

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113475.D
 Acq On : 1 Apr 2019 19:19
 Operator : JU/SJ
 Sample : K2186-09 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Apr 02 07:24:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	128826	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	500694	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	225317	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	400928	20.00	ng	0.00
76) Chrysene-d12	13.85	240	358899	20.00	ng	0.00
87) Perylene-d12	15.26	264	237971	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	374275	47.50	ng	0.00
7) Phenol-d6	6.35	99	507121	50.88	ng	0.00
23) Nitrobenzene-d5	7.27	82	273868	32.47	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	122307	43.95	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	570623	27.83	ng	0.00
79) Terphenyl-d14	12.79	244	556109	34.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.46	163	34331	2.056	ng	Qvalue # 97
71) Phenanthrene	11.24	178	116865	5.870	ng	98
72) Anthracene	11.29	178	41928	2.073	ng	98
75) Fluoranthene	12.43	202	222085	9.867	ng	98
78) Pyrene	12.65	202	226001	9.087	ng	99
81) Benzo(a)anthracene	13.84	228	109380	5.324	ng	94
83) Chrysene	13.87	228	110113	5.277	ng	96
84) Bis(2-ethylhexyl)phthalate	13.83	149	116764	8.690	ng	# 98
86) Indeno(1,2,3-cd)pyrene	16.63	276	35908	2.005	ng	96
88) Benzo(b)fluoranthene	14.86	252	100347m	6.788	ng	
89) Benzo(k)fluoranthene	14.89	252	26795m	2.064	ng	
90) Benzo(a)pyrene	15.20	252	66786	5.096	ng	# 86
92) Benzo(g,h,i)perylene	17.04	276	37351	3.269	ng	# 86

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

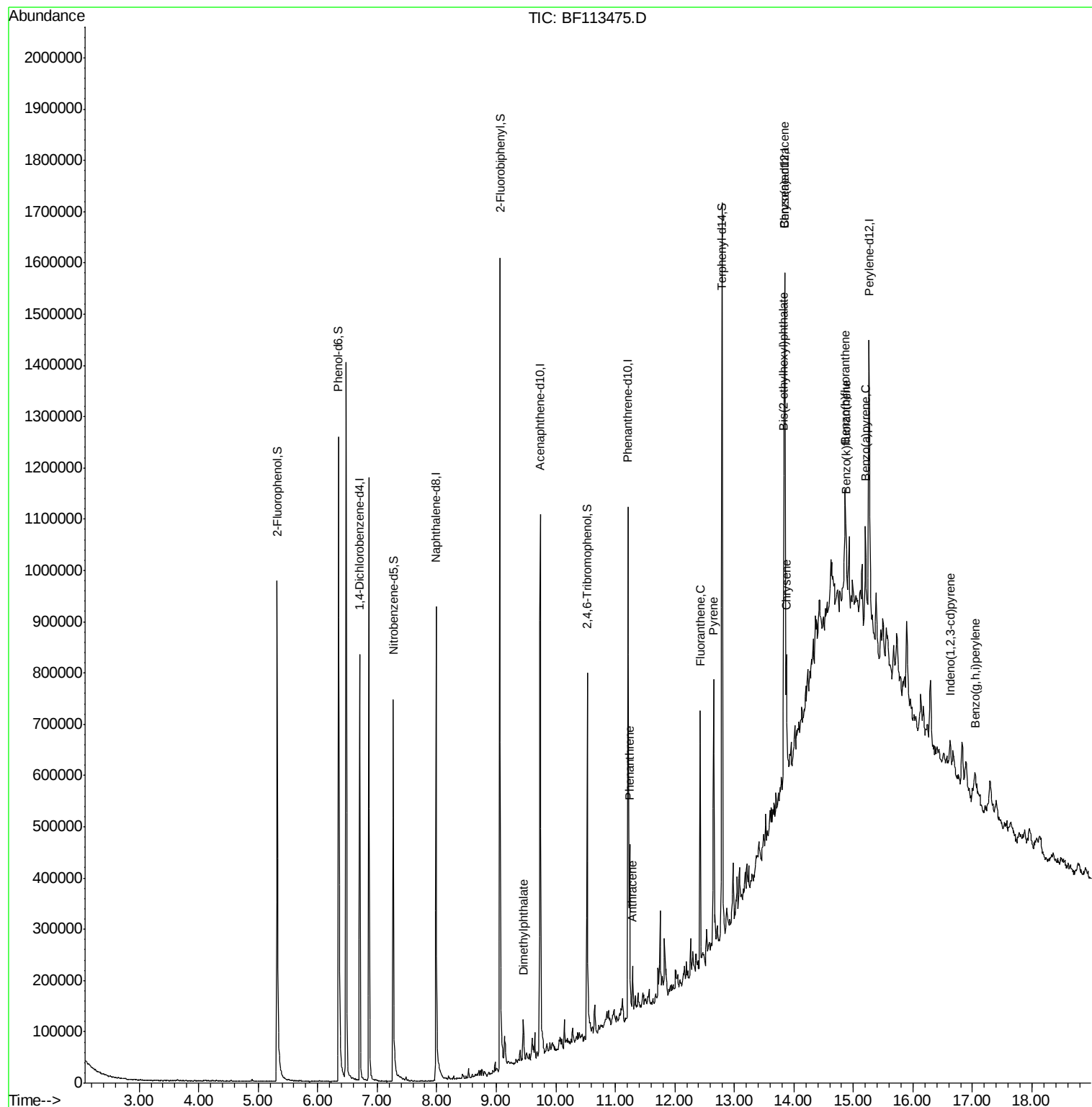
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113475.D
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#1

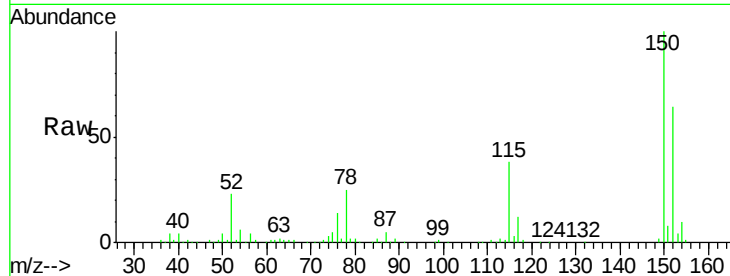
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

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

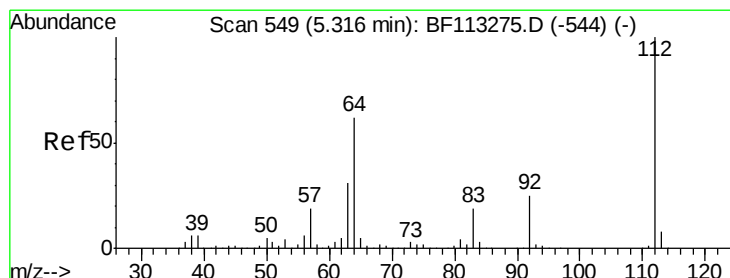
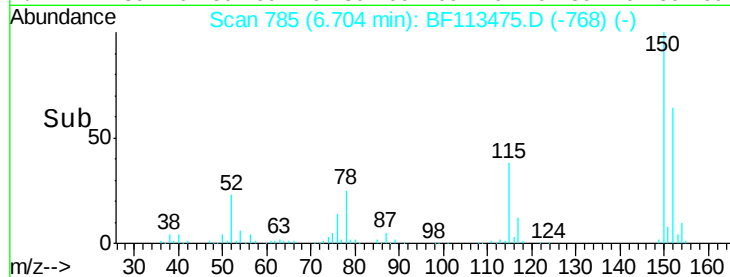
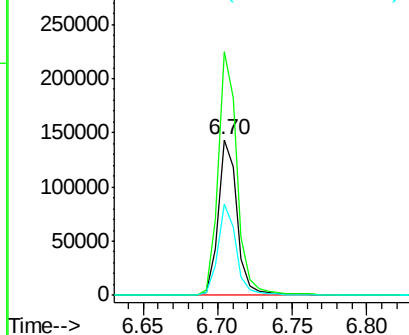
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.7	187.1
115	59.0	46.0	69.0

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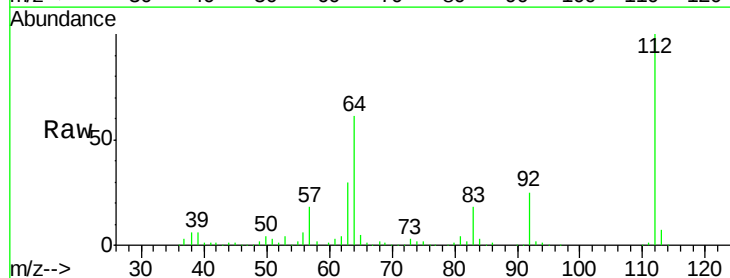
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



