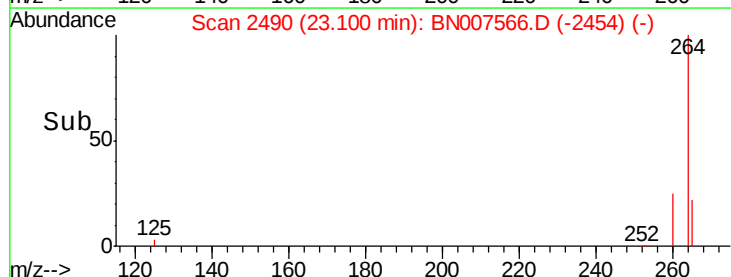
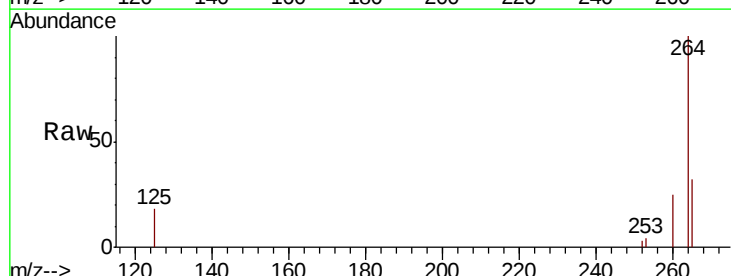
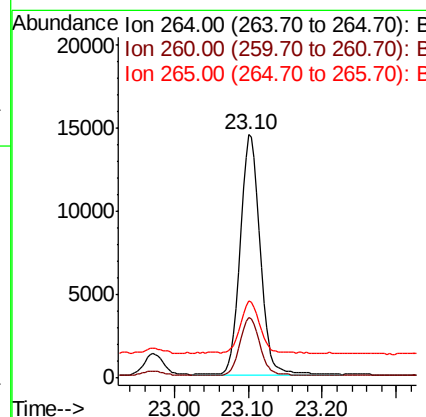
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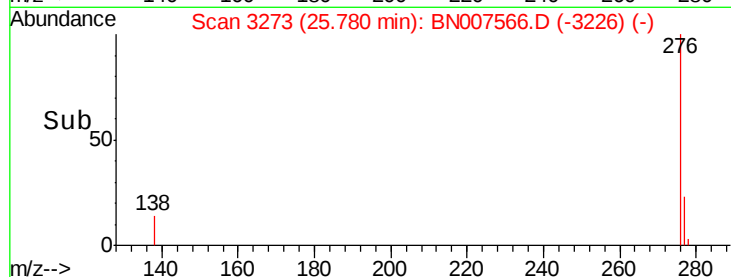
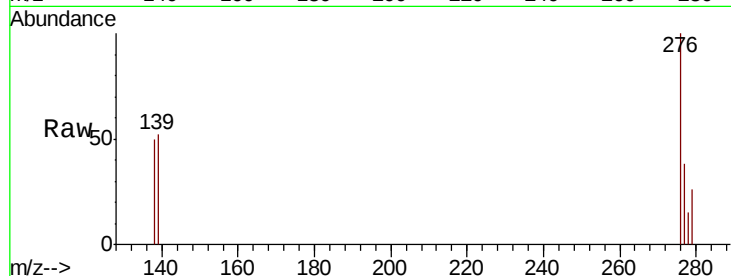
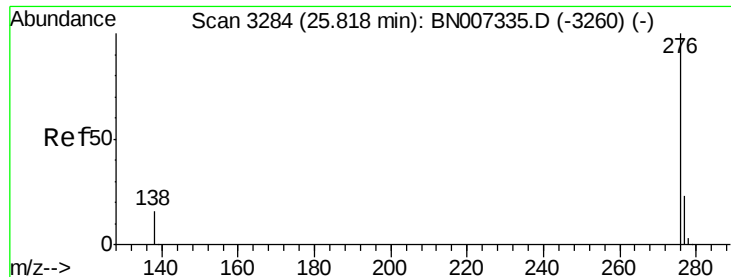
mohammad
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2490
Delta R.T. -0.03 min
Lab File: BN007566.D
Acq: 09 Sep 2019 00:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	31.5	29.9	44.9





#39

Benzo(a,h,i)perylene

Concen: 0.025 ng

RT: 25.78 min Scan# 3273

Delta R.T. -0.04 min

Lab File: BN007566.D

Acq: 09 Sep 2019 00:37

Instrument :

BNA_N

ClientSampleId :

GW-807-15.0-20.0-090619

Tot Ion	Ratio	Lower	Upper
276	100		
277	38.2	19.6	29.4#
138	50.1	16.3	24.5#

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