

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082119\
 Data File : BF116467.D
 Acq On : 21 Aug 2019 16:20
 Operator : HP/JU
 Sample : K4421-03DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUNSET-PARK-SB-6-COMPDL

Manual Integrations
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Quant Time: Aug 22 08:38:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	126266	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	493174	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	250188	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	350795	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	240302	20.00	ng	-0.01
87) Perylene-d12	15.43	264	231144	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	363300	48.17	ng	-0.02
7) Phenol-d6	6.45	99	502414	52.80	ng	-0.02
23) Nitrobenzene-d5	7.36	82	301262	35.26	ng	-0.03
42) 2,4,6-Tribromophenol	10.63	330	84441	34.81	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	517981	38.78	ng	-0.02
79) Terphenyl-d14	12.90	244	393319	34.49	ng	-0.02
Target Compounds						
49) Acenaphthylene	9.69	152	164553	7.672	ng	Qvalue 97
50) Dimethylphthalate	9.55	163	85435	5.015	ng	99
52) Acenaphthene	9.86	154	66056	5.020	ng	99
58) Fluorene	10.38	166	41735	2.835	ng	98
71) Phenanthrene	11.34	178	198658	11.078	ng	98
72) Anthracene	11.40	178	153383	8.451	ng	98
75) Fluoranthene	12.54	202	606208	32.289	ng	99
78) Pyrene	12.77	202	955099	52.726	ng	99
81) Benzo(a)anthracene	13.96	228	326791	21.276	ng	99
83) Chrysene	13.99	228	270799	18.160	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	84126	6.717	ng	96
88) Benzo(b)fluoranthene	15.00	252	269229m	20.144	ng	
89) Benzo(k)fluoranthene	15.03	252	84229m	6.470	ng	
90) Benzo(a)pyrene	15.37	252	150937	12.634	ng	# 98
92) Benzo(a,h,i)perylene	17.34	276	105210	10.359	ng	97

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

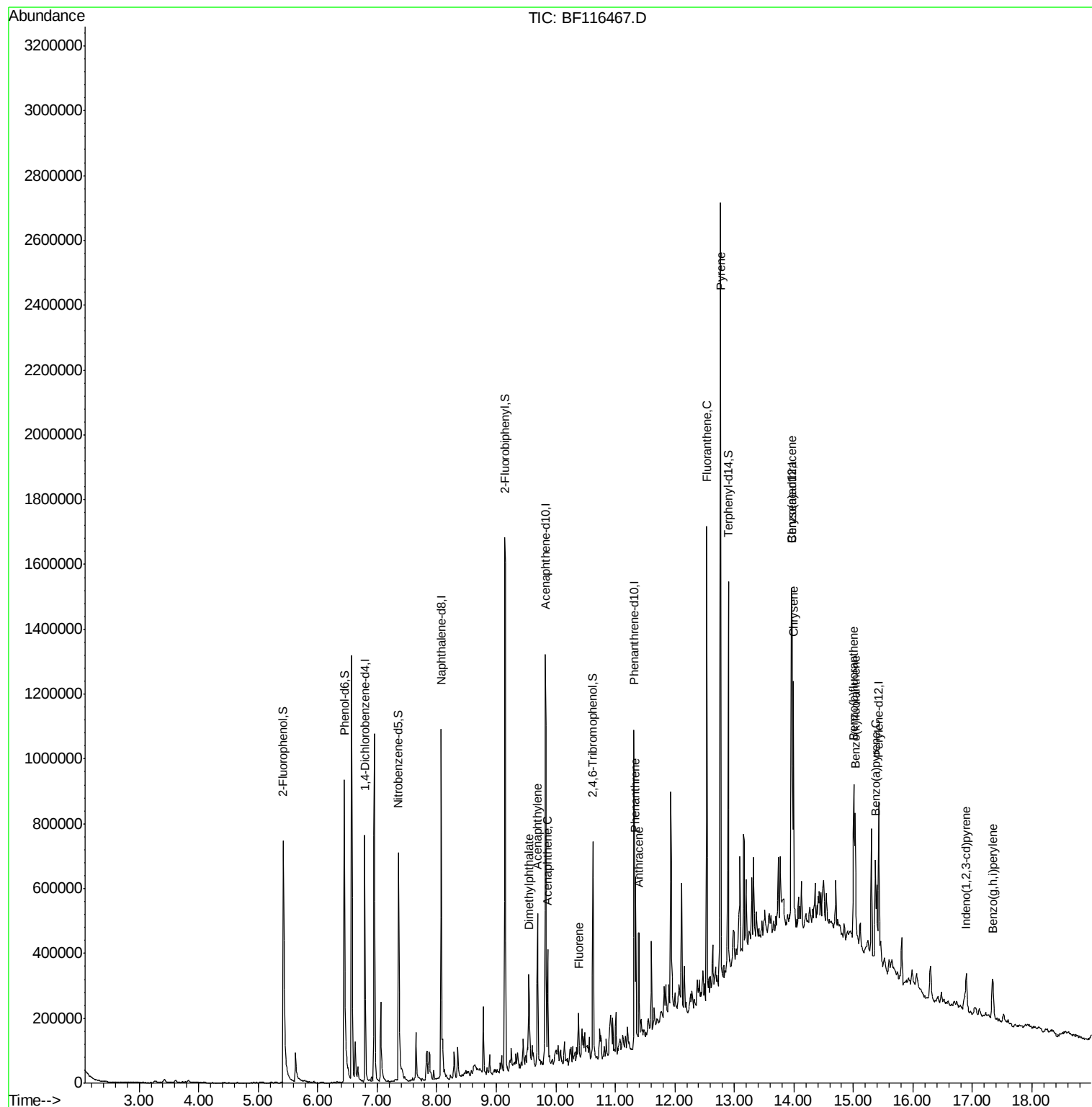
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082119\
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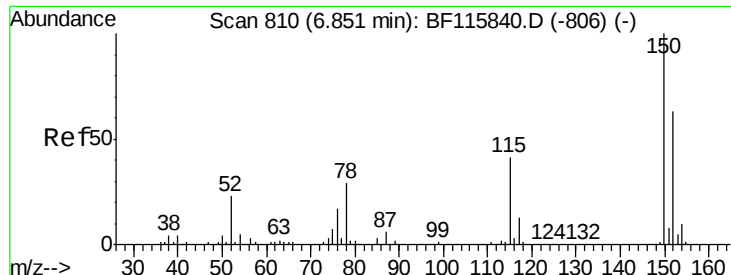
Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-6-COMPD

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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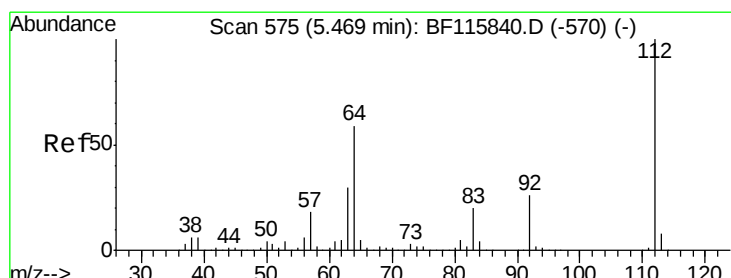
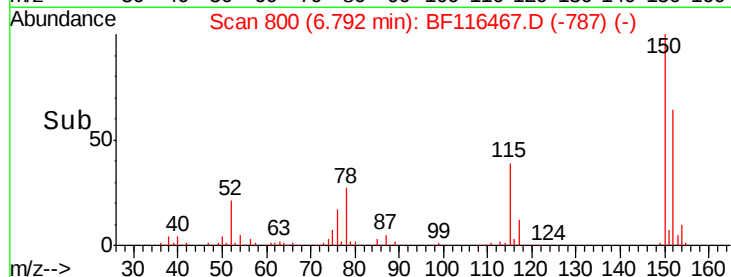
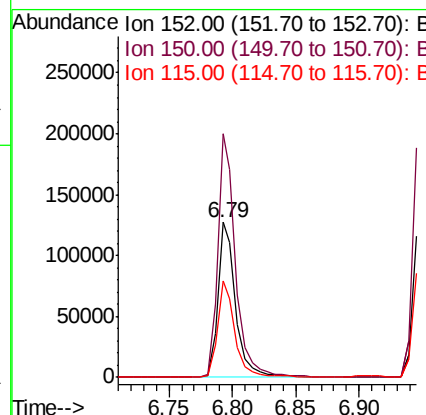
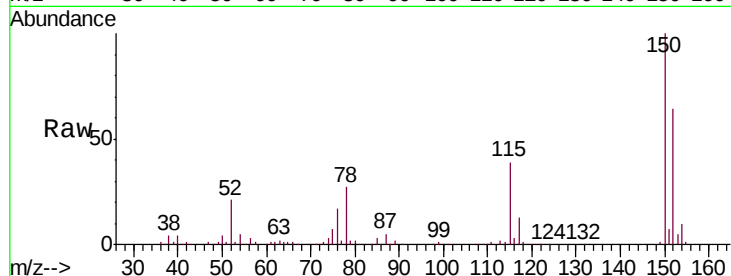
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF116467.D
 Acq: 21 Aug 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SUNSET-PARK-SB-6-COMPDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	62.0	49.9	74.9