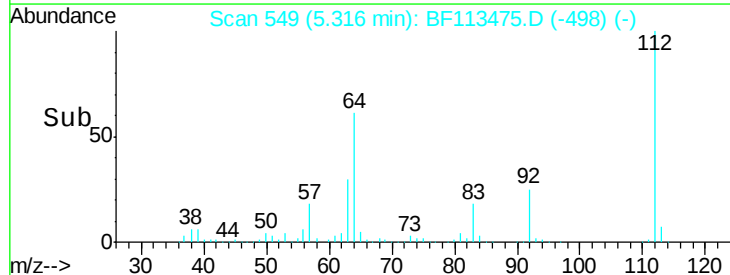
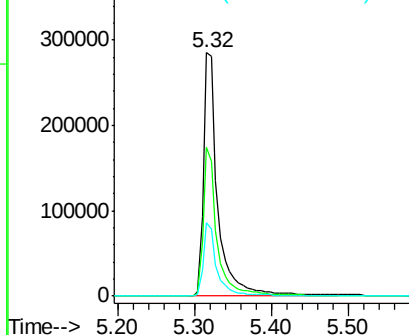
#5

2-Fluorophenol
Concen: 47.505 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.2	73.8
63	30.0	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 50.880 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113475.D

Acq: 1 Apr 2019 19:19

Instrument :

BNA_F

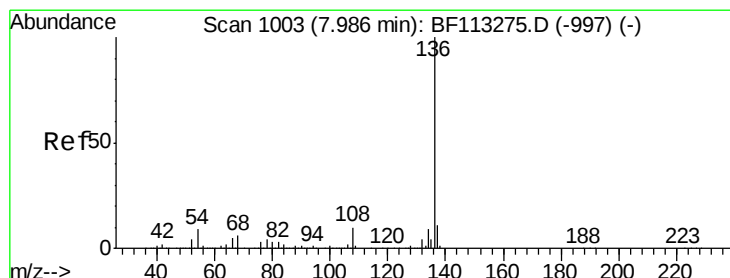
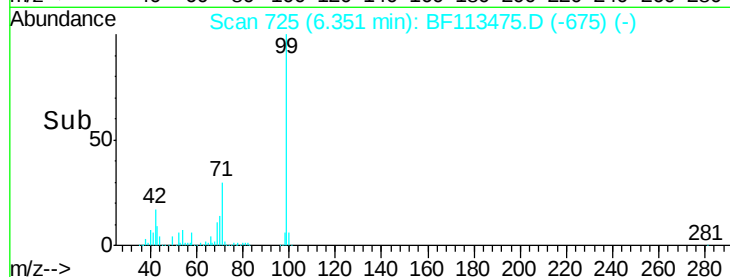
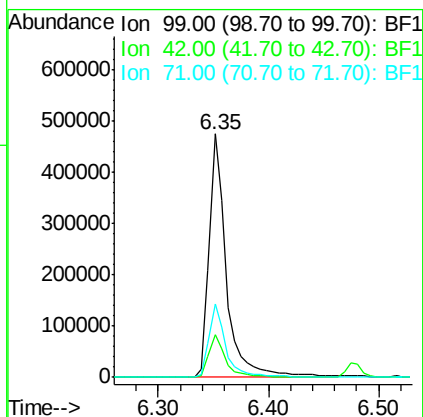
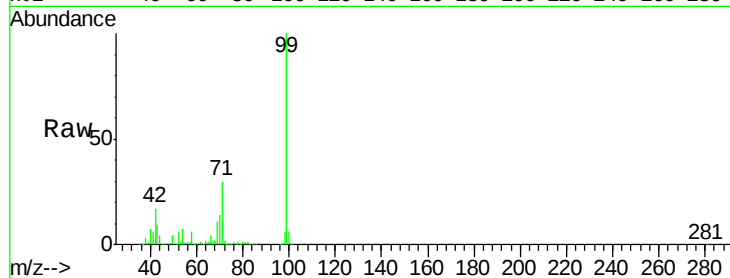
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

Tgt Ion:	99	Resp:	507121
Ion Ratio	Lower	Upper	
99	100		
42	17.5	14.8	22.2
71	30.1	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

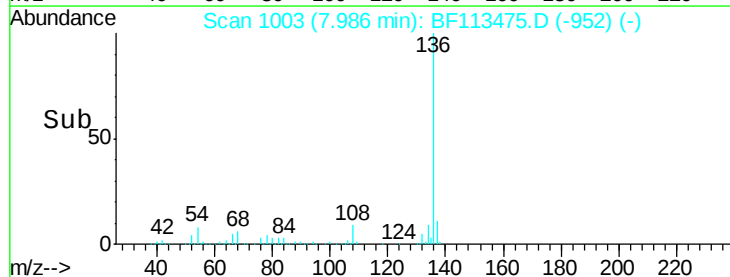
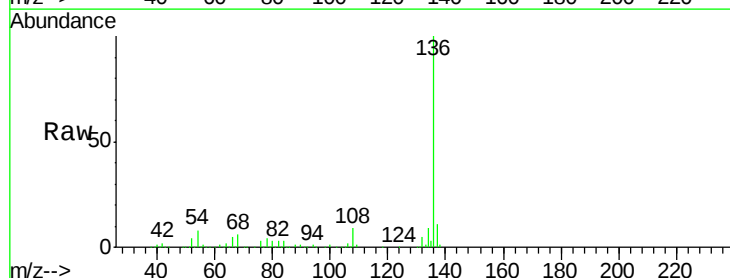
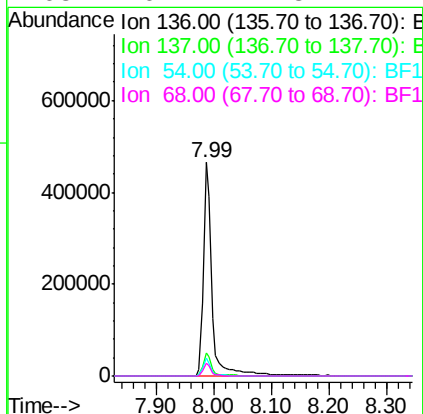
RT: 7.99 min Scan# 1003

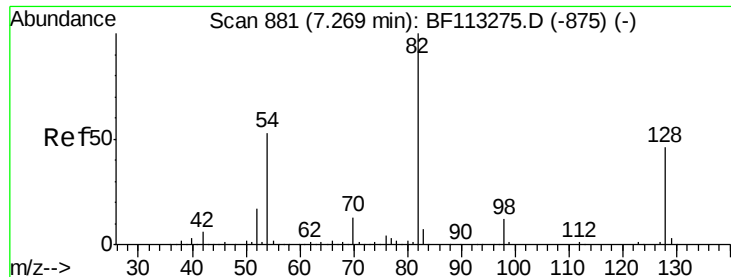
Delta R.T. -0.00 min

Lab File: BF113475.D

Acq: 1 Apr 2019 19:19

Tgt Ion:	136	Resp:	500694
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.4	7.0	10.6
68	6.2	4.8	7.2





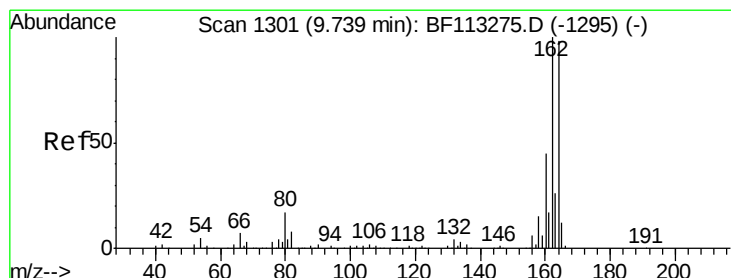
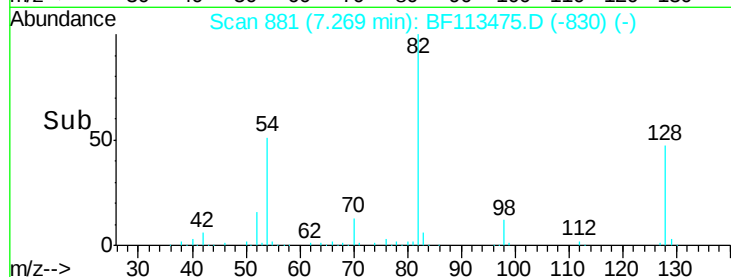
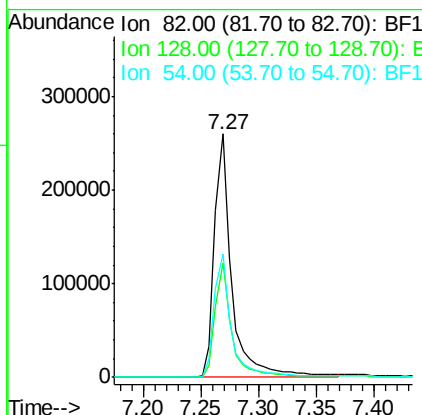
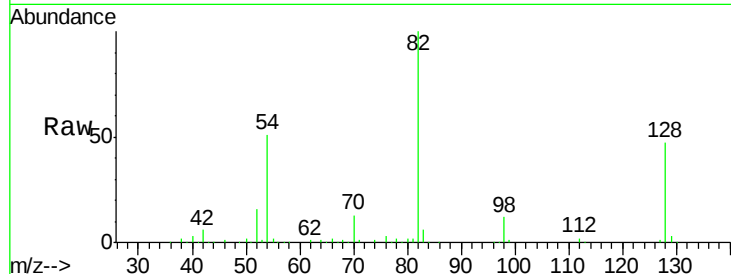
#23
Nitrobenzene-d5
Concen: 32.465 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	273868		
128	46.8	36.5	54.7	
54	50.7	42.2	63.2	

