

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
 Data File : BN007570.D
 Acq On : 09 Sep 2019 03:01
 Operator : HP/JU
 Sample : K4762-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 STOCK-PILEMSD

Manual Integrations
 APPROVED

mohammad
 9/16/2019 8:53:31 AM

Quant Time: Sep 09 13:32:39 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	7.40	152	6563	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	48721	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	61914	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	30003	0.40	ng	0.00
27) Chrysene-d12	21.03	240	44384	0.40	ng	0.00
34) Perylene-d12	23.13	264	58208	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.03	112	9038	0.40	ng	0.00
5) Phenol-d6	6.59	99	12601	0.44	ng	0.00
8) Nitrobenzene-d5	8.52	82	20330	0.48	ng	-0.01
11) 2-Methylnaphthalene-d10	11.76	152	30856	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	3540	0.11	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	20105	0.08	ng	0.00
25) Fluoranthene-d10	18.85	212	40145	0.42	ng	0.00
29) Terphenyl-d14	19.46	244	46678	0.40	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.00	88	2979	0.273	ng	# 74
3) n-Nitrosodimethylamine	3.30	42	1941	0.383	ng	# 81
6) bis(2-Chloroethyl)ether	6.83	93	10789	0.455	ng	# 89
9) Naphthalene	10.20	128	4473115	32.129	ng	# 89
10) Hexachlorobutadiene	10.51	225	5373	0.188	ng	# 99
12) 2-Methylnaphthalene	11.83	142	923591	9.740	ng	95
16) Acenaphthylene	13.77	152	599500	1.637	ng	# 70
17) Acenaphthene	14.11	154	2553135	11.912	ng	97
18) Fluorene	15.10	166	3557782	13.124	ng	97
20) 4-Bromophenyl-phenylether	16.01	248	23213	1.962	ng	# 1
21) Hexachlorobenzene	16.12	284	9565	0.476	ng	# 73
22) Pentachlorophenol	16.48	266	8356	1.337	ng	# 49
23) Phenanthrene	16.85	178	20796410	230.438	ng	# 81
24) Anthracene	16.94	178	8786792	96.798	ng	# 95
26) Fluoranthene	18.88	202	21884776m	188.866	ng	
28) Pyrene	19.25	202	20608819m	115.427	ng	
30) Benzo(a)anthracene	21.02	228	16645597	95.496	ng	# 86
31) Chrysene	21.07	228	12826405	76.236	ng	# 86
32) Bis(2-ethylhexyl)phthalate	20.96	149	231186	2.031	ng	100
33) Indeno(1,2,3-cd)pyrene	25.23	276	9991970	49.299	ng	100
35) Benzo(b)fluoranthene	22.53	252	18985379	90.020	ng	97
36) Benzo(k)fluoranthene	22.56	252	7472208m	35.848	ng	
37) Benzo(a)pyrene	23.06	252	14348408m	71.494	ng	
38) Dibenzo(a,h)anthracene	25.22	278	2685957	13.413	ng	98
39) Benzo(g,h,i)perylene	25.86	276	8594255	43.074	ng	99

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

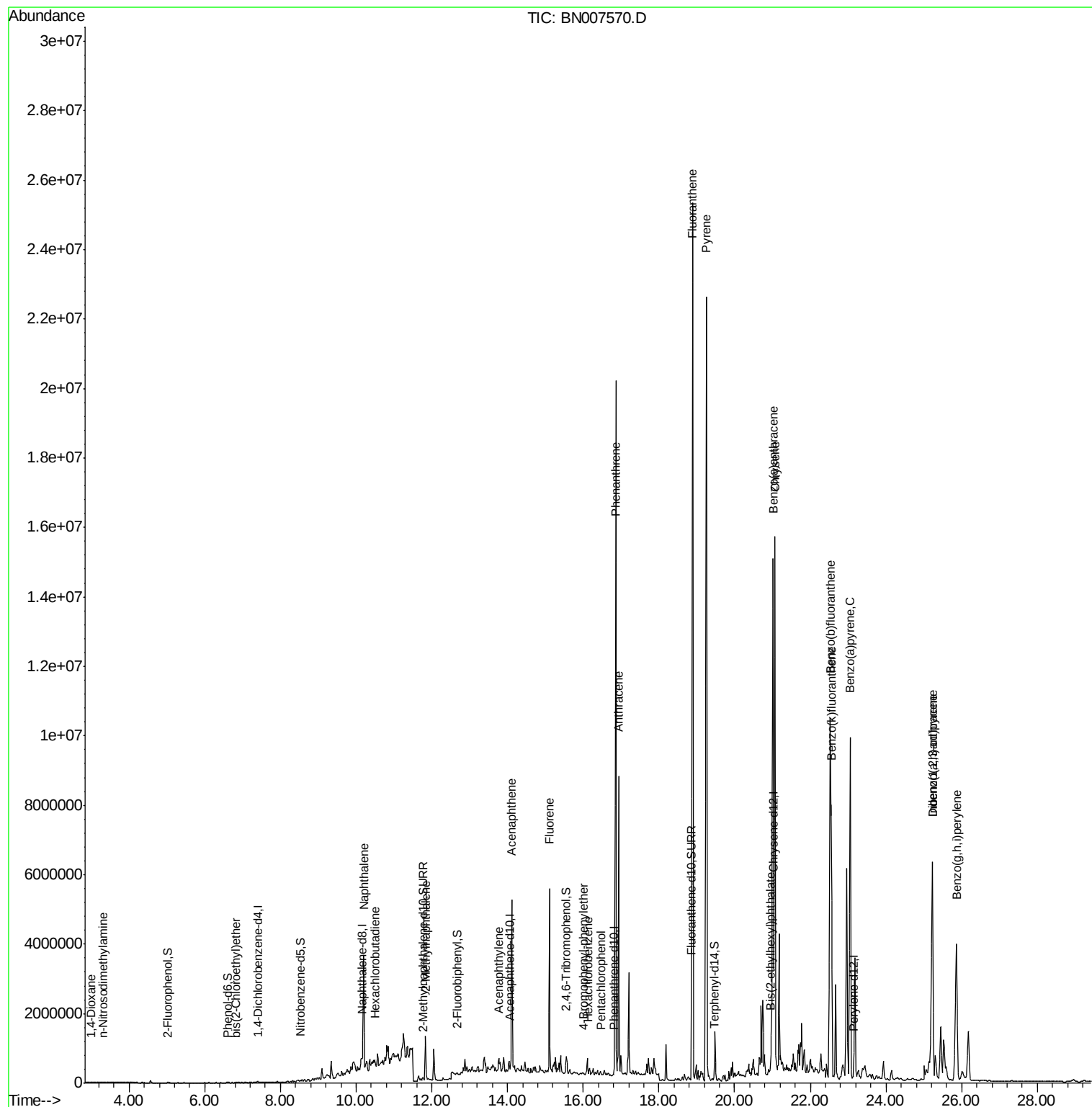
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
Data File : BN007570.D
Acq On : 09 Sep 2019 03:01
Operator : HP/JU
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Manual Integrations
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9/16/2019 8:53:31 AM

Quant Time: Sep 09 13:32:39 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
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#1

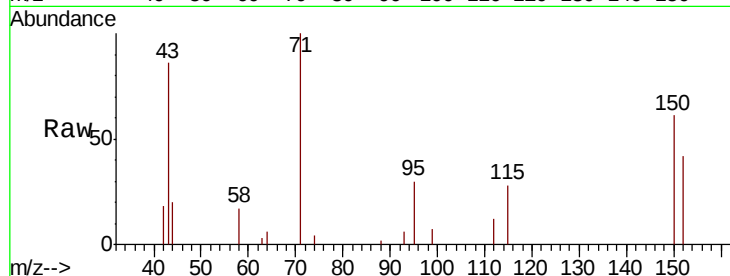
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Instrument :
BNA_N
ClientSampleId :
STOCK-PILEMSD

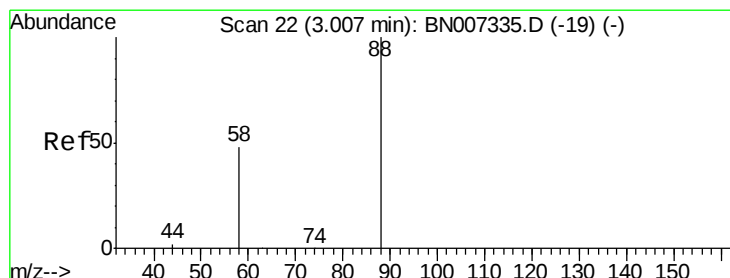
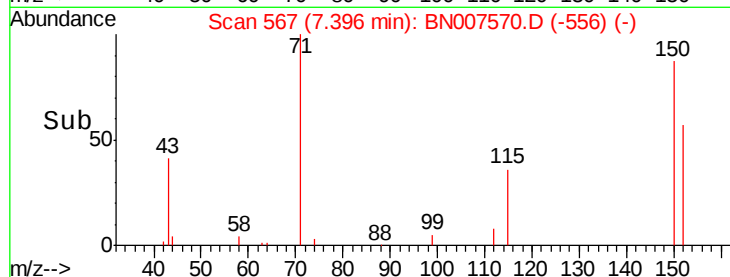
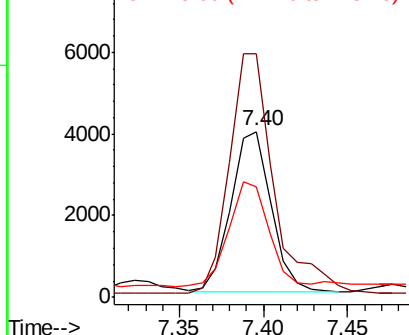
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.5	109.1	163.7
115	66.7	59.6	89.4

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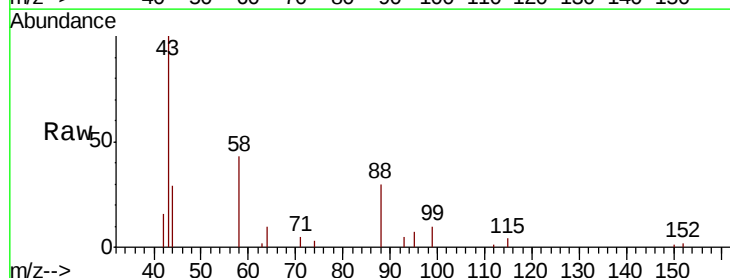
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



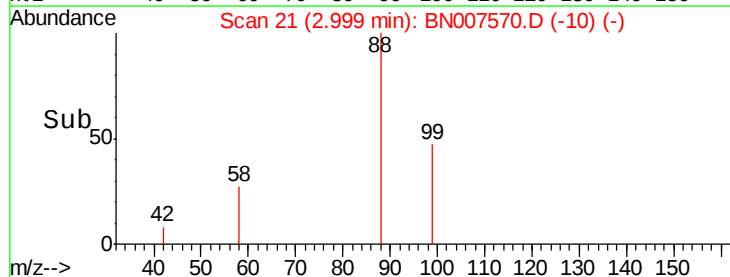
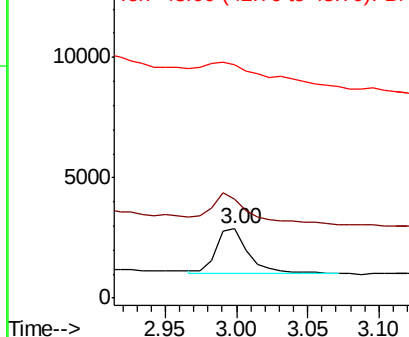
#2

1,4-Dioxane
Concen: 0.273 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	50.5	75.7#
43	89.1	0.0	0.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

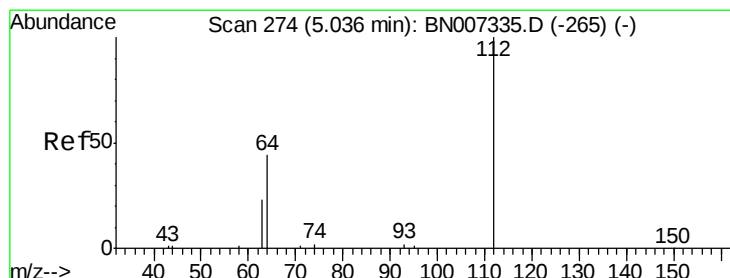
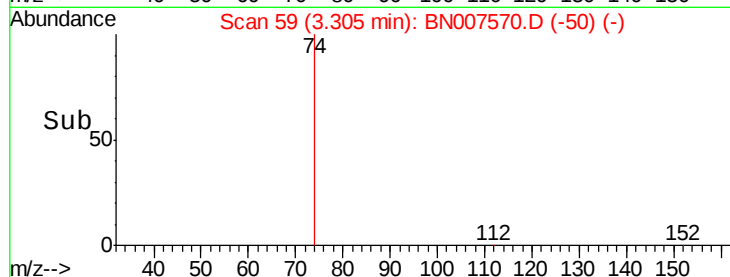
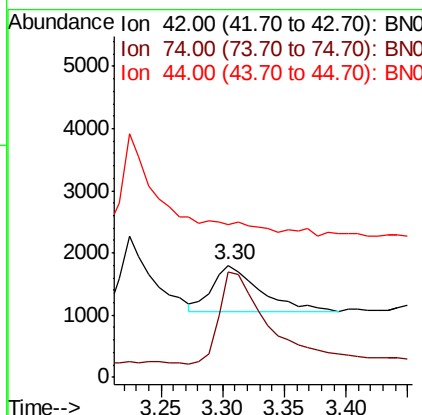
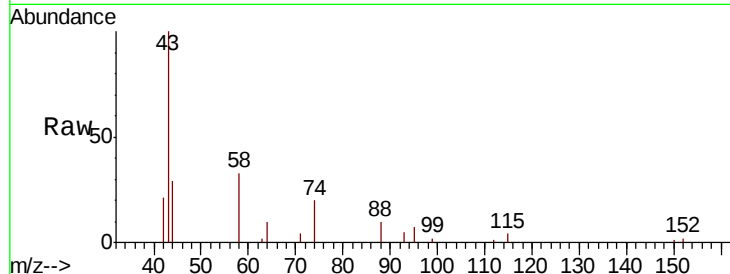
n-Nitrosodimethylamine
 Concen: 0.383 ng
 RT: 3.30 min Scan# 59
 Delta R.T. -0.02 min
 Lab File: BN007570.D
 Acq: 09 Sep 2019 03:01