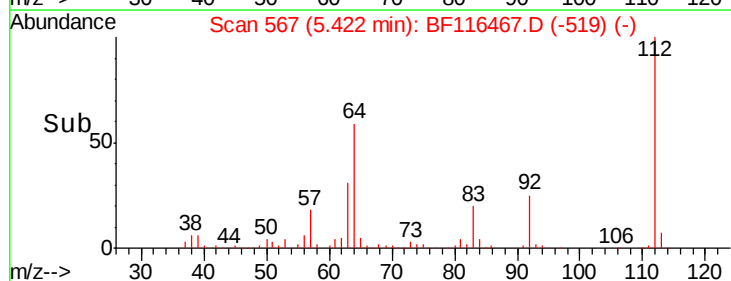
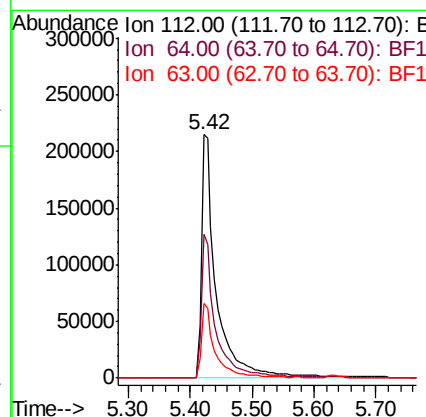
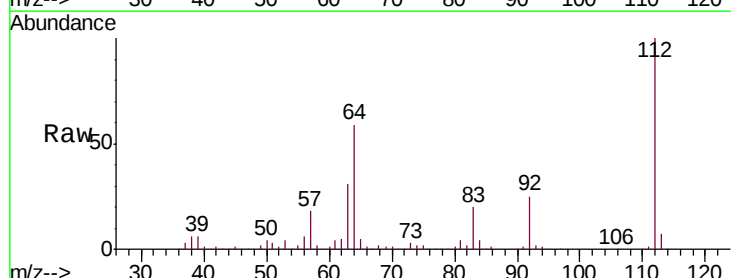
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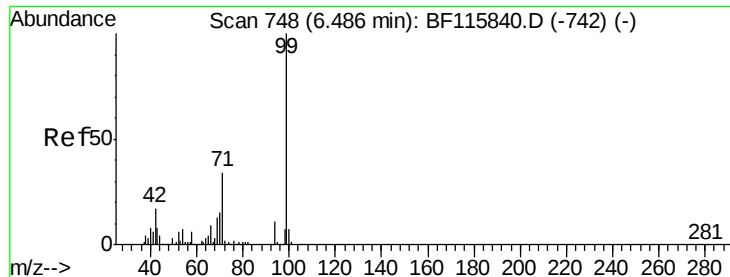
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#5
 2-Fluorophenol
 Concen: 48.167 ng
 RT: 5.42 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF116467.D
 Acq: 21 Aug 2019 16:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.4	68.2
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 52.796 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF116467.D

Acq: 21 Aug 2019 16:20

Instrument :

BNA_F

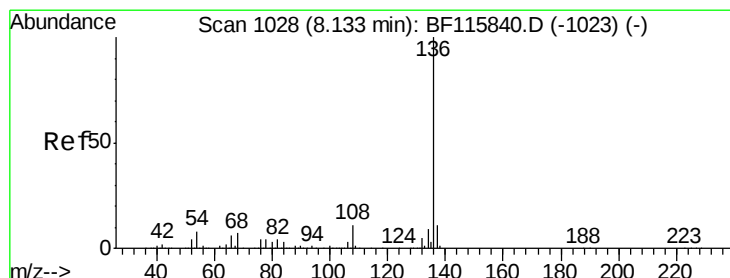
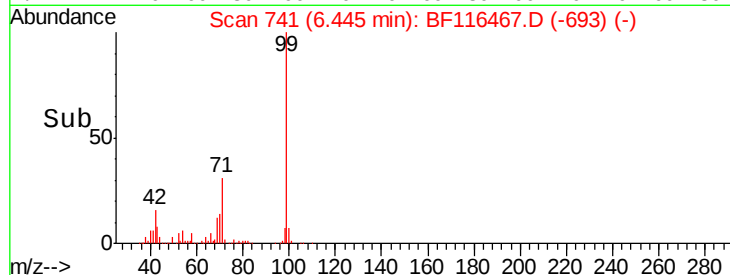
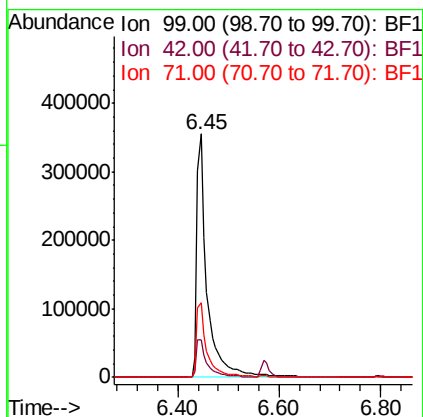
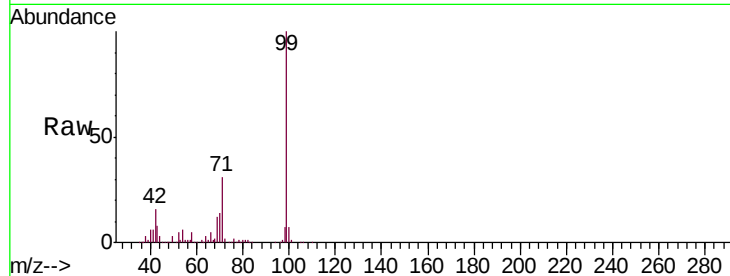
ClientSampleId :

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Tot Ion:	99	Resp:	502414
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.8	20.8
71	30.9	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

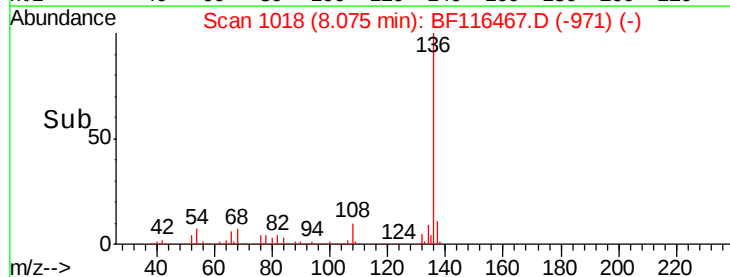
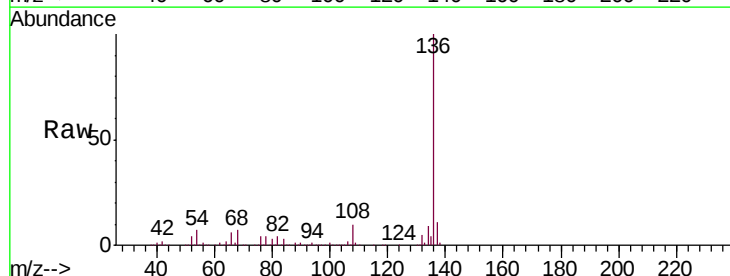
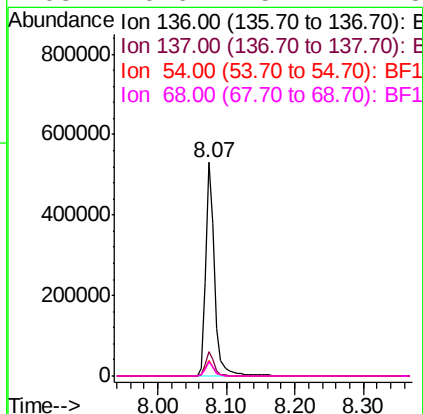
RT: 8.07 min Scan# 1018

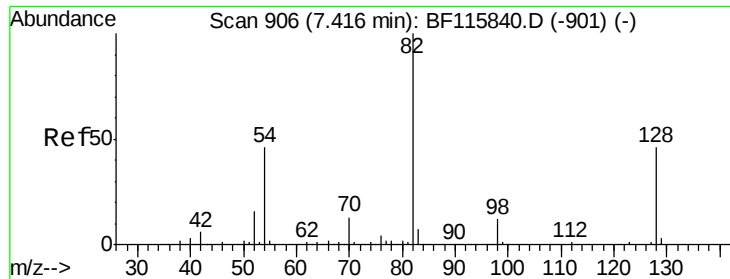
Delta R.T. -0.02 min

Lab File: BF116467.D

Acq: 21 Aug 2019 16:20

Tgt Ion:	136	Resp:	493174
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	7.4	5.8	8.6
68	6.6	5.2	7.8





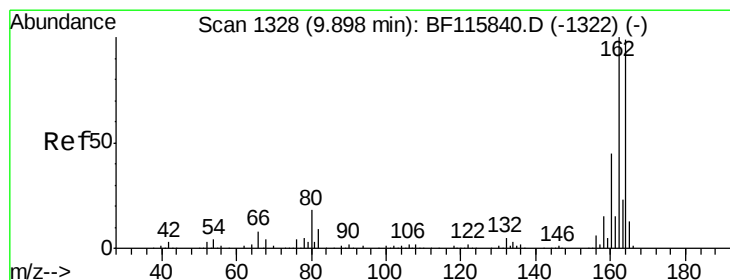
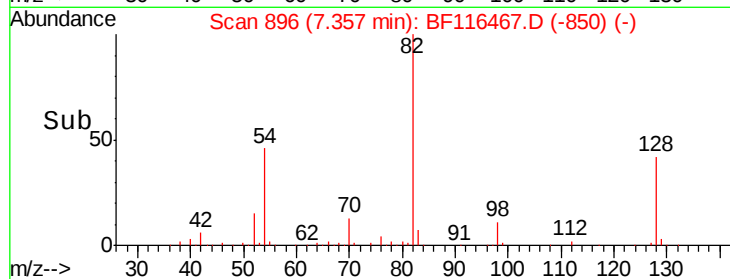
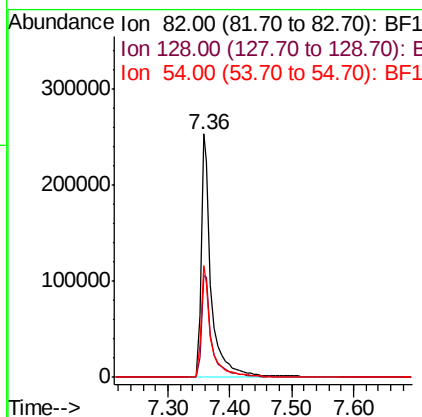
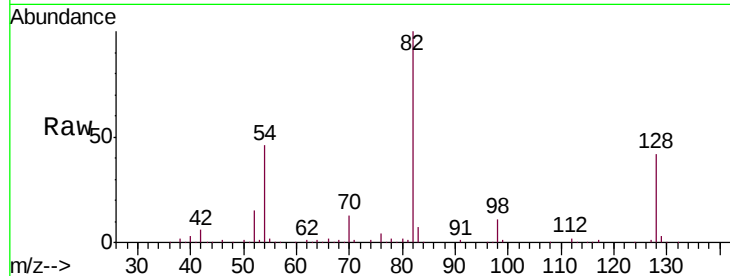
#23
Nitrobenzene-d5
Concen: 35.261 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.03 min
Lab File: BF116467.D
Acq: 21 Aug 2019 16:20

