

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112286.D
 Acq On : 28 Jan 2019 20:34
 Operator : JU/SJ
 Sample : K1261-01 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EL-EAST-OF-JDHS

Manual Integrations
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 1/29/2019 9:35:24 AM

Quant Time: Jan 29 00:20:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	206228	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	789072	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	364878	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	606239	20.00	ng	0.00
76) Chrysene-d12	14.00	240	432802	20.00	ng	0.00
87) Perylene-d12	15.47	264	427169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	606052	62.42	ng	-0.01
7) Phenol-d6	6.48	99	749148	55.53	ng	-0.01
23) Nitrobenzene-d5	7.40	82	453685	33.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	182016	42.86	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	766807	29.72	ng	-0.01
79) Terphenyl-d14	12.94	244	507257	22.07	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	67748	4.577	ng	Qvalue # 73
50) Dimethylphthalate	9.59	163	66801	2.356	ng	98
71) Phenanthrene	11.39	178	158348	5.024	ng	95
75) Fluoranthene	12.57	202	264491	7.824	ng	99
78) Pyrene	12.80	202	217124	7.246	ng	97
81) Benzo(a)anthracene	13.99	228	114110	4.485	ng	96
83) Chrysene	14.03	228	88116	3.628	ng	96
86) Indeno(1,2,3-cd)pyrene	16.94	276	51753	2.689	ng	94
88) Benzo(b)fluoranthene	15.04	252	130629m	5.113	ng	
89) Benzo(k)fluoranthene	15.06	252	49818m	2.036	ng	
90) Benzo(a)pyrene	15.40	252	94443	4.109	ng	# 94
92) Benzo(a,h,i)perylene	17.39	276	49887	2.854	ng	96

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

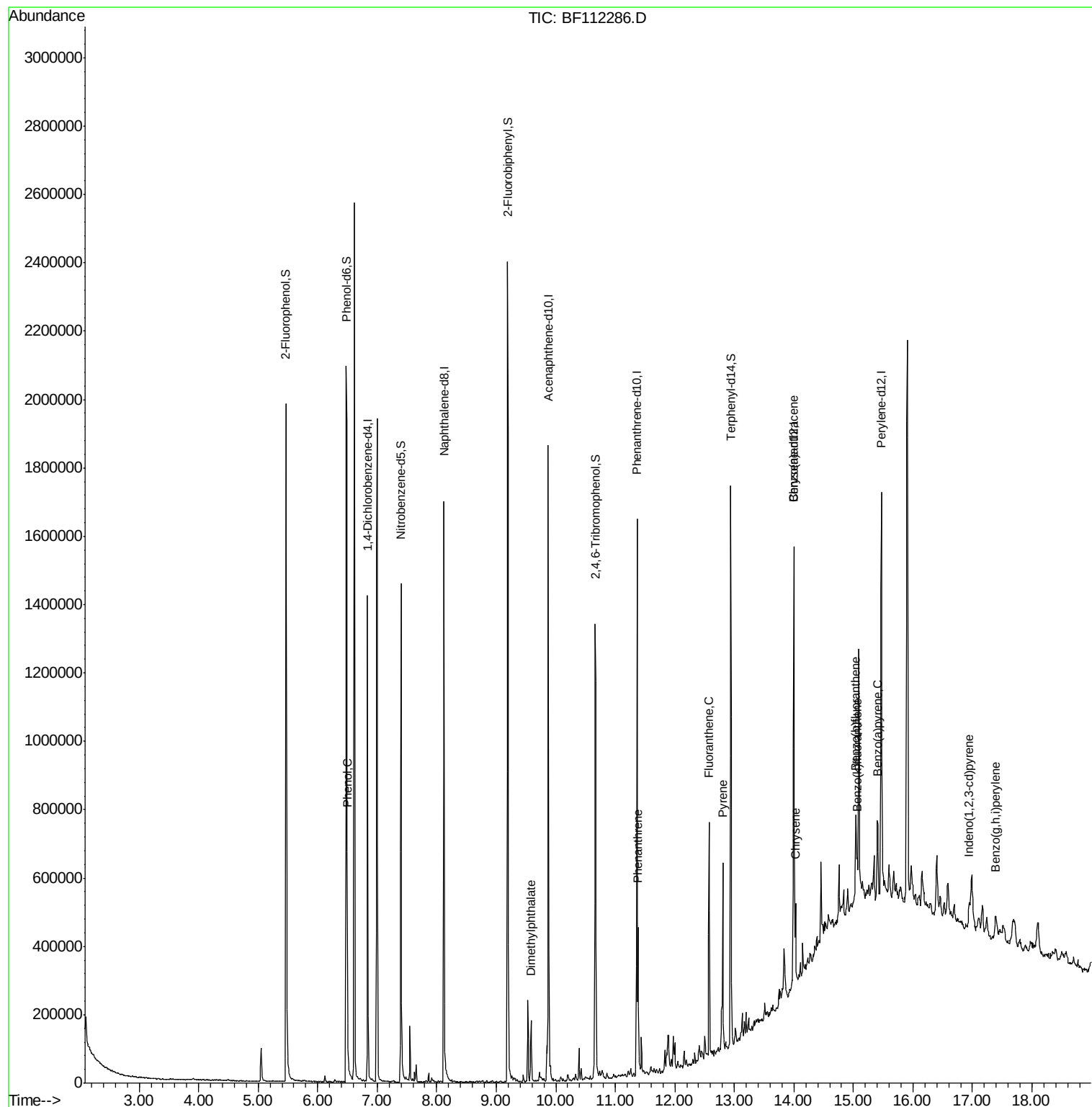
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

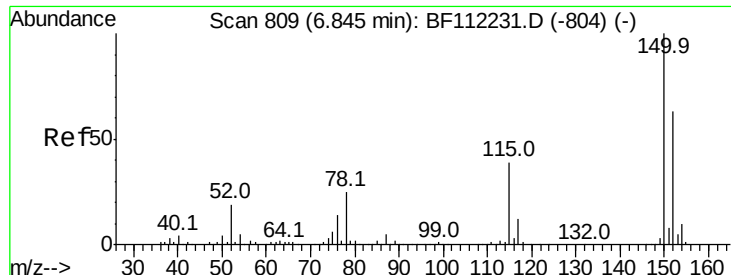
Instrument :
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#1

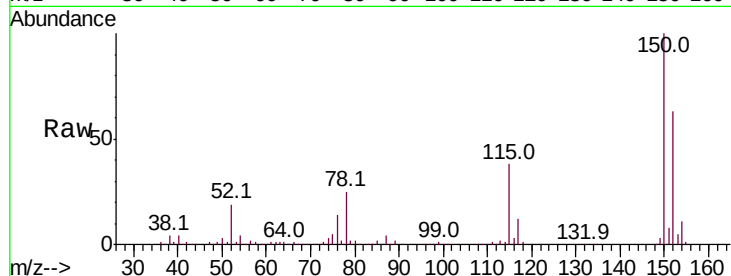
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	127.4	191.0
115	60.2	45.5	68.3

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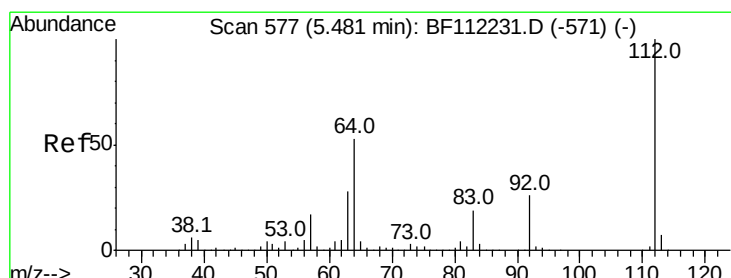
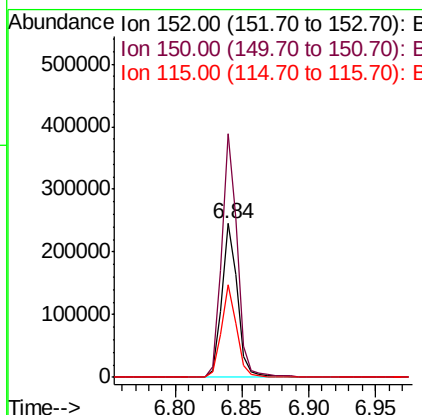
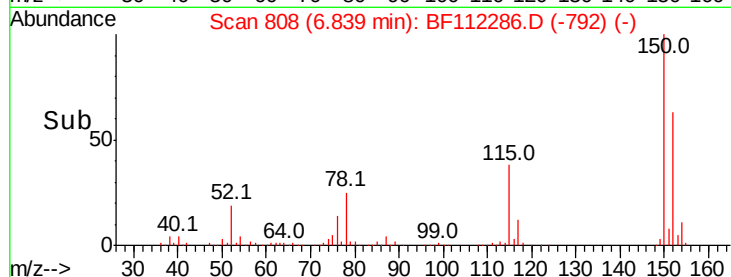