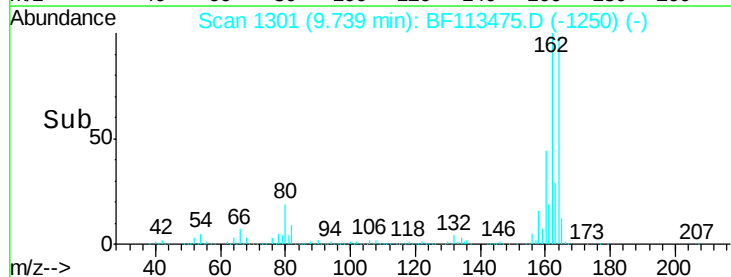
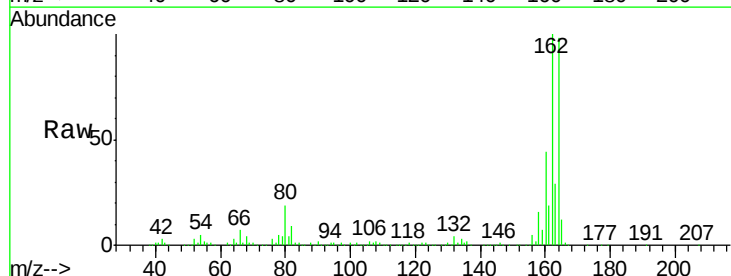
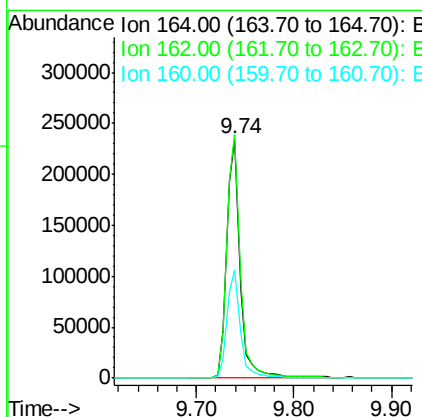
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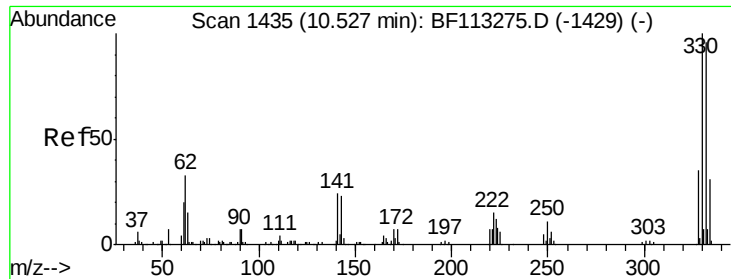
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	225317		
162	101.9	81.8	122.6	
160	45.2	36.4	54.6	





#42

2,4,6-Tribromophenol

Concen: 43.945 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113475.D

Acq: 1 Apr 2019 19:19

Instrument :

BNA_F

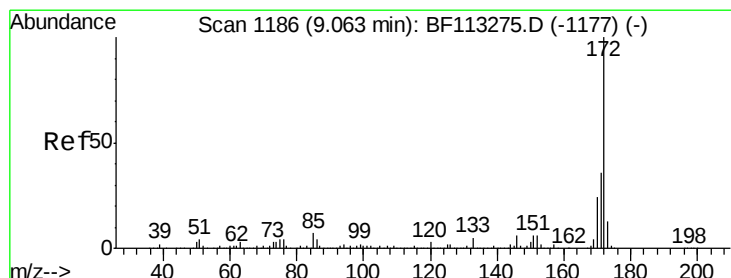
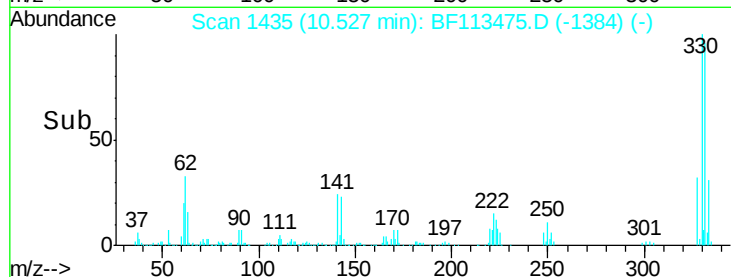
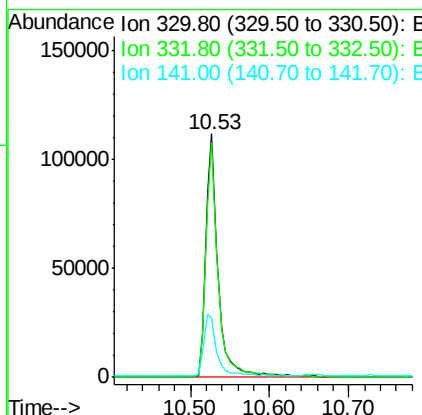
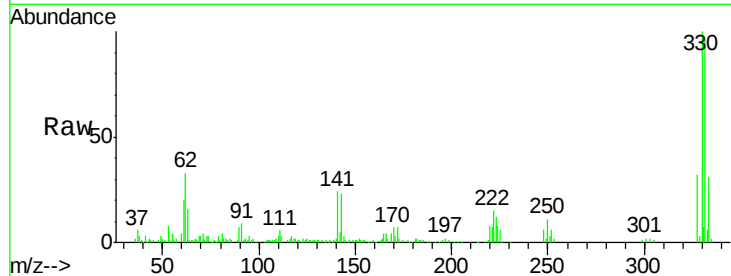
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

Tgt Ion:	330	Resp:	122307
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.8	116.6
141	26.3	22.7	34.1

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#45

2-Fluorobiphenyl

Concen: 27.832 ng

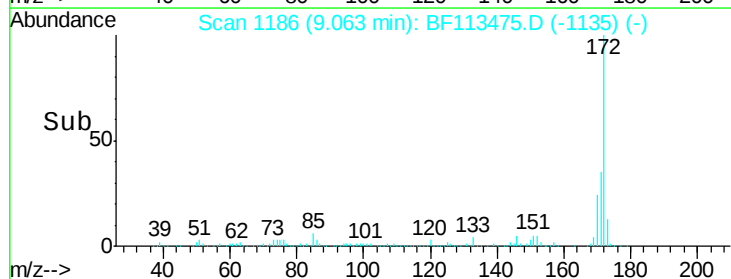
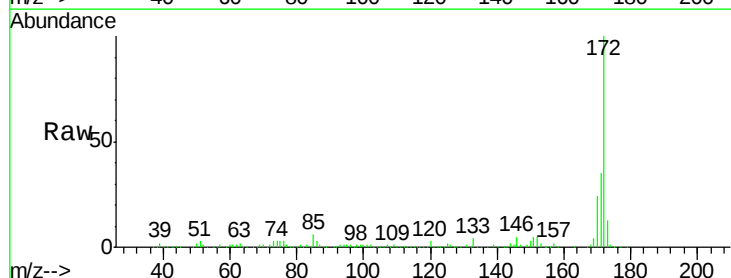
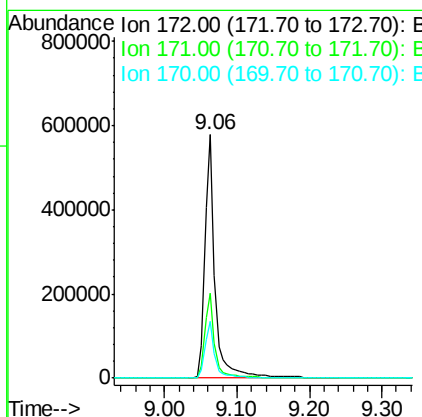
RT: 9.06 min Scan# 1186

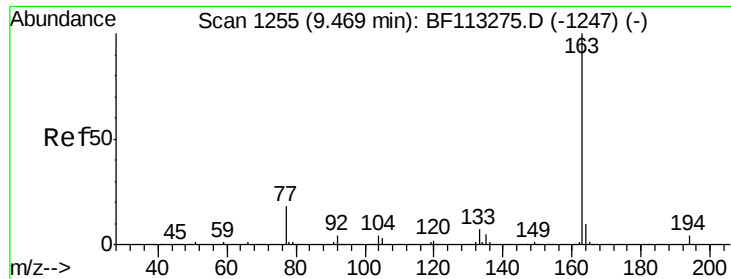
Delta R.T. 0.00 min

Lab File: BF113475.D

Acq: 1 Apr 2019 19:19

Tgt Ion:	172	Resp:	570623
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.0	43.6
170	23.5	19.5	29.3