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-6-COMPDL

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.5	36.5	54.7	
54	45.7	36.0	54.0	

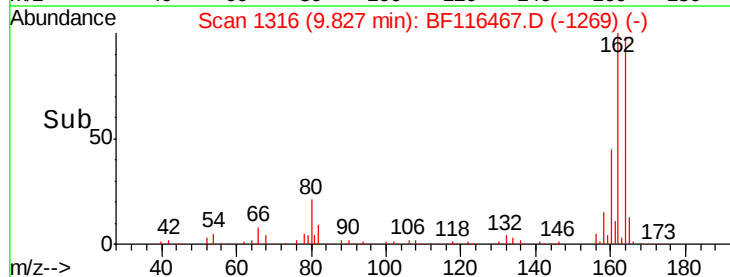
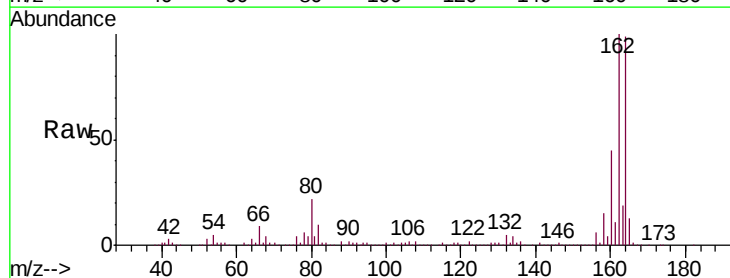
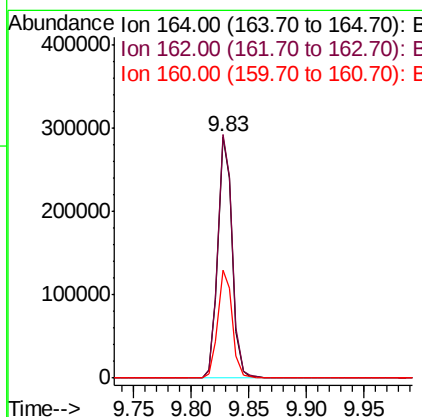
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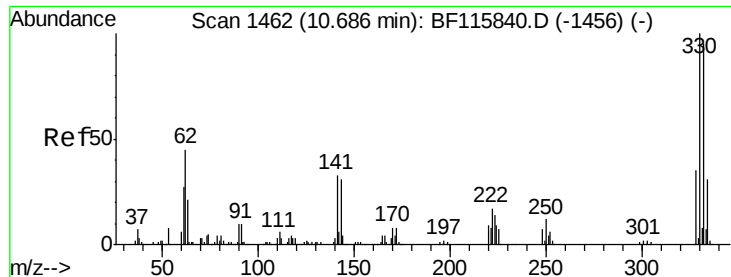
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF116467.D
Acq: 21 Aug 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	82.6	124.0	
160	44.9	37.6	56.4	





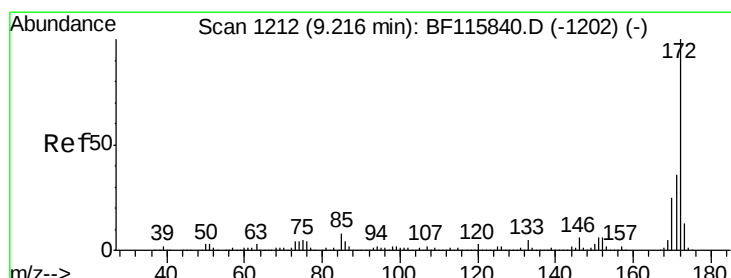
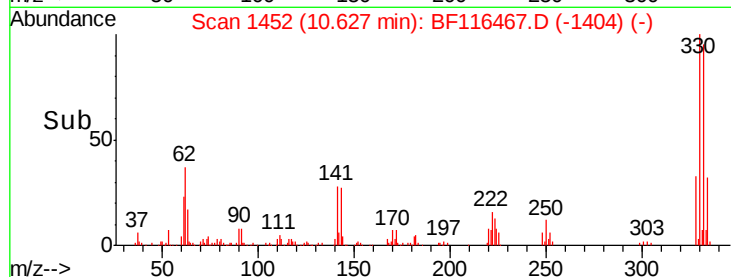
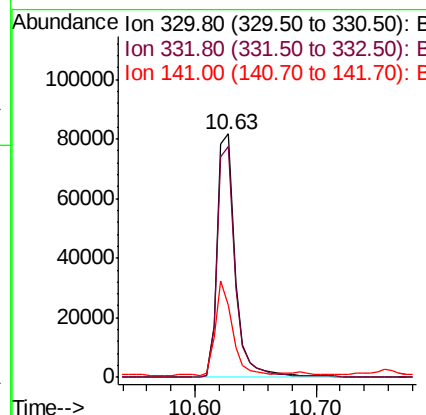
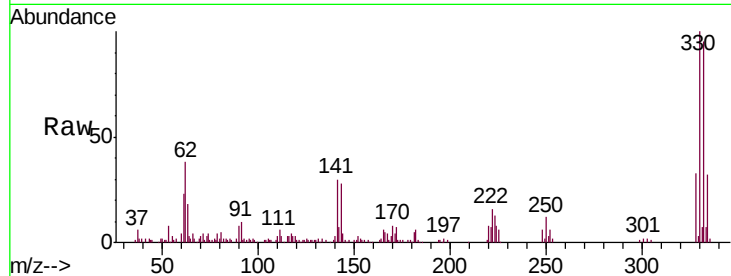
#42
 2,4,6-Tribromophenol
 Concen: 34.812 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116467.D
 Acq: 21 Aug 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SUNSET-PARK-SB-6-COMPDL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.8	115.2
141	36.5	26.3	39.5

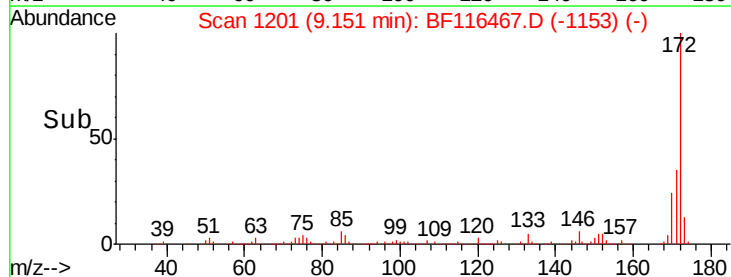
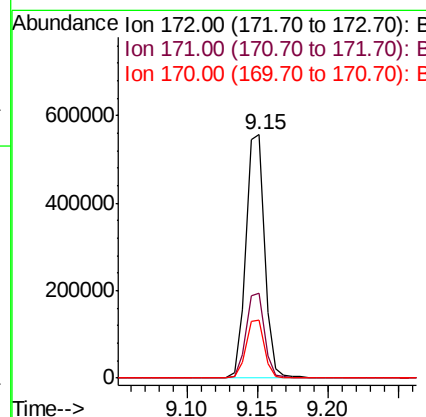
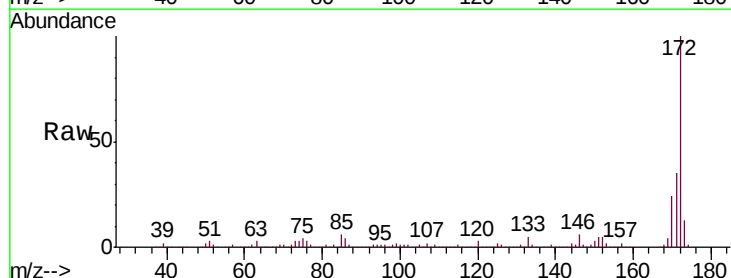
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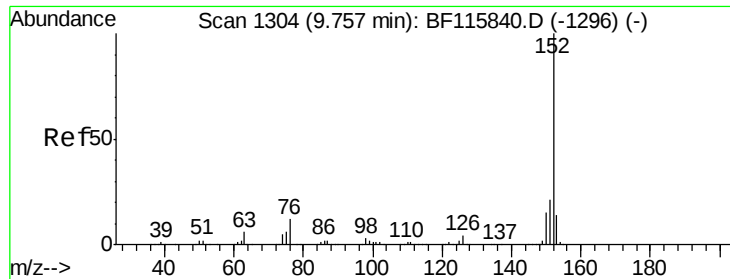
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#45
 2-Fluorobiphenyl
 Concen: 38.779 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF116467.D
 Acq: 21 Aug 2019 16:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.8	20.1	30.1





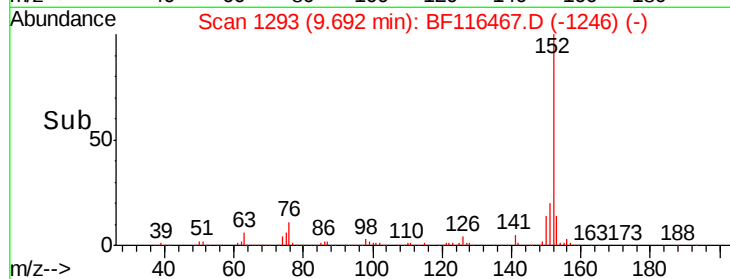
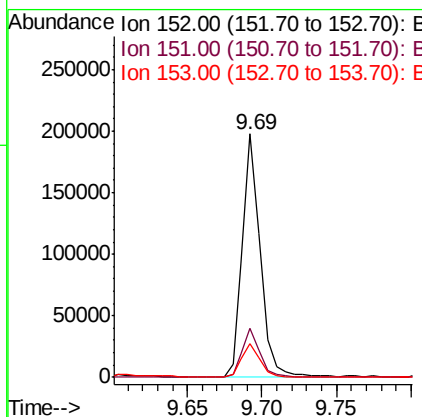
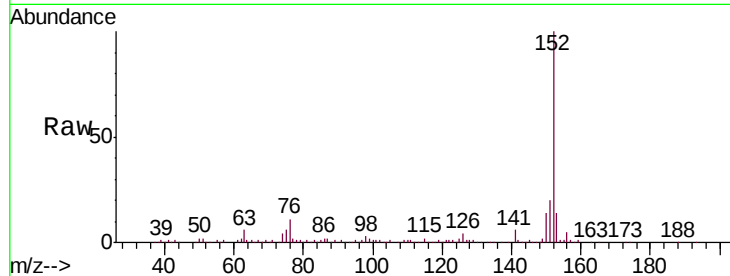
#49
Acenaphthylene
Concen: 7.672 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BF116467.D
Acq: 21 Aug 2019 16:20

