

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096288.D
 Acq On : 29 Jun 2017 13:35
 Operator : SJ/MA
 Sample : I3906-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-062317-C

Manual Integrations
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 6/30/2017 2:51:45 PM

Quant Time: Jun 29 18:12:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	163988	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	636405	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	232045	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	349378	20.00	ng	0.00
75) Chrysene-d12	13.92	240	293366	20.00	ng	0.00
86) Perylene-d12	15.35	264	208181	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1026020	90.14	ng	0.00
7) Phenol-d6	6.40	99	1221746	88.64	ng	0.01
23) Nitrobenzene-d5	7.33	82	686726	74.70	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	206278	112.96	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1036129	81.77	ng	-0.02
78) Terphenyl-d14	12.88	244	702021	59.71	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	476249	28.68	ng	99
74) Fluoranthene	12.50	202	117378m	6.05	ng	
77) Pyrene	12.73	202	174319	7.23	ng	97
80) Benzo(a)anthracene	13.91	228	96651	5.40	ng	97
82) Chrysene	13.94	228	96265m	5.20	ng	
85) Indeno(1,2,3-cd)pyrene	16.74	276	43388	2.83	ng	96
87) Benzo(b)fluoranthene	14.94	252	97328m	7.12	ng	
88) Benzo(k)fluoranthene	14.96	252	36659m	2.94	ng	
89) Benzo(a)pyrene	15.29	252	65744	5.44	ng	# 75
91) Benzo(g,h,i)perylene	17.16	276	46865	4.77	ng	94

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

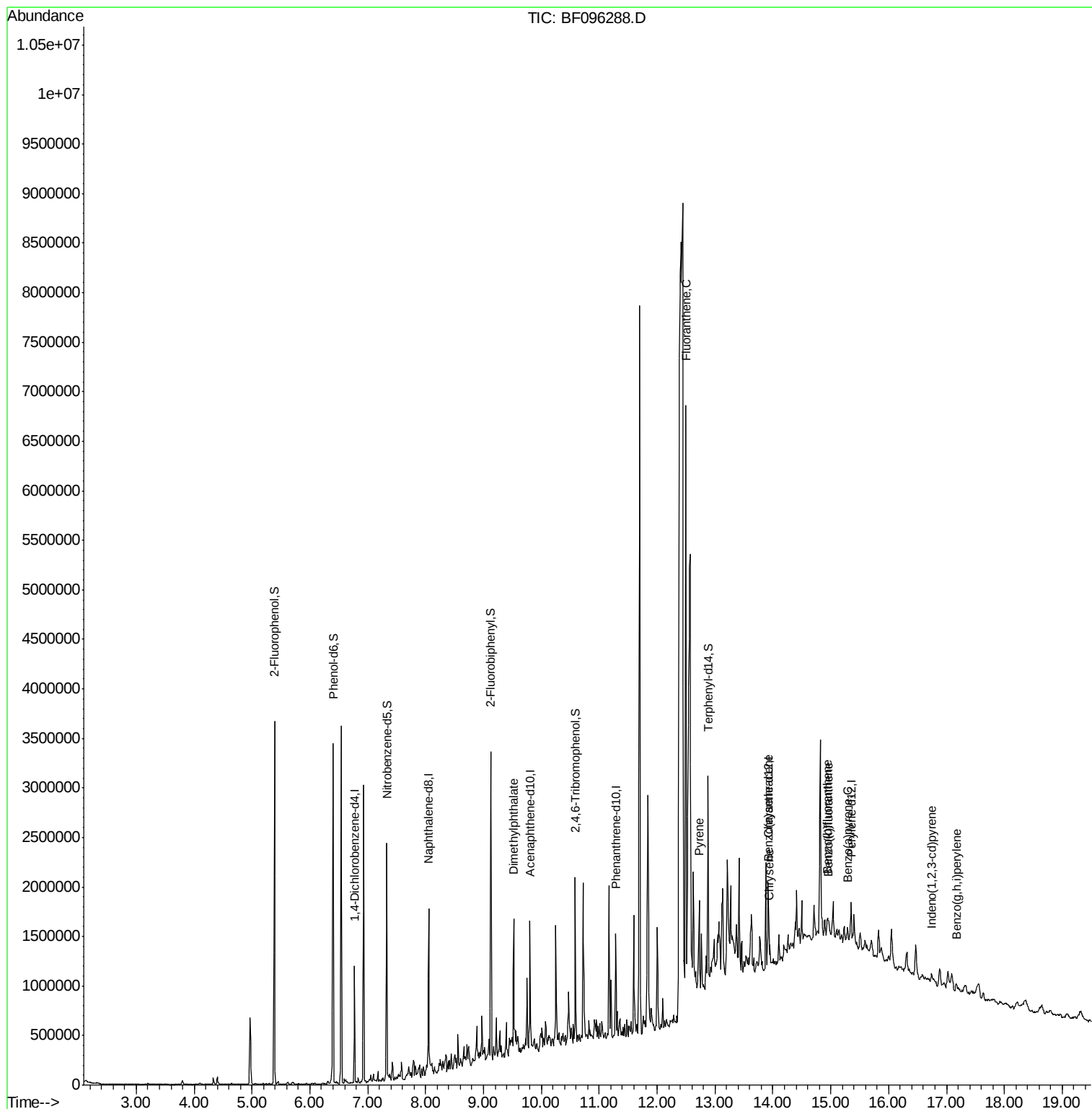
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096288.D
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Operator : SJ/MA
Sample : I3906-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