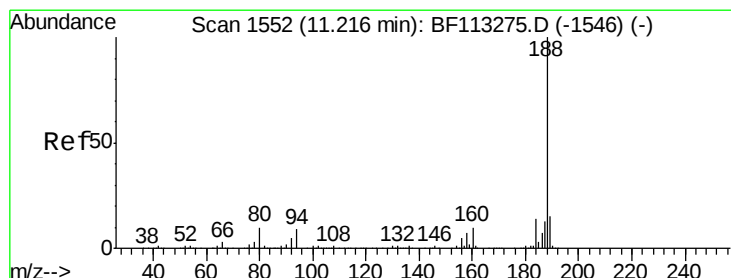
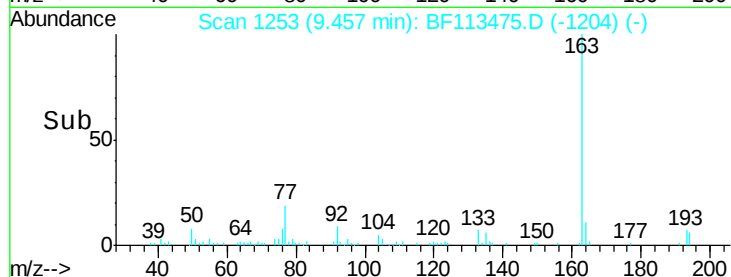
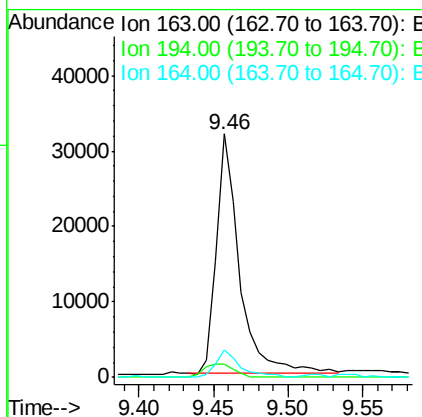
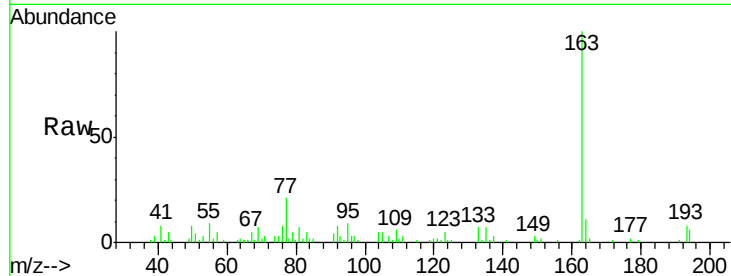
#50
Dimethylphthalate
Concen: 2.056 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

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

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	34331		
194	5.5	3.0	4.6#	
164	11.1	8.1	12.1	

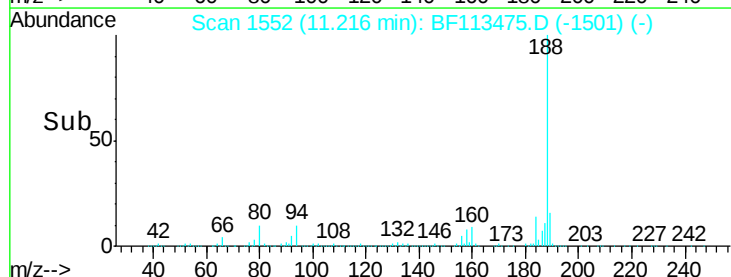
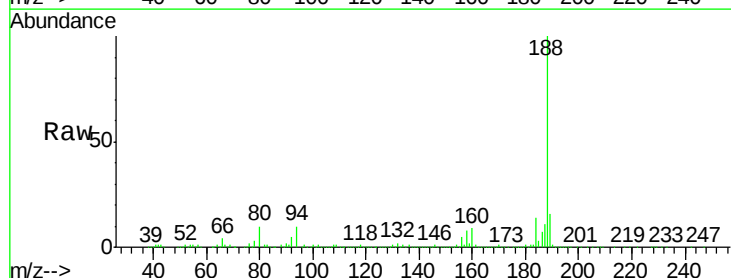
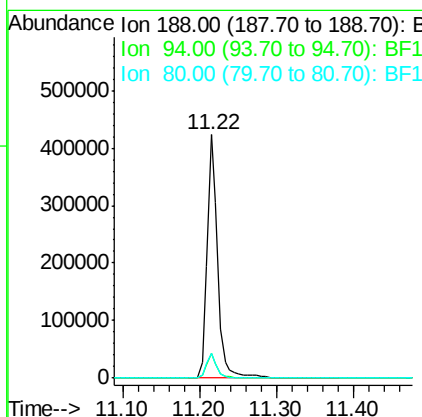
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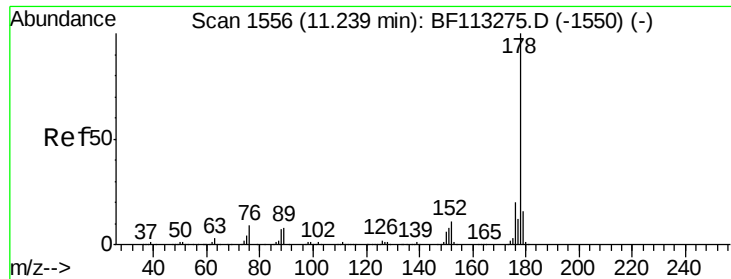
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	400928		
94	10.0	7.0	10.6	
80	10.0	7.7	11.5	





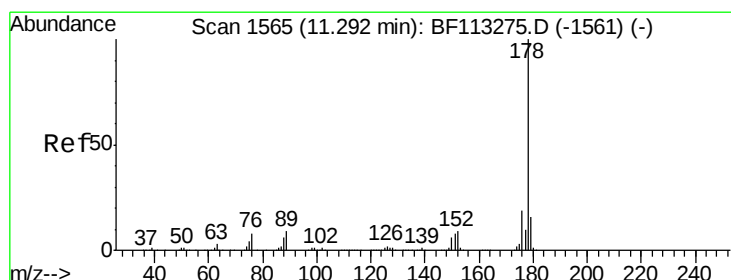
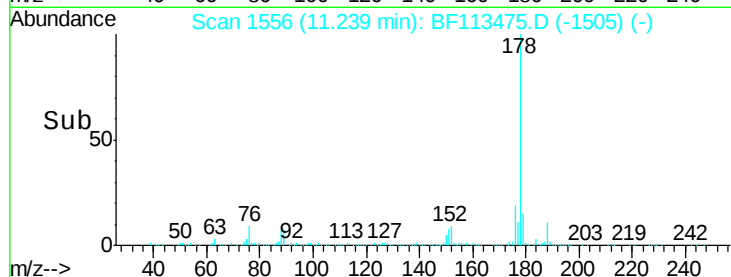
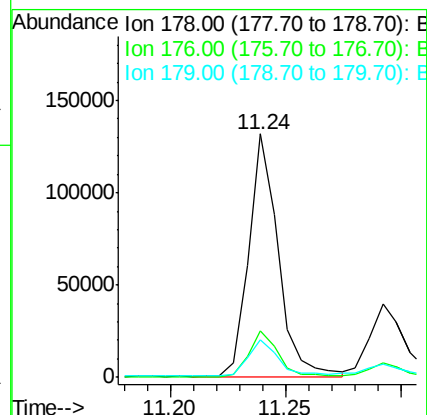
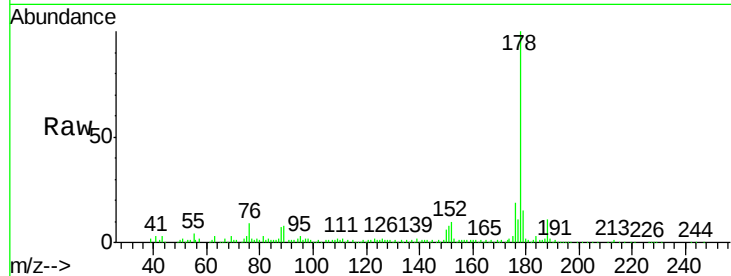
#71
Phenanthrene
Concen: 5.870 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.2
179	15.5	12.7	19.1

