

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113607.D
 Acq On : 5 Apr 2019 2:48
 Operator : JU/SJ
 Sample : K2186-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Manual Integrations
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Sohil
 4/6/2019 12:39:12 AM

Quant Time: Apr 05 07:17:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	124645	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	436483	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	180217	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	334726	20.00	ng	0.00
76) Chrysene-d12	13.83	240	203639	20.00	ng	-0.02
87) Perylene-d12	15.24	264	166717	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	726194	99.35	ng	0.00
7) Phenol-d6	6.34	99	932047	103.46	ng	0.00
23) Nitrobenzene-d5	7.25	82	458835	61.57	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	196993	91.00	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	896105	80.05	ng	-0.01
79) Terphenyl-d14	12.78	244	793156	79.30	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	21054	2.046	ng	Qvalue 87
50) Dimethylphthalate	9.43	163	65477	4.929	ng	99
71) Phenanthrene	11.22	178	204009	12.265	ng	98
72) Anthracene	11.27	178	70122	4.144	ng	98
75) Fluoranthene	12.41	202	333254	18.698	ng	97
78) Pyrene	12.63	202	330175	21.309	ng	99
81) Benzo(a)anthracene	13.82	228	129994	11.066	ng	95
83) Chrysene	13.86	228	121332	10.189	ng	97
84) Bis(2-ethylhexyl)phthalate	13.81	149	164969	21.633	ng	# 97
86) Indeno(1,2,3-cd)pyrene	16.61	276	50264m	4.572	ng	
88) Benzo(b)fluoranthene	14.84	252	130375m	12.775	ng	
89) Benzo(k)fluoranthene	14.87	252	33242m	3.629	ng	
90) Benzo(a)pyrene	15.19	252	95561	10.538	ng	# 86
92) Benzo(g,h,i)perylene	17.02	276	48973	5.658	ng	# 82

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

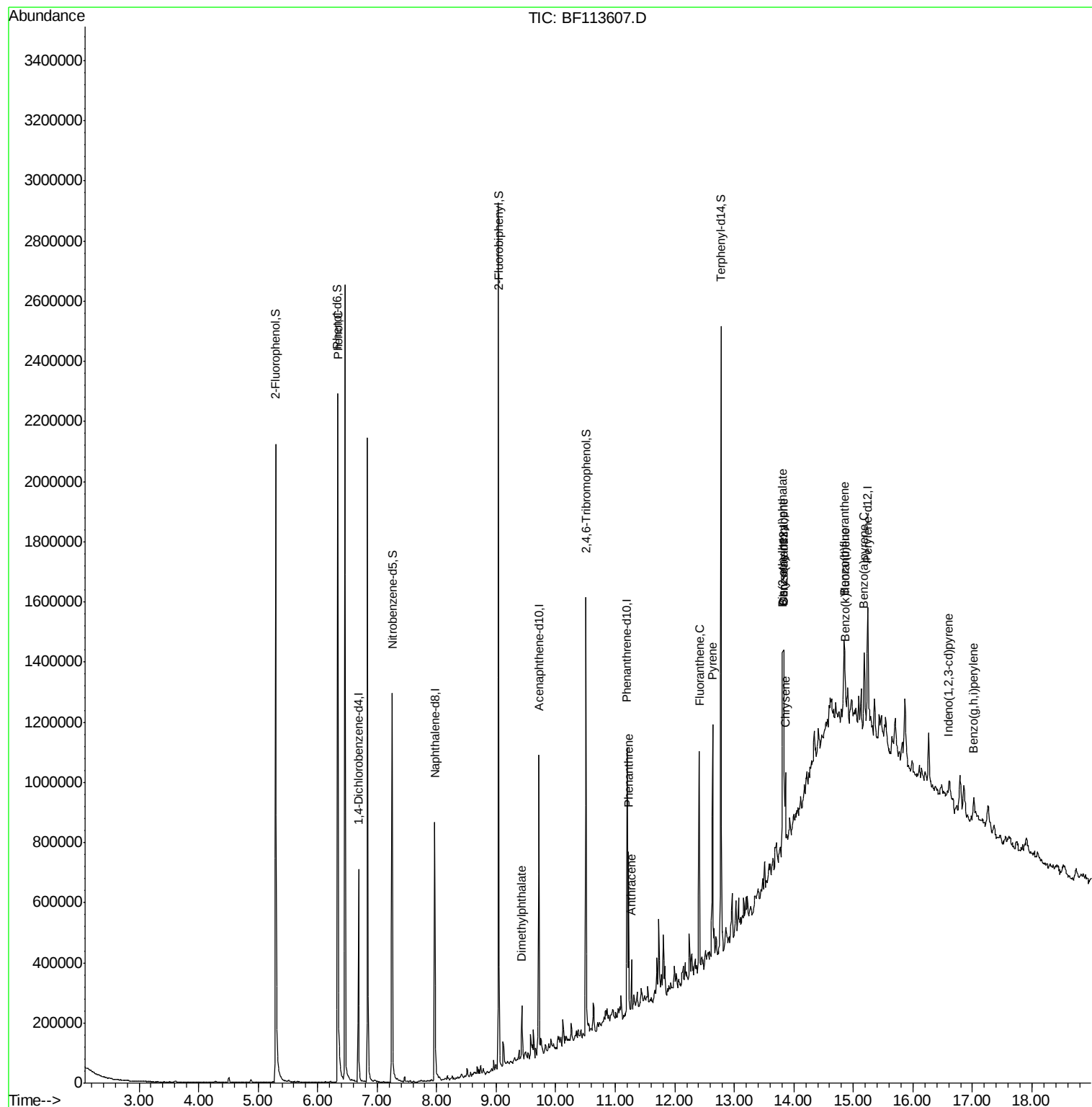
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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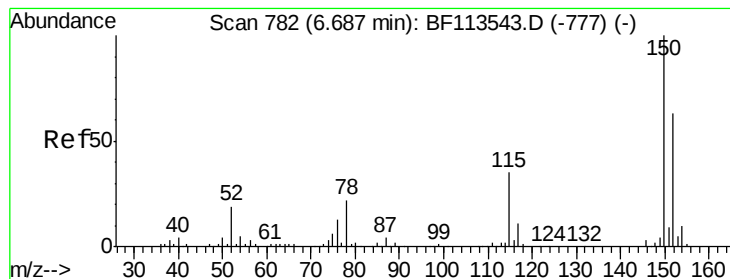
Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

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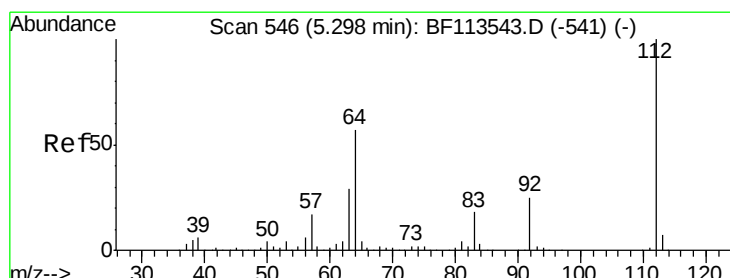
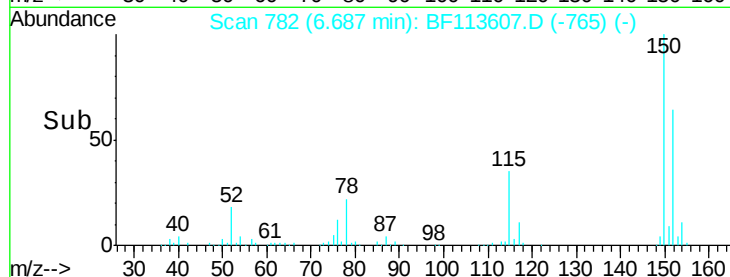
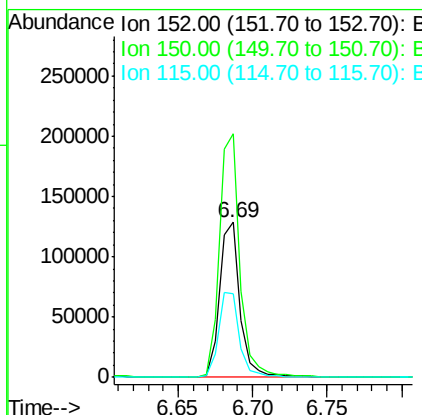
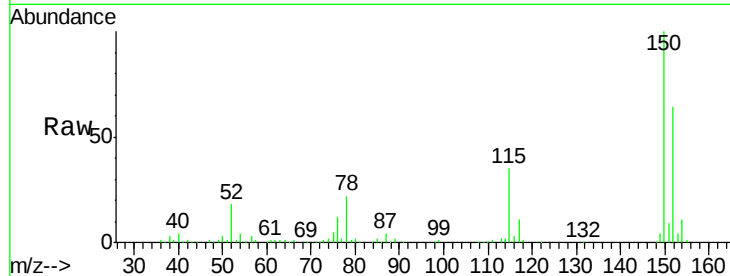
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF113607.D
 Acq: 5 Apr 2019 2:48