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-6-COMPD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		164553		
151	20.3	17.2	25.8		
153	13.8	11.8	17.8		

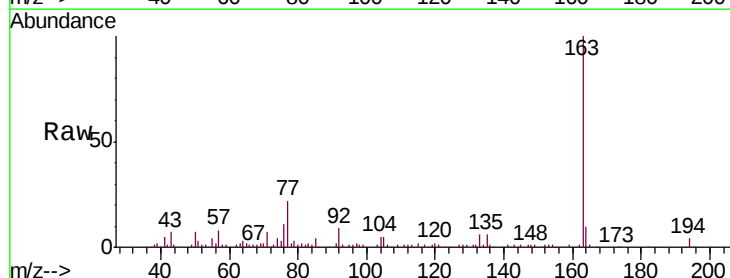
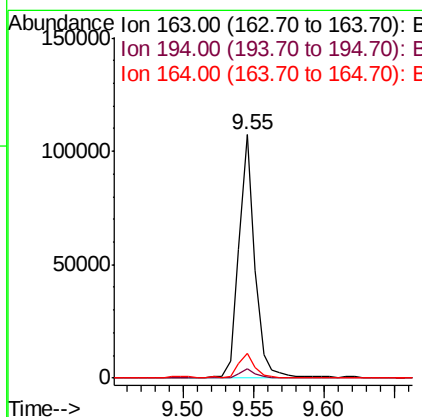
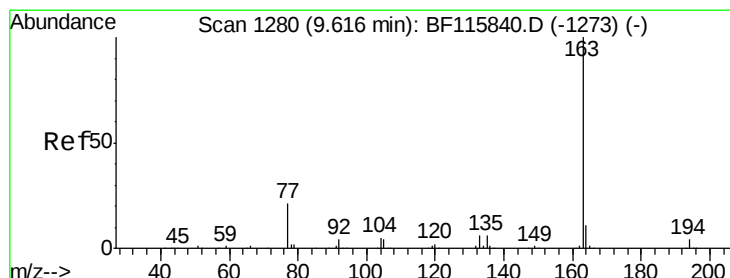
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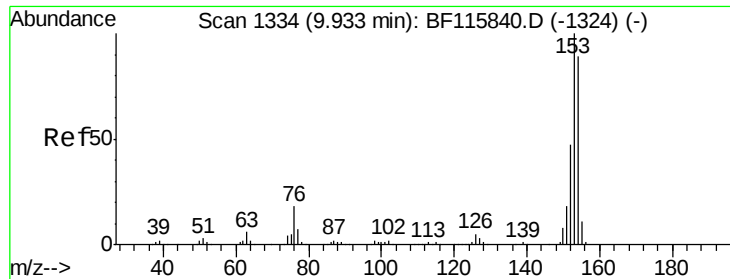
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#50
Dimethylphthalate
Concen: 5.015 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF116467.D
Acq: 21 Aug 2019 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		85435		
194	4.0	3.0	4.6		
164	9.9	8.4	12.6		





#52

Acenaphthene

Concen: 5.020 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF116467.D

Acq: 21 Aug 2019 16:20

Instrument :

BNA_F

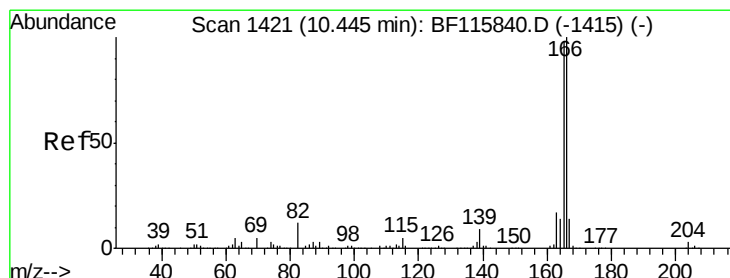
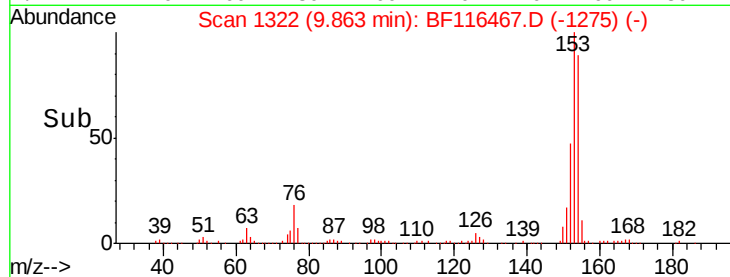
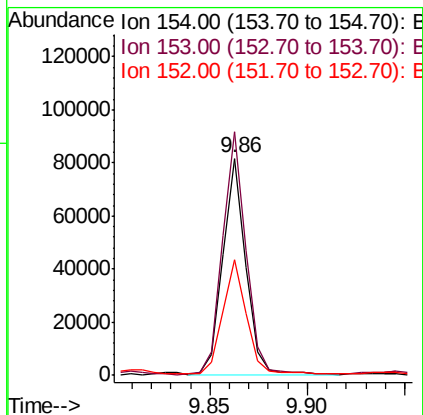
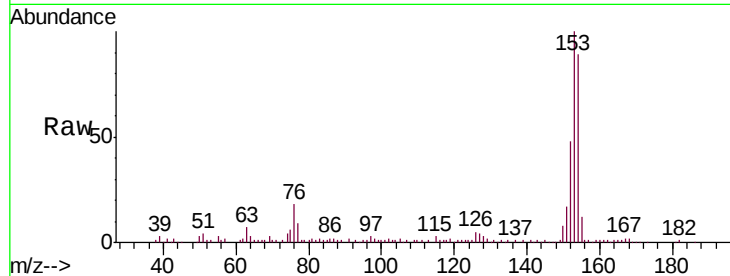
ClientSampleId :

SUNSET-PARK-SB-6-COMPDL

Tot Ion:	154	Resp:	66056
Ion Ratio	Lower	Upper	
154	100		
153	112.1	89.4	134.0
152	53.5	42.3	63.5

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#58

Fluorene

Concen: 2.835 ng

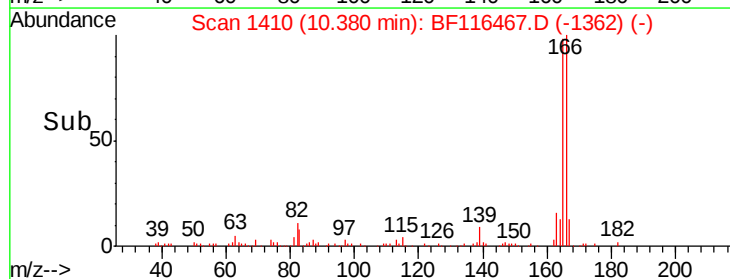
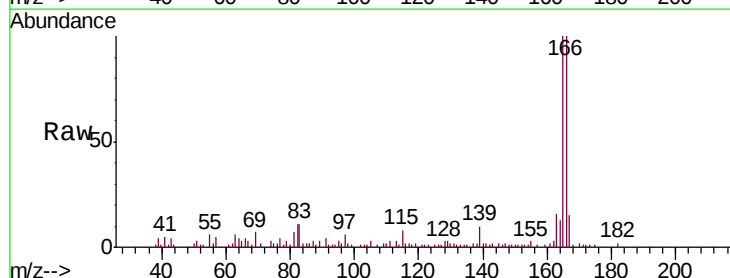
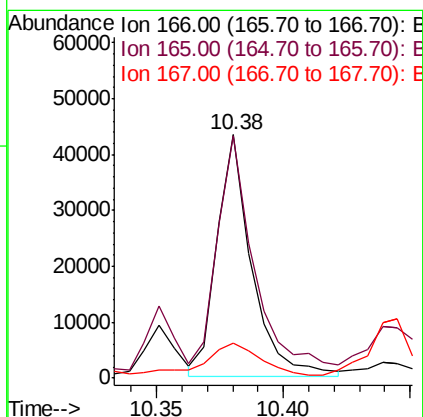
RT: 10.38 min Scan# 1410

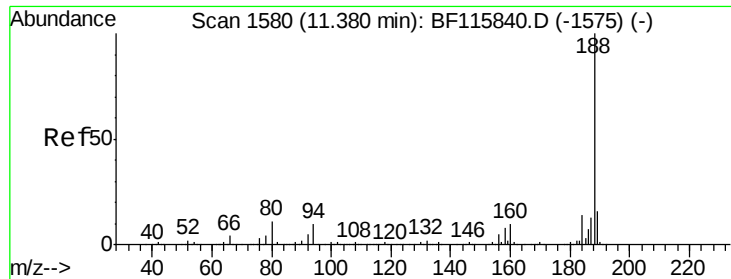
Delta R.T. -0.02 min

Lab File: BF116467.D

Acq: 21 Aug 2019 16:20

Tgt Ion:	166	Resp:	41735
Ion Ratio	Lower	Upper	
166	100		
165	99.5	78.4	117.6
167	14.6	11.0	16.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF116467.D

Acq: 21 Aug 2019 16:20

Instrument :