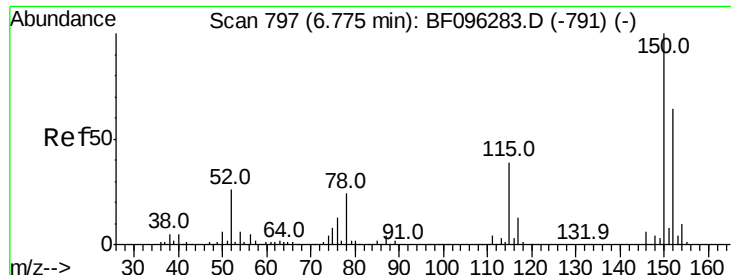
Instrument :
BNA_F
ClientSampleId :
EO-02-062317-C

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#1

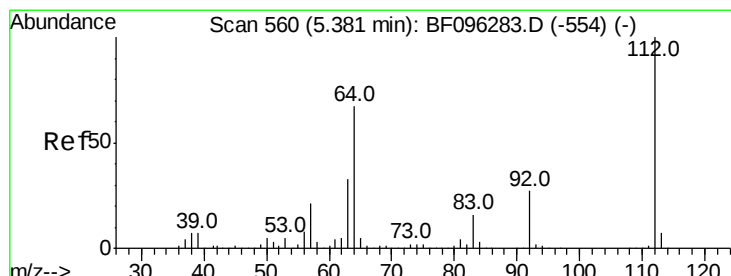
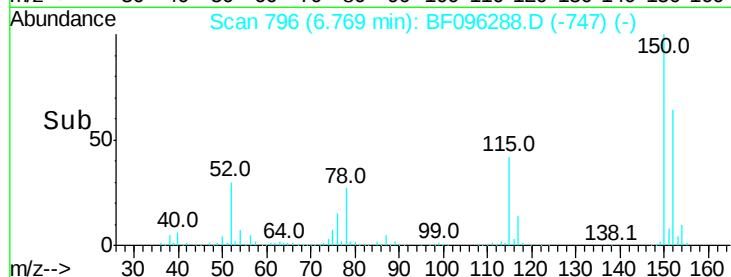
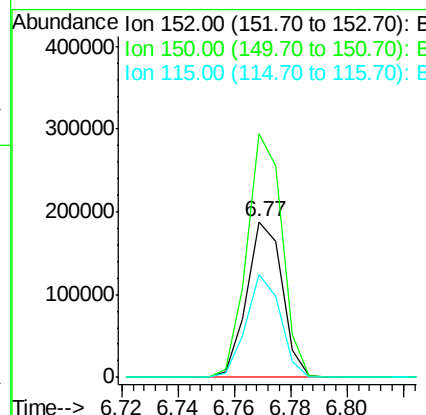
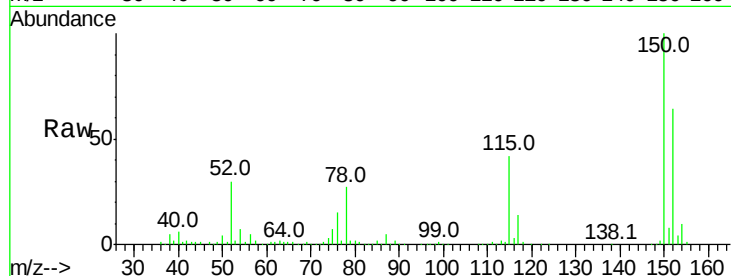
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096288.D
Acq: 29 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
EO-02-062317-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	66.1	52.2	78.2