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.7	187.1
115	54.3	46.0	69.0

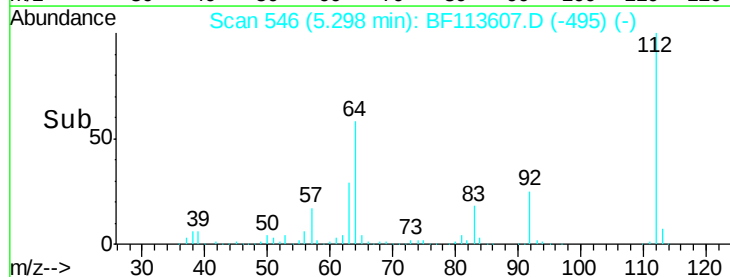
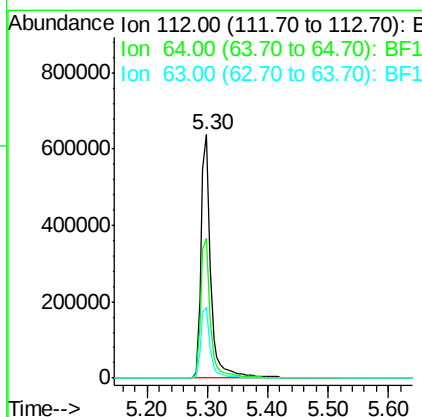
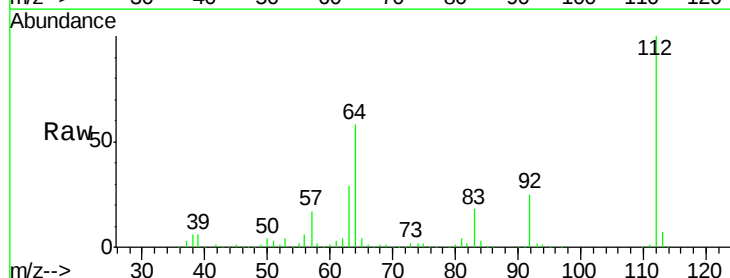
Manual Integrations
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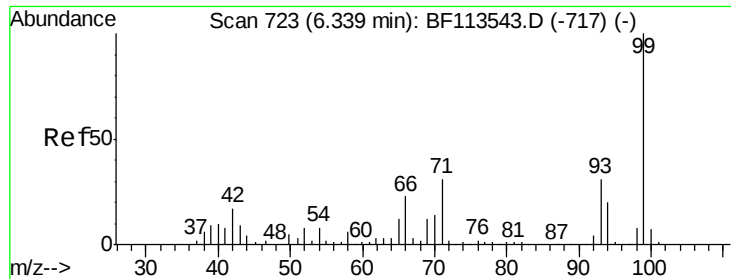
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#5
 2-Fluorophenol
 Concen: 99.348 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF113607.D
 Acq: 5 Apr 2019 2:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	49.2	73.8
63	28.9	24.9	37.3





#7

Phenol-d6

Concen: 103.456 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113607.D

Acq: 5 Apr 2019 2:48

Instrument :

BNA_F

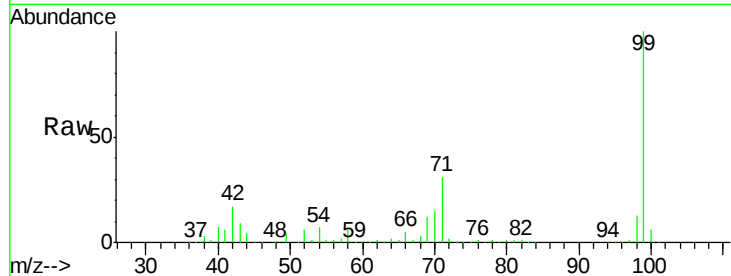
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

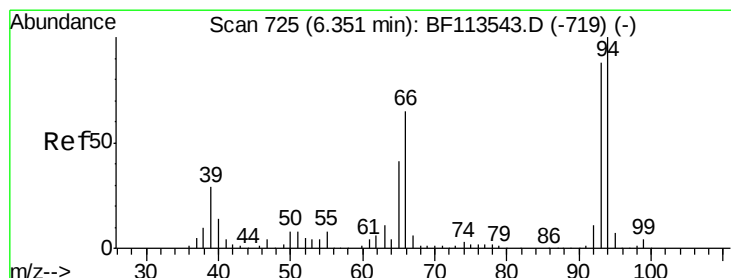
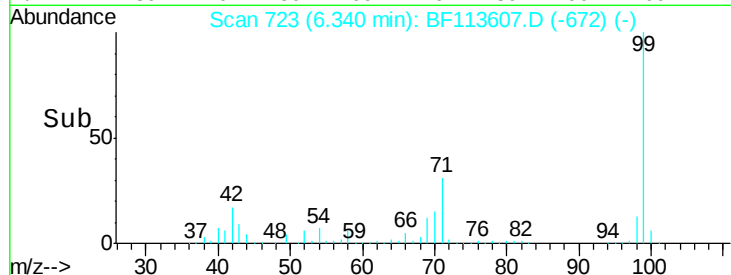
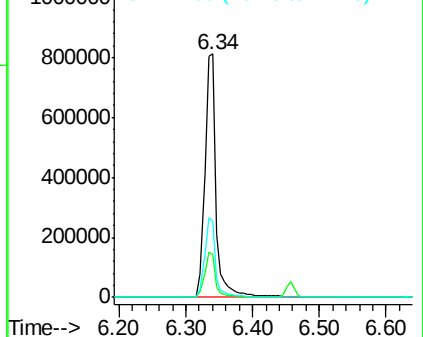
Tgt Ion:	99	Resp:	932047
Ion Ratio	Lower	Upper	
99	100		
42	17.4	14.8	22.2
71	31.0	24.9	37.3

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.046 ng

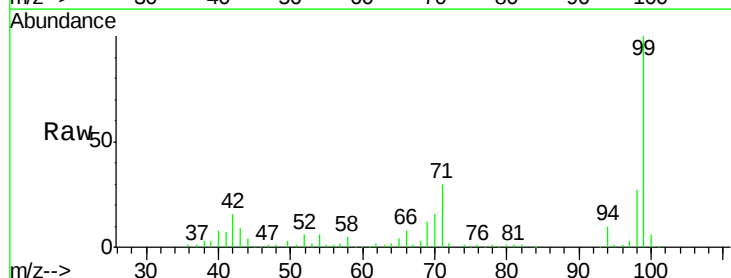
RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

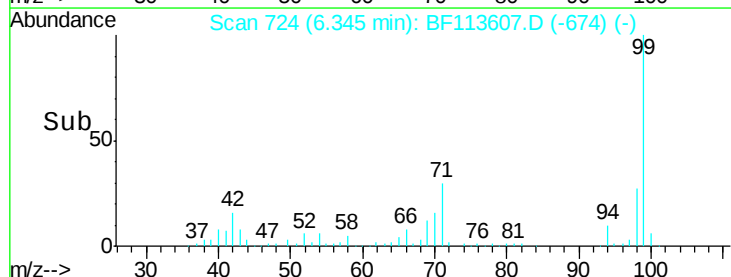
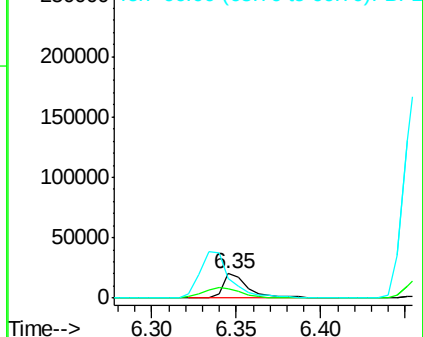
Lab File: BF113607.D

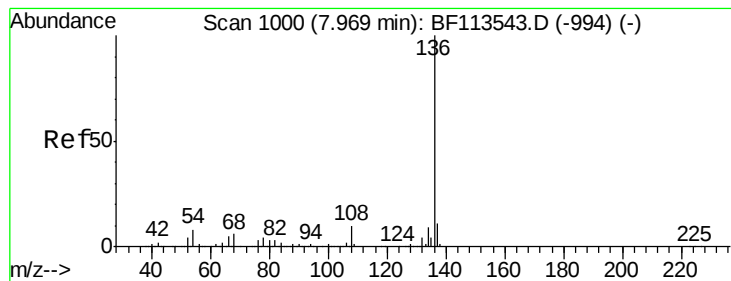
Acq: 5 Apr 2019 2:48

Tgt Ion:	94	Resp:	21054
Ion Ratio	Lower	Upper	
94	100		
65	36.9	21.4	61.4
66	79.2	46.4	86.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