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

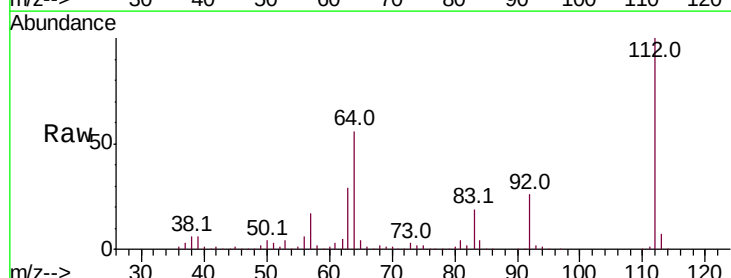
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 62.421 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.7	68.5
63	29.4	23.6	35.4

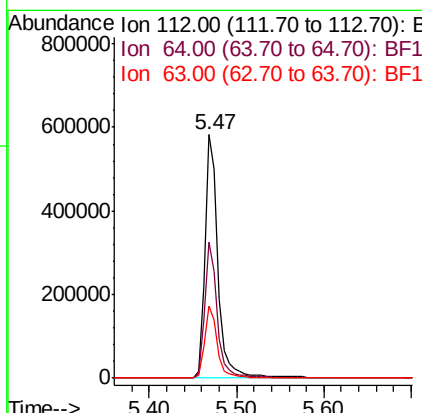
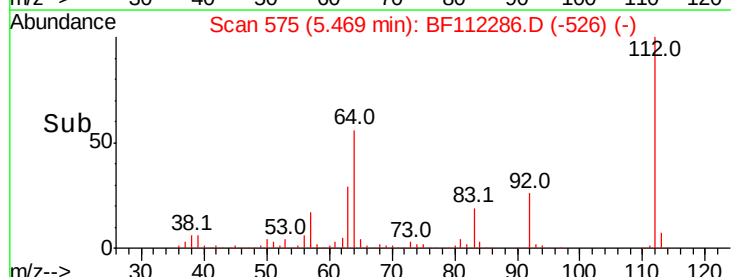


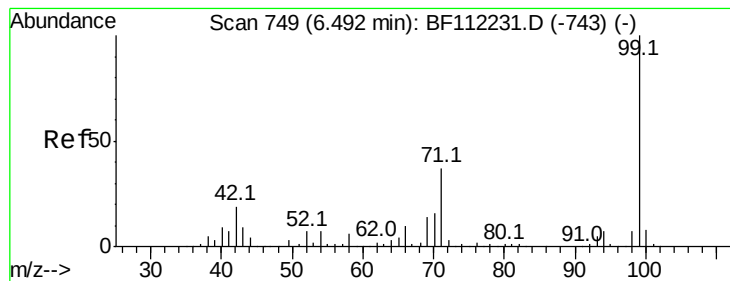
Abundance

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: 55.528 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112286.D

Acq: 28 Jan 2019 20:34

Instrument :

BNA_F

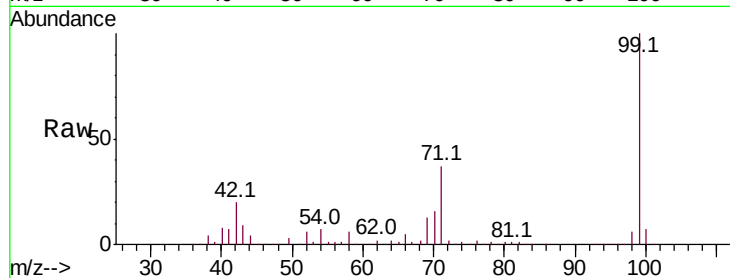
ClientSampleId :

EL-EAST-OF-JDHS

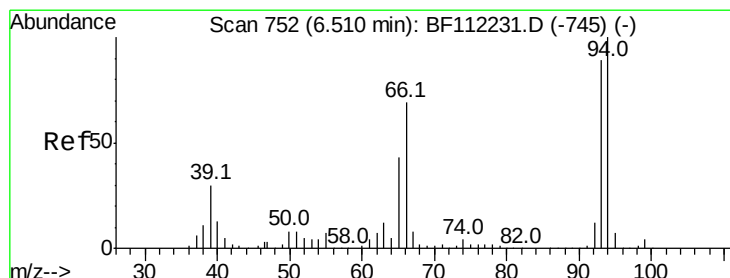
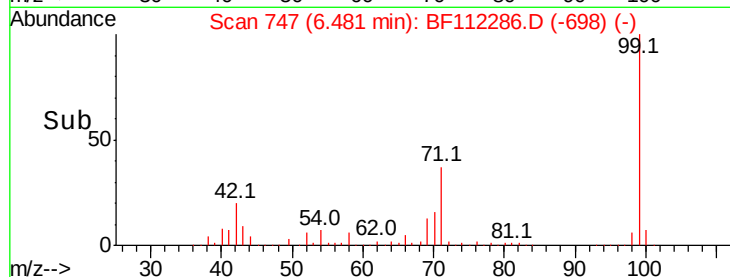
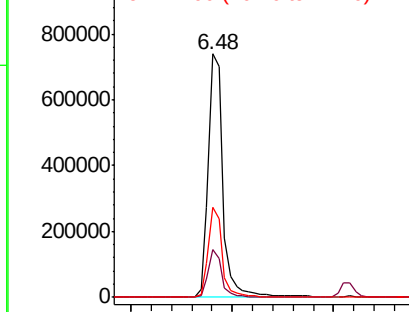
Tot Ion:	99	Resp:	749148
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.1	22.7
71	36.9	26.9	40.3

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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: 4.577 ng

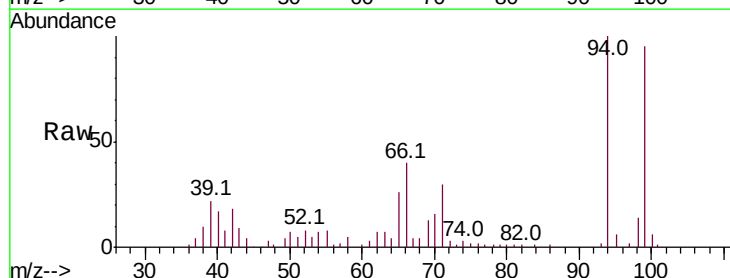
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

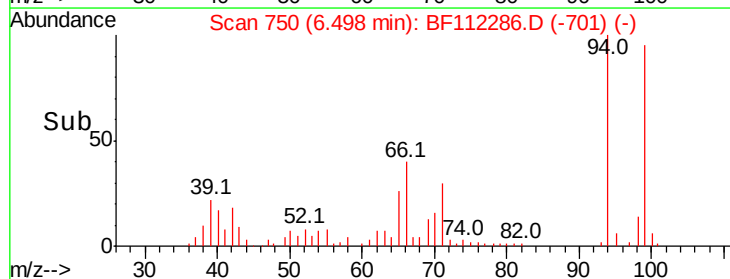
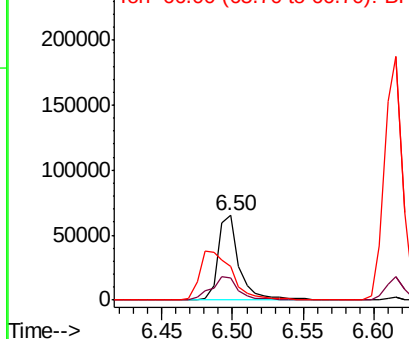
Lab File: BF112286.D

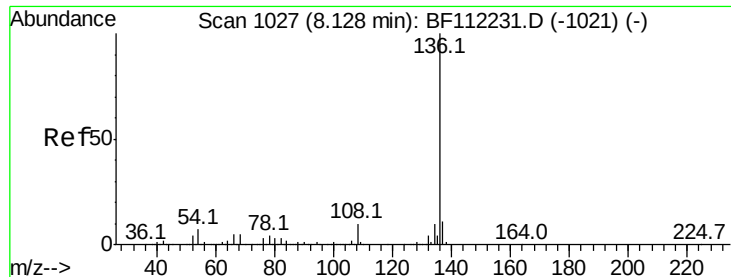
Acq: 28 Jan 2019 20:34

Tgt Ion:	94	Resp:	67748
Ion	Ratio	Lower	Upper
94	100		
65	26.0	20.3	60.3
66	40.0	42.4	82.4#