Instrument :
 BNA_N
 ClientSampleId :
 STOCK-PILEMSD

Tot Ion	42	Resp	1941
Ion Ratio	Lower	Upper	
42	100		
74	208.1	144.7	217.1
44	0.0	3.2	4.8#

Manual Integrations
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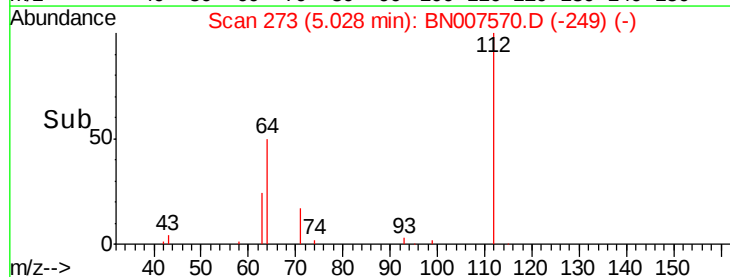
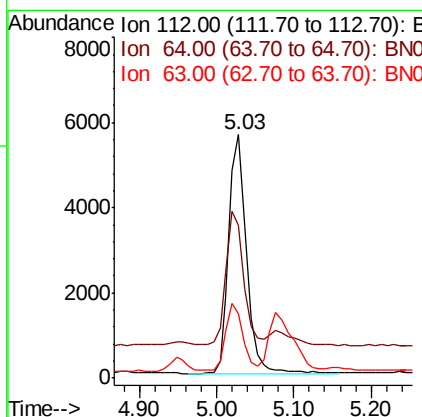
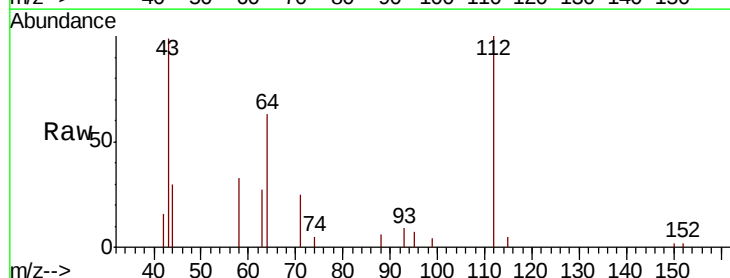
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#4

2-Fluorophenol
 Concen: 0.396 ng
 RT: 5.03 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: BN007570.D
 Acq: 09 Sep 2019 03:01

Tgt Ion	112	Resp	9038
Ion Ratio	Lower	Upper	
112	100		
64	54.4	42.3	63.5
63	26.6	23.6	35.4





#5

Phenol-d6

Concen: 0.438 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

Instrument :

BNA_N

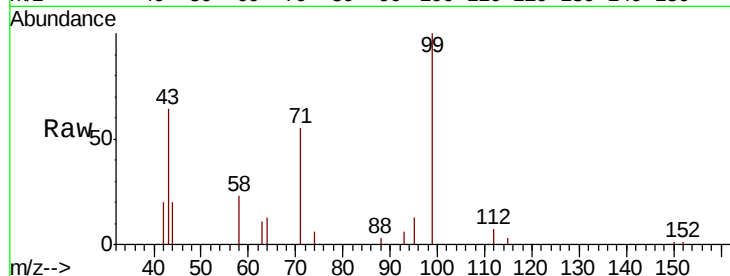
ClientSampleID :

STOCK-PILEMSD

Tot Ion:	99	Resp:	12601
Ion Ratio	Lower	Upper	
99	100		
42	17.6	11.2	16.8#
71	56.2	31.8	47.8#

Manual Integrations
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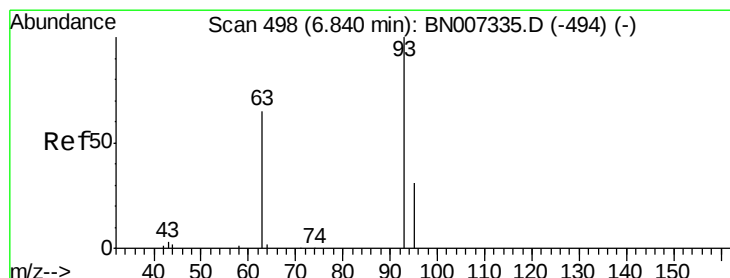
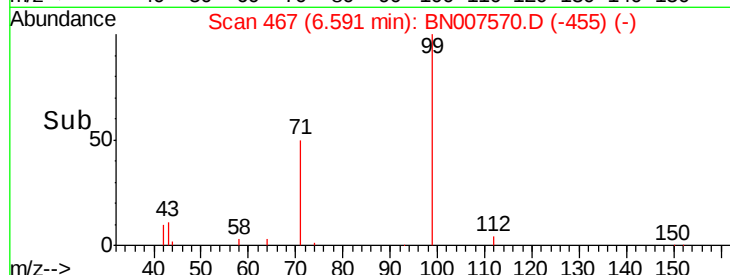
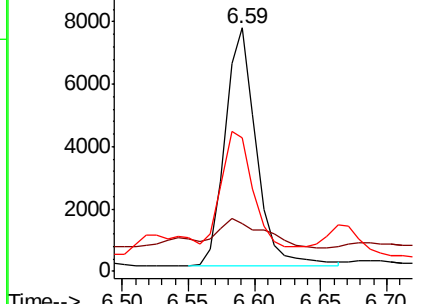
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Abundance Ion 99.00 (98.70 to 99.70): BN007570.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007570.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007570.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.455 ng

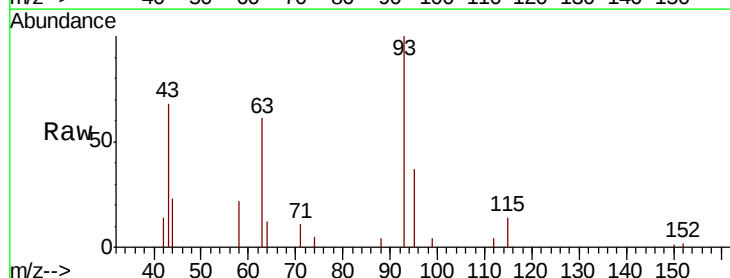
RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

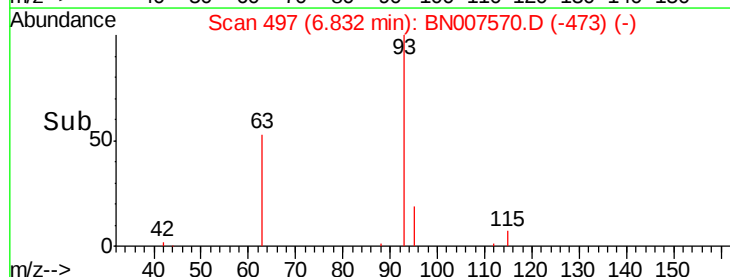
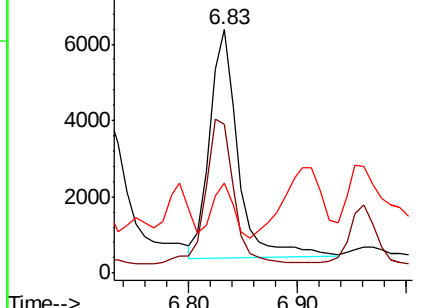
Tgt Ion:	93	Resp:	10789
Ion Ratio	Lower	Upper	
93	100		
63	64.0	51.9	77.9
95	17.4	27.7	41.5#

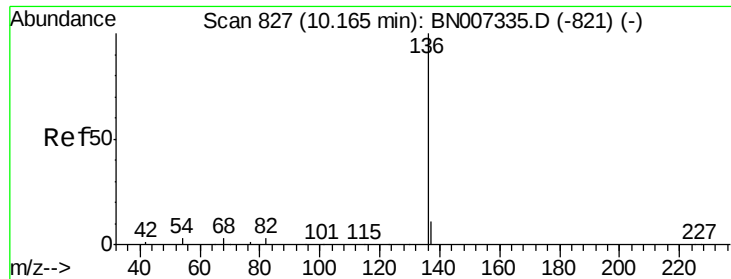


Abundance Ion 93.00 (92.70 to 93.70): BN007570.D (-473) (-)

Ion 63.00 (62.70 to 63.70): BN007570.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN007570.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

Instrument :

BNA_N

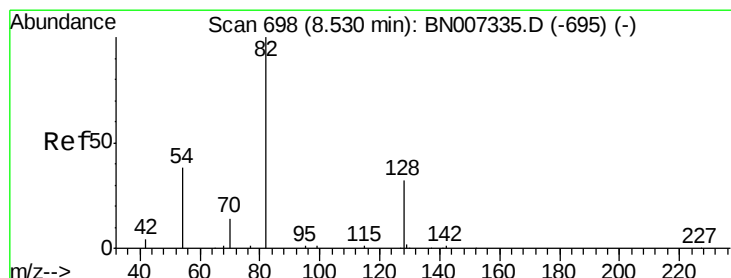
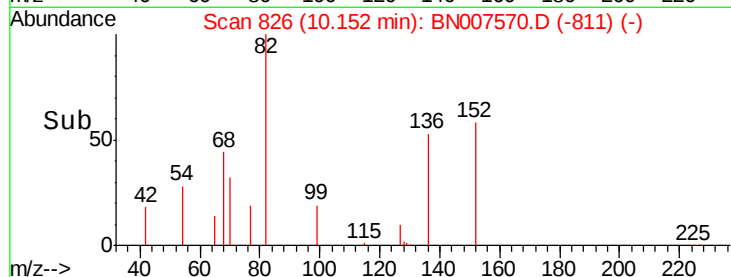
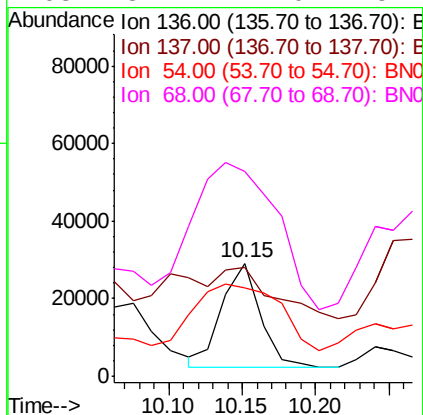
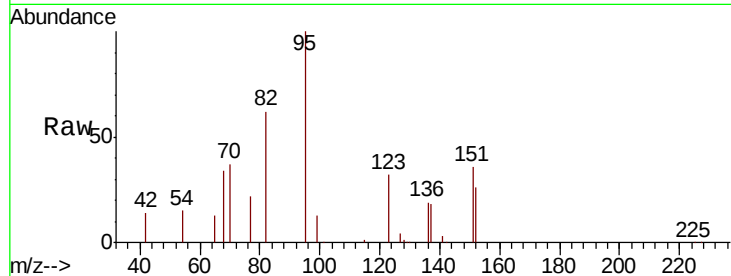
ClientSampleId :

STOCK-PILEMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		48721		
137	96.0	12.9	19.3#		
54	78.0	8.6	12.8#		
68	181.2	17.0	25.4#		

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#8

Nitrobenzene-d5

Concen: 0.479 ng

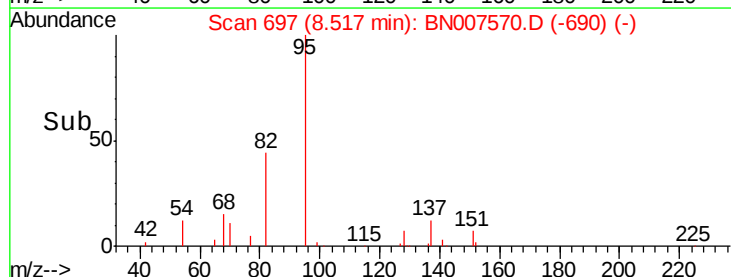
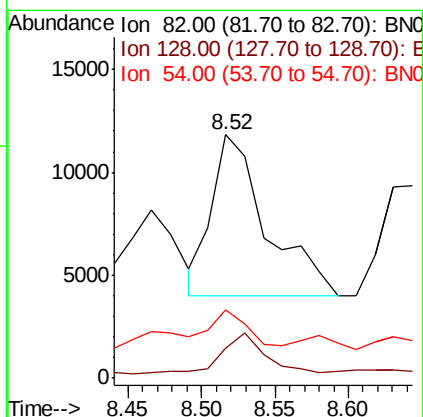
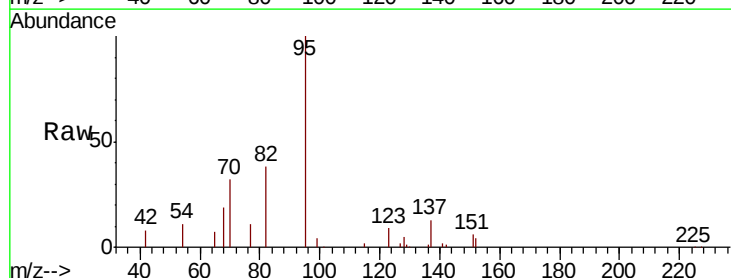
RT: 8.52 min Scan# 697