BNA_F

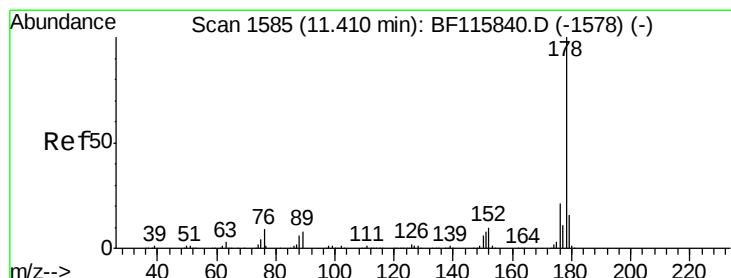
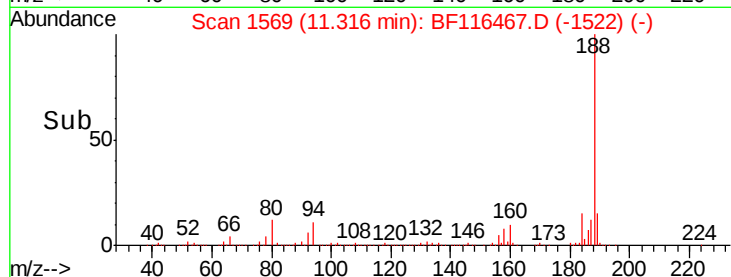
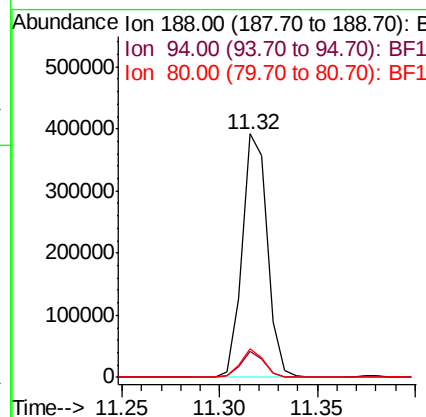
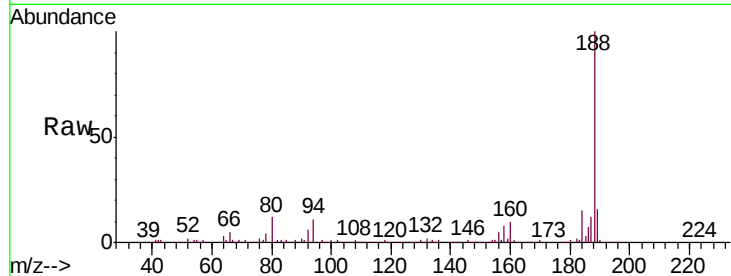
ClientSampleId :

SUNSET-PARK-SB-6-COMPDL

Tot Ion:	188	Resp:	350795
Ion Ratio	Lower	Upper	
188	100		
94	10.9	8.1	12.1
80	11.7	8.7	13.1

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#71

Phenanthrene

Concen: 11.078 ng

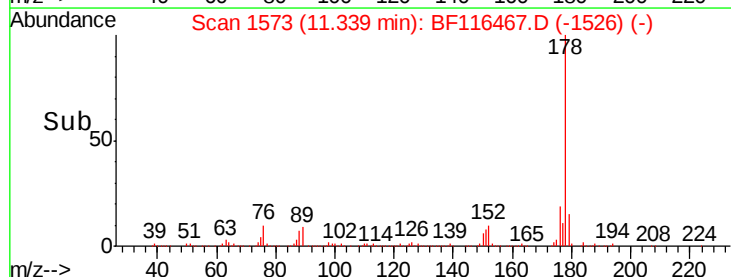
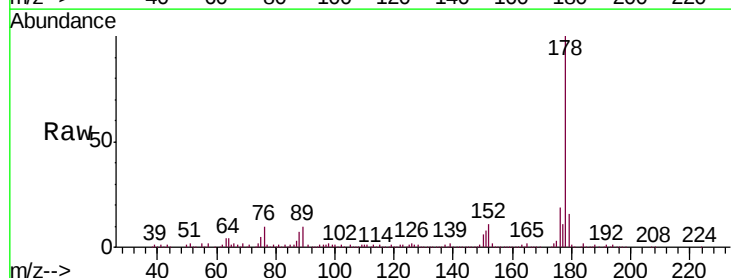
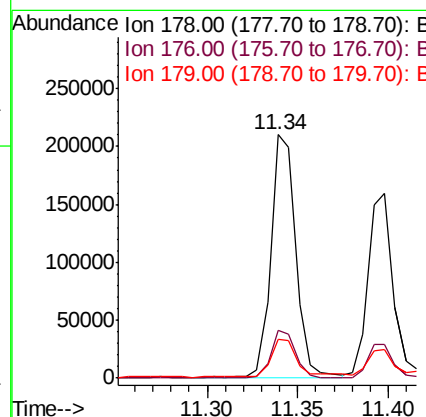
RT: 11.34 min Scan# 1573

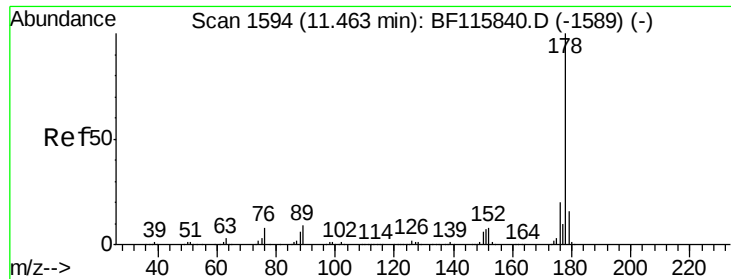
Delta R.T. -0.02 min

Lab File: BF116467.D

Acq: 21 Aug 2019 16:20

Tgt Ion:	178	Resp:	198658
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.6	24.8
179	15.9	12.5	18.7





#72

Anthracene

Concen: 8.451 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF116467.D

Acq: 21 Aug 2019 16:20

Instrument :

BNA_F

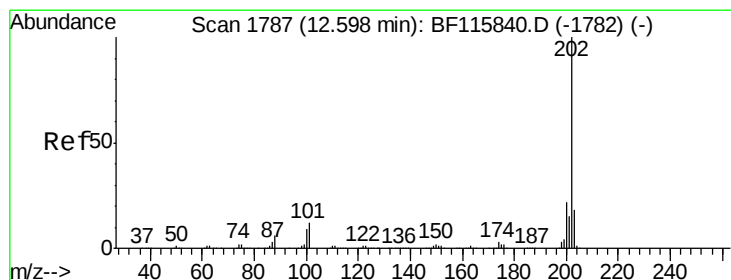
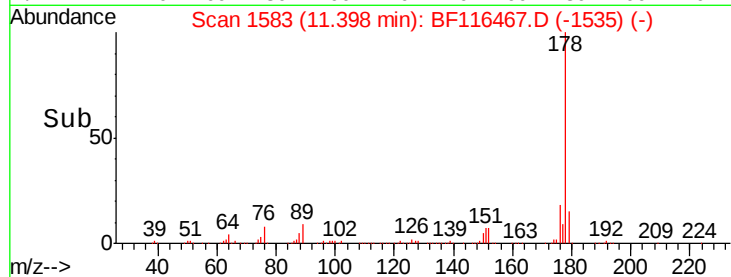
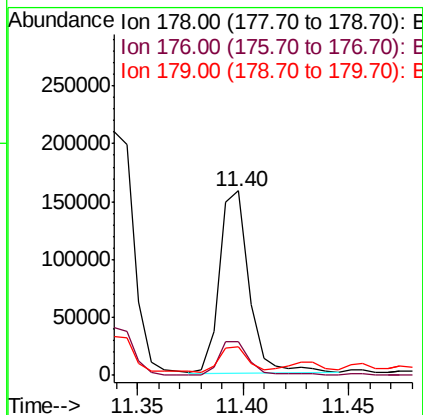
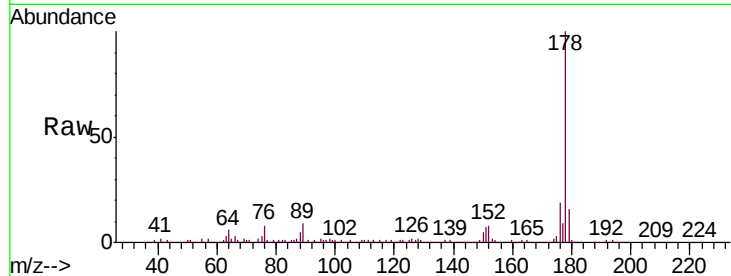
ClientSampleId :

SUNSET-PARK-SB-6-COMPDL

Tot Ion:	178	Resp:	153383
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.7	23.5
179	15.5	13.0	19.6

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#75

Fluoranthene

Concen: 32.289 ng

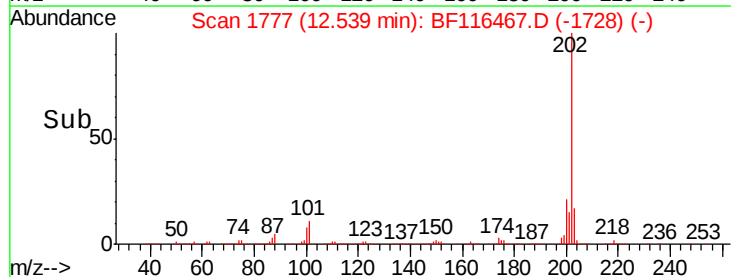
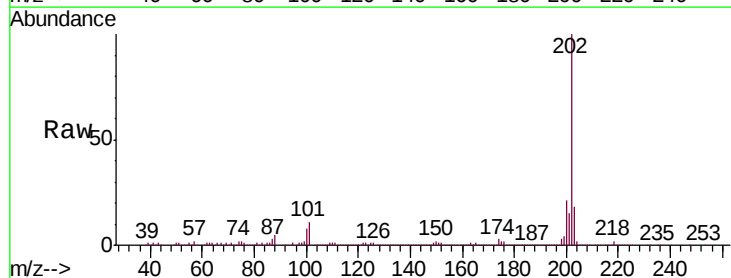
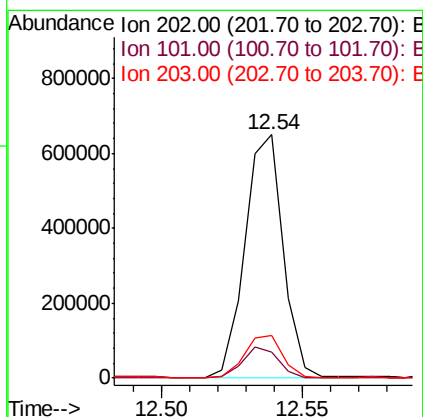
RT: 12.54 min Scan# 1777