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





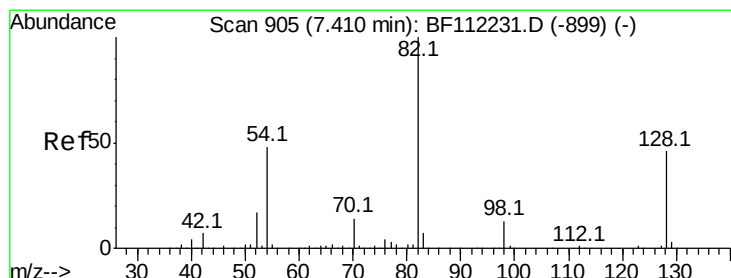
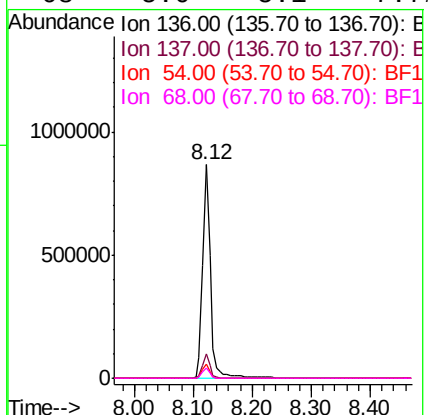
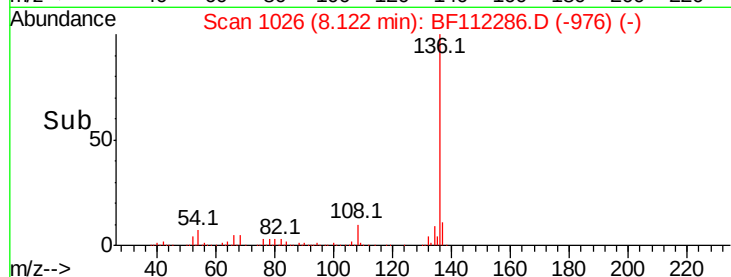
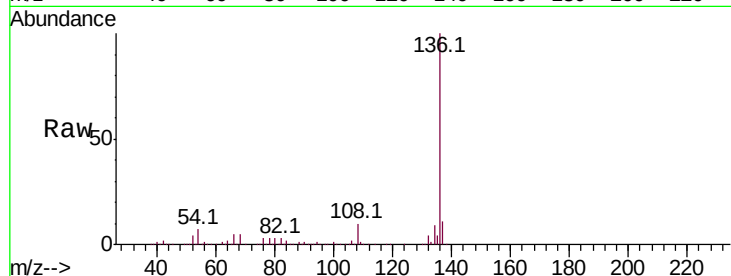
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.1	13.7	
54	6.5	5.9	8.9	
68	5.0	5.1	7.7	

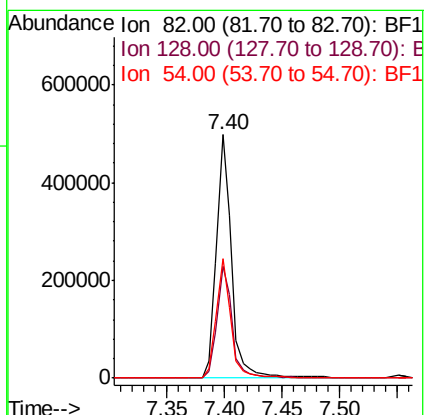
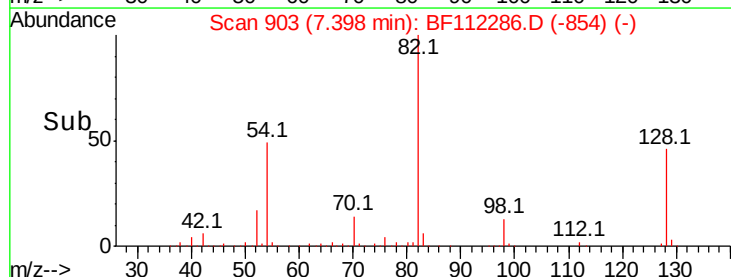
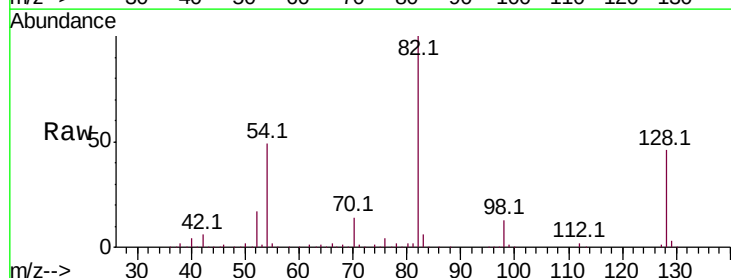
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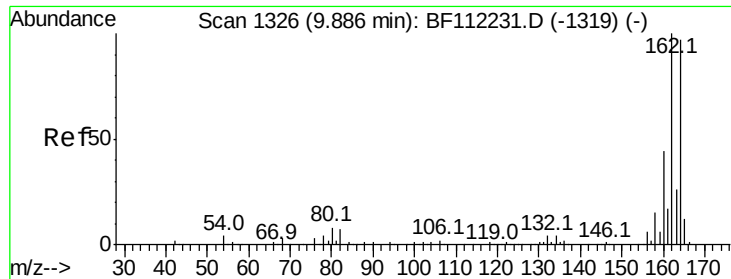
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#23
Nitrobenzene-d5
Concen: 33.129 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	37.8	56.8	
54	49.1	39.7	59.5	





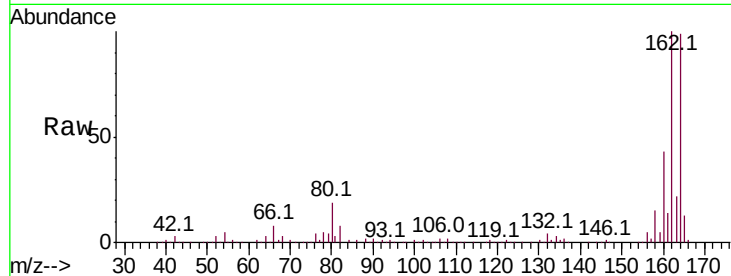
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.2	123.4
160	44.1	36.2	54.4

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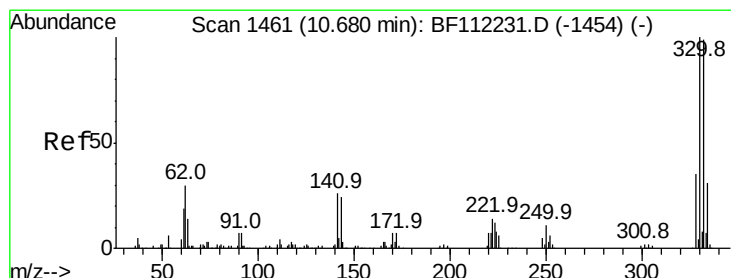
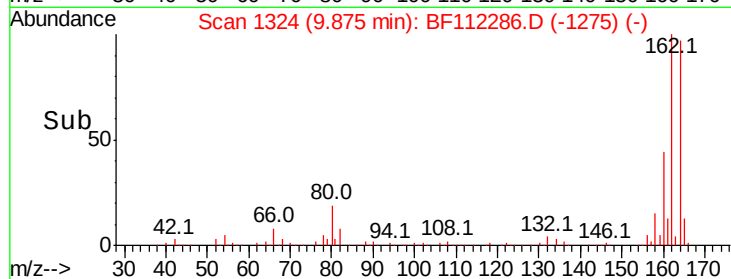
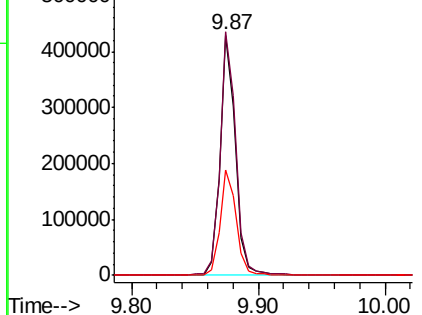


Abundance

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



#42
2,4,6-Tribromophenol
Concen: 42.857 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