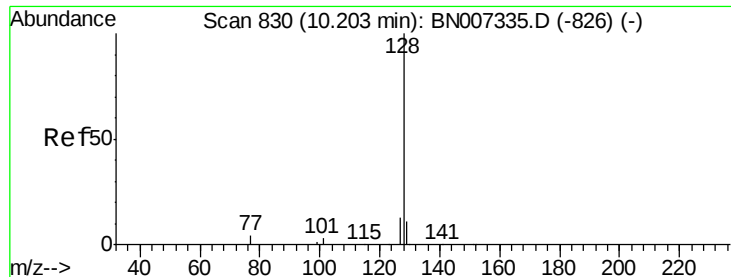
Delta R.T. -0.01 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		20330		
128	12.5	19.7	29.5#		
54	28.2	25.8	38.6		





#9

Naphthalene

Concen: 32.129 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

Instrument :

BNA_N

ClientSampleId :

STOCK-PILEMSD

Tot Ion:128 Resp: 4473115

Ion Ratio Lower Upper

128 100

129 11.4 11.1 16.7

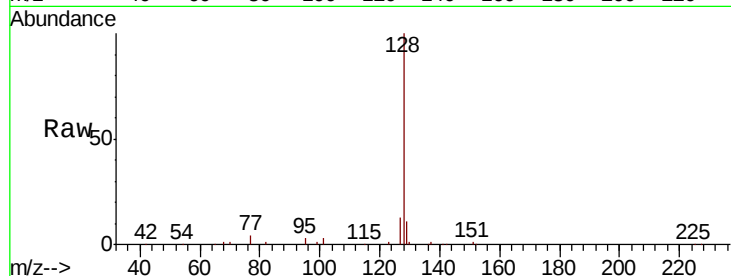
127 12.9 15.5 23.3#

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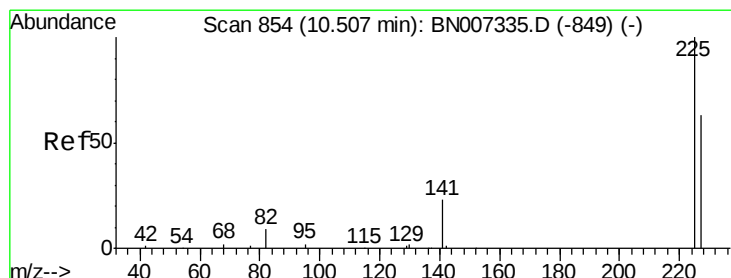
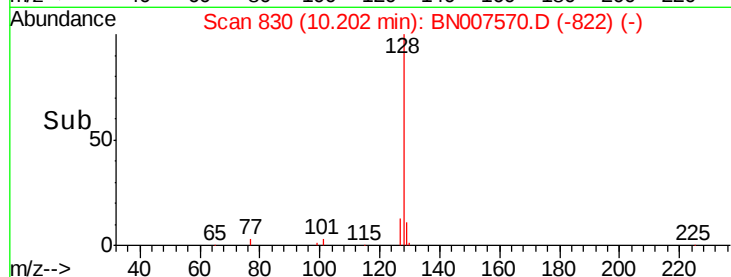
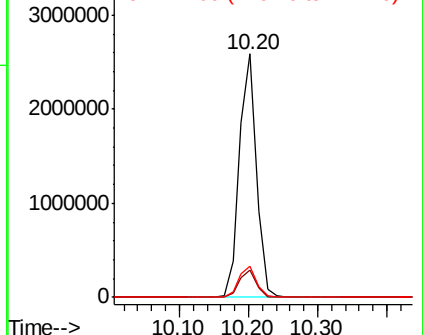


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.188 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

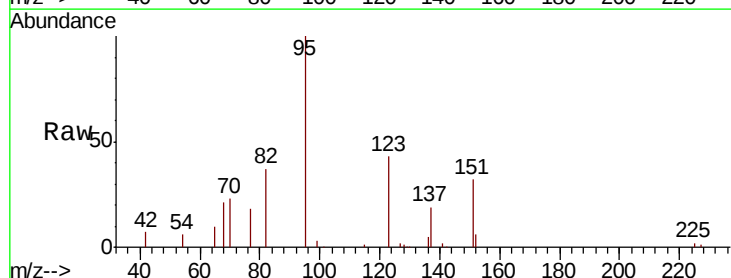
Tgt Ion:225 Resp: 5373

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.0 50.7 76.1

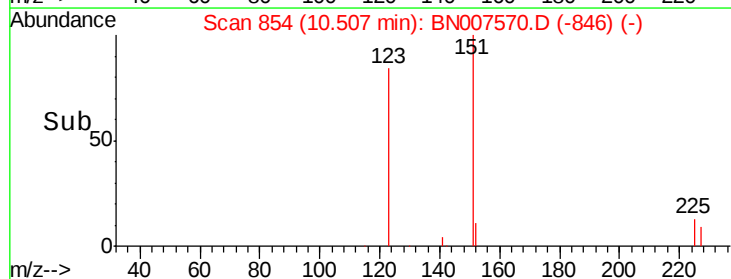
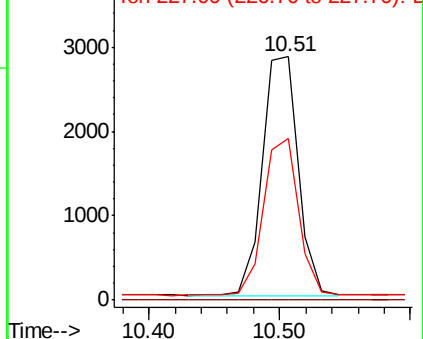


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





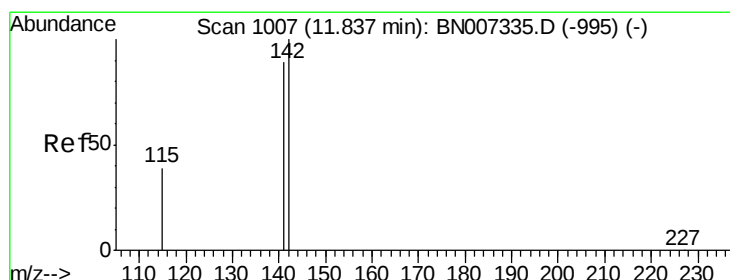
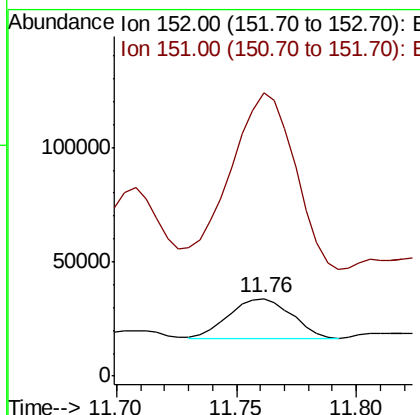
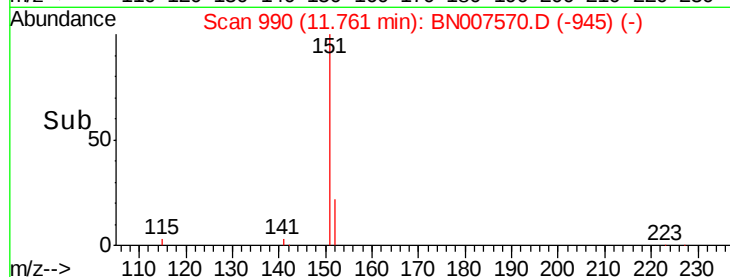
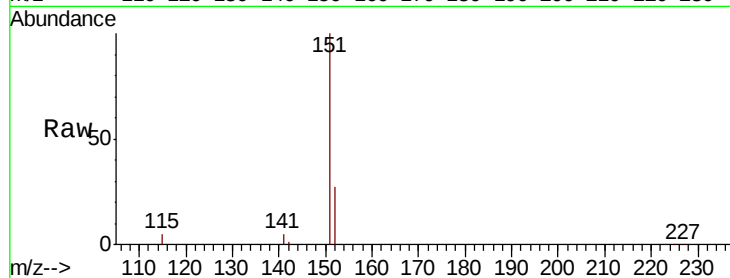
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.00 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Instrument :
BNA_N
ClientSampled :
STOCK-PILEMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	504.7	16.2	24.2#

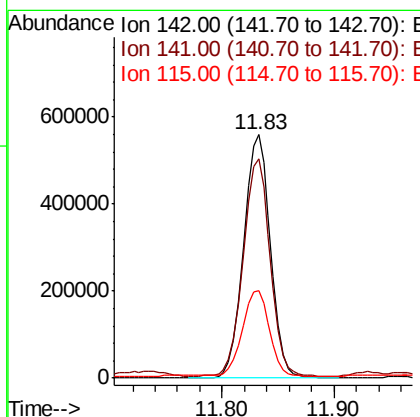
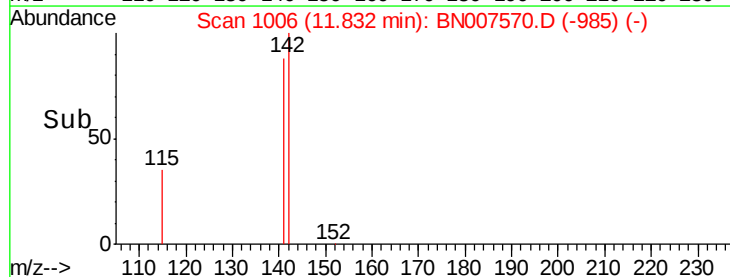
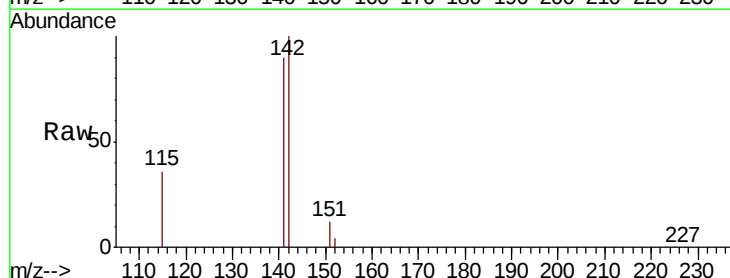
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#12
2-Methylnaphthalene
Concen: 9.740 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.8	109.2
115	36.0	35.2	52.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

Instrument :

BNA_N

ClientSampleId :

STOCK-PILEMSD

Tot Ion:164 Resp: 61914

Ion Ratio Lower Upper

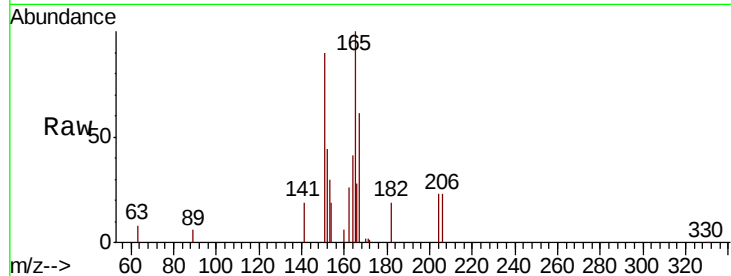
164 100

162 62.0 83.5 125.3#

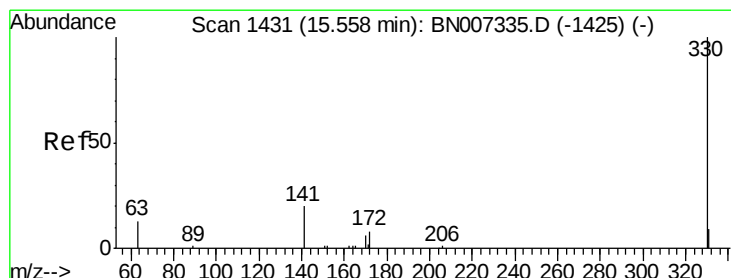
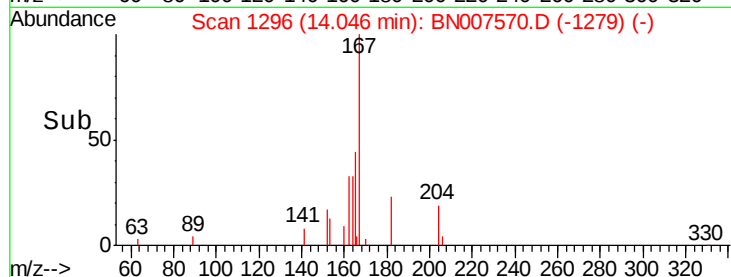
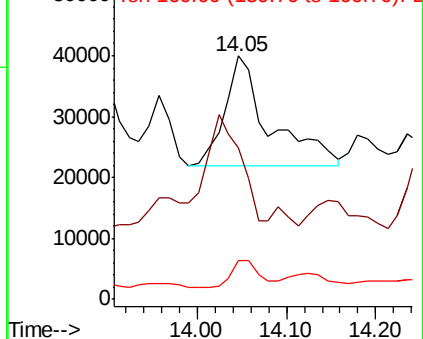
160 15.8 38.2 57.4#