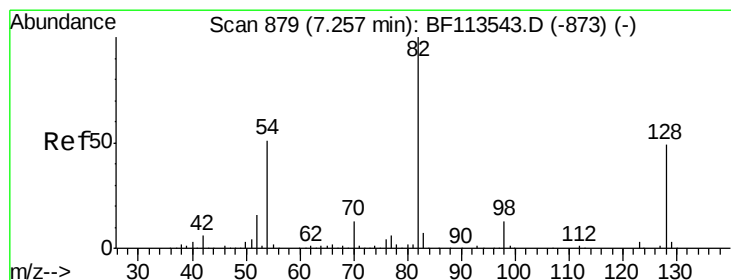
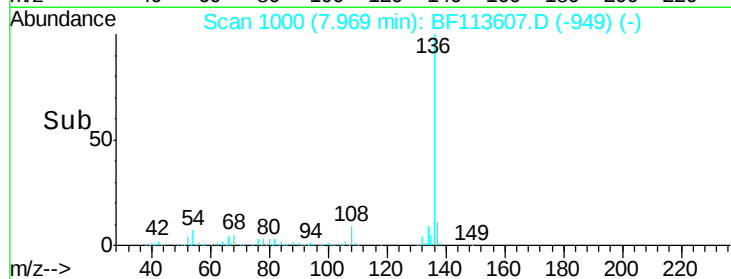
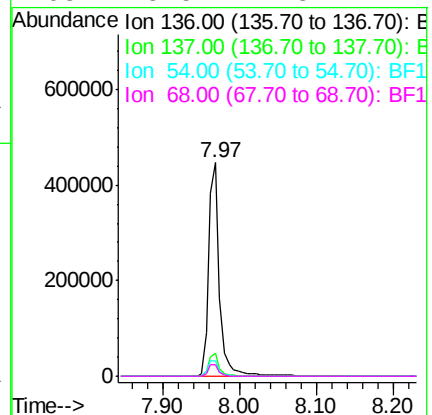
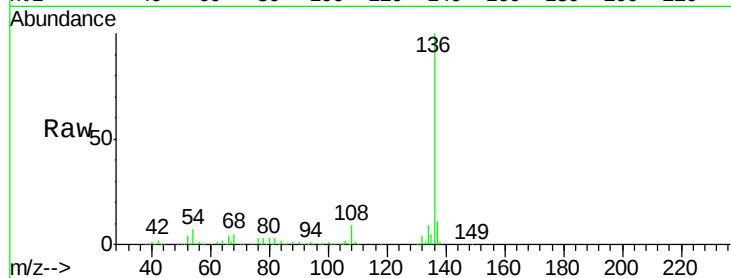
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	436483		
137	10.6	8.9	13.3	
54	7.1	7.0	10.6	
68	5.5	4.8	7.2	

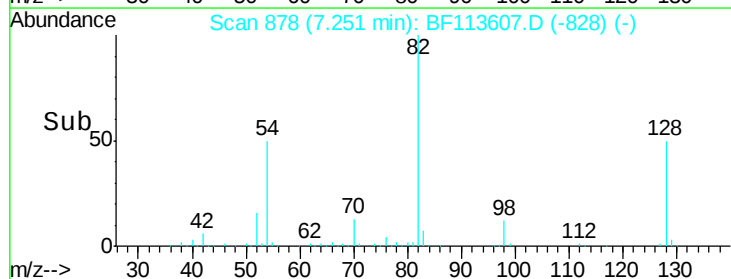
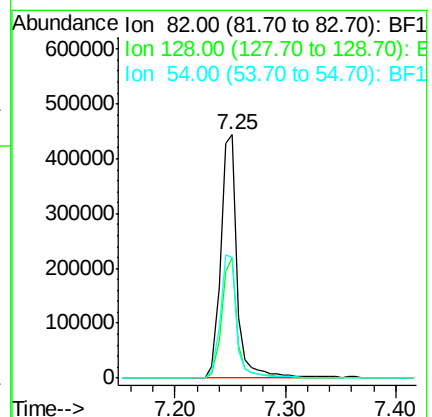
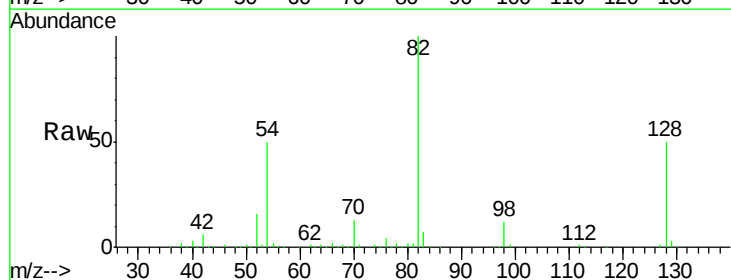
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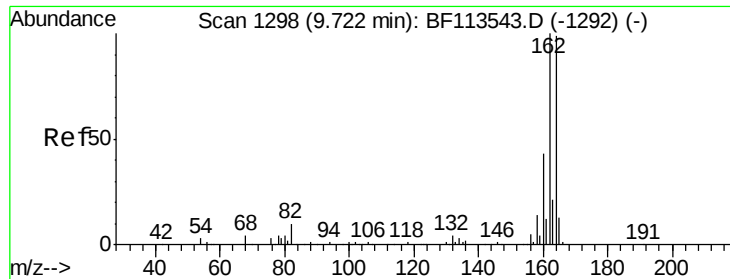
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#23
Nitrobenzene-d5
Concen: 61.575 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	458835		
128	49.7	36.5	54.7	
54	49.6	42.2	63.2	





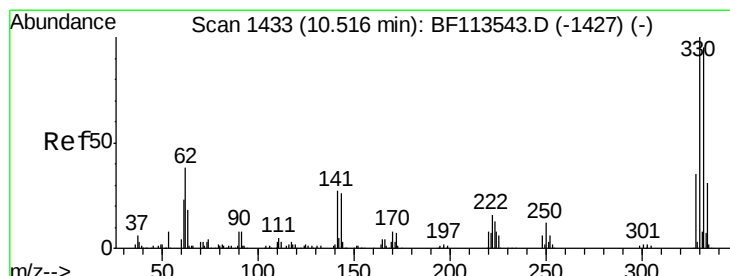
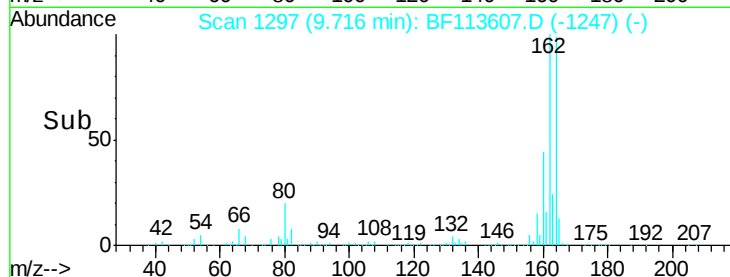
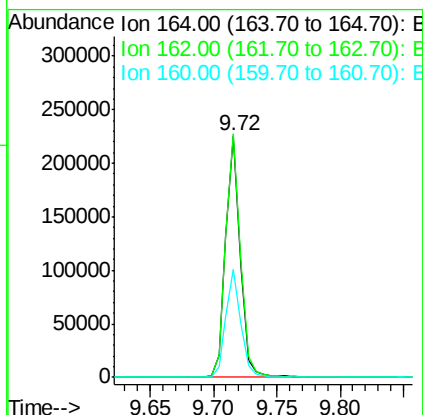
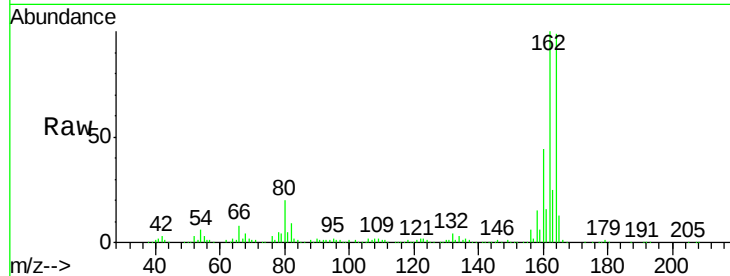
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	180217		
162	100.8	81.8	122.6	
160	44.7	36.4	54.6	

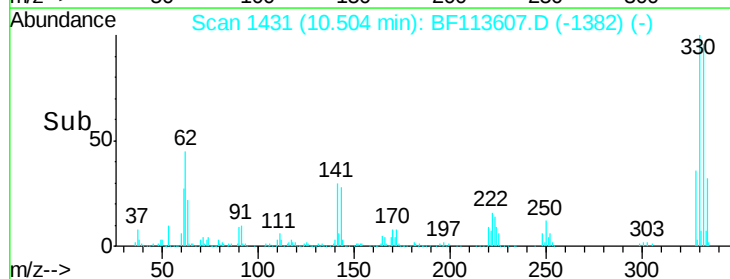
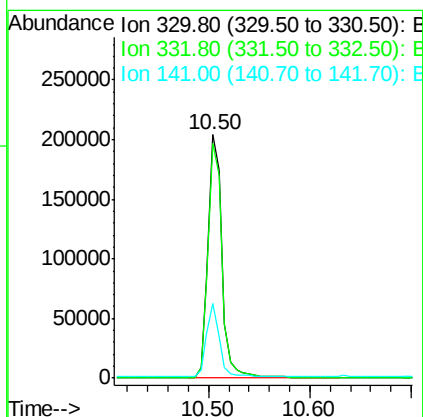
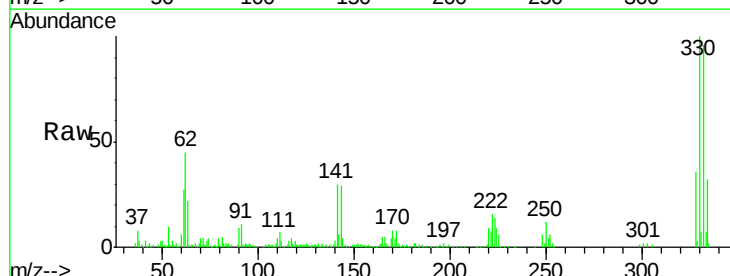
Manual Integrations
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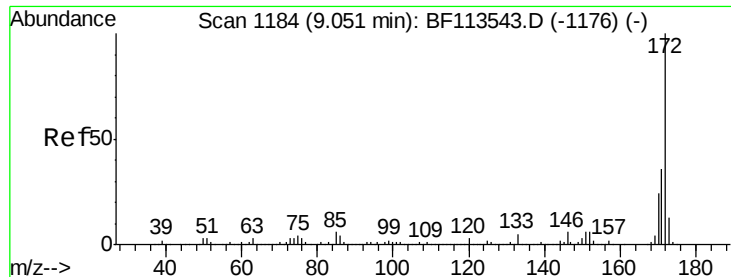
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#42
2,4,6-Tribromophenol
Concen: 90.996 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	196993		
332	97.7	77.8	116.6	
141	27.8	22.7	34.1	