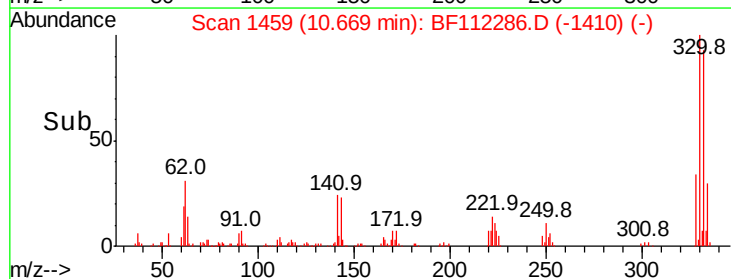
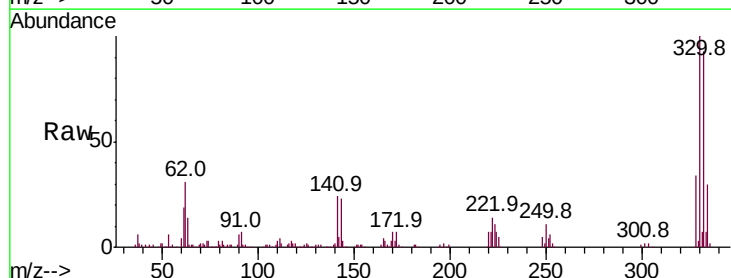
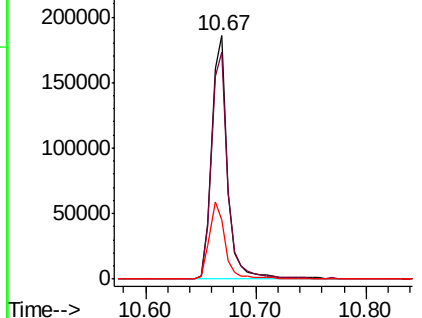
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	32.0	24.3	36.5

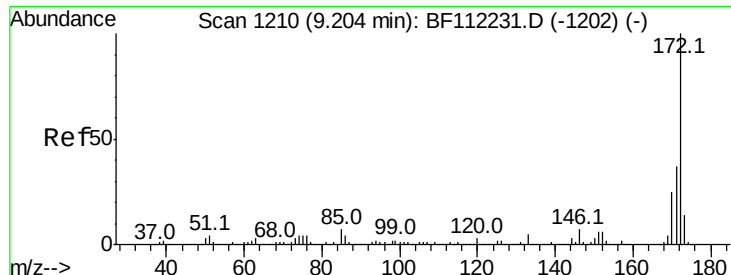
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





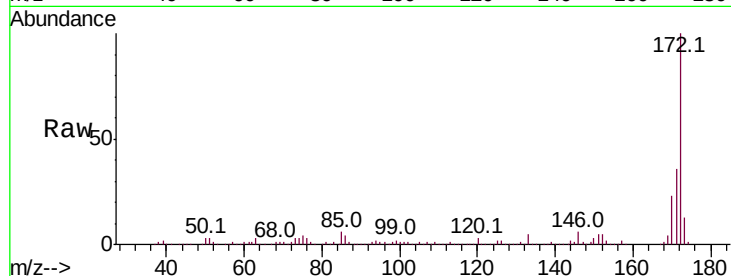
#45
2-Fluorobiphenyl
Concen: 29.723 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

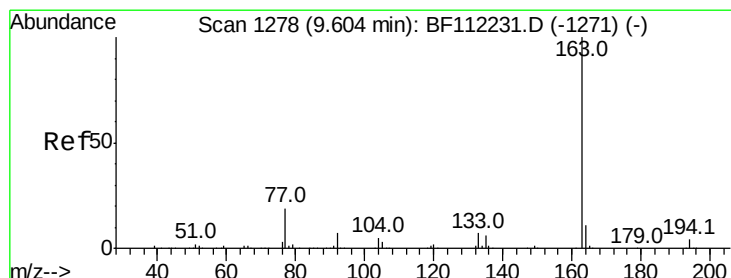
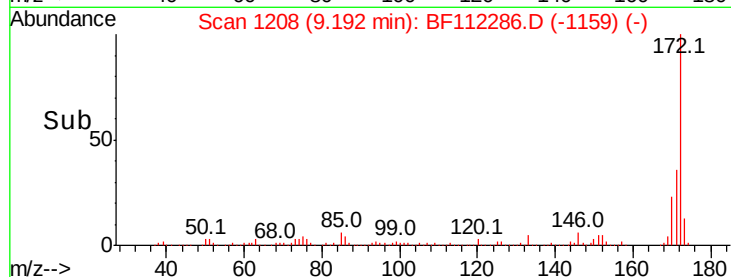
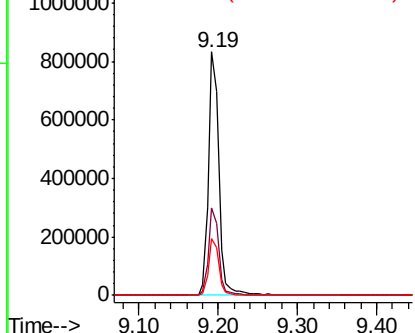
Tot Ion	Ratio	Resp	Lower	Upper
172	100	766807		
171	35.7		30.5	45.7
170	23.1		20.2	30.4

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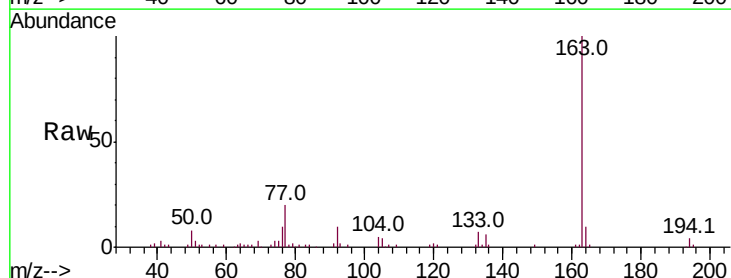


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

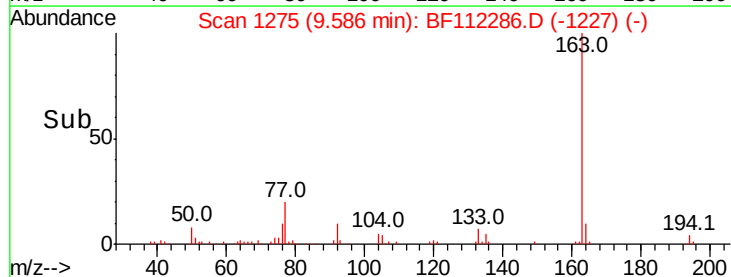
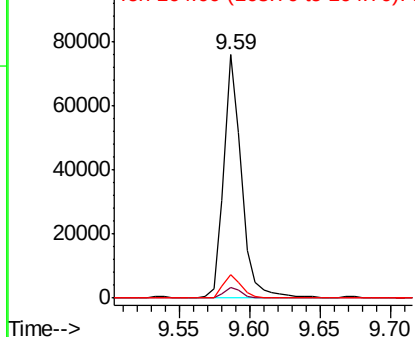


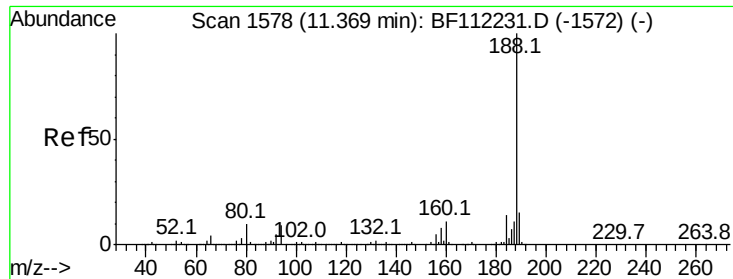
#50
Dimethylphthalate
Concen: 2.356 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	66801		
194	4.3		3.3	4.9
164	9.6		8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





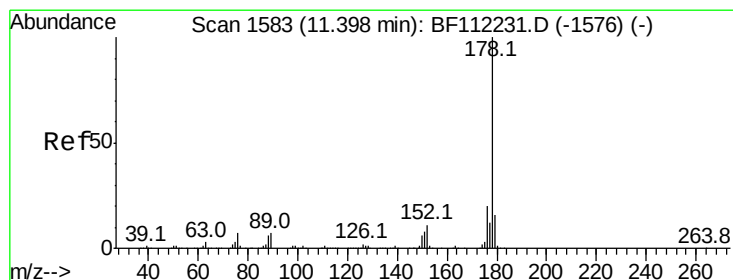
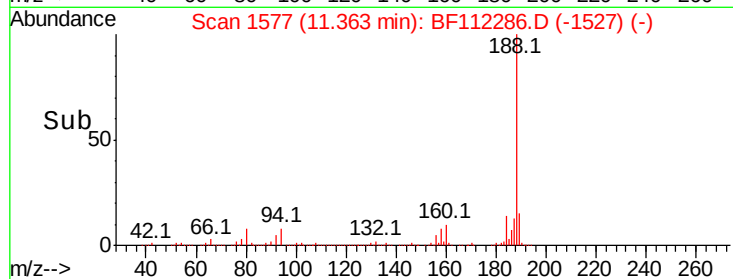
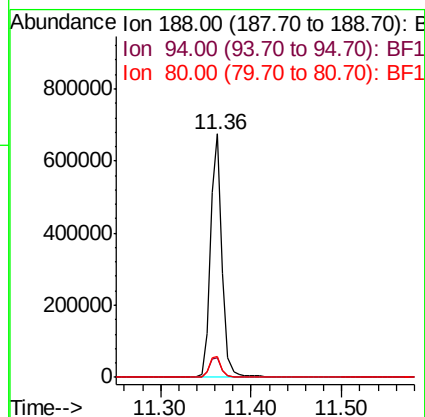
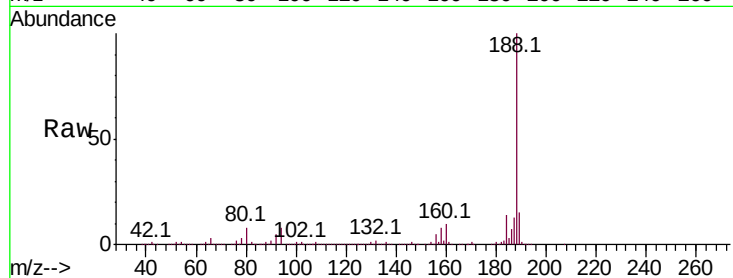
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.3	8.9	13.3#