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.109 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

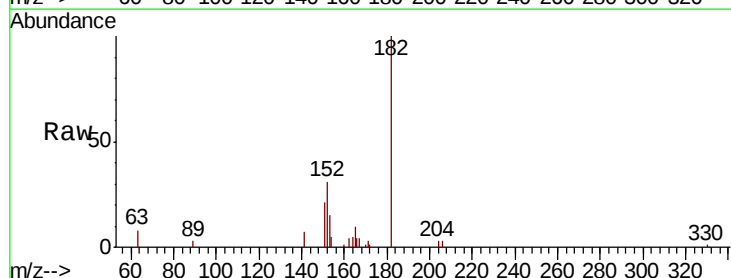
Tgt Ion:330 Resp: 3540

Ion Ratio Lower Upper

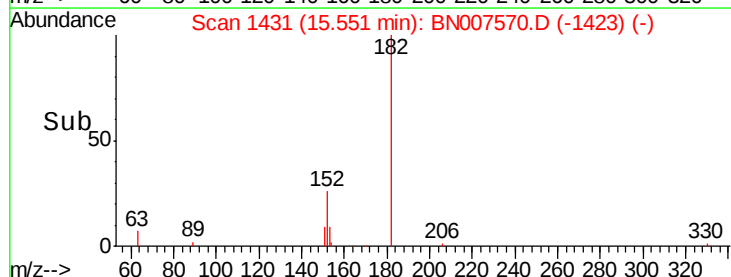
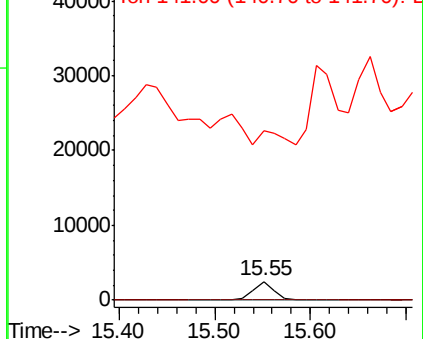
330 100

332 0.0 0.0 0.0

141 83.0 26.9 40.3#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





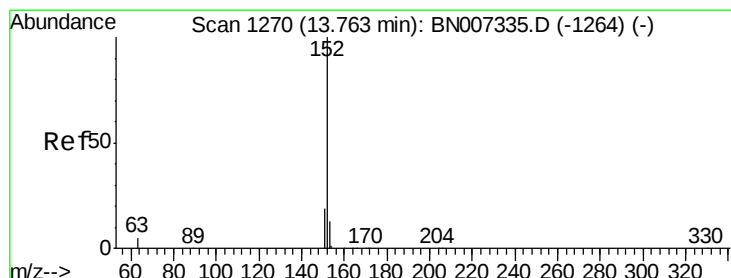
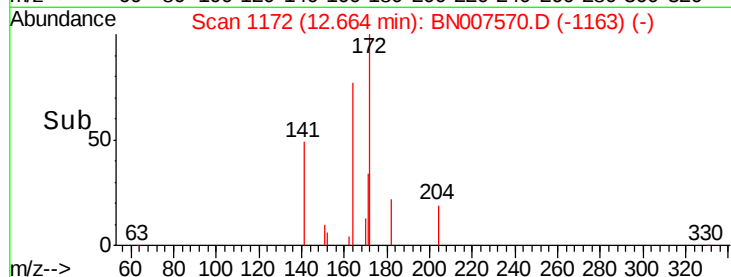
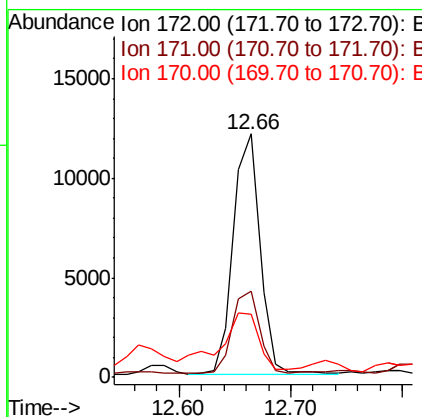
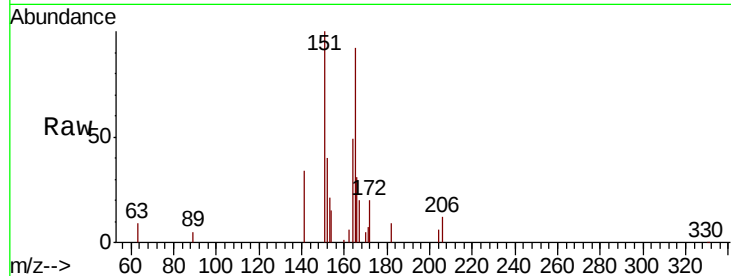
#15
2-Fluorobiphenyl
Concen: 0.081 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Instrument :
BNA_N
ClientSampleId :
STOCK-PILEMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.3	45.5
170	26.0	20.7	31.1

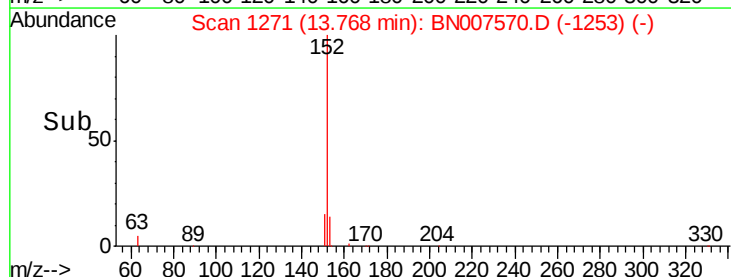
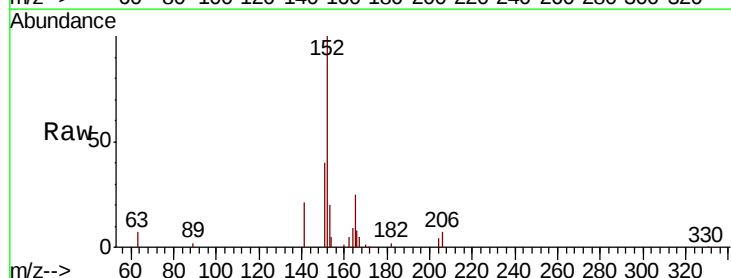
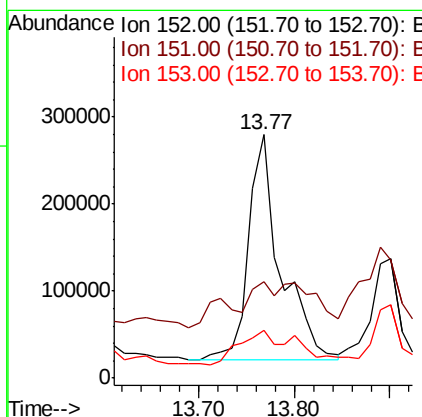
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#16
Acenaphthylene
Concen: 1.637 ng
RT: 13.77 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	9.2	16.1	24.1#
153	29.1	10.6	15.8#





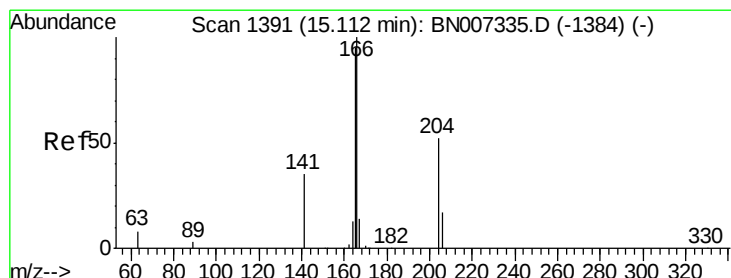
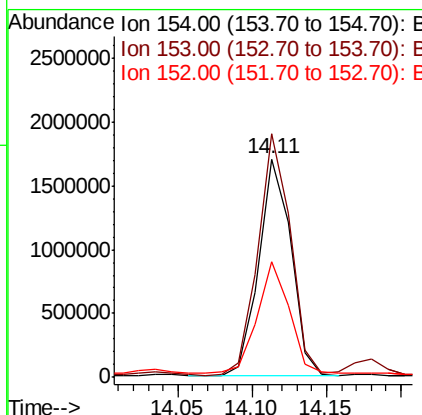
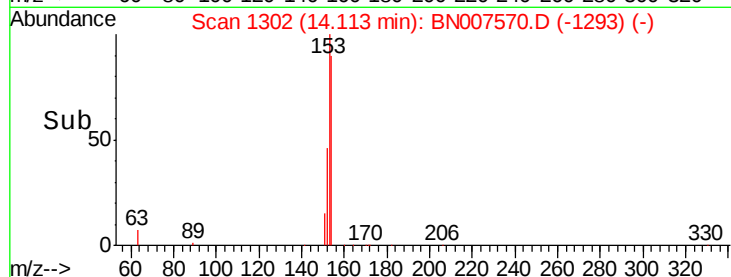
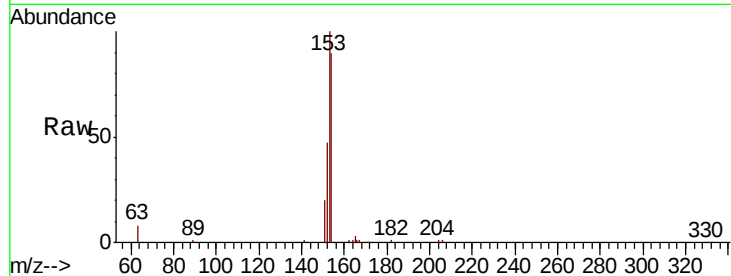
#17
Acenaphthene
Concen: 11.912 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Instrument :
BNA_N
ClientSampleId :
STOCK-PILEMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	92.8	139.2
152	54.2	43.8	65.8

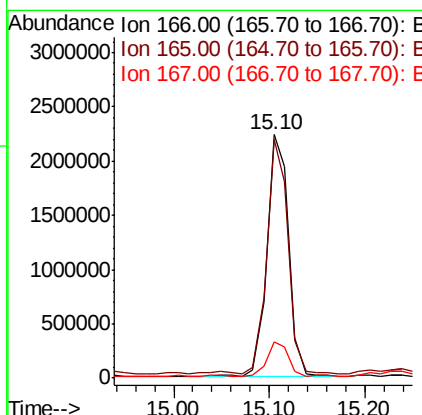
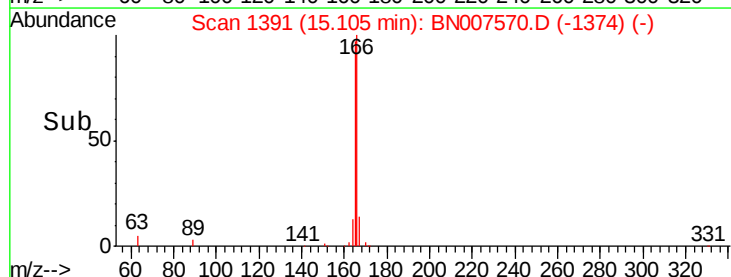
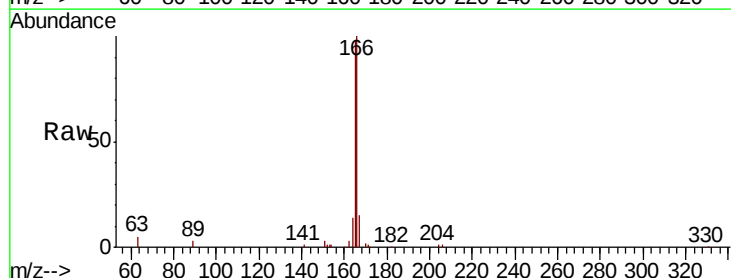
Manual Integrations
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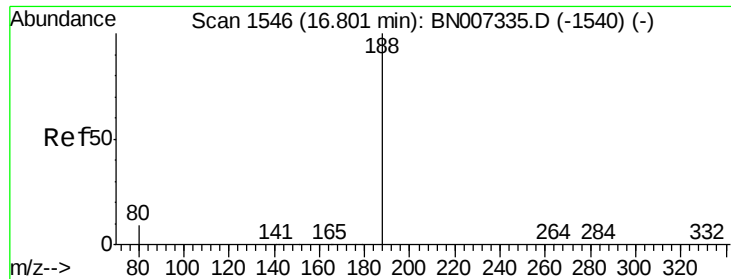
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#18
Fluorene
Concen: 13.124 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.4	79.0	118.4
167	14.3	10.6	15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

Instrument :