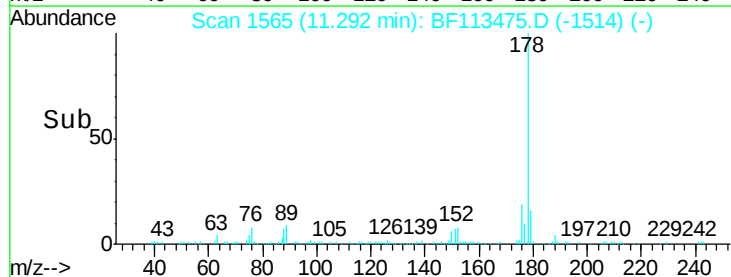
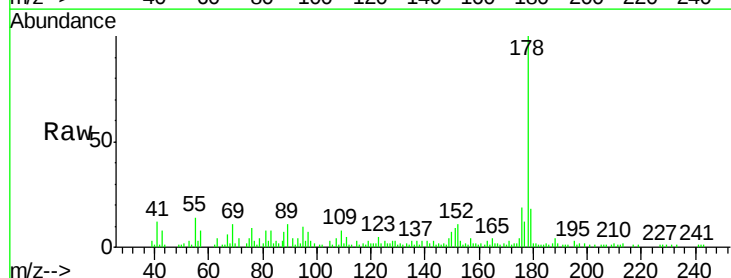
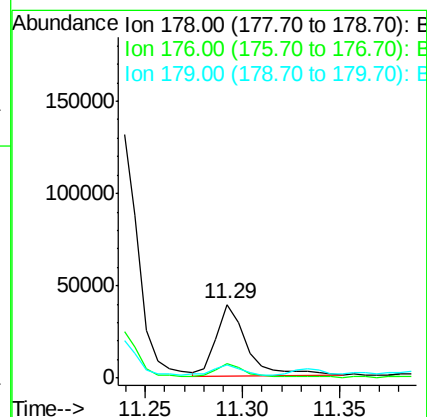
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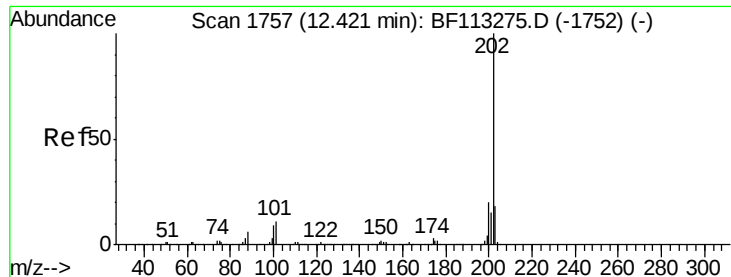
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#72
Anthracene
Concen: 2.073 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	17.5	12.8	19.2





#75

Fluoranthene

Concen: 9.867 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF113475.D

Acq: 1 Apr 2019 19:19

Instrument :

BNA_F

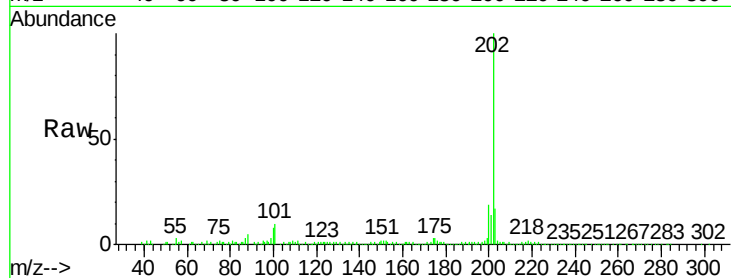
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

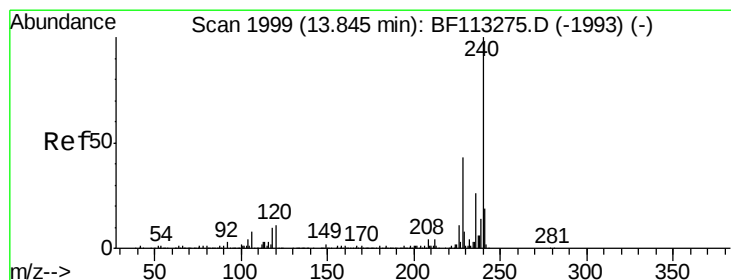
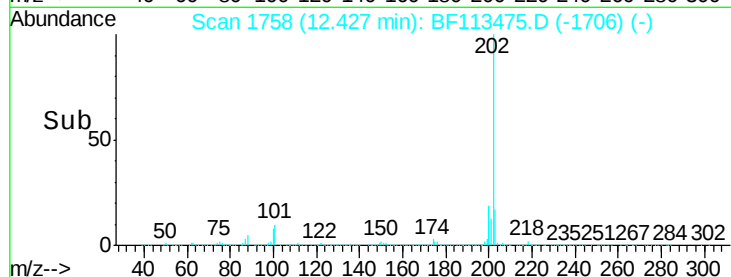
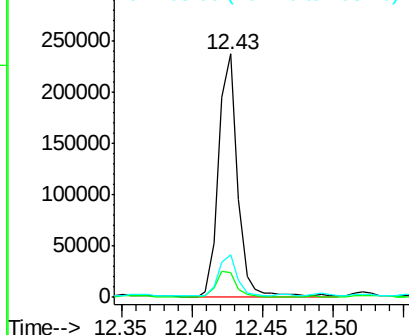
Tgt Ion:	202	Resp:	222085
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	31.4
203	17.3	0.0	38.0

Manual Integrations
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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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

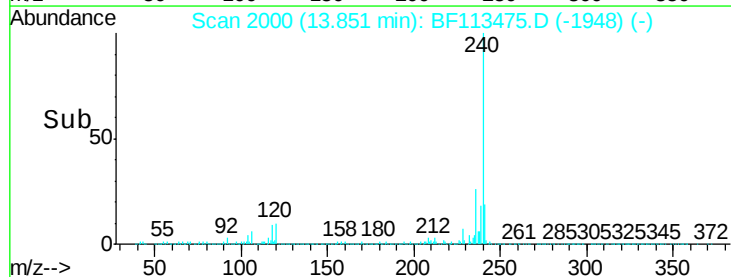
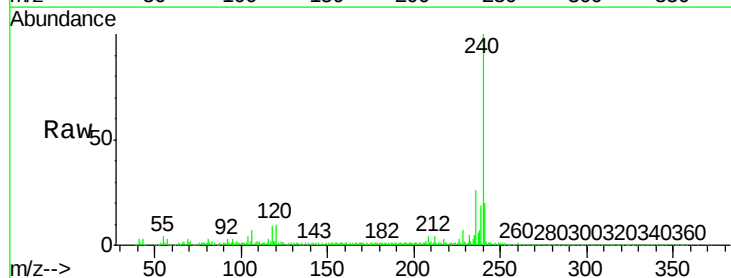
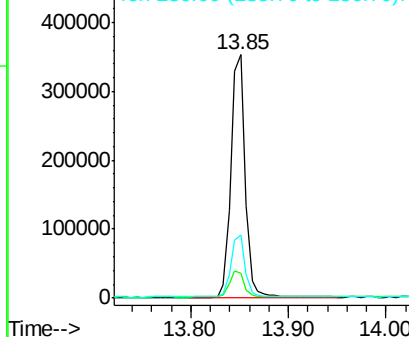
Delta R.T. 0.01 min

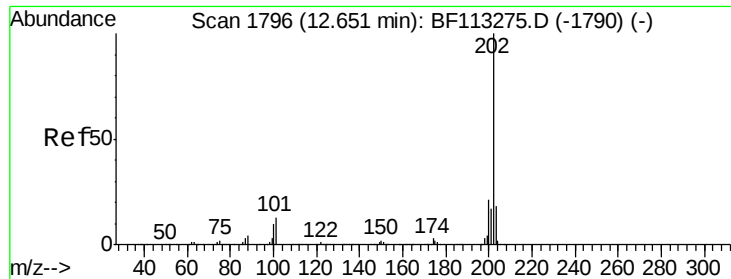
Lab File: BF113475.D

Acq: 1 Apr 2019 19:19

Tgt Ion:	240	Resp:	358899
Ion Ratio	Lower	Upper	
240	100		
120	10.3	8.8	13.2
236	25.9	20.9	31.3

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





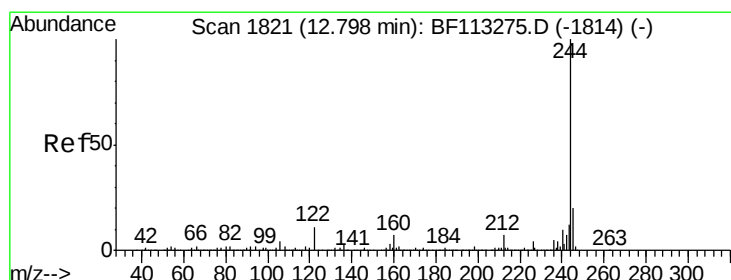
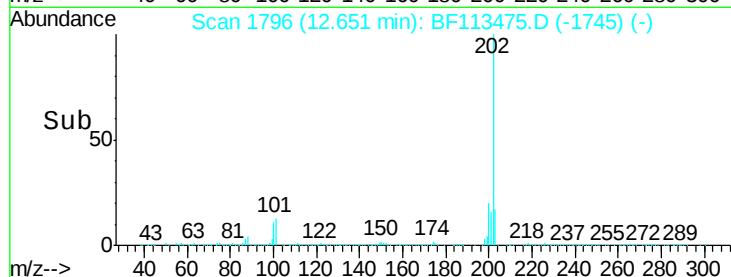
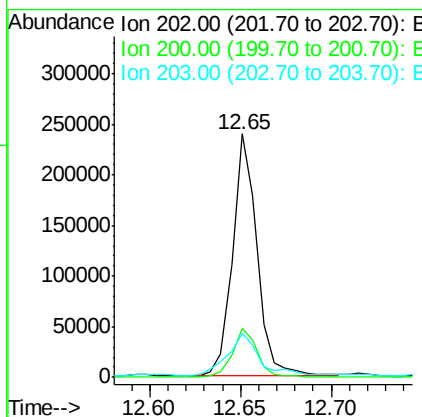
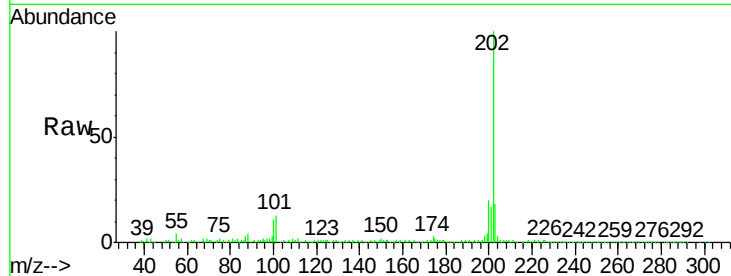
#78
Pyrene
Concen: 9.087 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