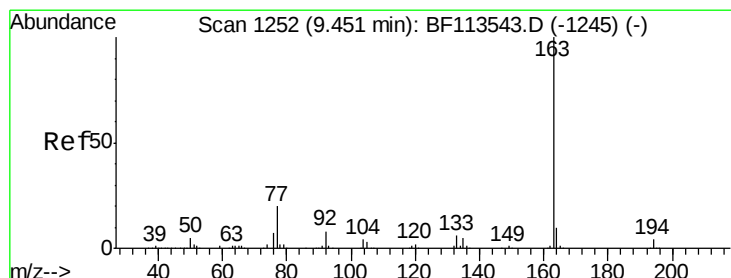
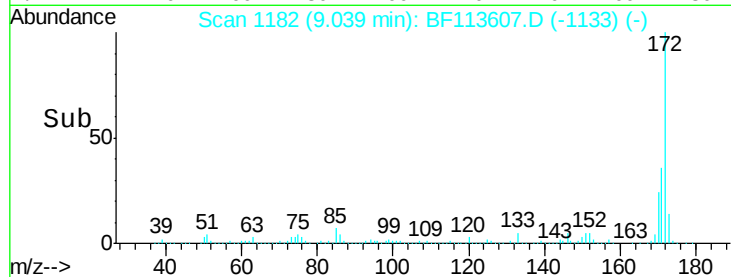
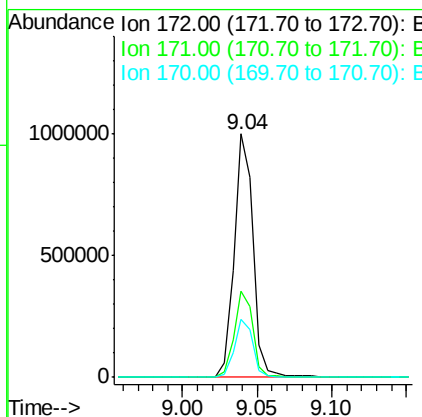
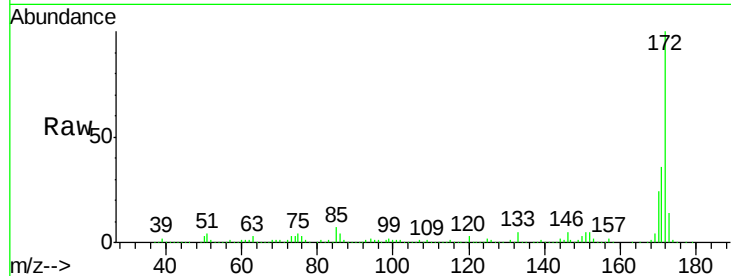
#45
2-Fluorobiphenyl
Concen: 80.050 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.6	29.0	43.6
170	24.0	19.5	29.3

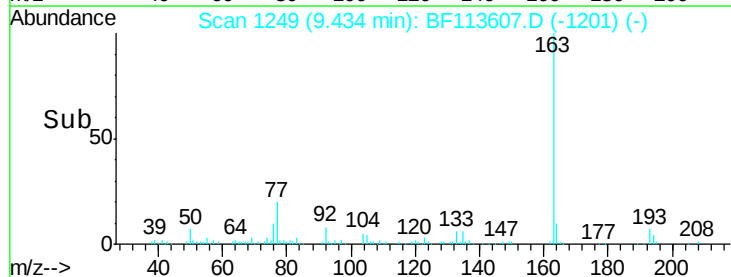
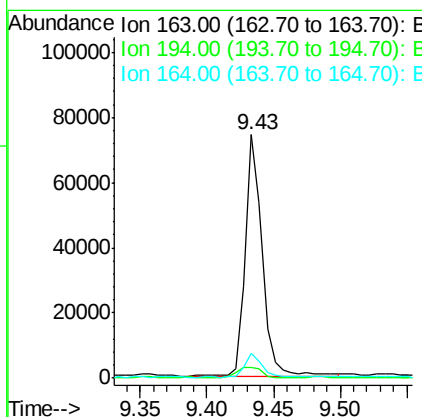
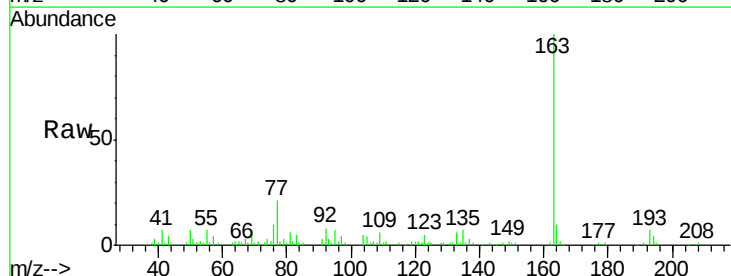
Manual Integrations
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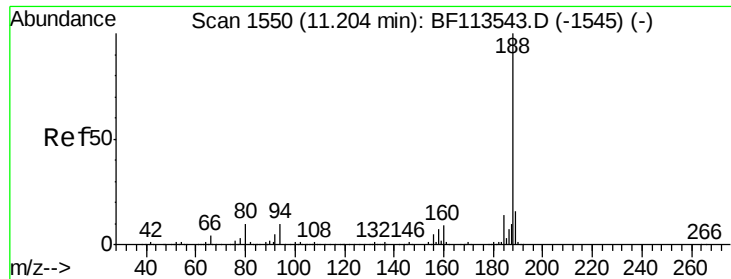
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#50
Dimethylphthalate
Concen: 4.929 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.2	3.0	4.6
164	10.4	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF113607.D

Acq: 5 Apr 2019 2:48

Instrument :

BNA_F

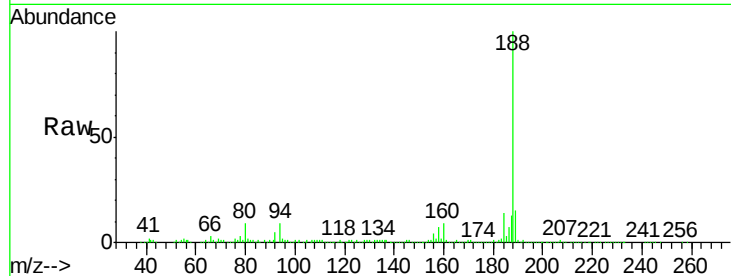
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

Tgt Ion:	188	Resp:	334726
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.0	10.6
80	8.7	7.7	11.5

Manual Integrations
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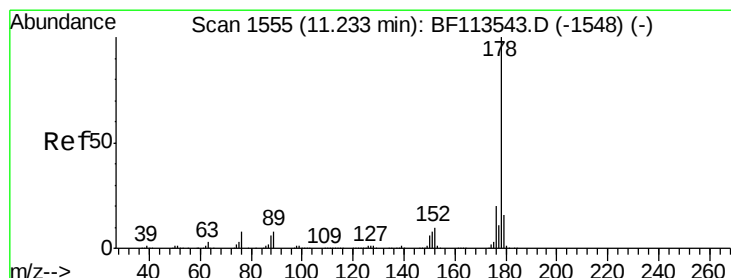
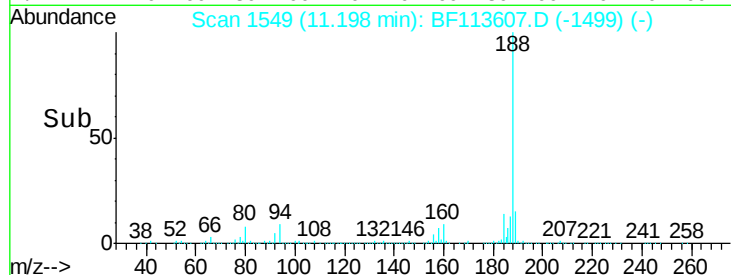
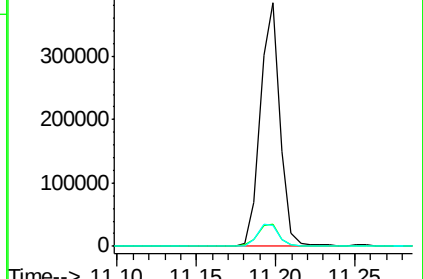
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 12.265 ng

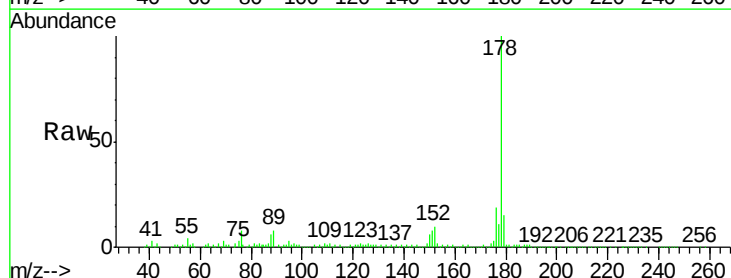
RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF113607.D