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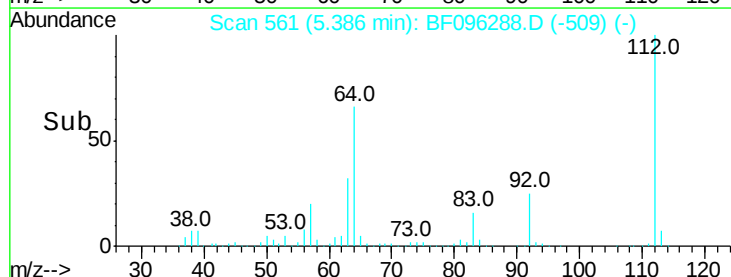
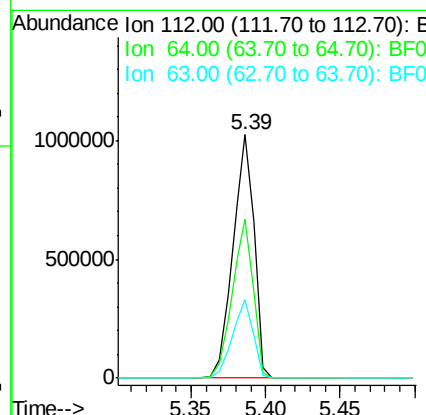
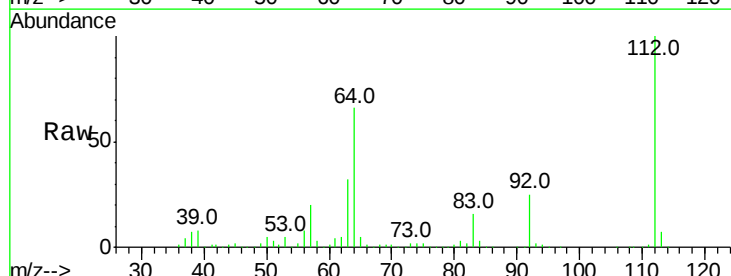
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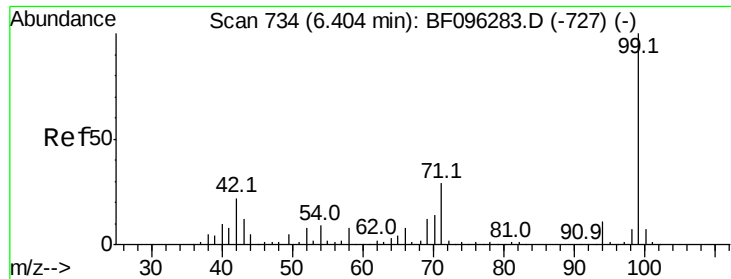


#5

2-Fluorophenol
Concen: 90.14 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096288.D
Acq: 29 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	46.0	69.0
63	32.2	23.4	35.0





#7

Phenol-d6

Concen: 88.64 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096288.D

Acq: 29 Jun 2017 13:35

Instrument :

BNA_F

ClientSampleId :