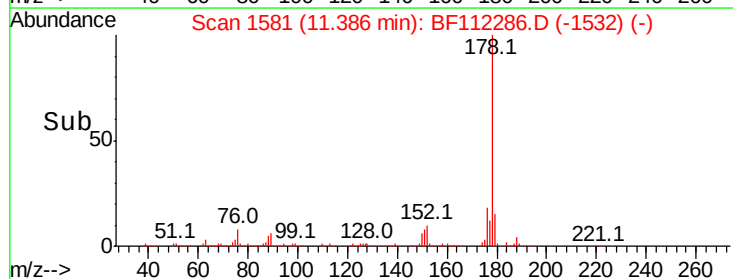
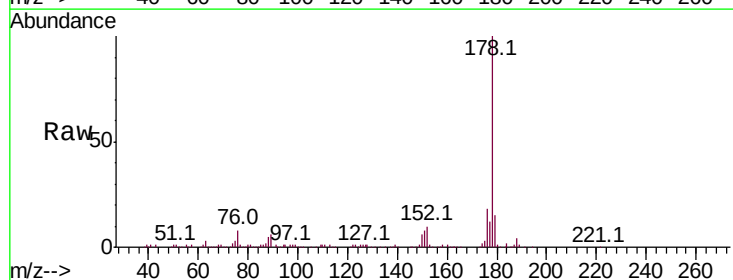
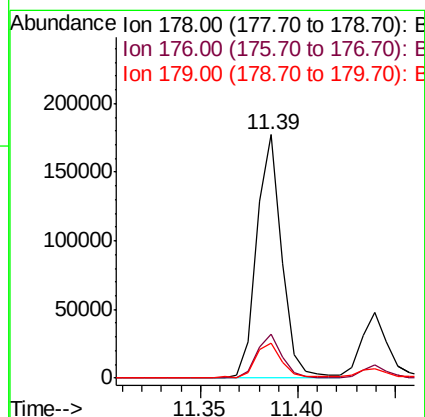
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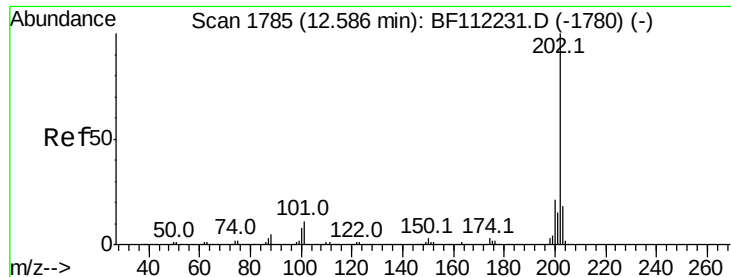
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#71
Phenanthrene
Concen: 5.024 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.0	16.3	24.5
179	14.6	13.0	19.4





#75

Fluoranthene

Concen: 7.824 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112286.D

Acq: 28 Jan 2019 20:34

Instrument :

BNA_F

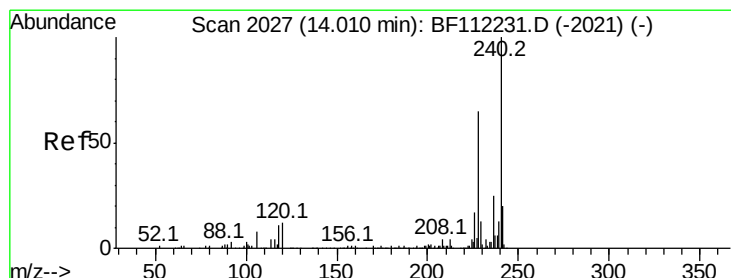
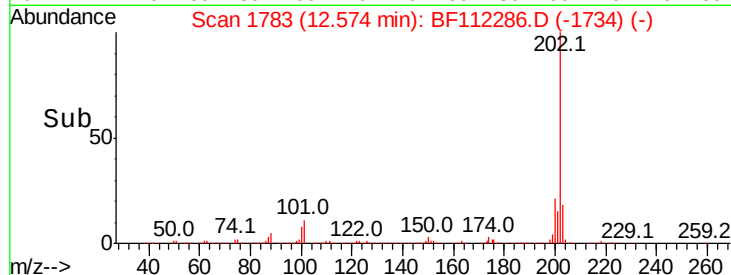
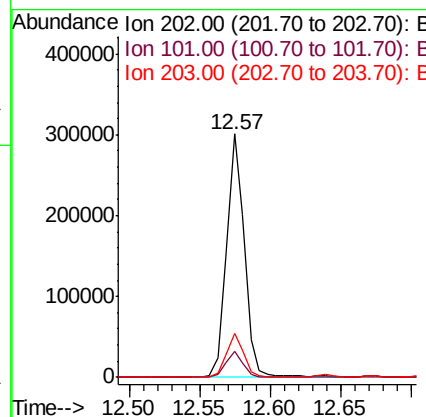
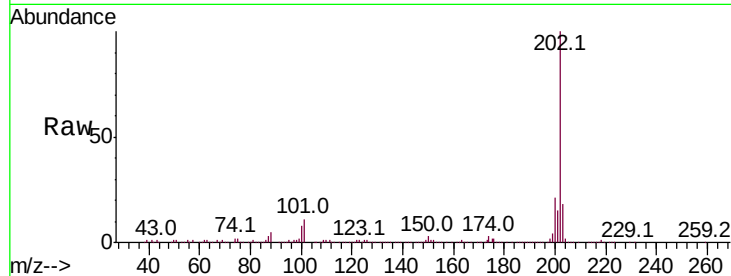
ClientSampleId :

EL-EAST-OF-JDHS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	31.8
203	18.2	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

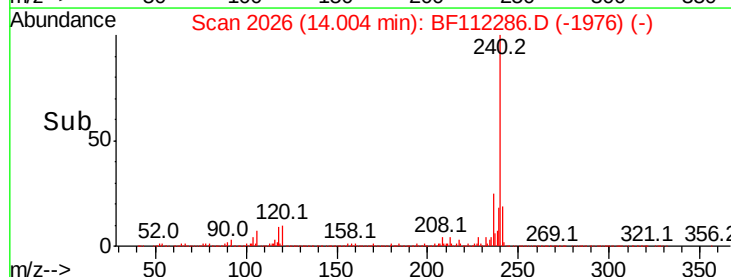
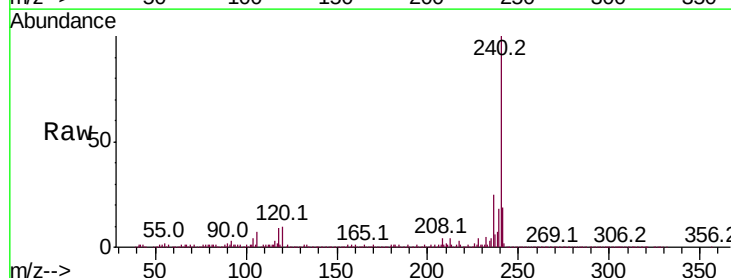
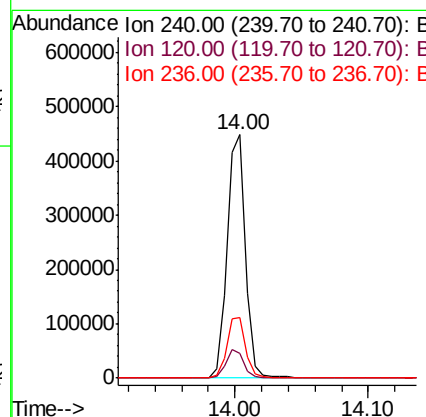
RT: 14.00 min Scan# 2026