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

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	226001		
200	20.2	16.8	25.2	
203	18.1	14.4	21.6	

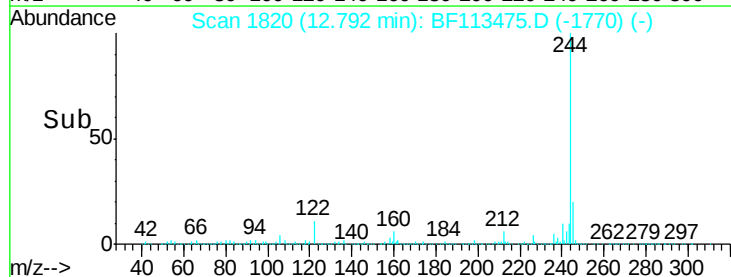
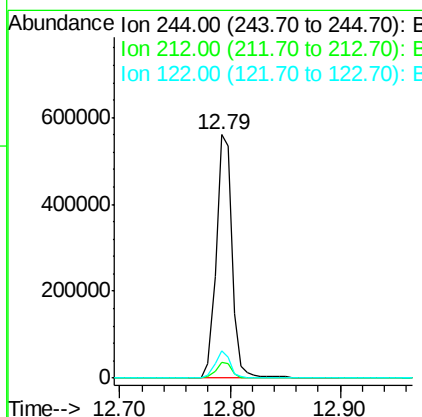
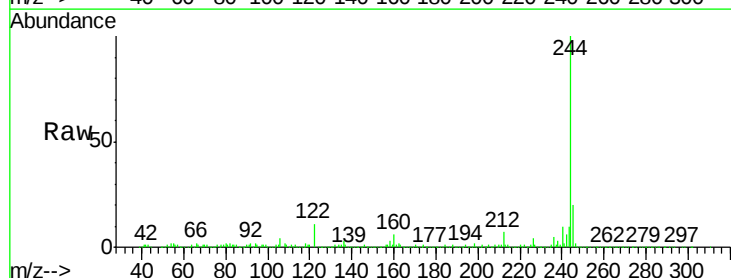
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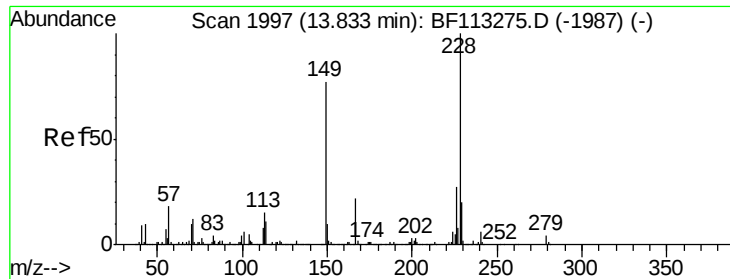
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#79
Terphenyl-d14
Concen: 34.153 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	556109		
212	6.5	5.5	8.3	
122	11.3	8.6	13.0	





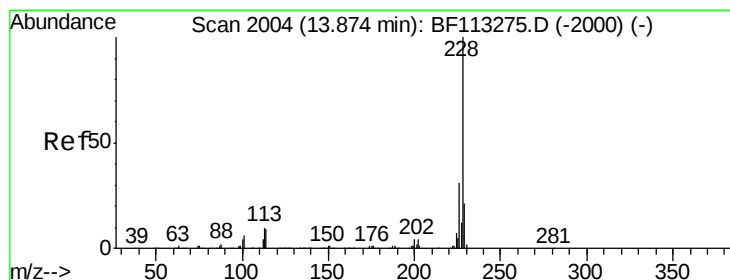
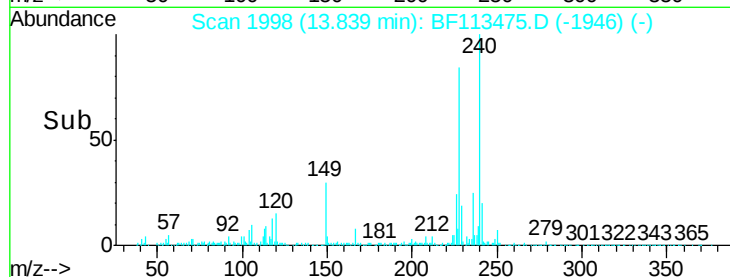
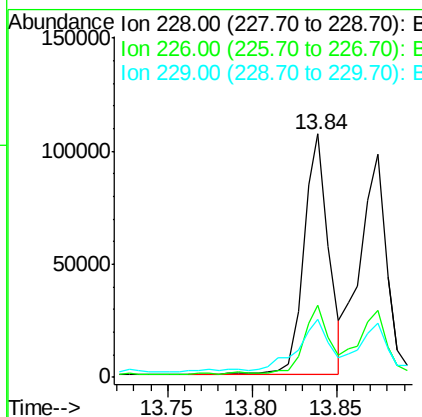
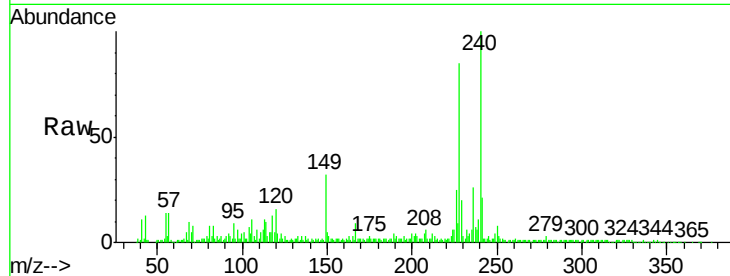
#81
Benzo(a)anthracene
Concen: 5.324 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

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

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	109380		
226	29.7	21.8	32.8	
229	24.0	16.2	24.4	

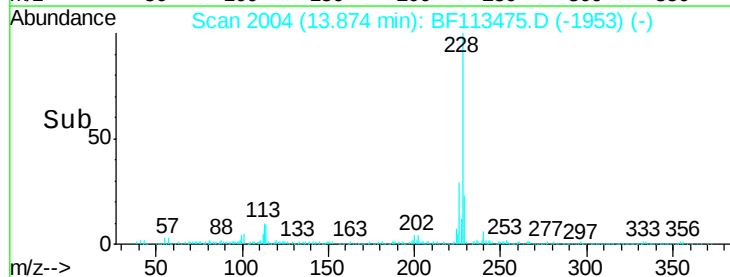
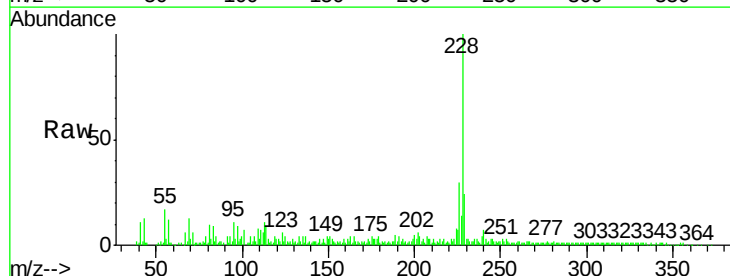
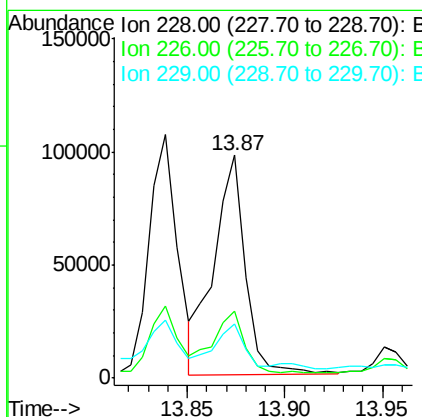
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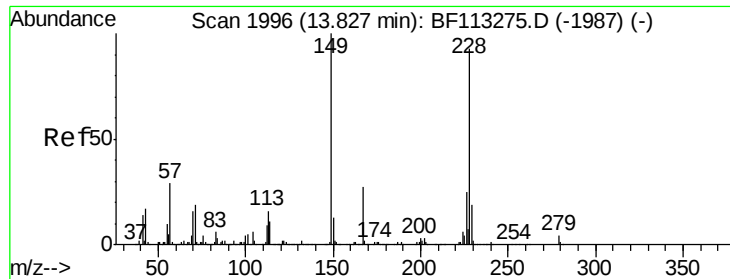
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4/2/2019 3:49:35 PM