Acq: 5 Apr 2019 2:48

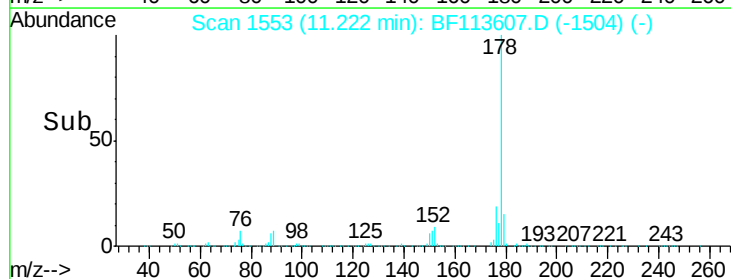
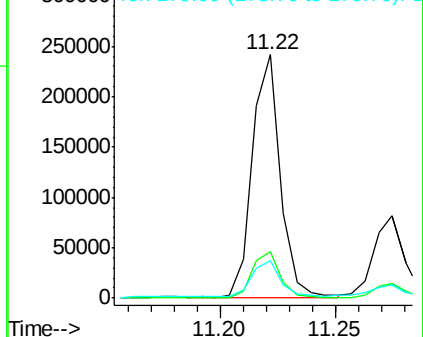
Tgt Ion:	178	Resp:	204009
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.2	24.2
179	15.5	12.7	19.1

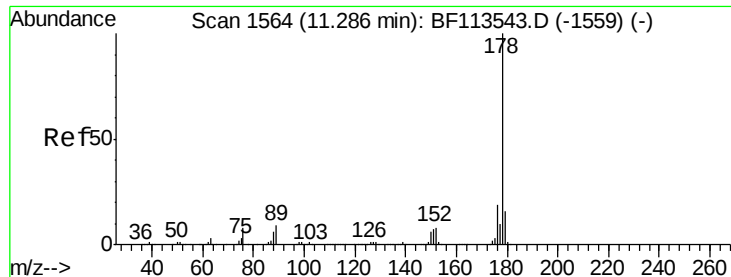


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





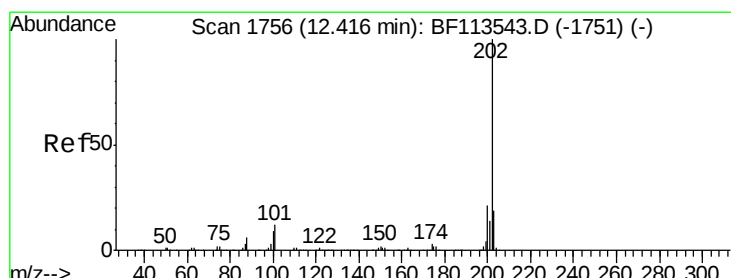
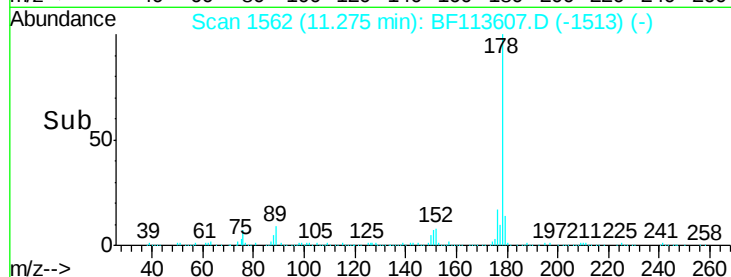
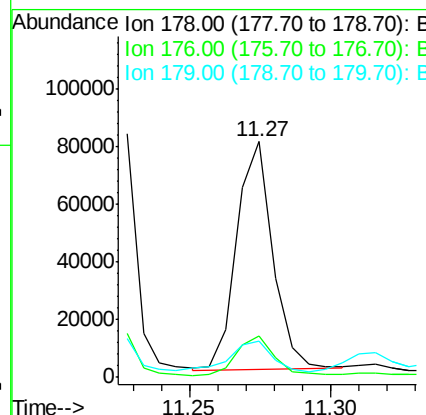
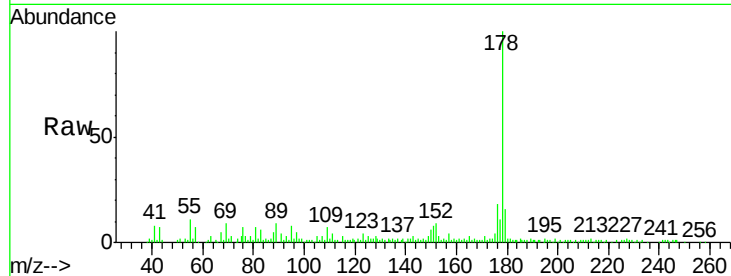
#72
 Anthracene
 Concen: 4.144 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF113607.D
 Acq: 5 Apr 2019 2:48

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.5	12.8	19.2

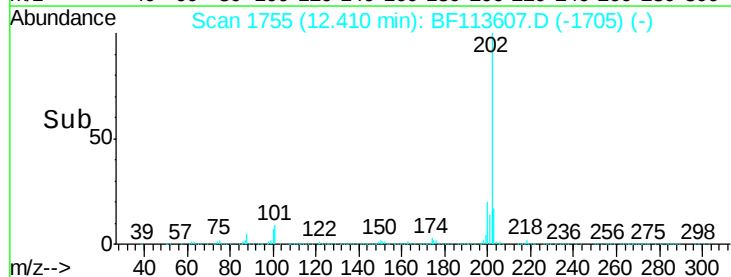
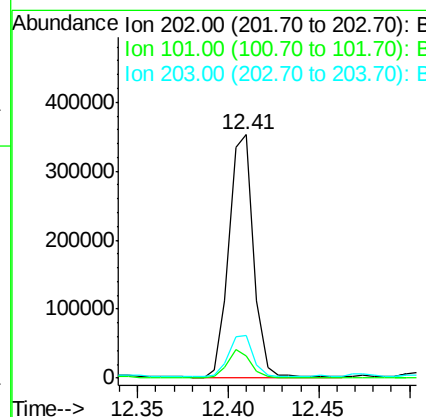
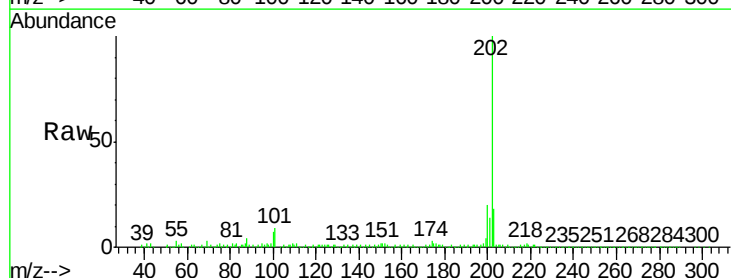
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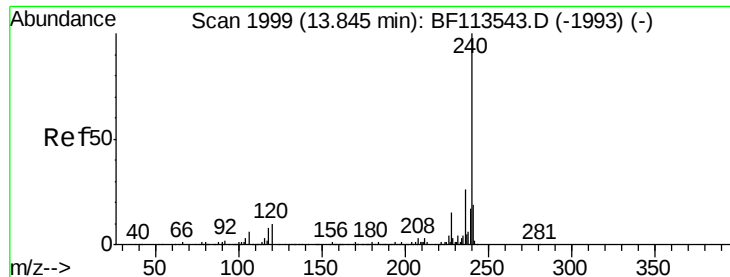
Sohil
 4/6/2019 12:39:12 AM



#75
 Fluoranthene
 Concen: 18.698 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF113607.D
 Acq: 5 Apr 2019 2:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	31.4
203	17.7	0.0	38.0





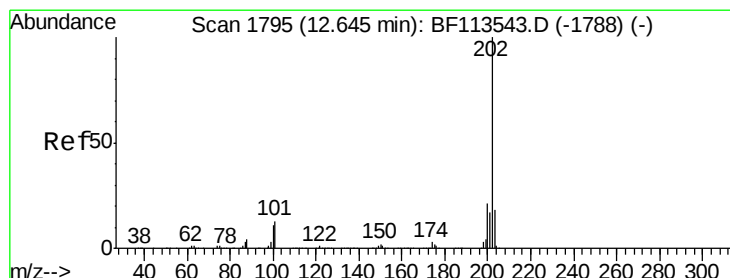
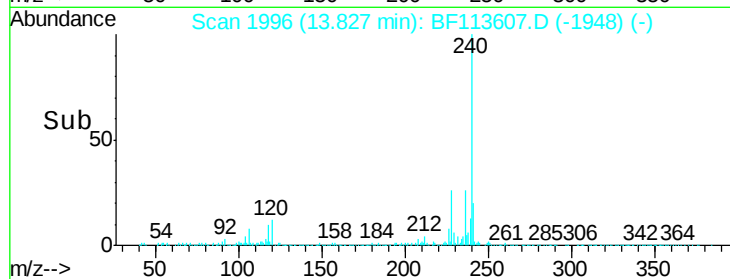
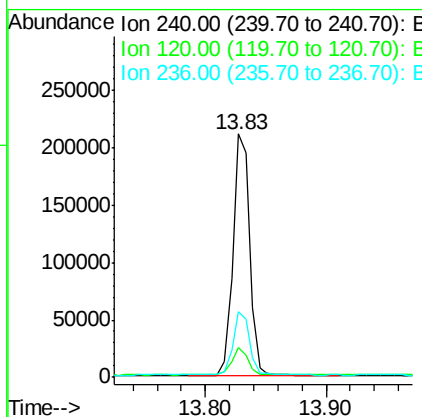
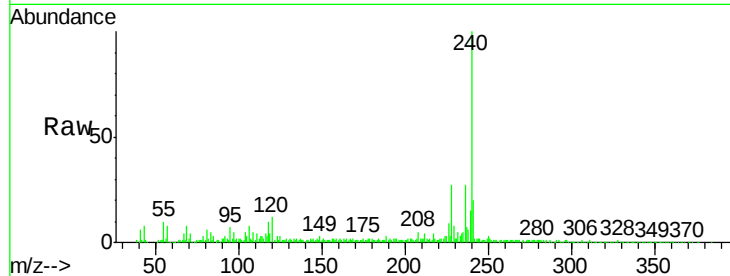
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.4	8.8	13.2
236	26.9	20.9	31.3