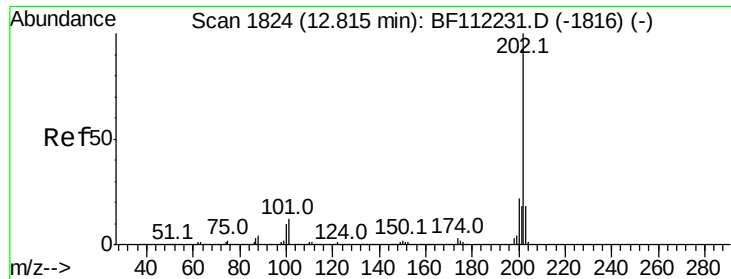
Delta R.T. -0.01 min

Lab File: BF112286.D

Acq: 28 Jan 2019 20:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.1	9.0	13.6
236	24.8	20.7	31.1





#78

Pvrene

Concen: 7.246 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112286.D

Acq: 28 Jan 2019 20:34

Instrument :

BNA_F

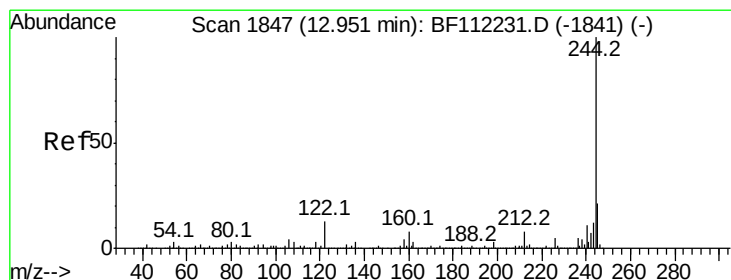
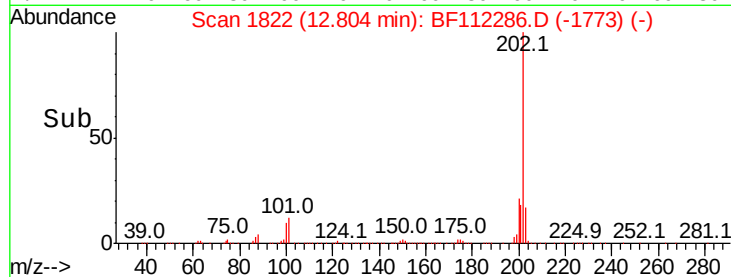
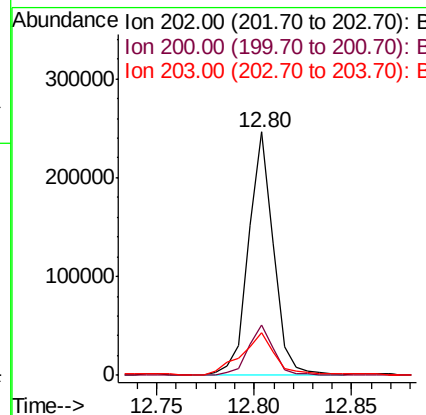
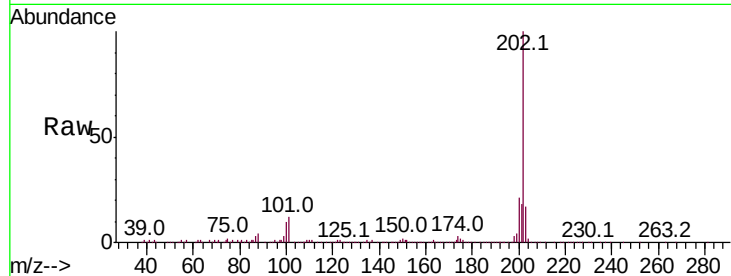
ClientSampleId :

EL-EAST-OF-JDHS

Tot Ion:	202	Resp:	217124
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.7	26.5
203	17.4	14.6	22.0

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#79

Terphenyl-d14

Concen: 22.075 ng

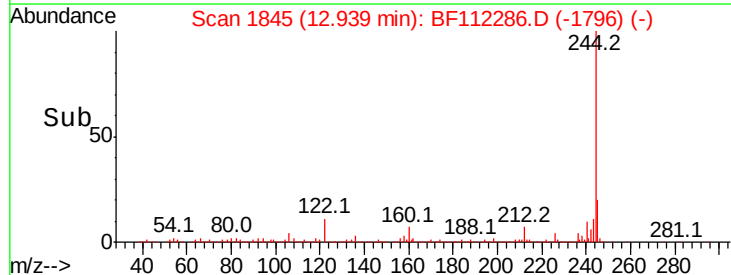
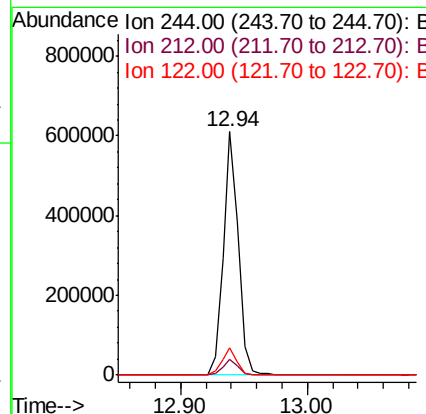
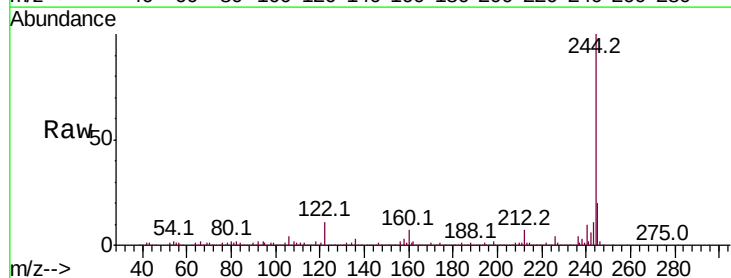
RT: 12.94 min Scan# 1845

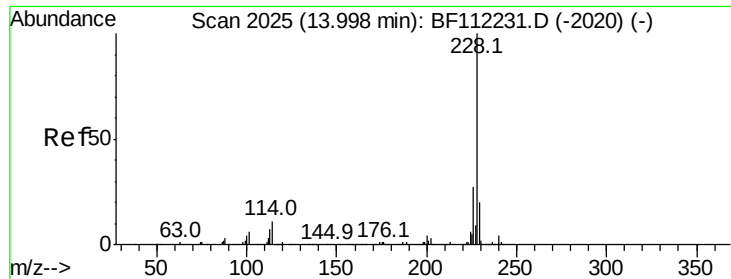
Delta R.T. -0.01 min

Lab File: BF112286.D

Acq: 28 Jan 2019 20:34

Tgt Ion:	244	Resp:	507257
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.9	8.9
122	11.1	9.8	14.6





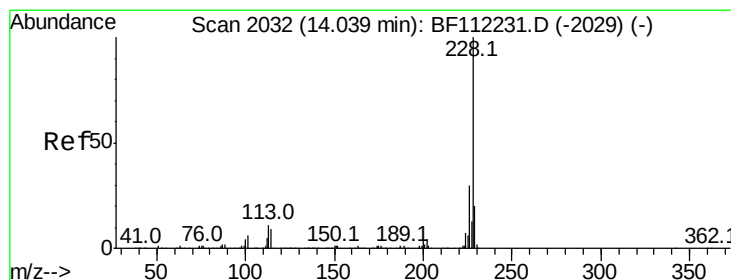
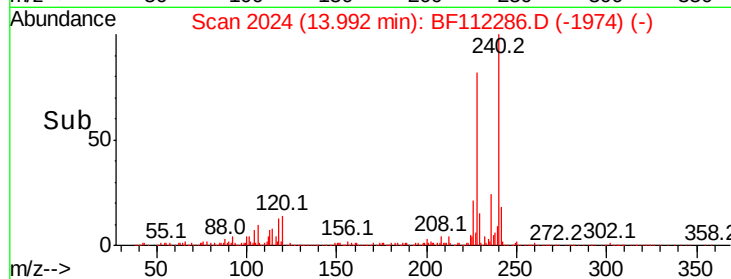
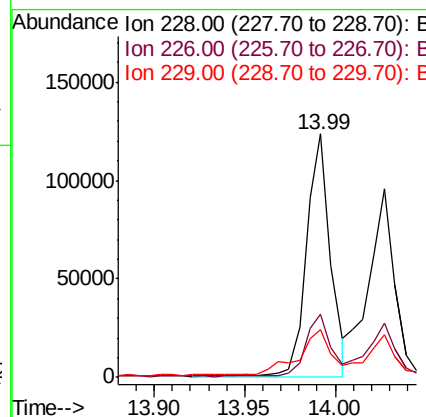
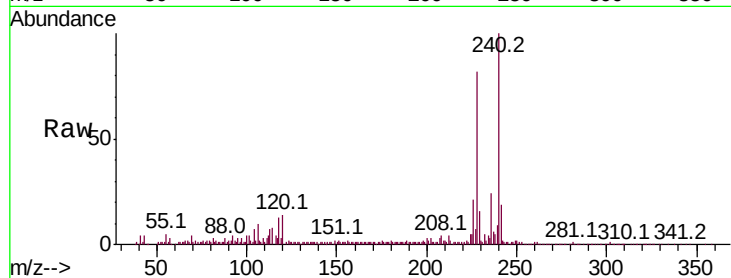
#81
Benzo(a)anthracene
Concen: 4.485 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.6	34.0
229	19.5	16.5	24.7