#83
Chrysene
Concen: 5.277 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	110113		
226	30.0	24.3	36.5	
229	24.4	16.3	24.5	





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.690 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113475.D

Acq: 1 Apr 2019 19:19

Instrument :

BNA_F

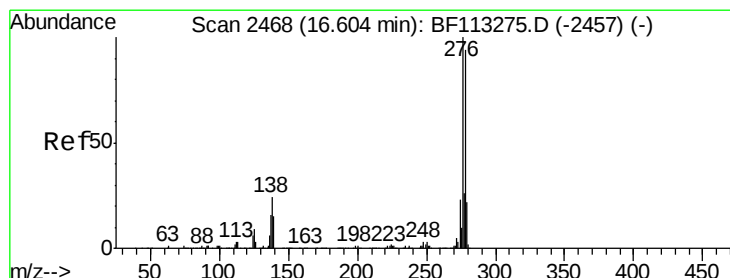
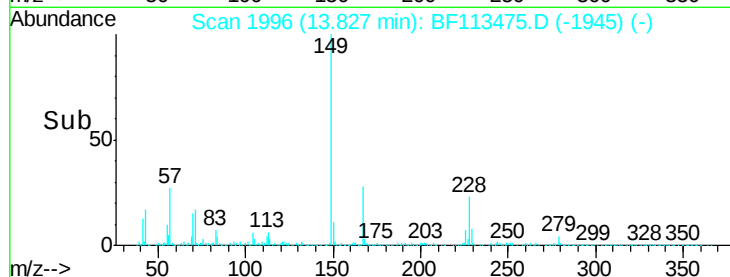
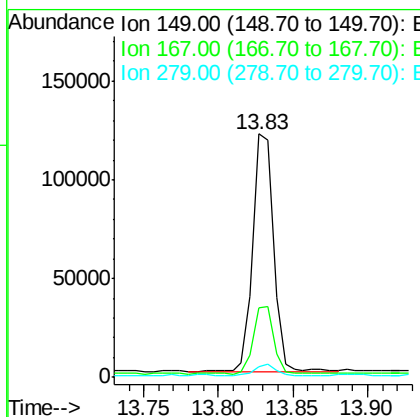
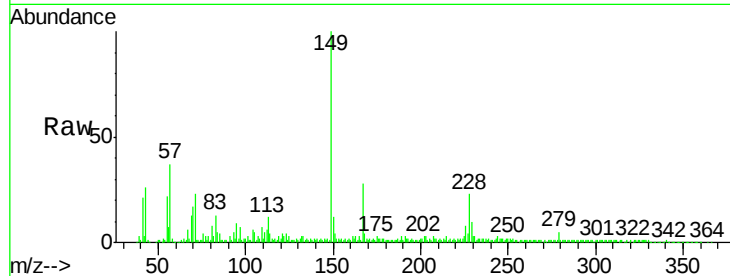
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

Tgt Ion:	149	Resp:	116764
Ion Ratio	Lower	Upper	
149	100		
167	28.5	21.8	32.8
279	4.6	2.9	4.3#

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4/2/2019 3:49:35 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.005 ng

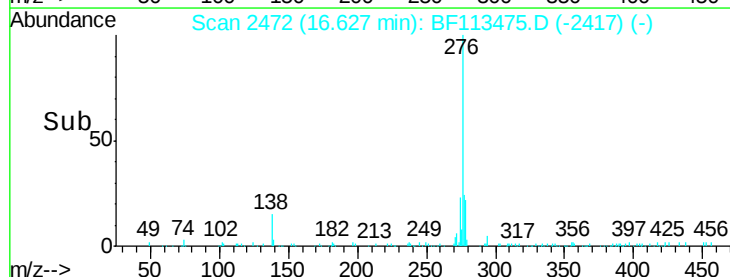
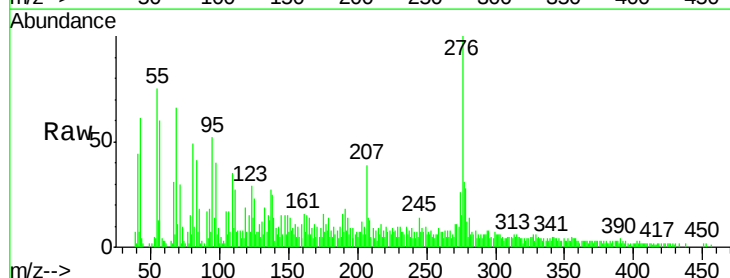
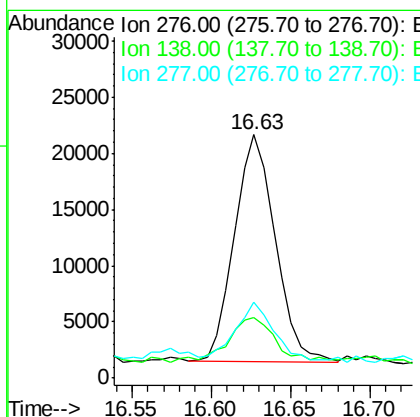
RT: 16.63 min Scan# 2472

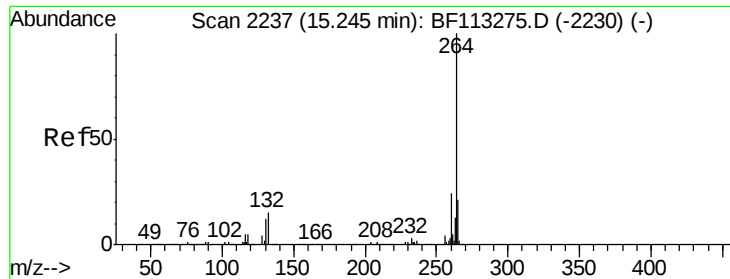
Delta R.T. 0.02 min

Lab File: BF113475.D

Acq: 1 Apr 2019 19:19

Tgt Ion:	276	Resp:	35908
Ion Ratio	Lower	Upper	
276	100		
138	24.5	18.1	27.1
277	23.5	20.2	30.4





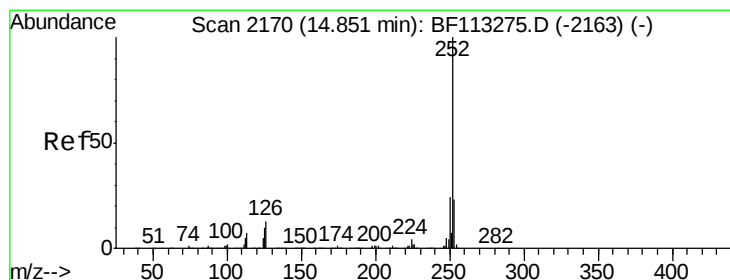
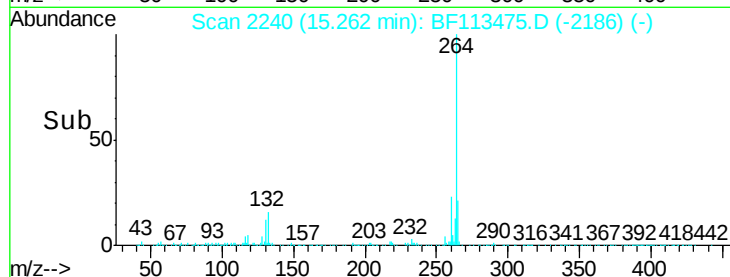
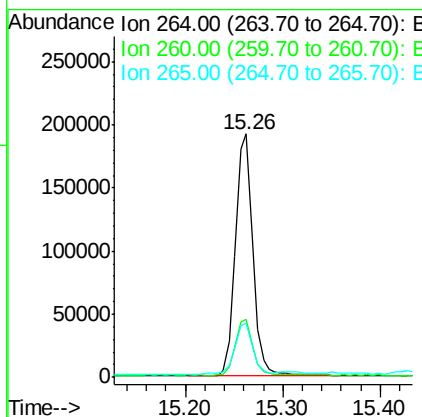
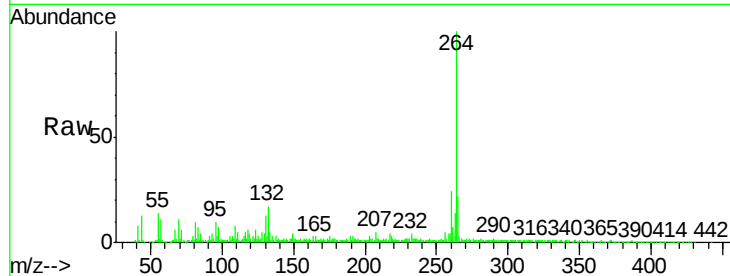
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.02 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

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

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	237971		
260	23.9	19.1	28.7	
265	22.5	17.1	25.7	