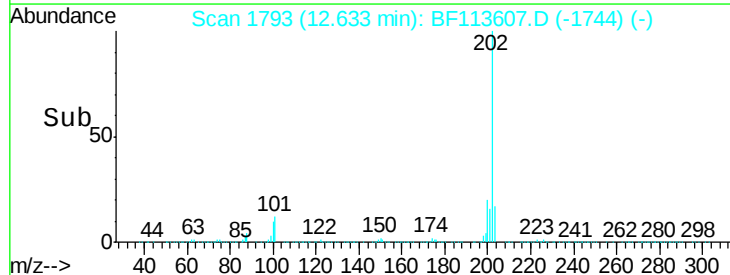
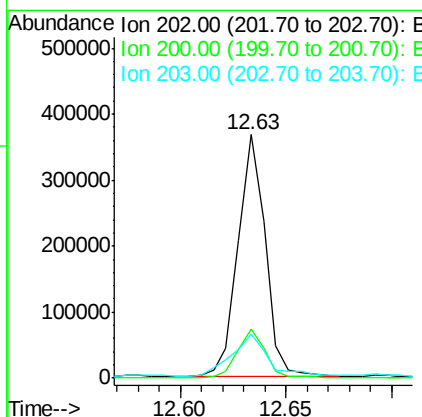
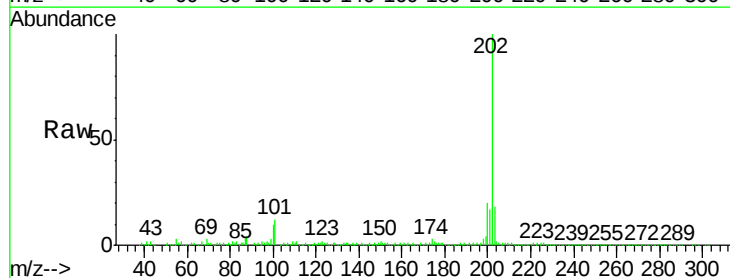
Manual Integrations
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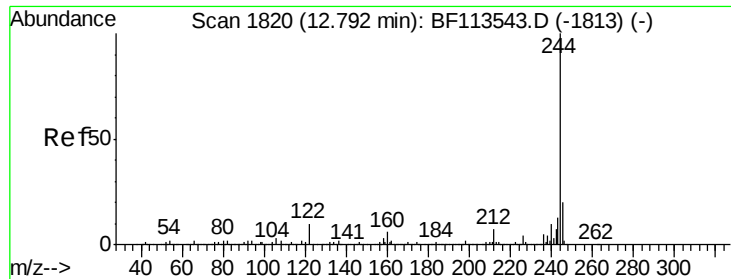
Sohil
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#78
Pyrene
Concen: 21.309 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.3	16.8	25.2
203	18.2	14.4	21.6





#79

Terphenyl-d14

Concen: 79.301 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF113607.D

Acq: 5 Apr 2019 2:48

Instrument :

BNA_F

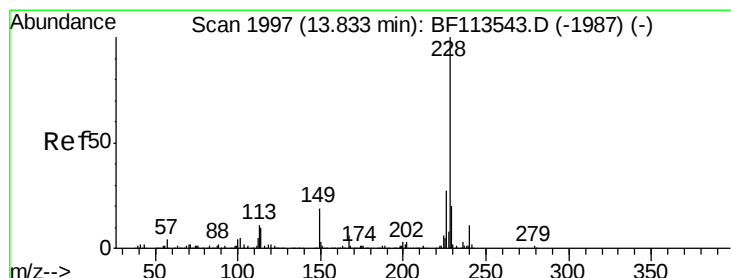
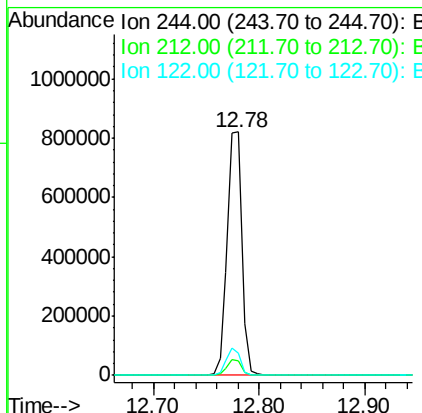
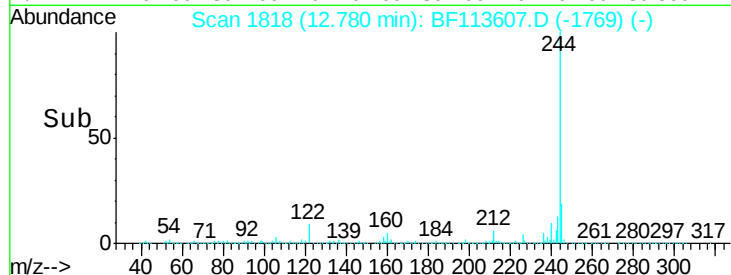
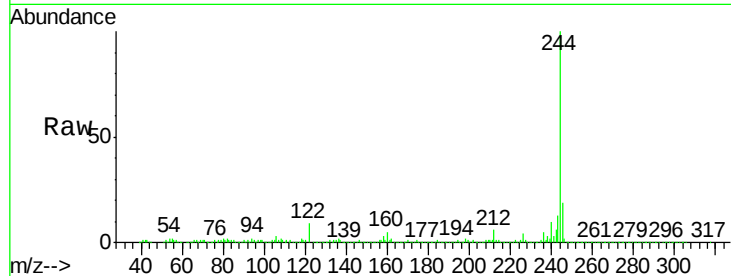
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

Tgt	Ion	244	Resp	793156
Ion	Ratio	100	Lower	Upper
244	100			
212	6.1	5.5	8.3	
122	9.0	8.6	13.0	

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#81

Benzo(a)anthracene

Concen: 11.066 ng

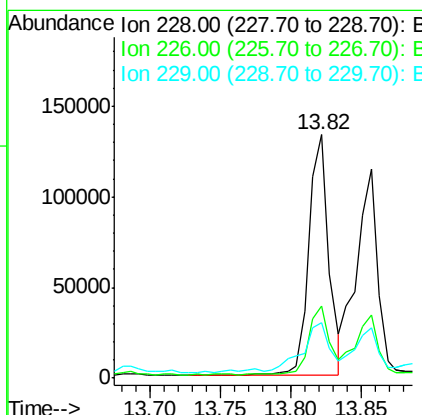
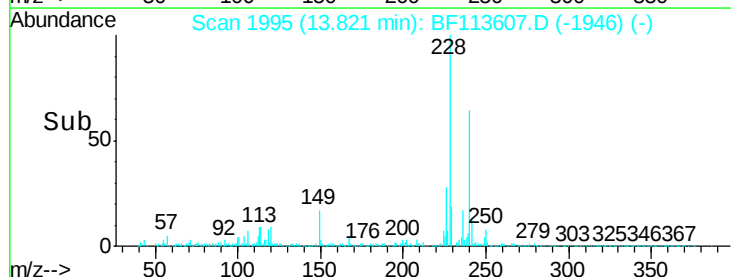
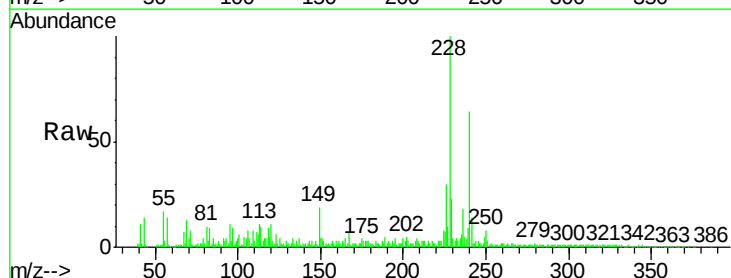
RT: 13.82 min Scan# 1995

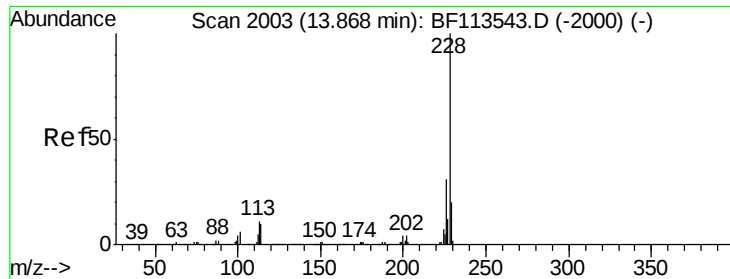
Delta R.T. -0.01 min

Lab File: BF113607.D

Acq: 5 Apr 2019 2:48

Tgt	Ion	228	Resp	129994
Ion	Ratio	100	Lower	Upper
228	100			
226	29.7	21.8	32.8	
229	22.6	16.2	24.4	





#83

Chrysene

Concen: 10.189 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF113607.D

Acq: 5 Apr 2019 2:48

Instrument :