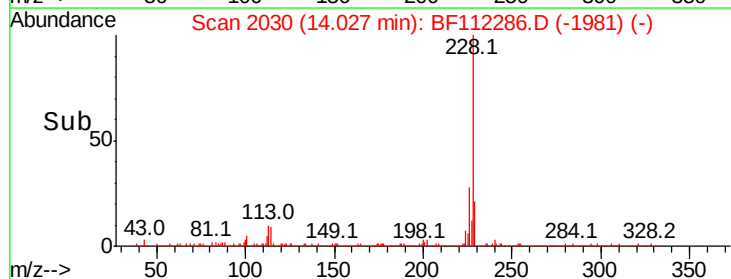
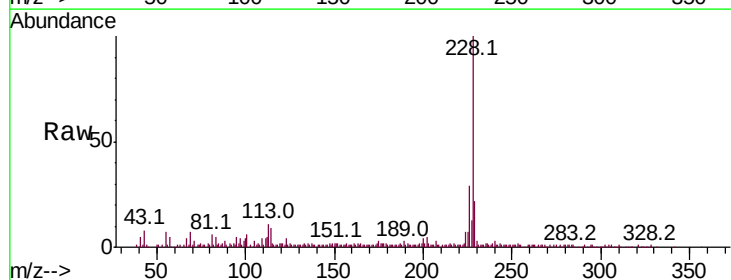
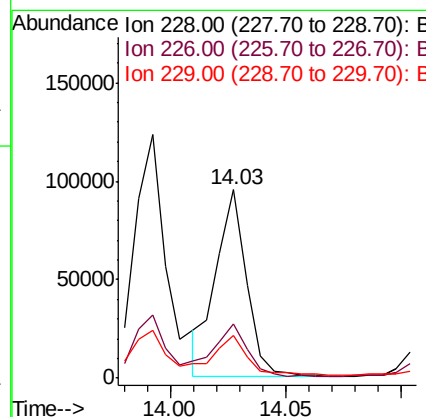
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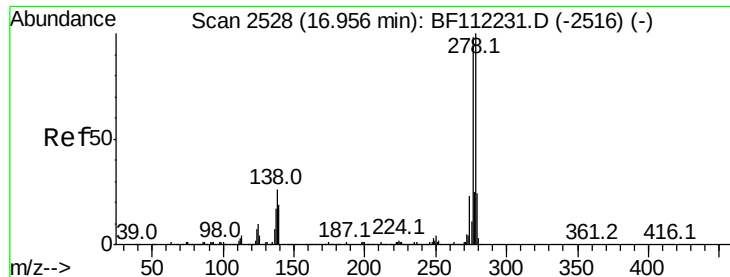
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#83
Chrysene
Concen: 3.628 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	22.4	16.6	24.8





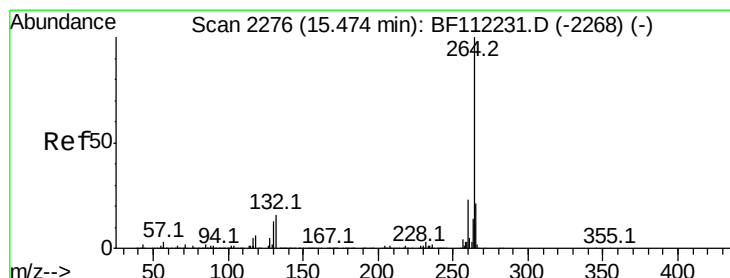
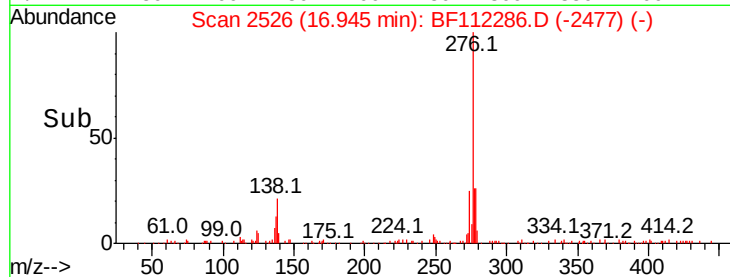
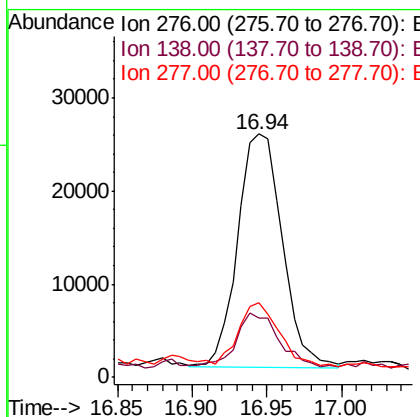
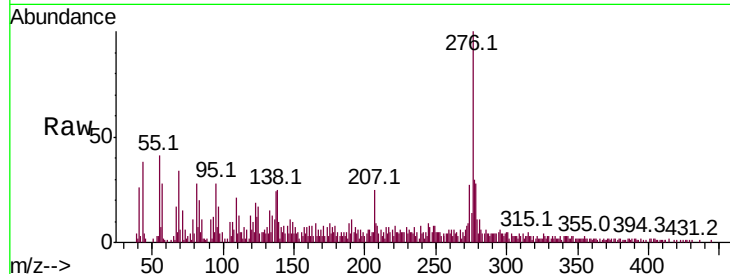
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.689 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	22.6	34.0
277	25.2	20.3	30.5

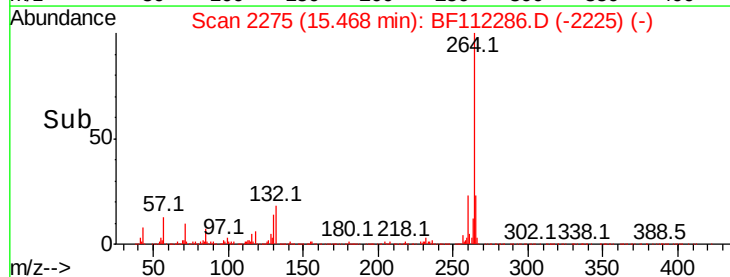
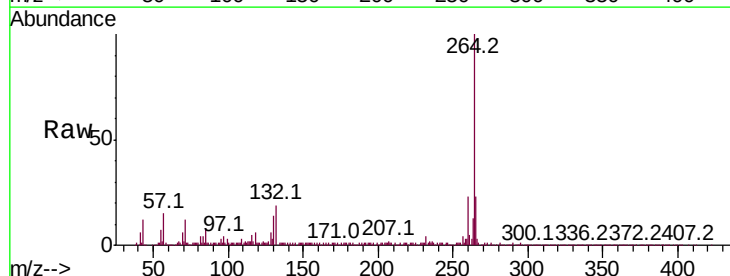
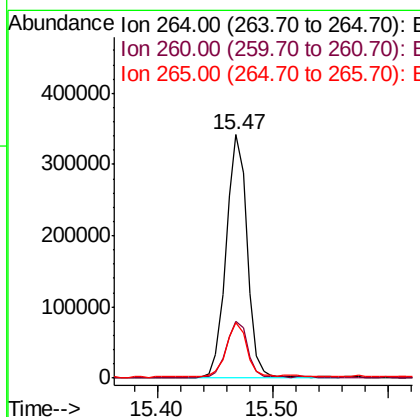
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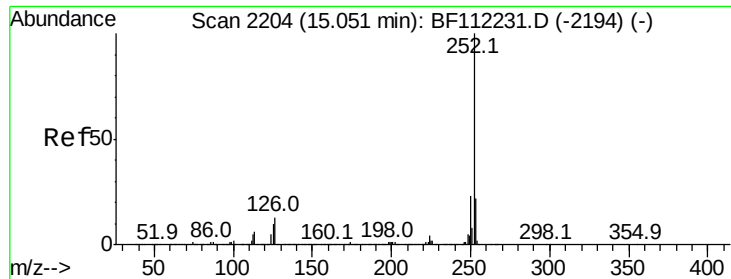
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	23.0	17.0	25.4