BNA_N

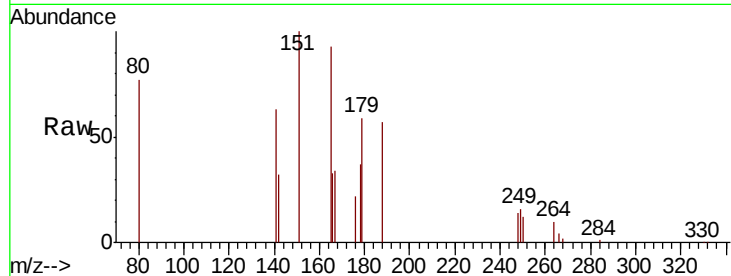
ClientSampleId :

STOCK-PILEMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	0.0	0.0	0.0	
80	134.9	11.8	17.8#	

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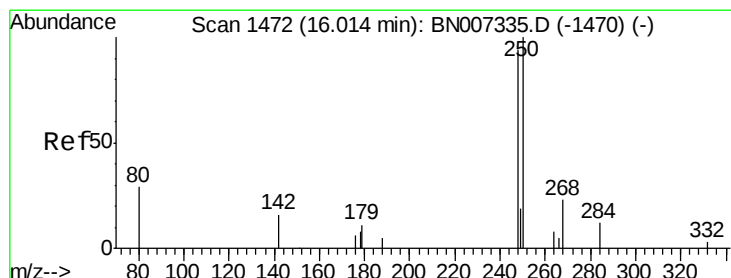
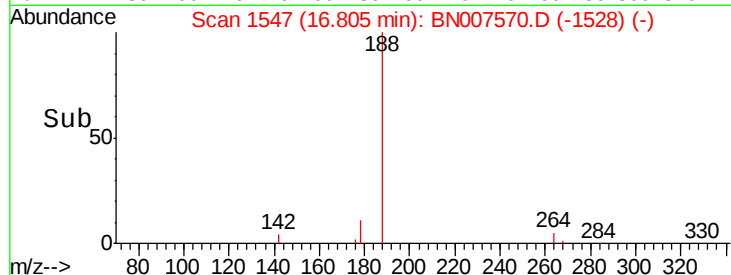
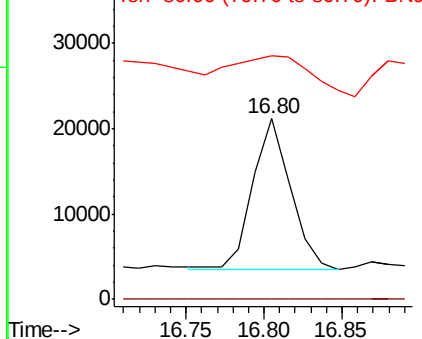
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 1.962 ng

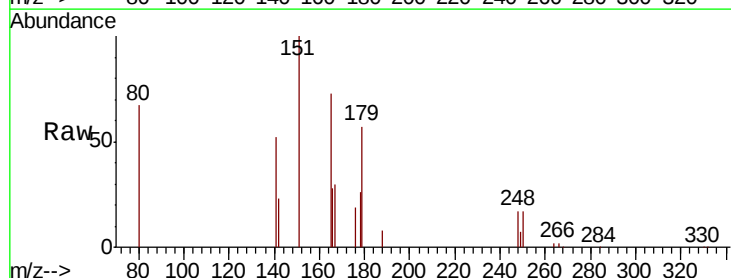
RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

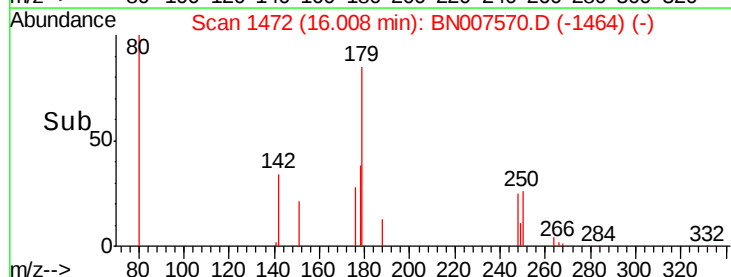
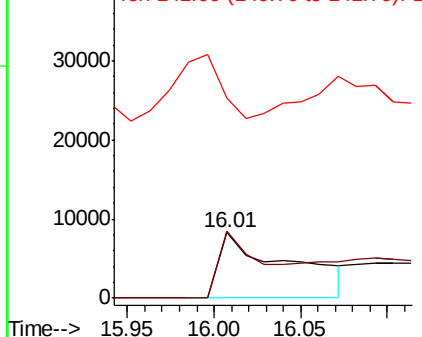
Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	102.6	85.0	127.6	
141	305.7	51.7	77.5#	

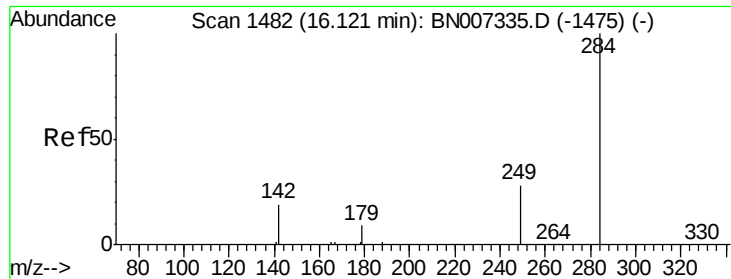


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.476 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

Instrument :

BNA_N

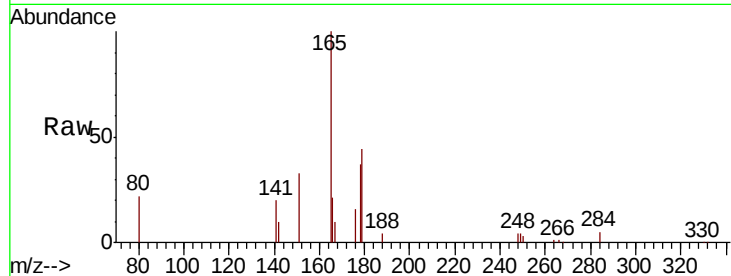
ClientSampleId :

STOCK-PILEMSD

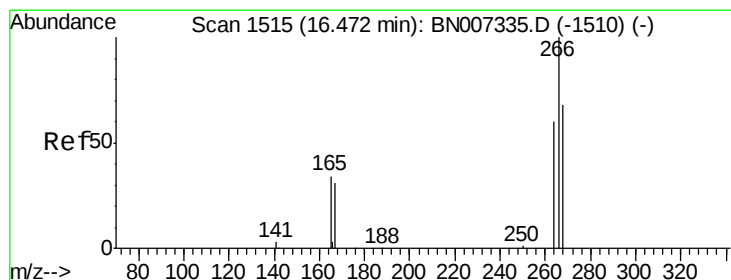
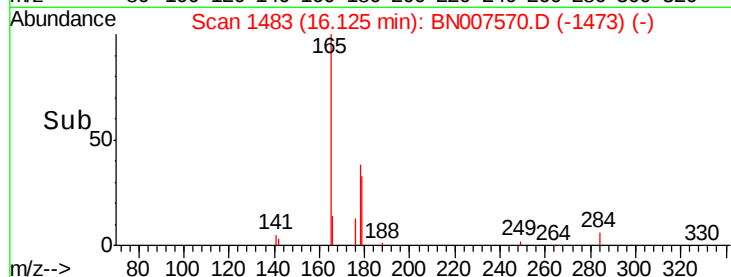
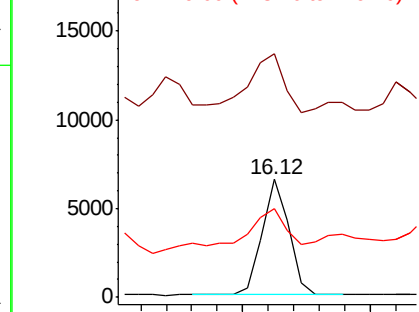
Tot Ion:	284	Resp:	9565
Ion Ratio	Lower	Upper	
284	100		
142	58.9	29.0	43.6#
249	38.1	24.9	37.3#

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.337 ng

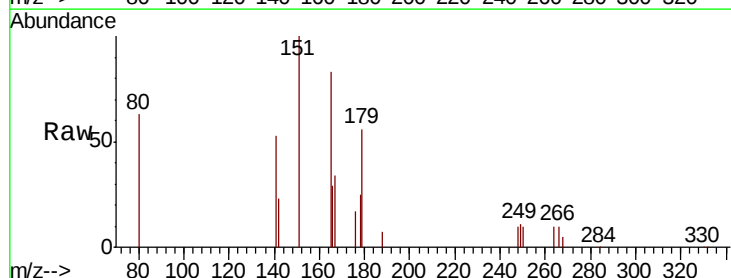
RT: 16.48 min Scan# 1516

Delta R.T. 0.00 min

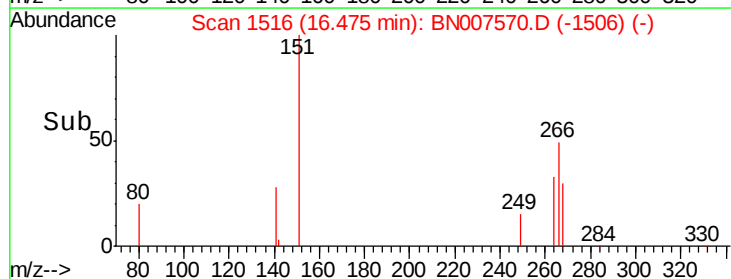
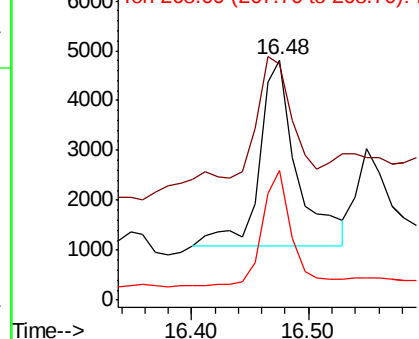
Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

Tgt Ion:	266	Resp:	8356
Ion Ratio	Lower	Upper	
266	100		
264	98.5	57.8	86.8#
268	54.3	99.7	149.5#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





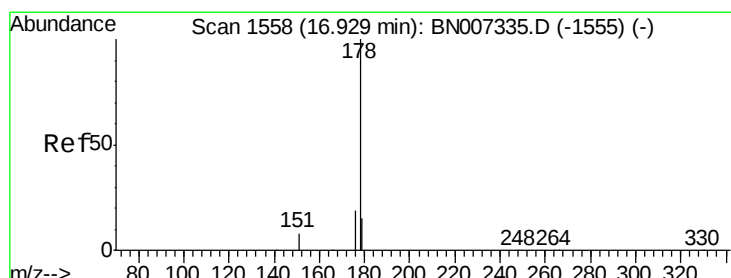
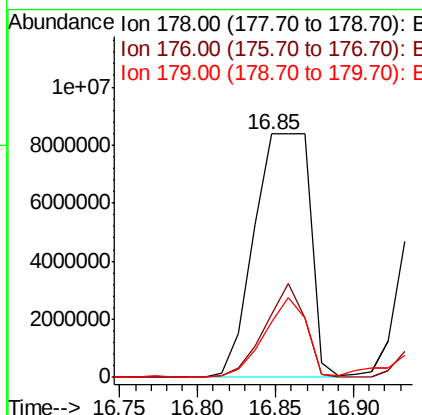
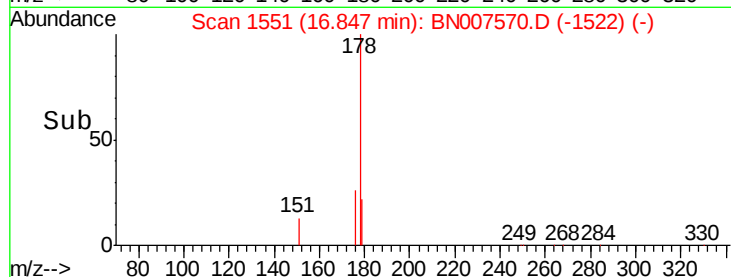
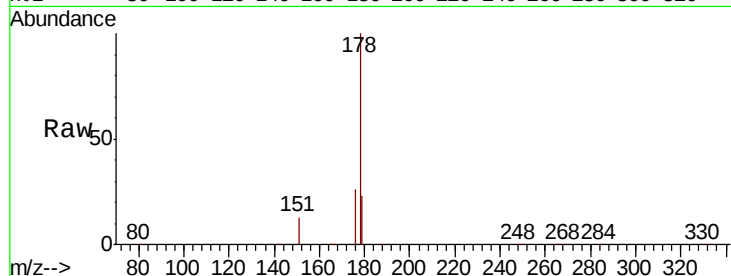
#23
Phenanthrene
Concen: 230.438 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Instrument :
BNA_N
ClientSampled :
STOCK-PILEMSD

Tot Ion:178 Resp:20796410
Ion Ratio Lower Upper
178 100
176 27.4 15.3 22.9#
179 24.3 12.6 19.0#