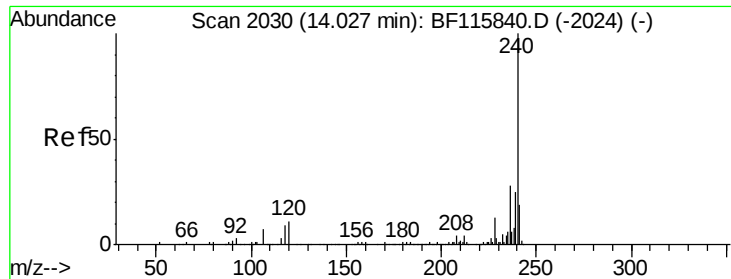
Delta R.T. -0.01 min

Lab File: BF116467.D

Acq: 21 Aug 2019 16:20

Tgt Ion:	202	Resp:	606208
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.2
203	17.6	0.0	37.8





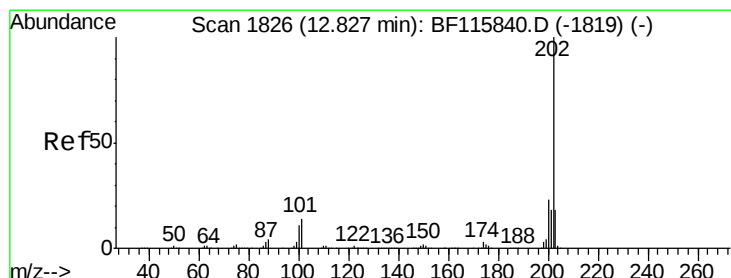
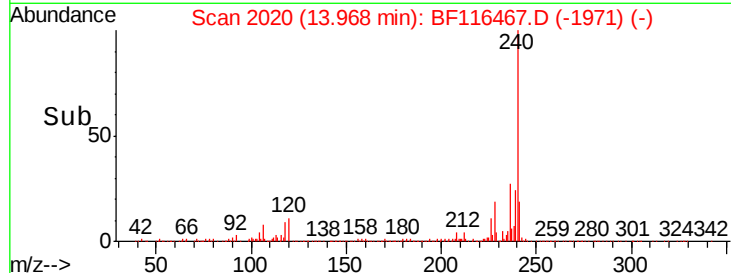
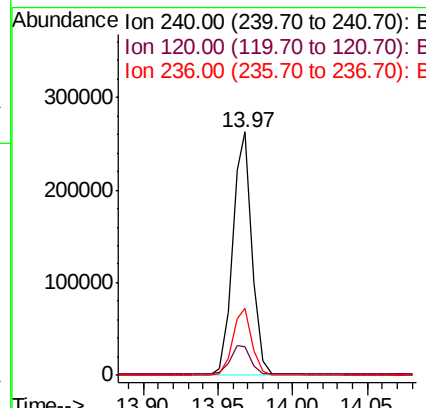
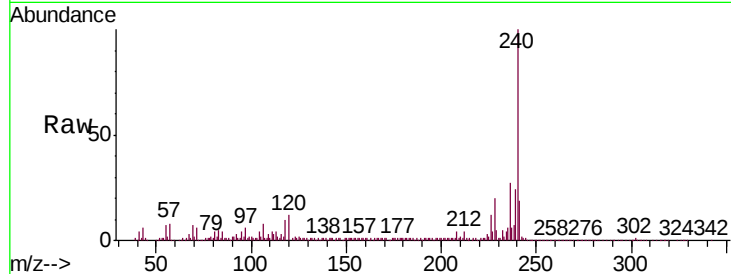
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116467.D
Acq: 21 Aug 2019 16:20

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-6-COMPDL

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.7	16.1
236	27.5	22.2	33.2

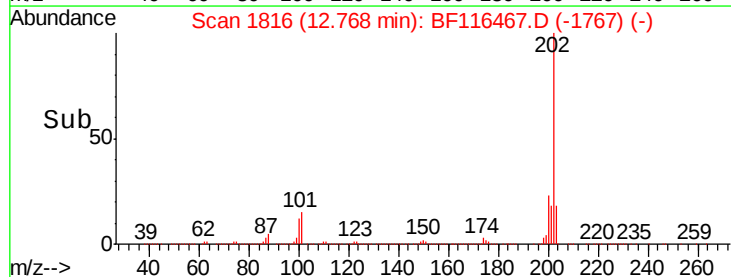
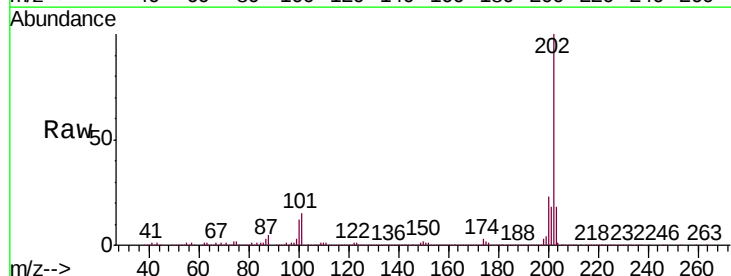
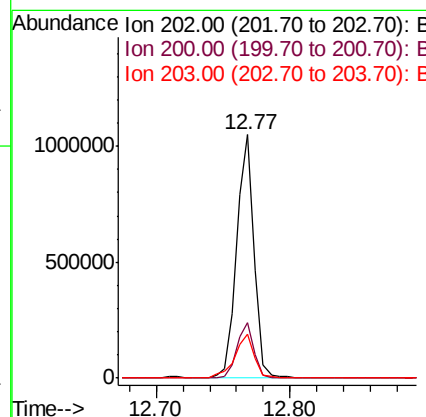
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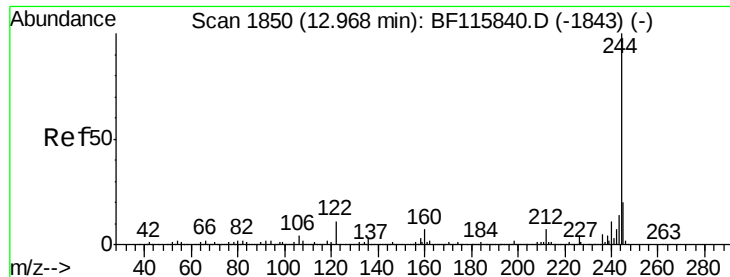
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#78
Pyrene
Concen: 52.726 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116467.D
Acq: 21 Aug 2019 16:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.0	27.0
203	18.0	14.1	21.1





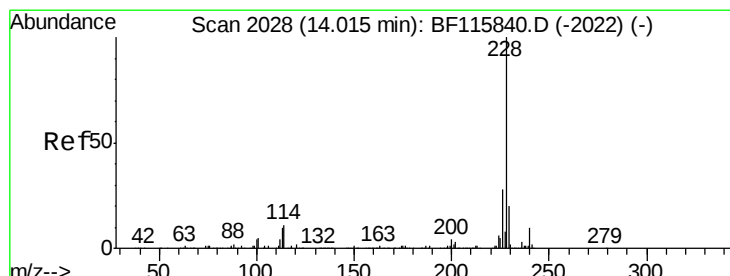
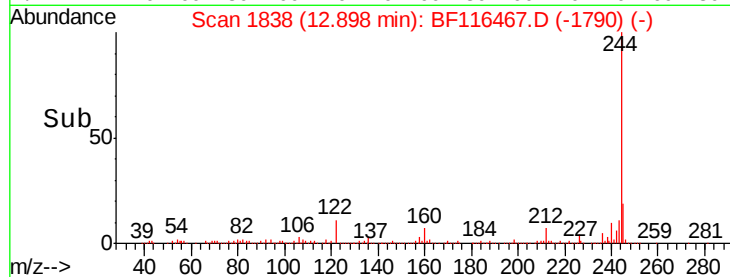
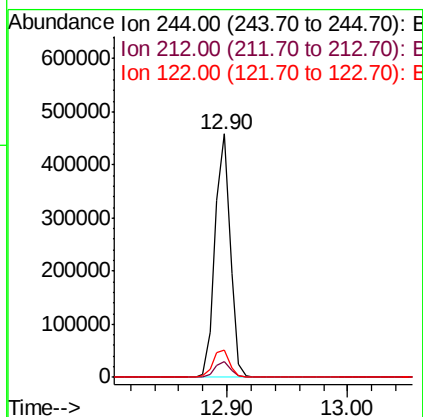
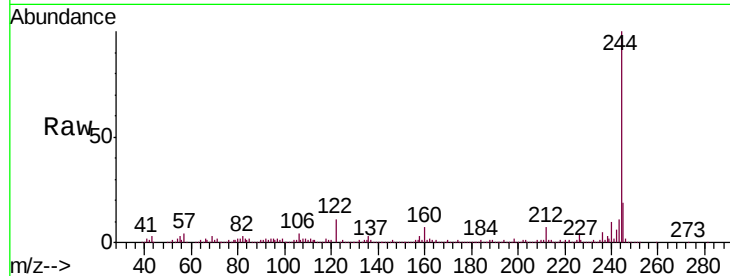
#79
 Terphenyl-d14
 Concen: 34.489 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF116467.D
 Acq: 21 Aug 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SUNSET-PARK-SB-6-COMPD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.0	9.0	13.4