BNA_F

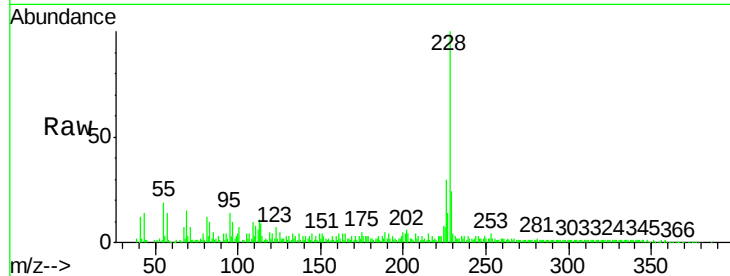
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

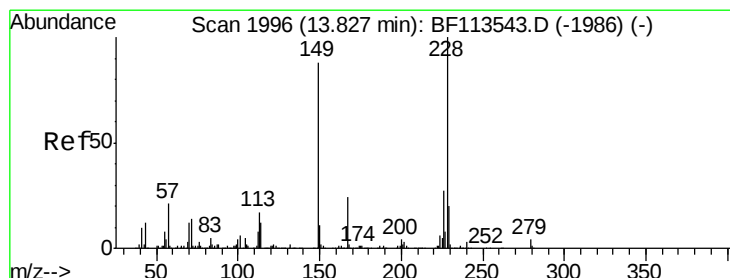
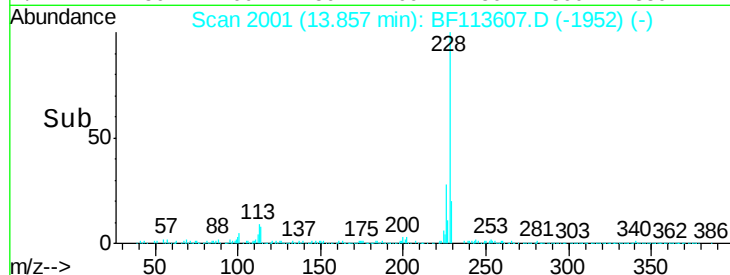
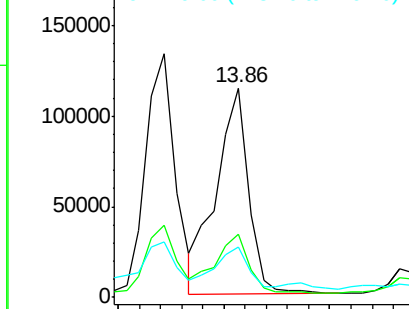
Tgt Ion:	228	Resp:	121332
Ion Ratio		Lower	Upper
228	100		
226	30.2	24.3	36.5
229	23.8	16.3	24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.633 ng

RT: 13.81 min Scan# 1993

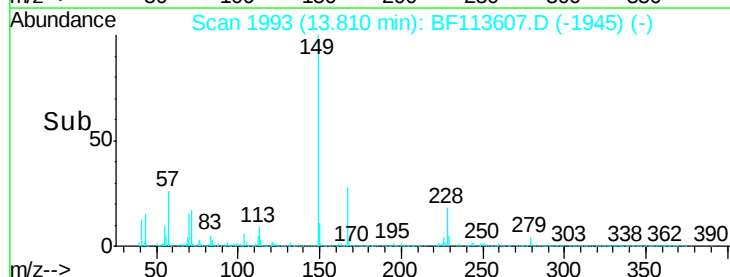
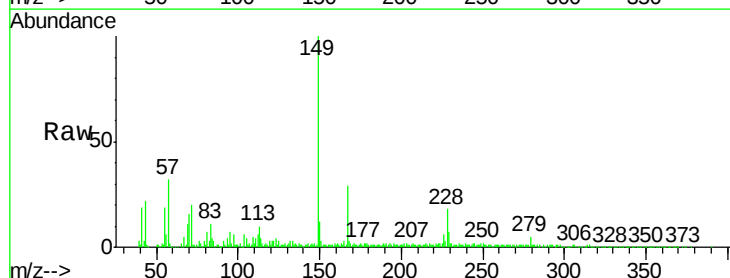
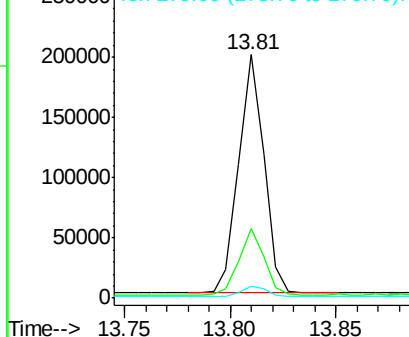
Delta R.T. -0.02 min

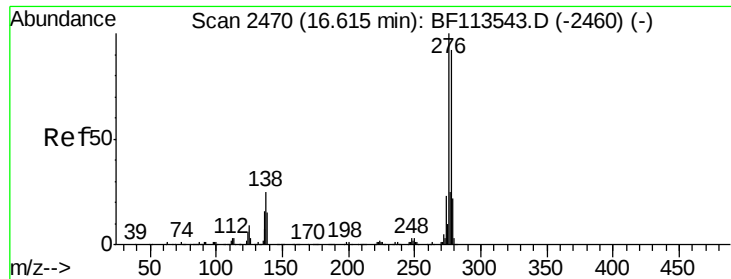
Lab File: BF113607.D

Acq: 5 Apr 2019 2:48

Tgt Ion:	149	Resp:	164969
Ion Ratio		Lower	Upper
149	100		
167	28.6	21.8	32.8
279	4.7	2.9	4.3#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





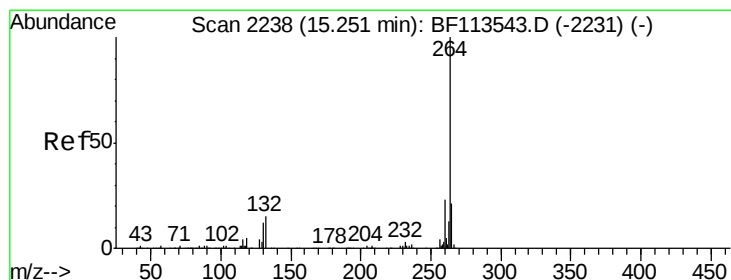
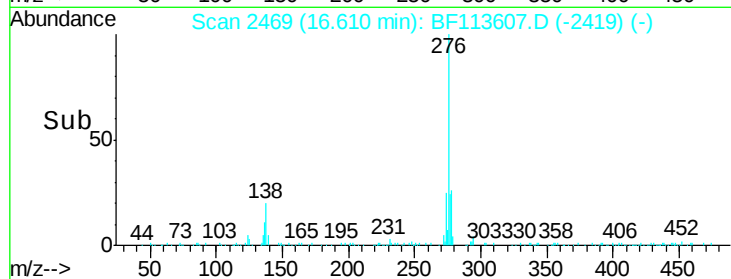
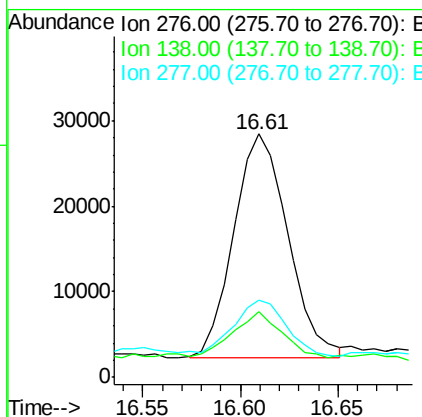
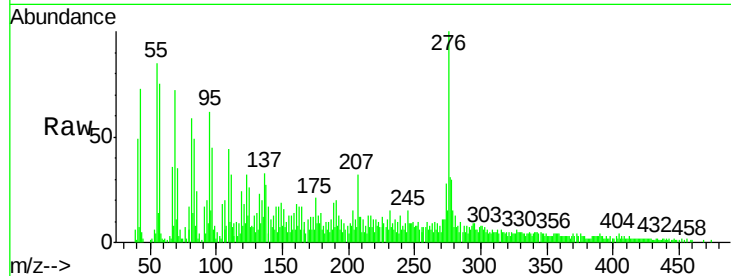
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.572 ng m
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.7	18.1	27.1#
277	1.6	20.2	30.4#

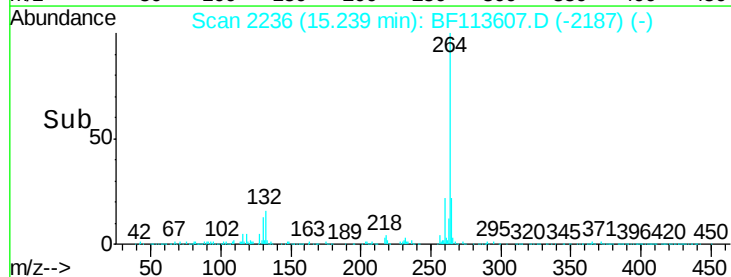
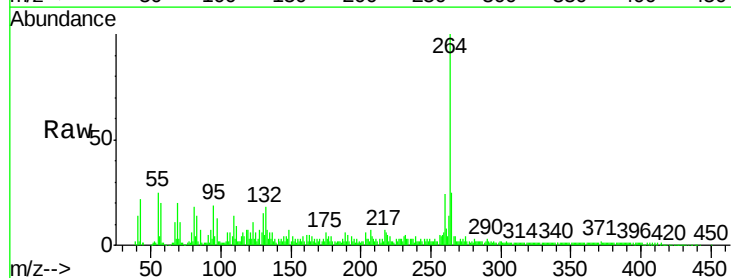
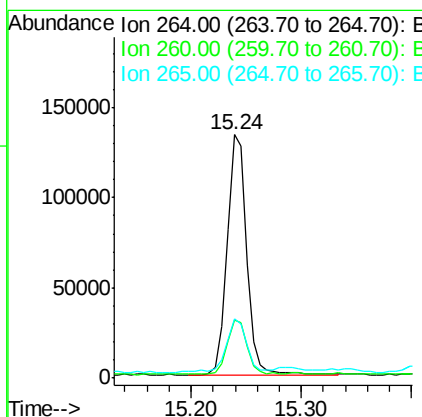
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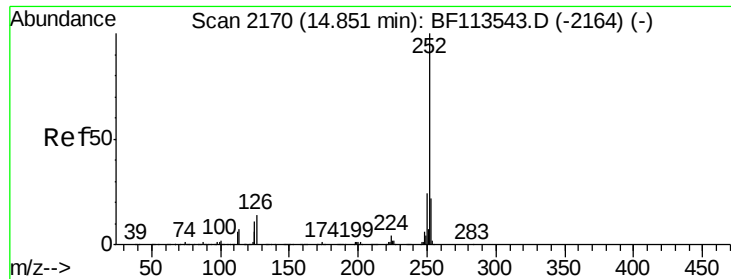
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	24.5	17.1	25.7