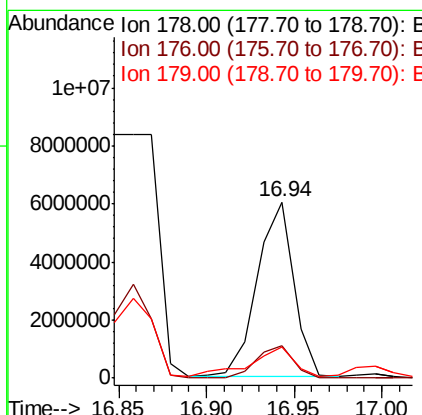
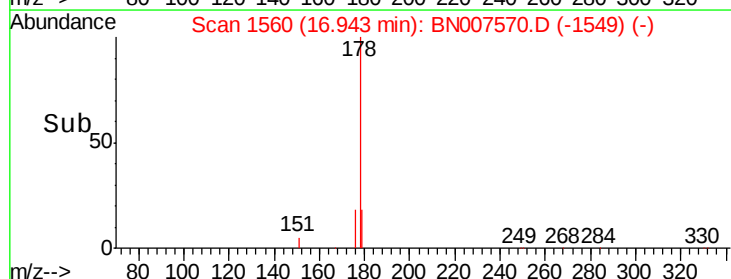
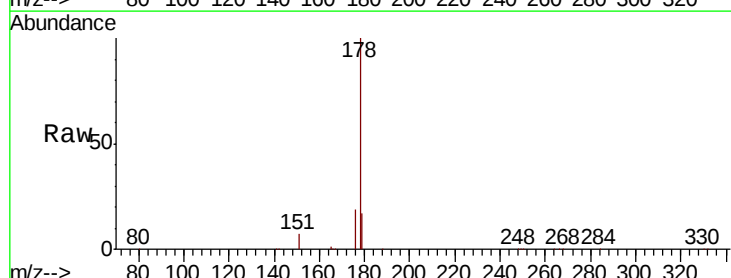
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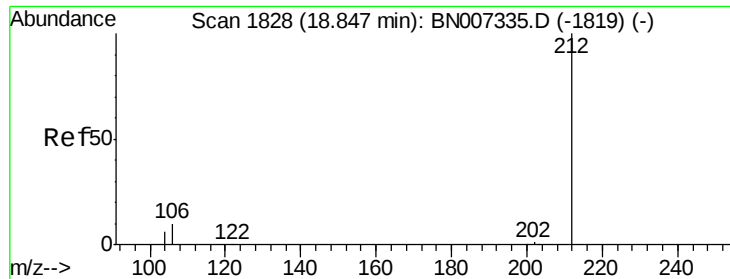
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#24
Anthracene
Concen: 96.798 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Tgt Ion:178 Resp: 8786792
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 20.0 12.4 18.6#





#25

Fluoranthene-d10

Concen: 0.415 ng

RT: 18.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

Instrument :

BNA_N

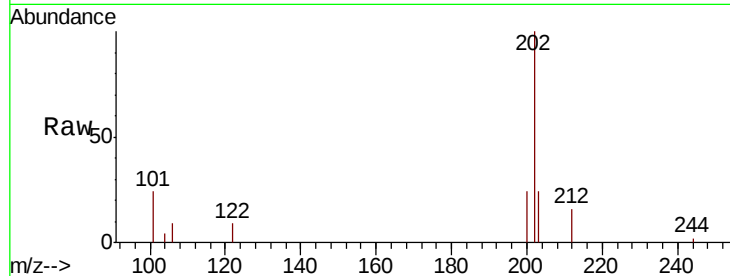
ClientSampleId :

STOCK-PILEMSD

Tot Ion	Ratio	Lower	Upper
212	100		
106	13.1	9.0	13.4
104	17.5	5.4	8.2

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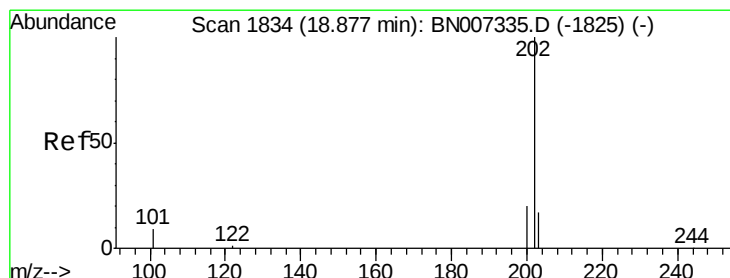
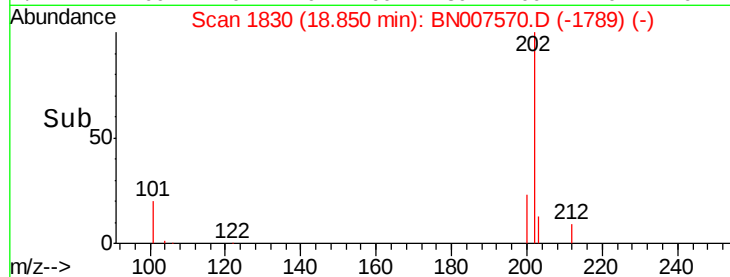
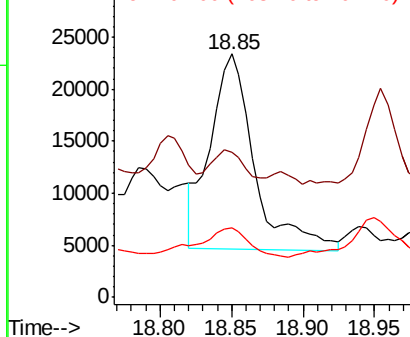


Abundance

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: 188.866 ng m

RT: 18.88 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

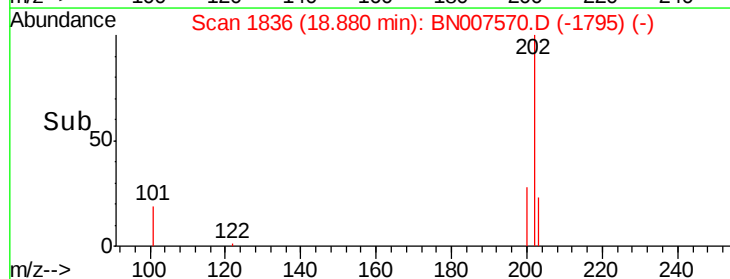
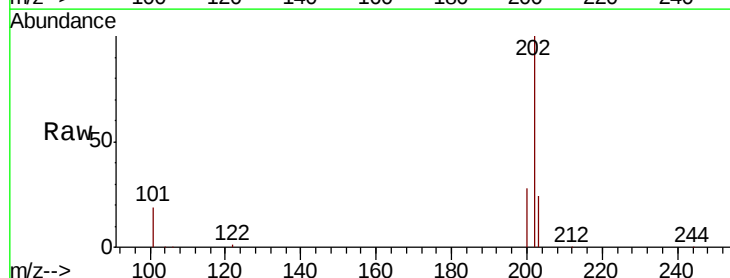
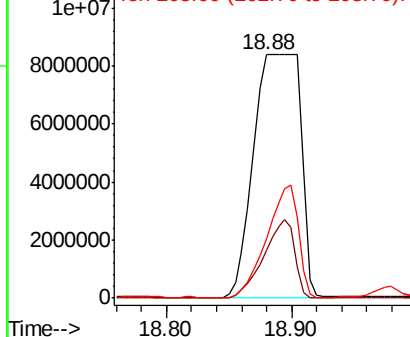
Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	7.7	11.5
203	0.0	13.7	20.5

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: 21.03 min Scan# 2159

Delta R.T. 0.01 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

Instrument :

BNA_N

ClientSampleId :

STOCK-PILEMSD

Tot Ion:240 Resp: 44384

Ion Ratio Lower Upper

240 100

120 44.1 9.6 14.4#

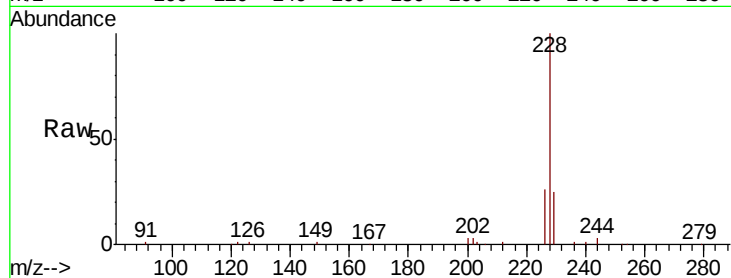
236 55.1 22.2 33.2#

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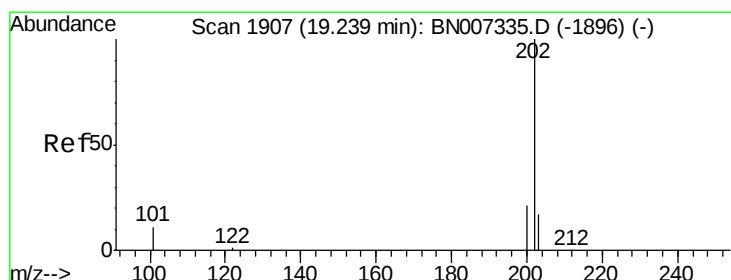
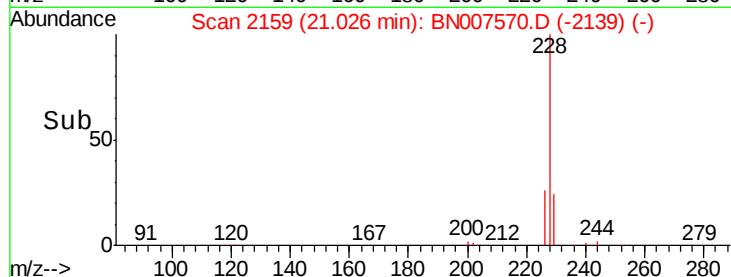
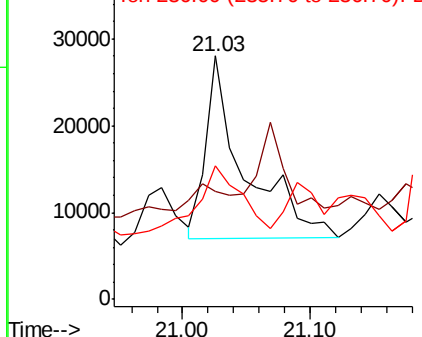
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 115.427 ng m

RT: 19.25 min Scan# 1910

Delta R.T. 0.01 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

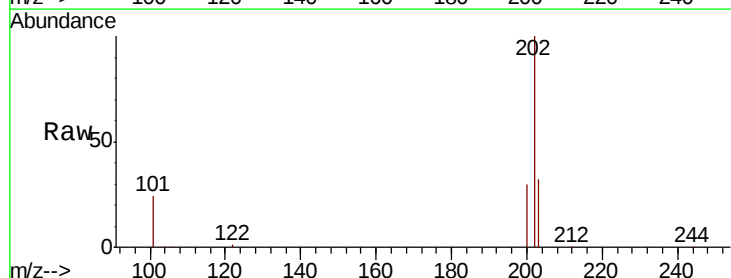
Tgt Ion:202 Resp:20608819

Ion Ratio Lower Upper

202 100

200 0.0 16.6 25.0#

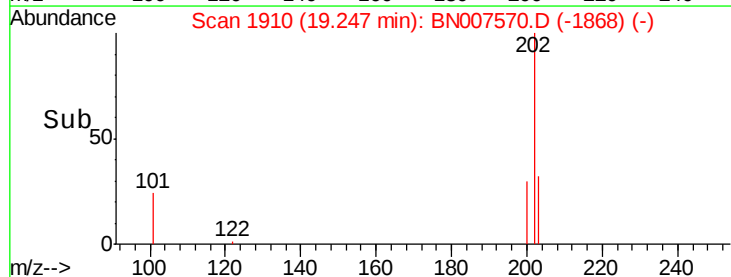
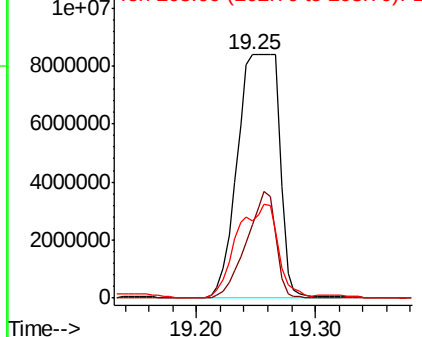
203 0.0 14.2 21.4#



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: 0.402 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

Instrument :

BNA_N

ClientSampleId :