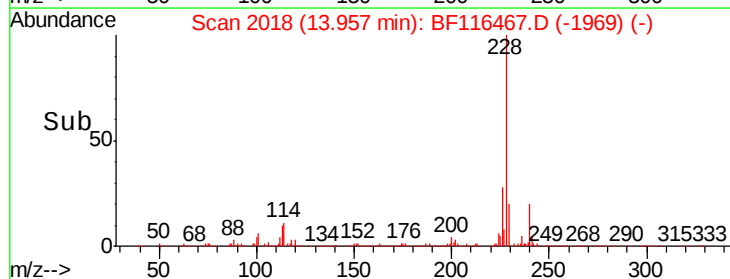
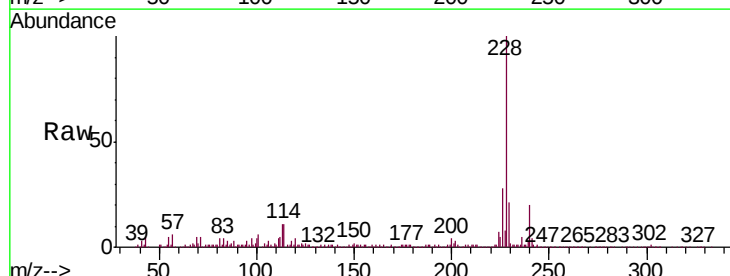
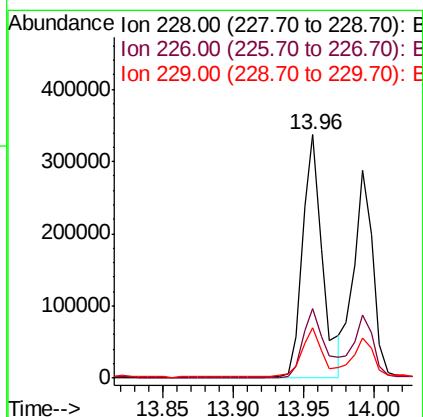
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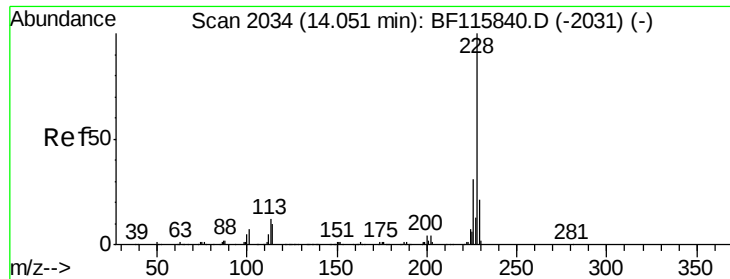
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#81
 Benzo(a)anthracene
 Concen: 21.276 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF116467.D
 Acq: 21 Aug 2019 16:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.9	16.2	24.4





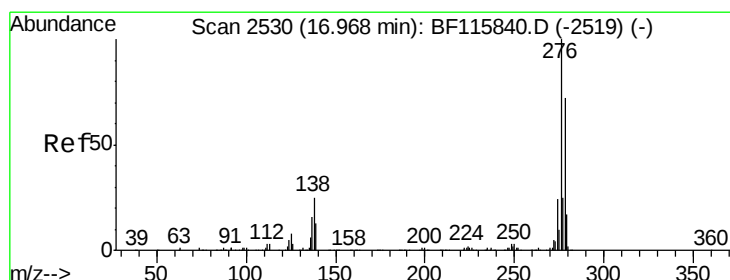
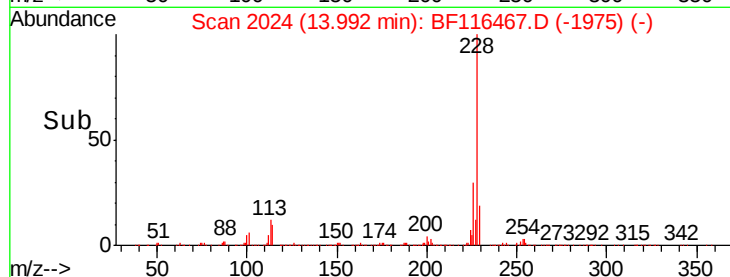
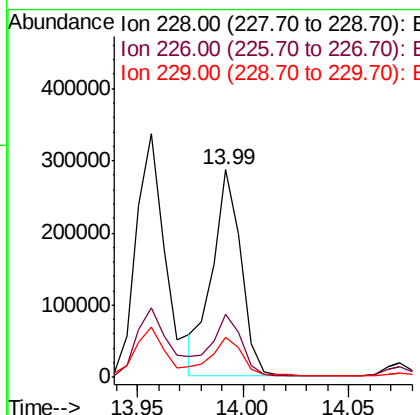
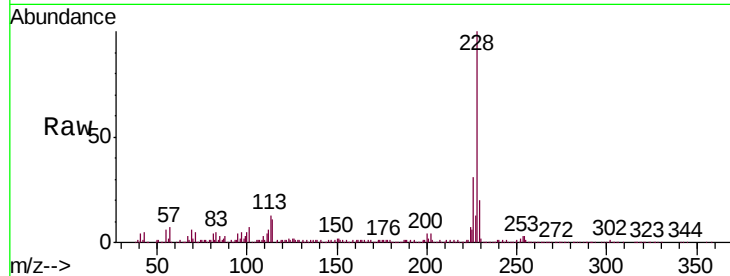
#83
Chrysene
Concen: 18.160 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116467.D
Acq: 21 Aug 2019 16:20

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-6-COMPDL

Tot Ion:	228	Resp:	270799
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.5	38.3
229	19.6	16.6	24.8

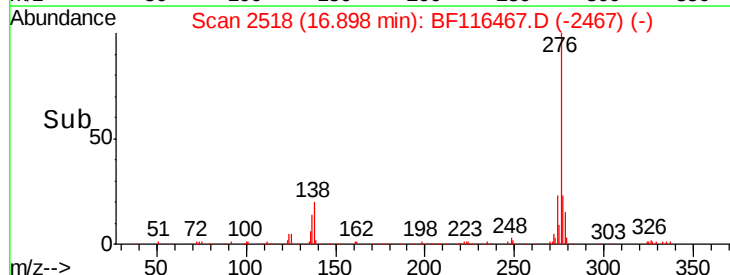
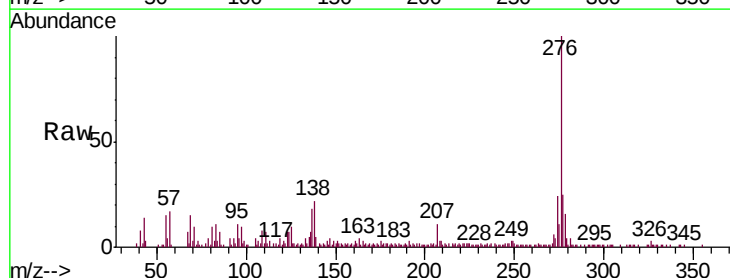
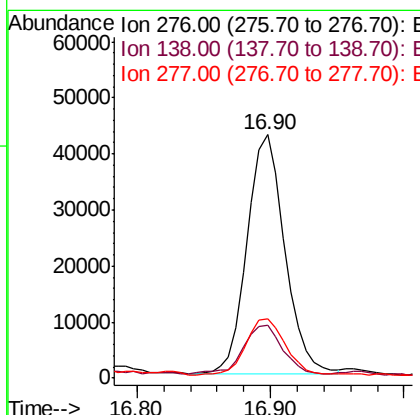
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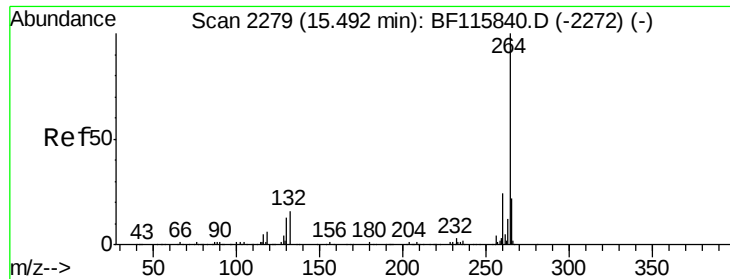
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#86
Indeno(1,2,3-cd)pyrene
Concen: 6.717 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BF116467.D
Acq: 21 Aug 2019 16:20

Tgt Ion:	276	Resp:	84126
Ion Ratio	Lower	Upper	
276	100		
138	21.6	20.4	30.6
277	24.3	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF116467.D

Acq: 21 Aug 2019 16:20

Instrument :

BNA_F

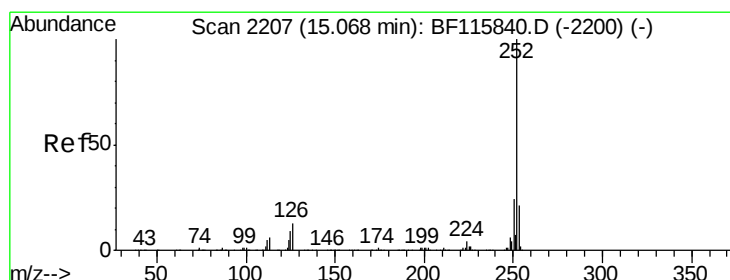
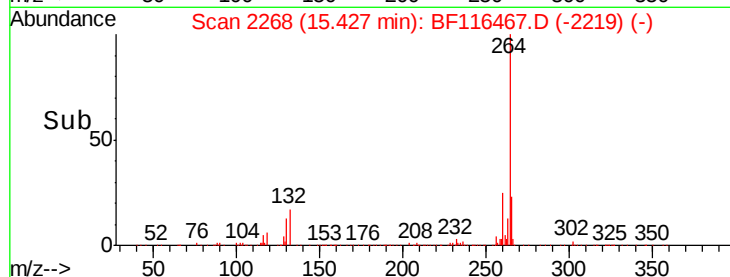
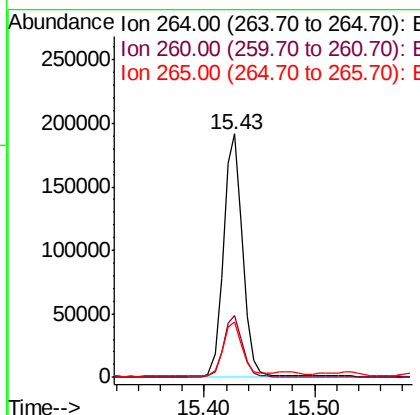
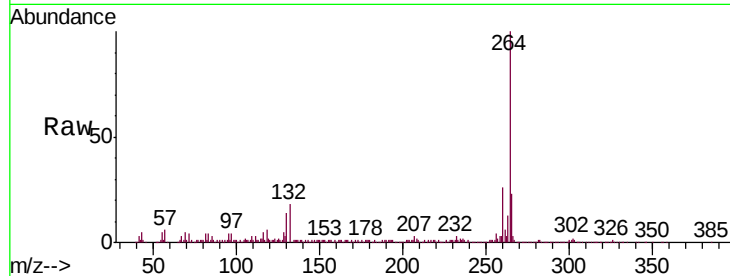
ClientSampleId :