#88

Benzo(b)fluoranthene

Concen: 5.113 ng m

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BF112286.D

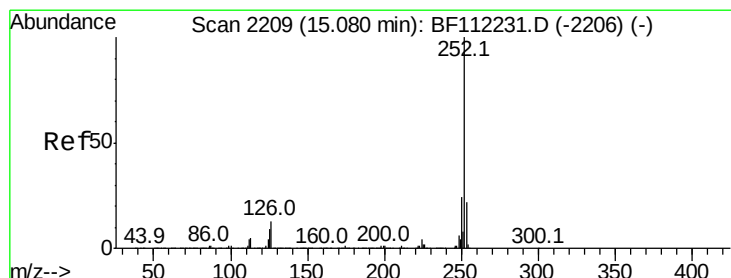
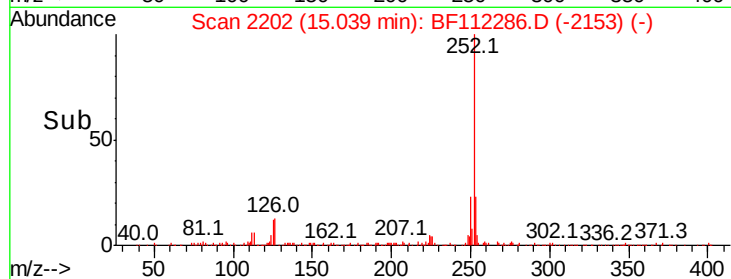
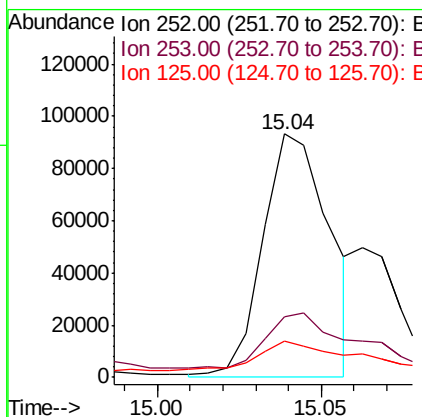
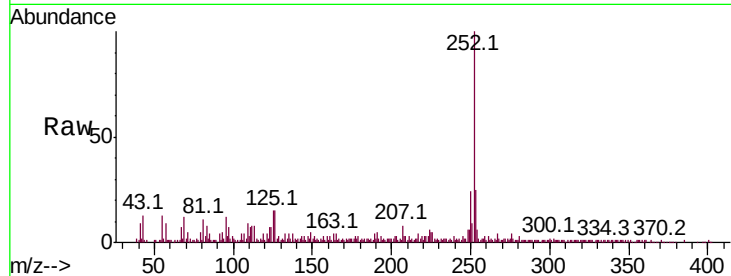
Acq: 28 Jan 2019 20:34

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	15.0	8.7	13.1

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#89

Benzo(k)fluoranthene

Concen: 2.036 ng m

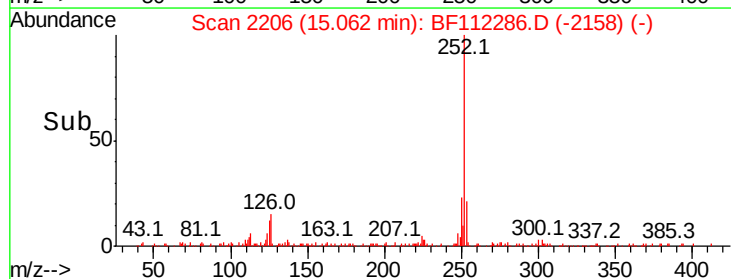
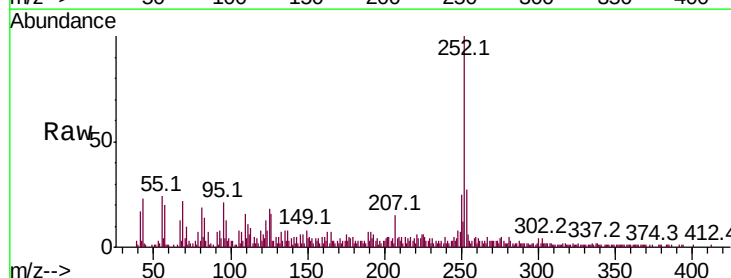
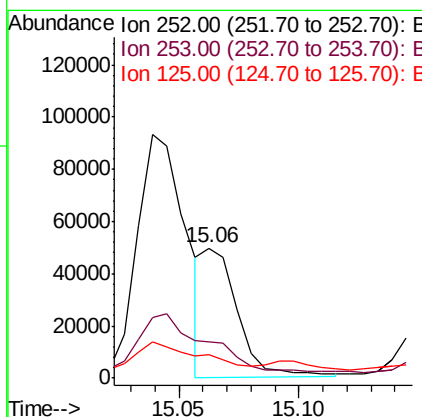
RT: 15.06 min Scan# 2206

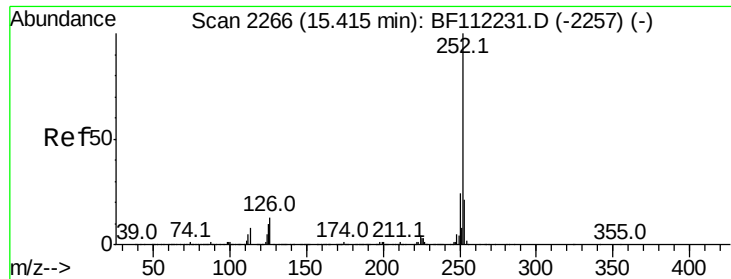
Delta R.T. -0.02 min

Lab File: BF112286.D

Acq: 28 Jan 2019 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.0	27.0
125	17.7	9.1	13.7





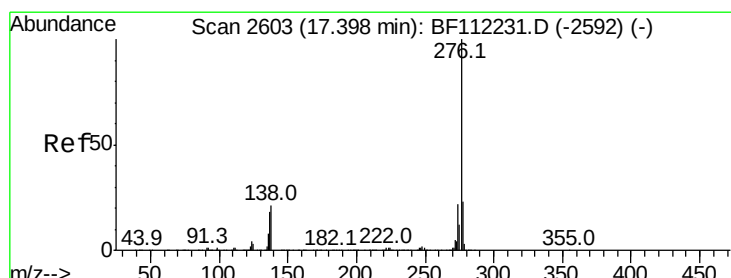
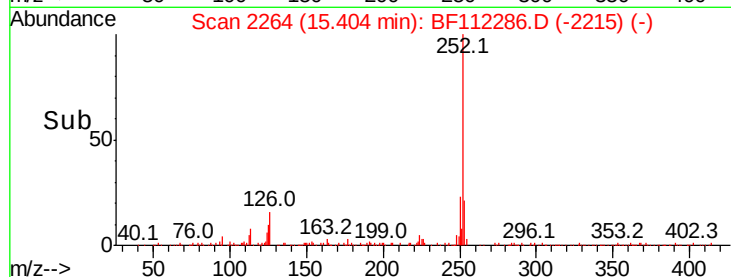
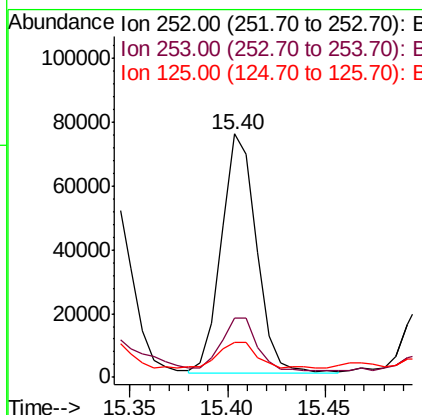
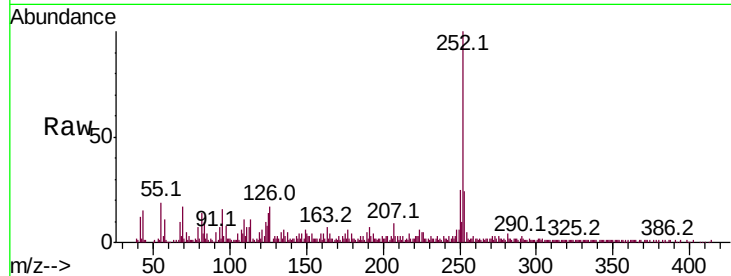
#90
Benzo(a)pyrene
Concen: 4.109 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	14.3	9.0	13.4

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#92
Benzo(g,h,i)perylene
Concen: 2.854 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112286.D
Acq: 28 Jan 2019 20:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.4	29.0
138	24.8	19.1	28.7