STOCK-PILEMSD

Tot Ion:244 Resp: 46678

Ion Ratio Lower Upper

244 100

212 17.2 7.0 10.6#

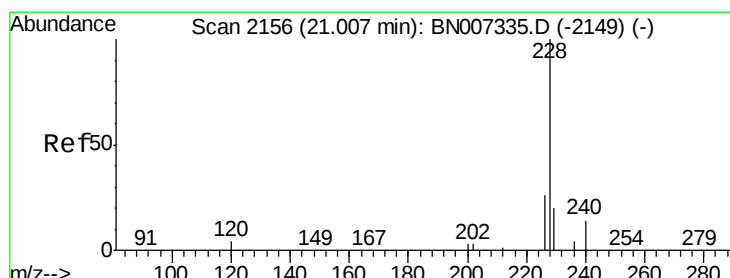
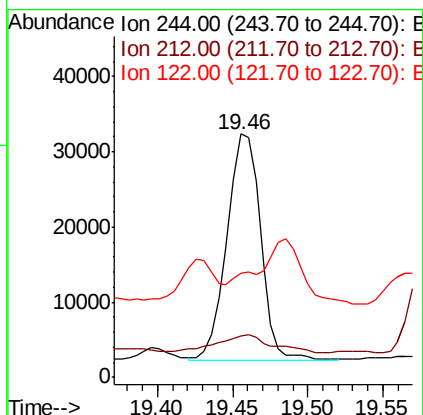
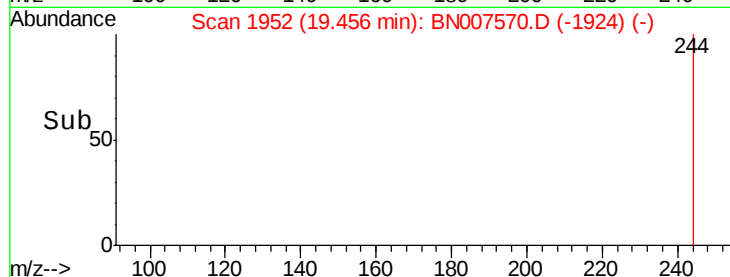
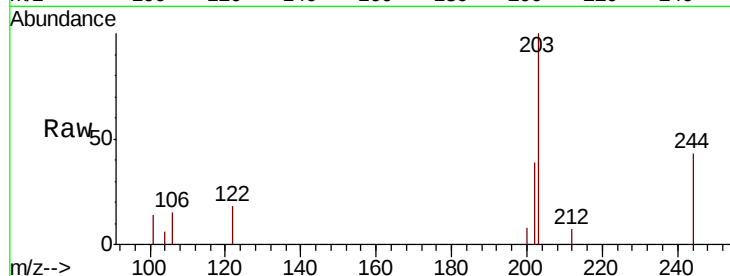
122 42.7 9.6 14.4#

Manual Integrations

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#30

Benzo(a)anthracene

Concen: 95.496 ng

RT: 21.02 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

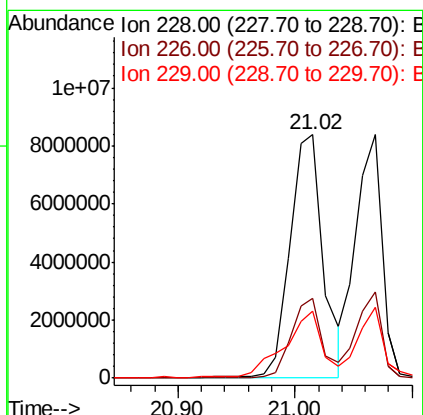
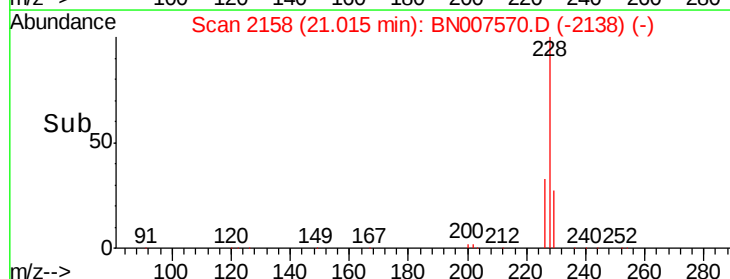
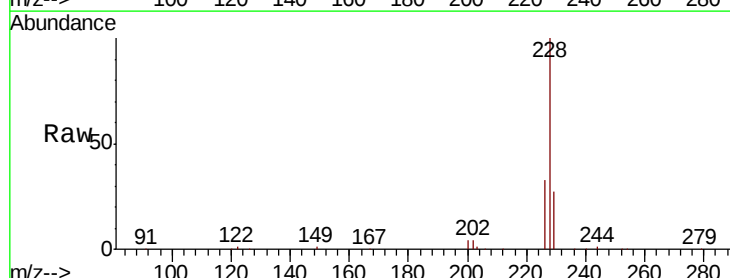
Tgt Ion:228 Resp:16645597

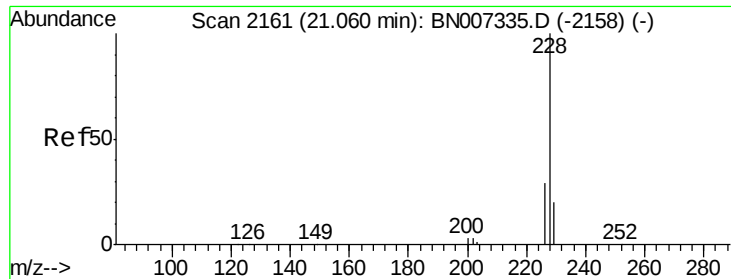
Ion Ratio Lower Upper

228 100

226 33.0 21.3 31.9#

229 27.3 16.1 24.1#





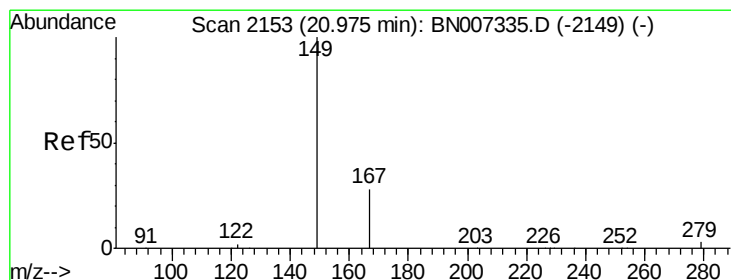
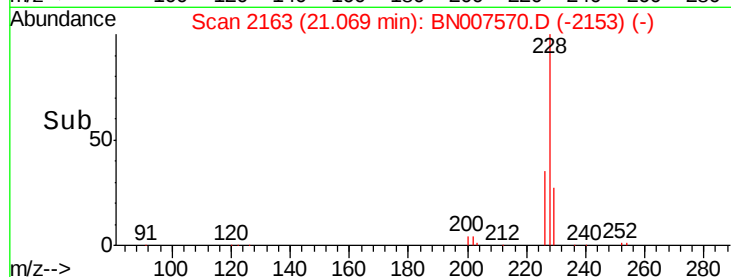
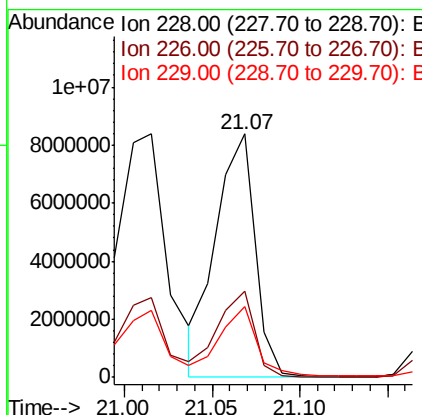
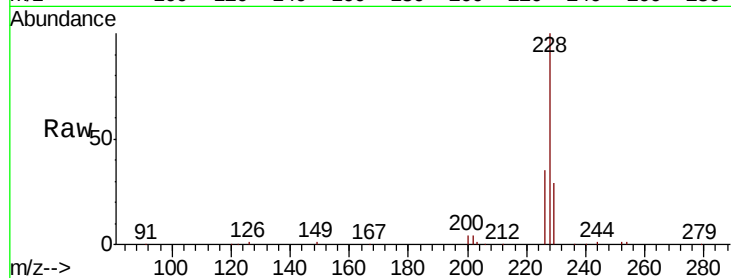
#31
 Chrysene
 Concen: 76.236 ng
 RT: 21.07 min Scan# 2163
 Delta R.T. 0.01 min
 Lab File: BN007570.D
 Acq: 09 Sep 2019 03:01

Instrument :
 BNA_N
 ClientSampleID :
 STOCK-PILEMSD

Tot Ion:228 Resp:12826405
 Ion Ratio Lower Upper
 228 100
 226 35.4 23.5 35.3#
 229 29.2 16.6 24.8#

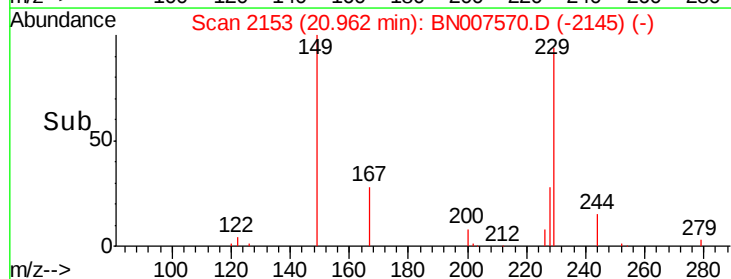
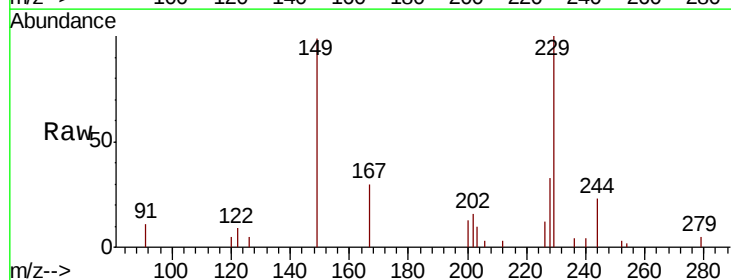
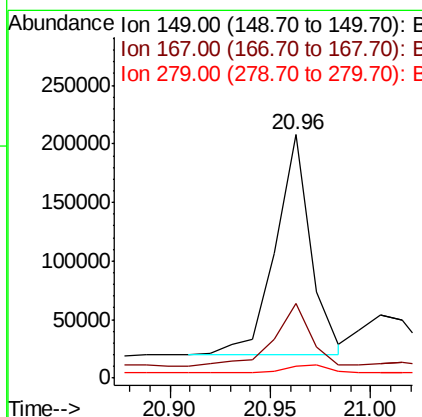
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 2.031 ng
 RT: 20.96 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BN007570.D
 Acq: 09 Sep 2019 03:01

Tgt Ion:149 Resp: 231186
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.8 34.2
 279 4.7 3.5 5.3





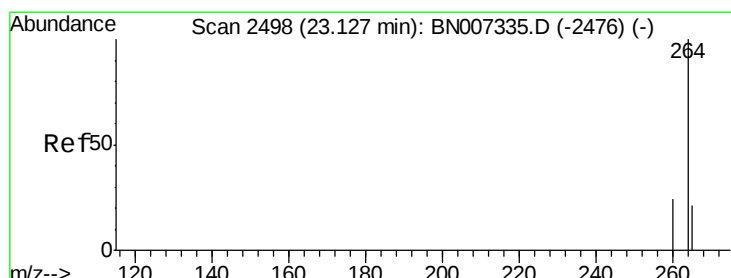
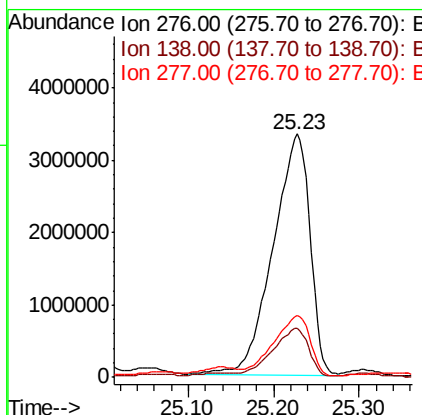
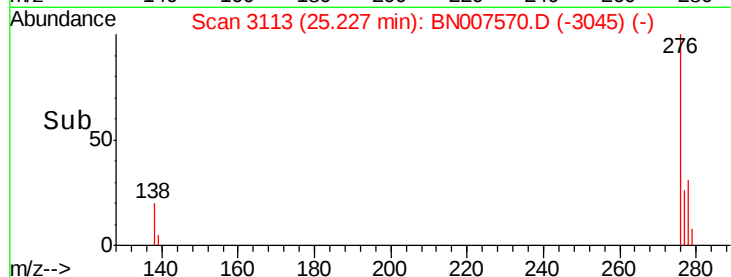
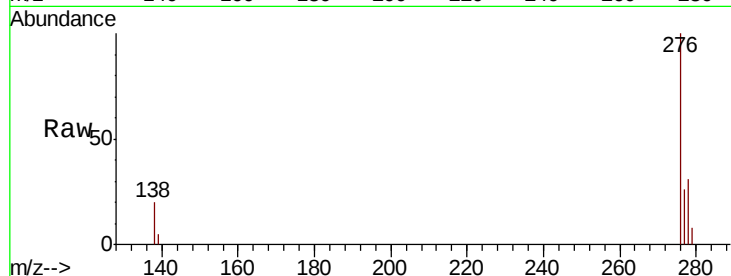
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 49.299 ng
 RT: 25.23 min Scan# 3113
 Delta R.T. 0.03 min
 Lab File: BN007570.D
 Acq: 09 Sep 2019 03:01

Instrument :
 BNA_N
 ClientSampleId :
 STOCK-PILEMSD

Tot Ion: 276 Resp: 9991970
 Ion Ratio Lower Upper
 276 100
 138 19.2 15.1 22.7
 277 24.6 19.7 29.5