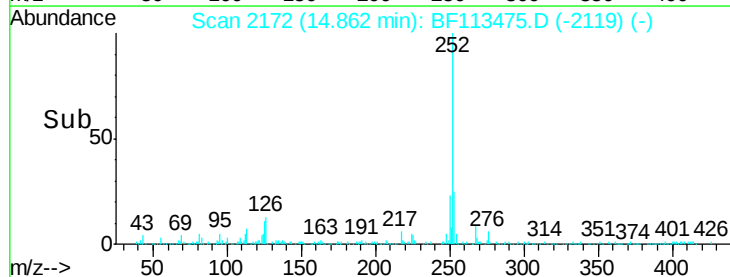
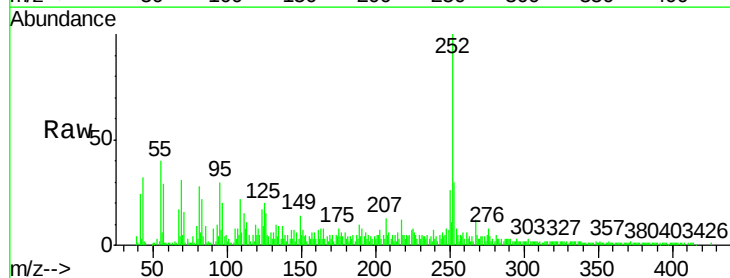
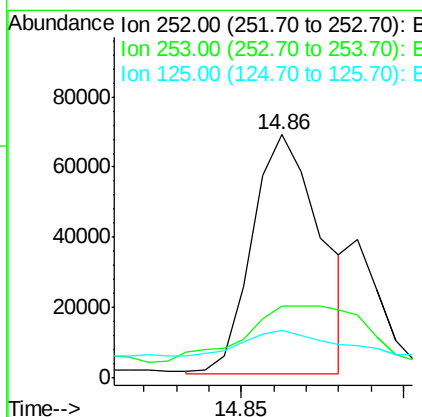
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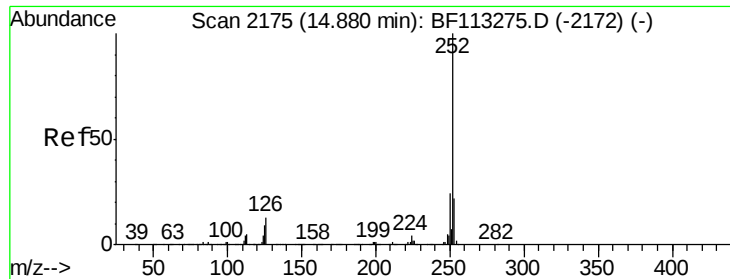
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4/2/2019 3:49:35 PM



#88
Benzo(b)fluoranthene
Concen: 6.788 ng m
RT: 14.86 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BF113475.D
Acq: 1 Apr 2019 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	100347		
253	29.7	18.0	27.0#	
125	19.6	7.6	11.4#	





#89

Benzo(k)fluoranthene

Concen: 2.064 ng m

RT: 14.89 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BF113475.D

Acq: 1 Apr 2019 19:19

Instrument :

BNA_F

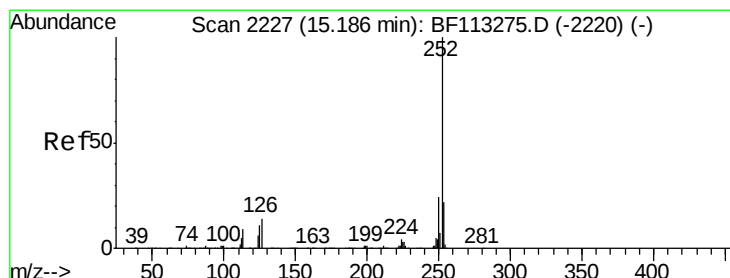
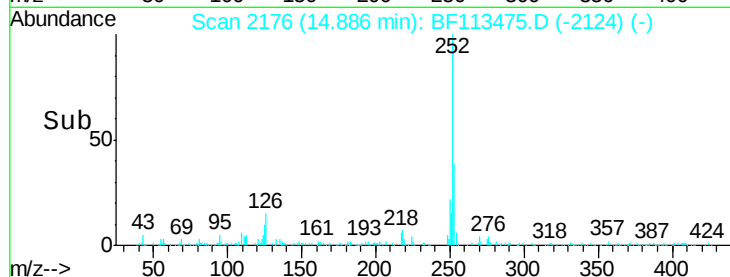
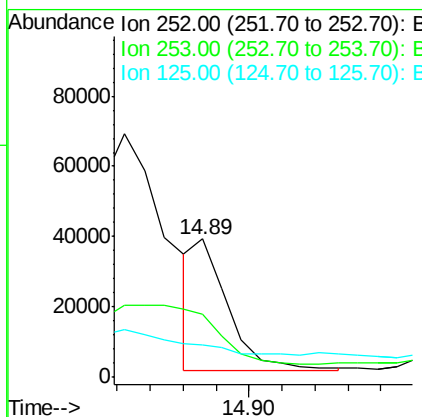
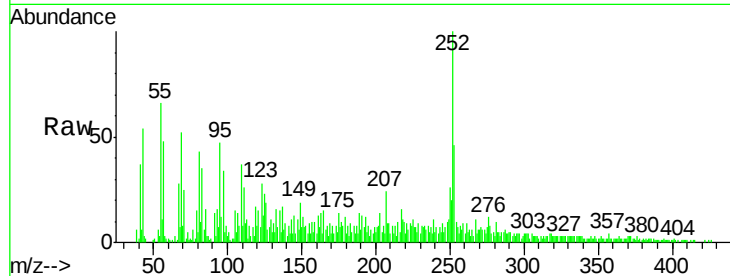
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

Tgt Ion:	252	Resp:	26795
Ion Ratio	Lower	Upper	
252	100		
253	45.7	17.7	26.5#
125	23.5	7.3	10.9#

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4/2/2019 3:49:35 PM



#90

Benzo(a)pyrene

Concen: 5.096 ng

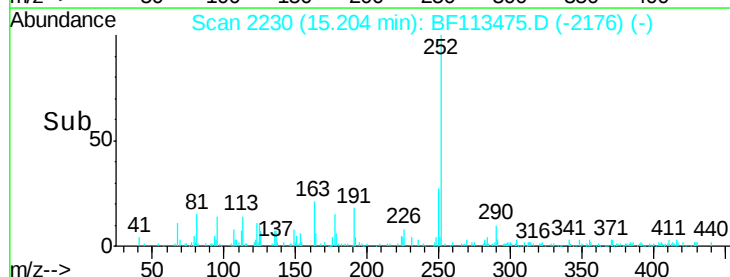
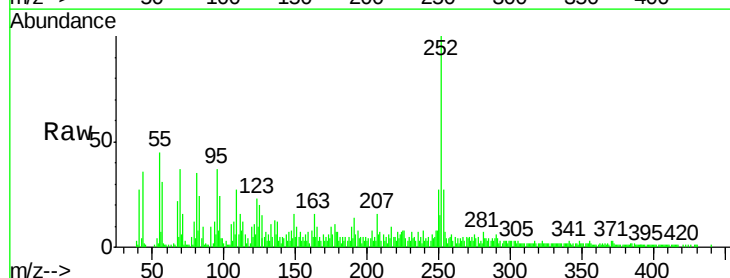
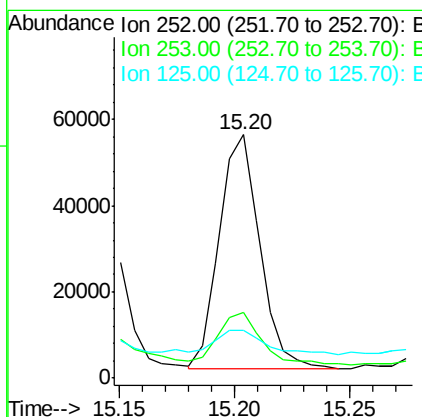
RT: 15.20 min Scan# 2230

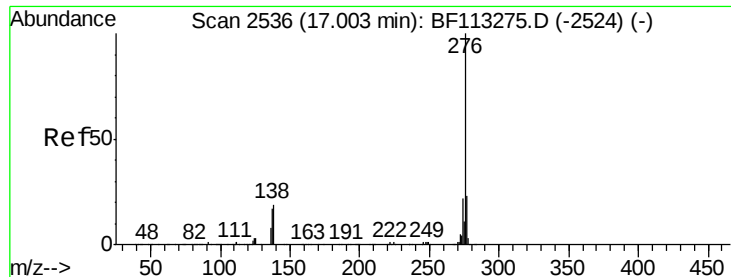
Delta R.T. 0.02 min

Lab File: BF113475.D

Acq: 1 Apr 2019 19:19

Tgt Ion:	252	Resp:	66786
Ion Ratio	Lower	Upper	
252	100		
253	27.2	17.9	26.9#
125	19.6	8.8	13.2#





#92
 Benzo(g,h,i)perylene
 Concen: 3.269 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. 0.04 min
 Lab File: BF113475.D
 Acq: 1 Apr 2019 19:19

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

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.7	18.8	28.2#
138	25.9	15.6	23.4#

Manual Integrations
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