SUNSET-PARK-SB-6-COMPDL

Tot Ion:	264	Resp:	231144
Ion Ratio	Lower	Upper	
264	100		
260	25.5	19.7	29.5
265	23.0	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 20.144 ng m

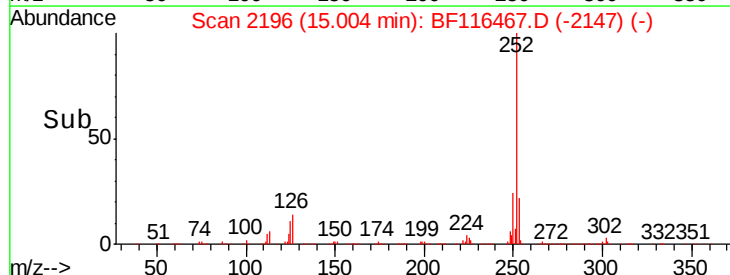
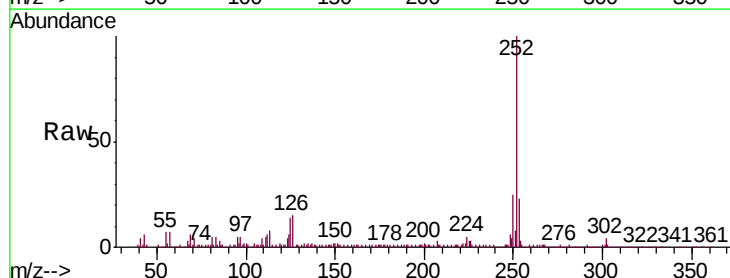
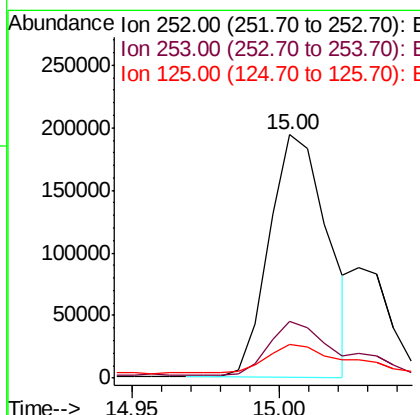
RT: 15.00 min Scan# 2196

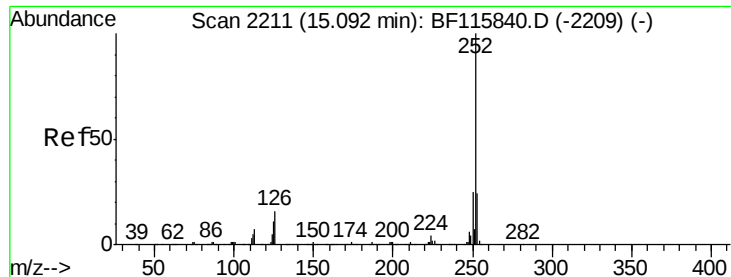
Delta R.T. -0.01 min

Lab File: BF116467.D

Acq: 21 Aug 2019 16:20

Tgt Ion:	252	Resp:	269229
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.8
125	13.8	8.4	12.6#





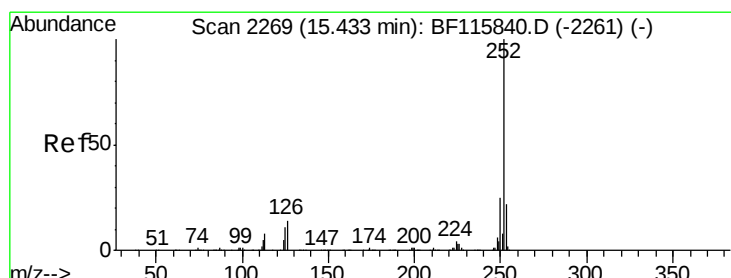
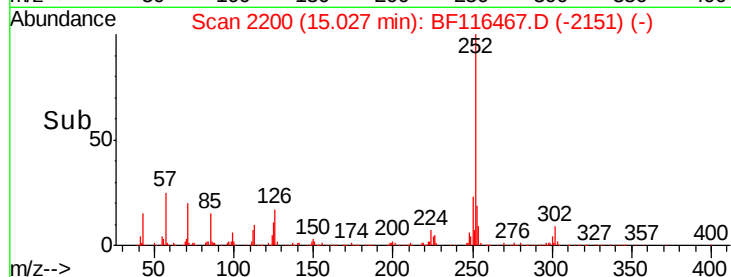
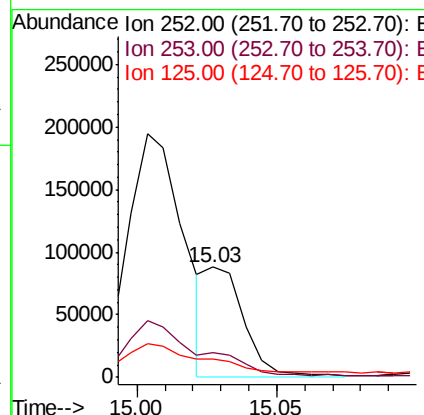
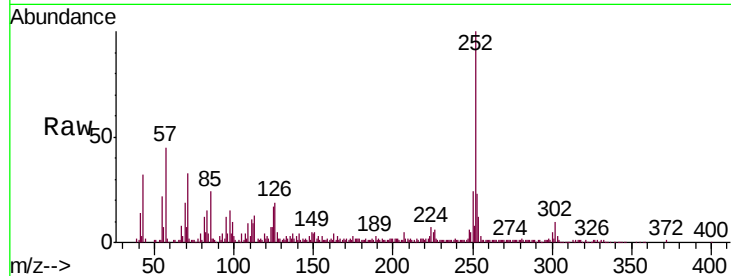
#89
Benzo(k)fluoranthene
Concen: 6.470 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116467.D
Acq: 21 Aug 2019 16:20

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-6-COMPDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	16.7	7.7	11.5

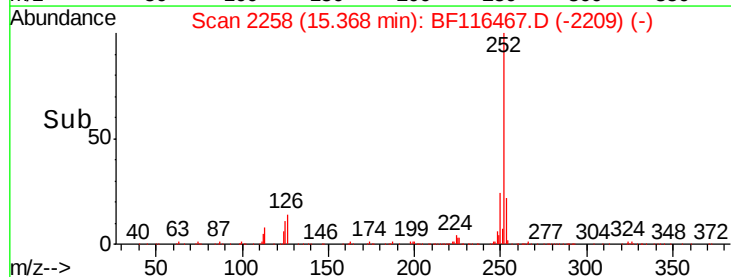
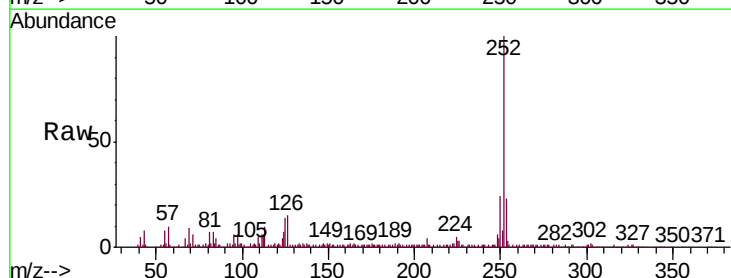
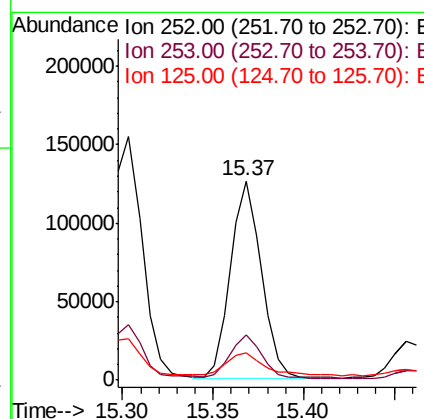
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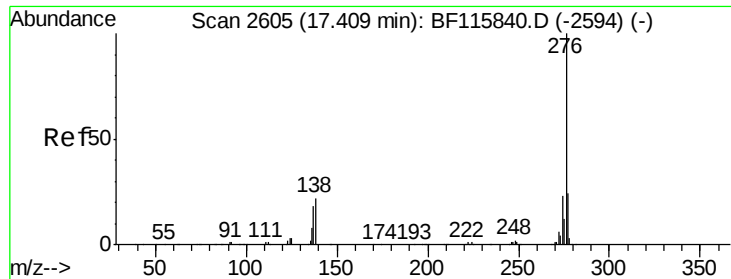
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#90
Benzo(a)pyrene
Concen: 12.634 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF116467.D
Acq: 21 Aug 2019 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.6	8.9	13.3





#92
 Benzo(a,h,i)perylene
 Concen: 10.359 ng
 RT: 17.34 min Scan# 2593
 Delta R.T. 0.00 min
 Lab File: BF116467.D
 Acq: 21 Aug 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SUNSET-PARK-SB-6-COMPDL

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	22.6	17.0	25.6

Manual Integrations
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