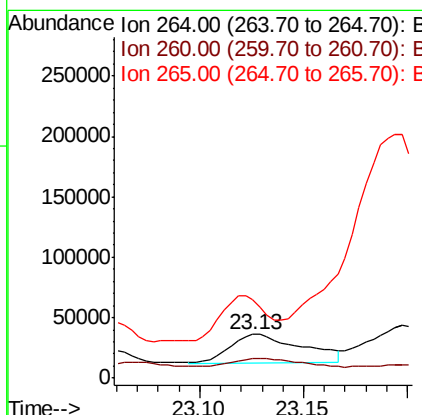
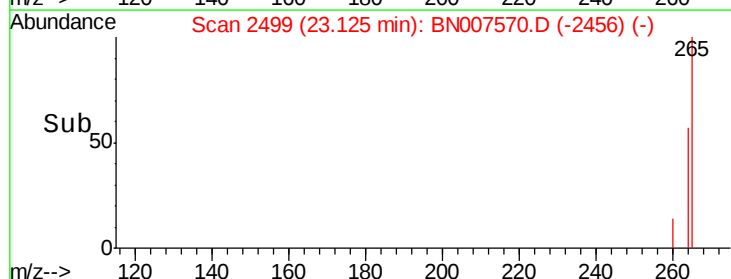
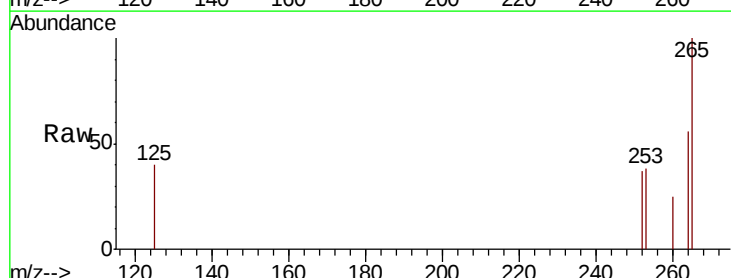
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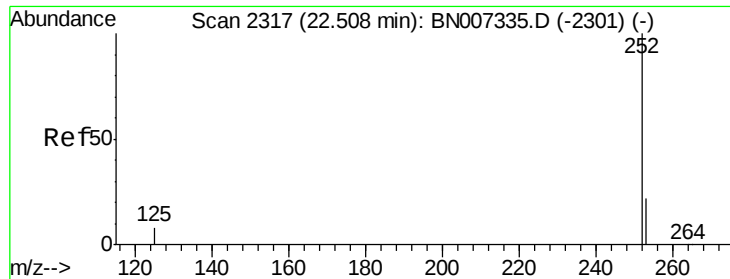
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BN007570.D
 Acq: 09 Sep 2019 03:01

Tgt Ion: 264 Resp: 58208
 Ion Ratio Lower Upper
 264 100
 260 44.6 19.7 29.5#
 265 180.1 29.9 44.9#





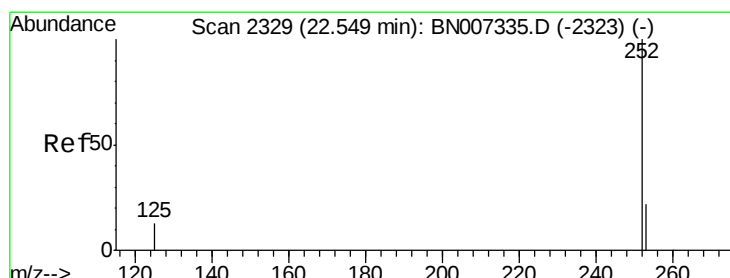
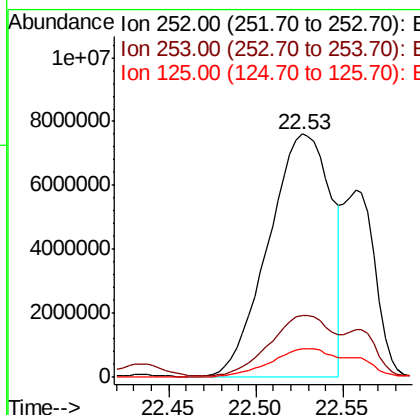
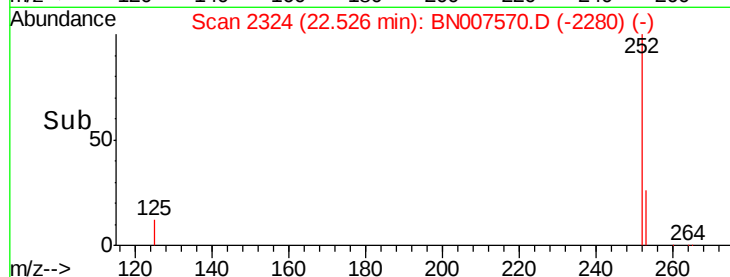
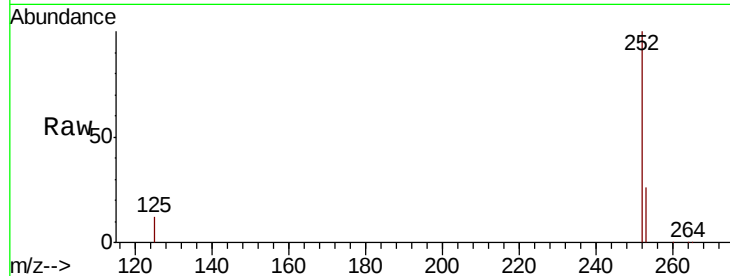
#35
Benzo(b)fluoranthene
Concen: 90.020 ng
RT: 22.53 min Scan# 2324
Delta R.T. 0.02 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Instrument :
BNA_N
ClientSampleId :
STOCK-PILEMSD

Tot Ion:252 Resp:18985379
Ion Ratio Lower Upper
252 100
253 25.6 19.2 28.8
125 11.9 10.6 16.0

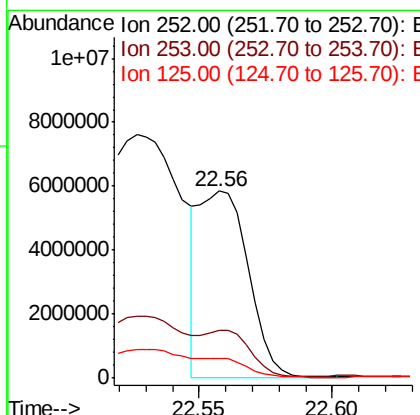
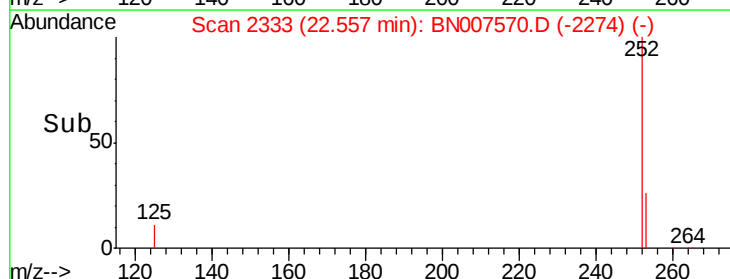
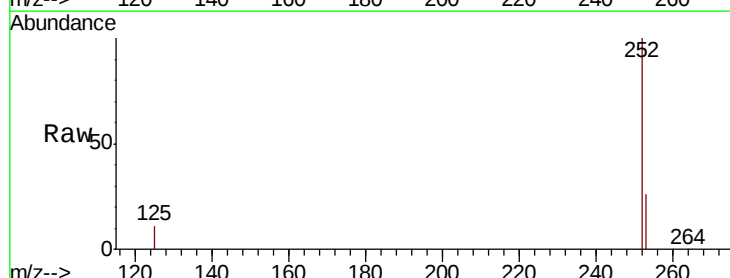
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#36
Benzo(k)fluoranthene
Concen: 35.848 ng m
RT: 22.56 min Scan# 2333
Delta R.T. 0.01 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Tgt Ion:252 Resp: 7472208
Ion Ratio Lower Upper
252 100
253 25.6 19.4 29.2
125 10.7 13.1 19.7#





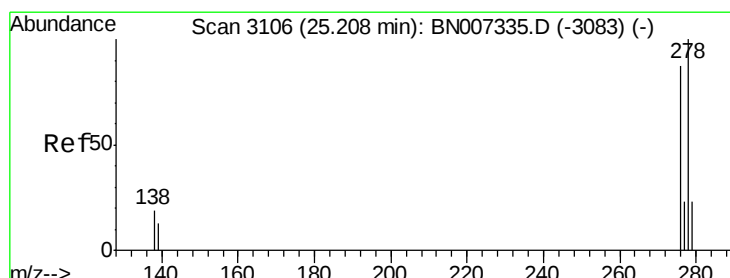
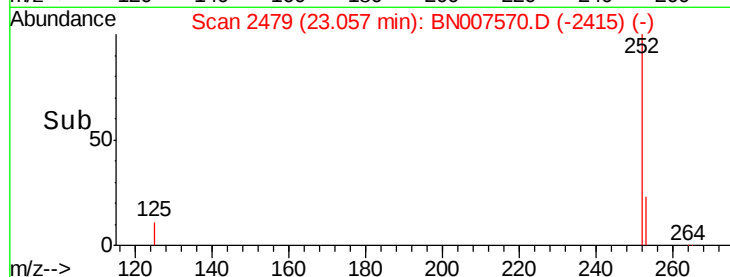
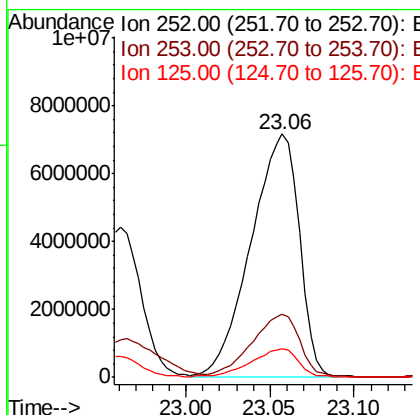
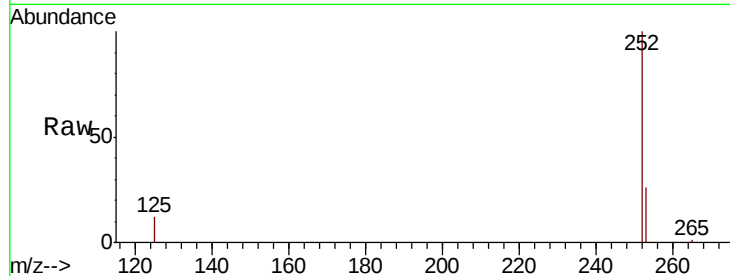
#37
Benzo(a)pyrene
Concen: 71.494 ng/ml
RT: 23.06 min Scan# 2479
Delta R.T. 0.02 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Instrument :
BNA_N
ClientSampleId :
STOCK-PILEMSD

Tot Ion:252 Resp:14348408
Ion Ratio Lower Upper
252 100
253 26.0 19.5 29.3
125 11.7 12.1 18.1#

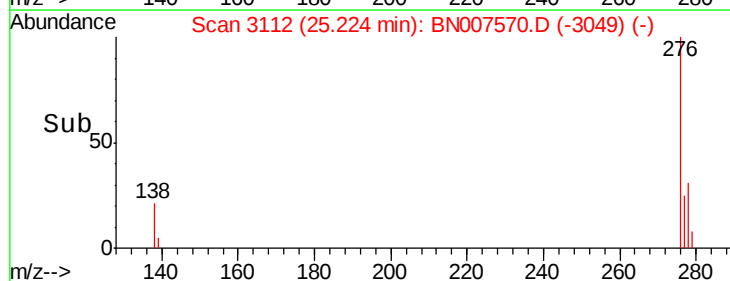
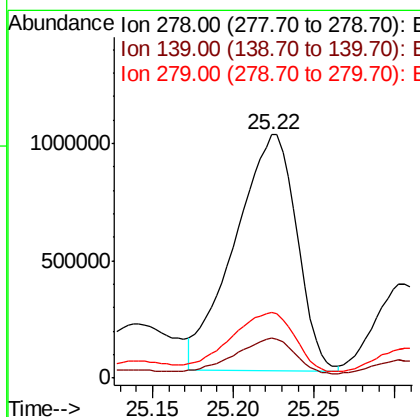
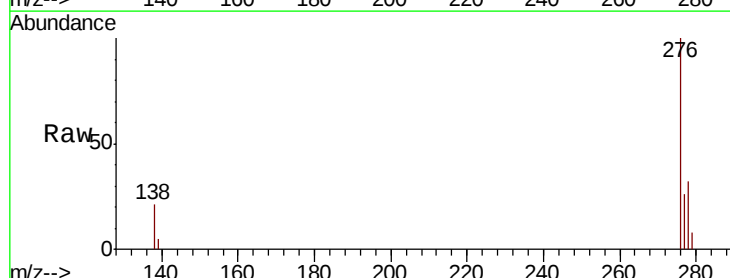
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#38
Dibenzo(a,h)anthracene
Concen: 13.413 ng
RT: 25.22 min Scan# 3112
Delta R.T. 0.02 min
Lab File: BN007570.D
Acq: 09 Sep 2019 03:01

Tgt Ion:278 Resp: 2685957
Ion Ratio Lower Upper
278 100
139 16.3 13.7 20.5
279 26.8 20.2 30.4





#39

Benzo(a,h,i)perylene

Concen: 43.074 ng

RT: 25.86 min Scan# 3298

Delta R.T. 0.04 min

Lab File: BN007570.D

Acq: 09 Sep 2019 03:01

Instrument :

BNA_N

ClientSampleId :

STOCK-PILEMSD

Tot Ion: 276 Resp: 8594255

Ion Ratio Lower Upper

276 100

277 25.4 19.6 29.4

138 20.2 16.3 24.5

Manual Integrations

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