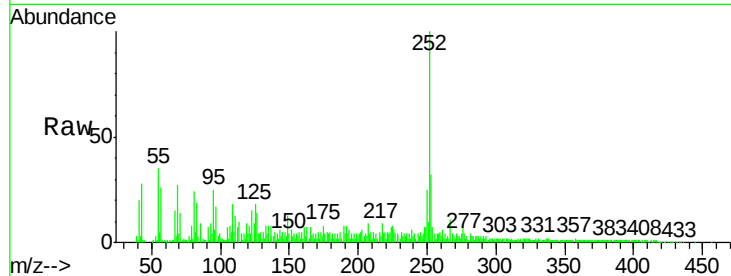
#88
Benzo(b)fluoranthene
Concen: 12.775 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

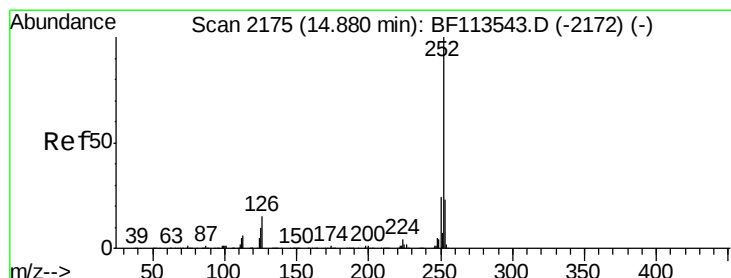
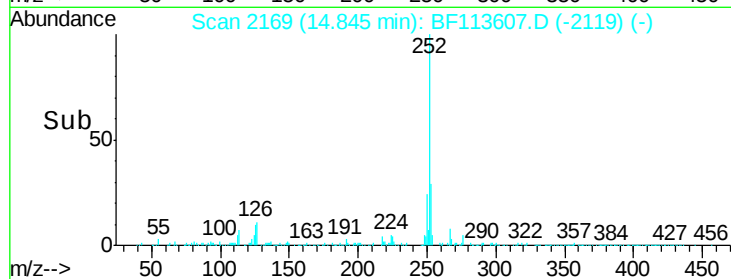
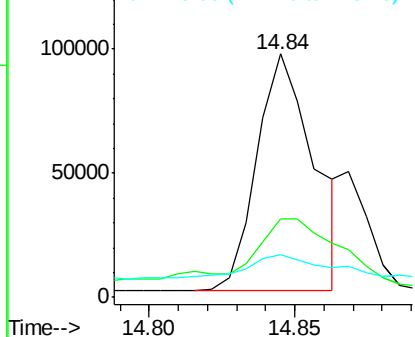
Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	32.2	18.0	27.0#
125	17.7	7.6	11.4#

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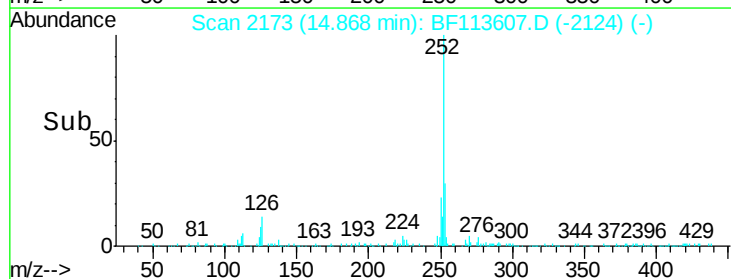
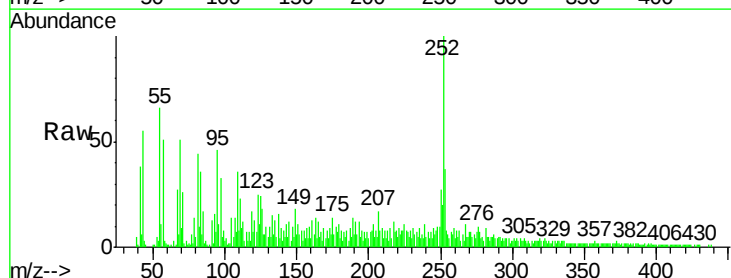
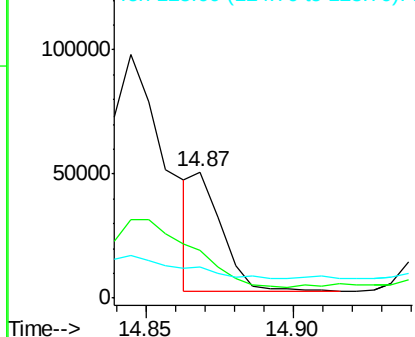
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

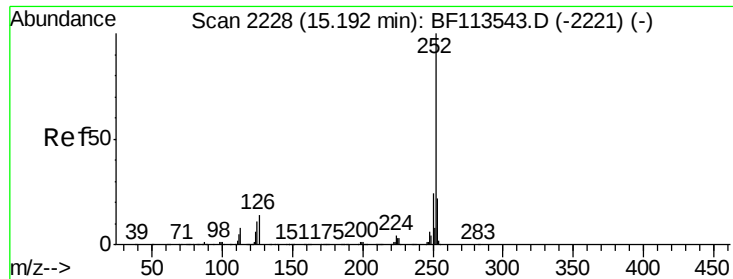


#89
Benzo(k)fluoranthene
Concen: 3.629 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	37.5	17.7	26.5#
125	24.4	7.3	10.9#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





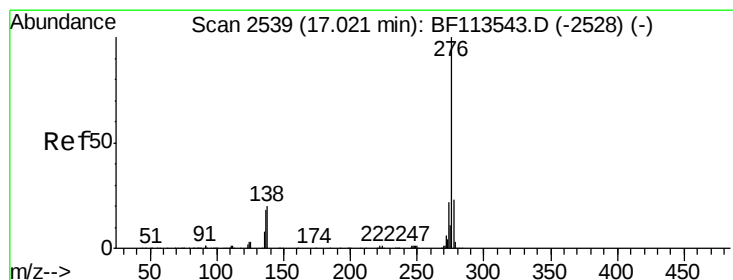
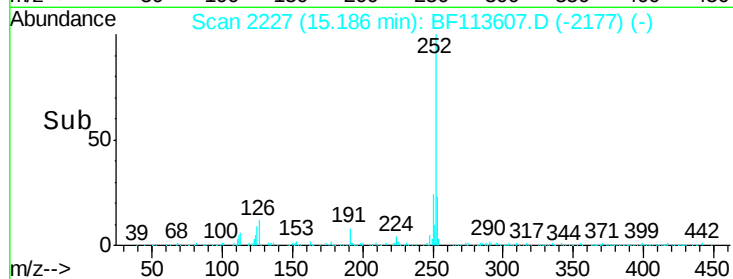
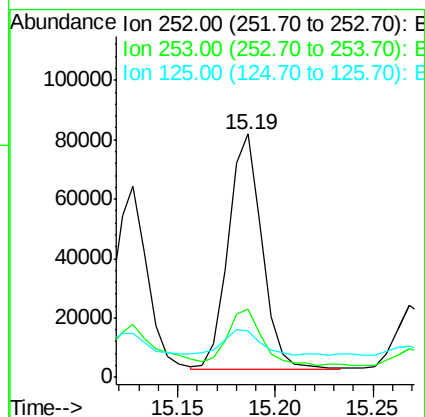
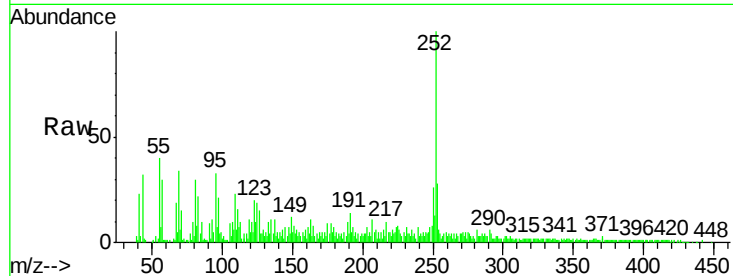
#90
Benzo(a)pyrene
Concen: 10.538 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.8	17.9	26.9#
125	18.9	8.8	13.2#

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#92
Benzo(g,h,i)perylene
Concen: 5.658 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF113607.D
Acq: 5 Apr 2019 2:48

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	33.3	18.8	28.2#
138	26.6	15.6	23.4#