EO-02-062317-C

Tot Ion: 99 Resp: 1221746

Ion Ratio Lower Upper

99 100

42 20.6 13.5 20.3#

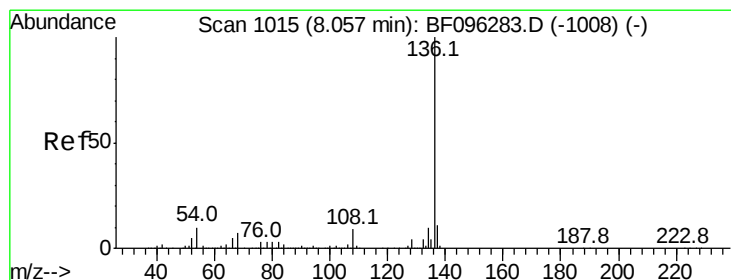
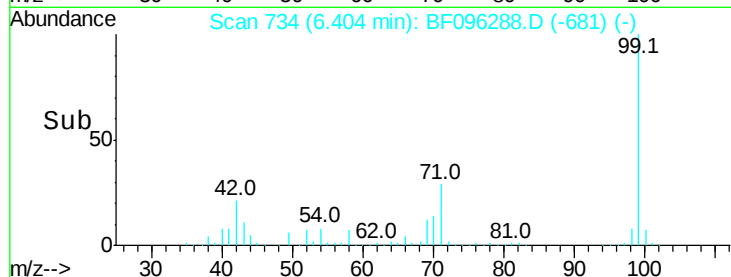
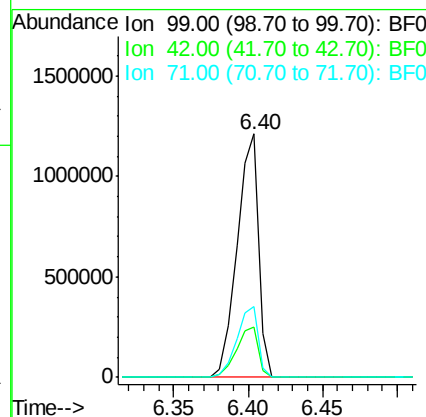
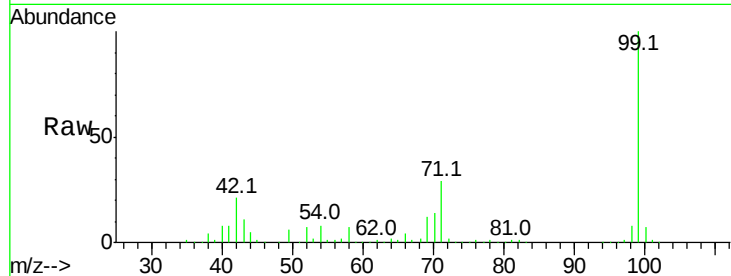
71 29.0 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF096288.D

Acq: 29 Jun 2017 13:35

Tgt Ion: 136 Resp: 636405

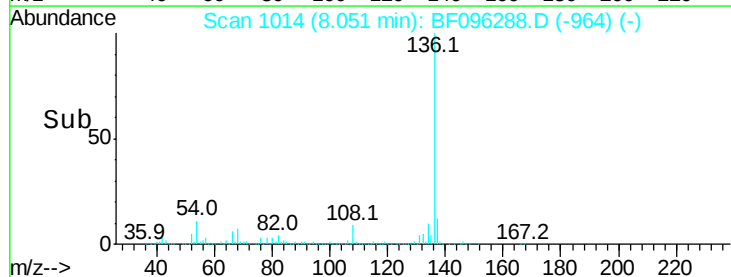
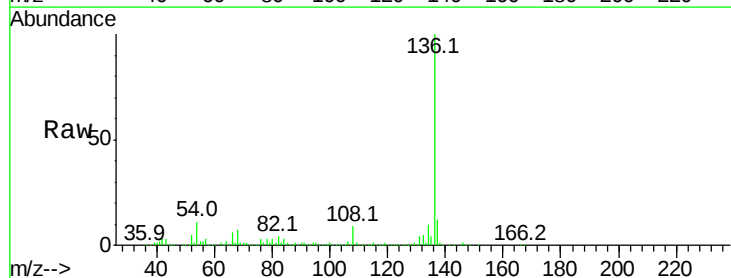
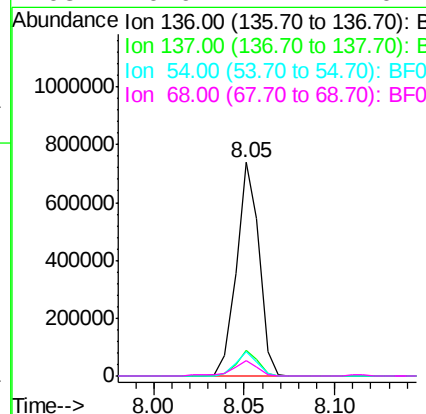
Ion Ratio Lower Upper

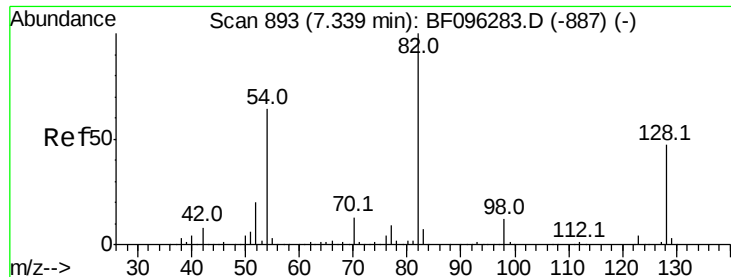
136 100

137 11.8 8.5 12.7

54 11.2 4.9 7.3#

68 6.9 4.1 6.1#





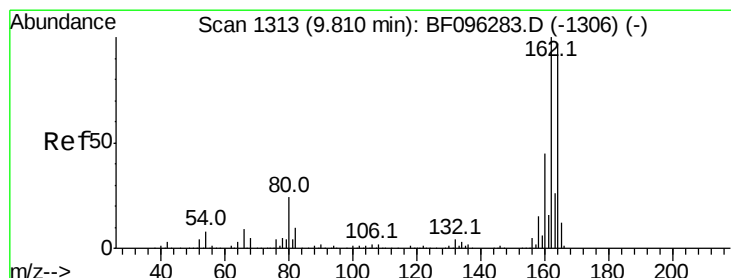
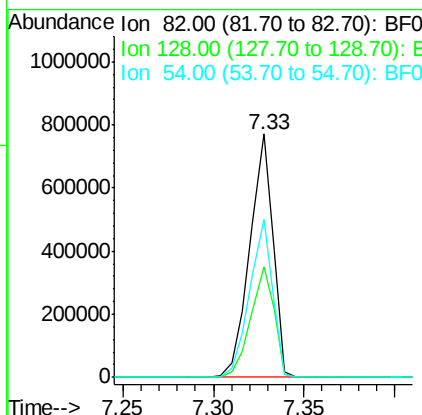
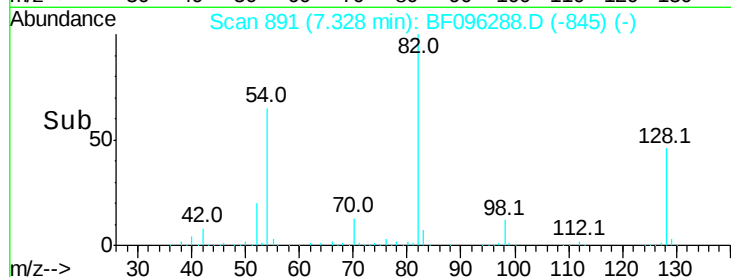
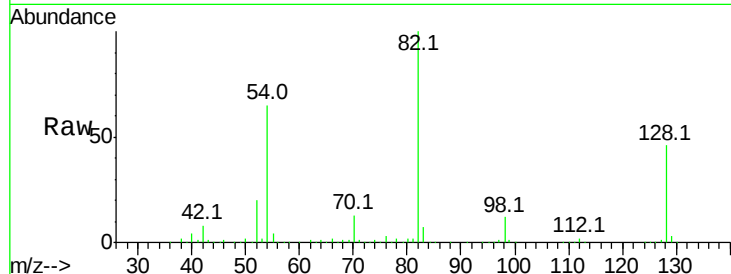
#23
Nitrobenzene-d5
Concen: 74.70 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096288.D
Acq: 29 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
EO-02-062317-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	64.9	42.2	63.2

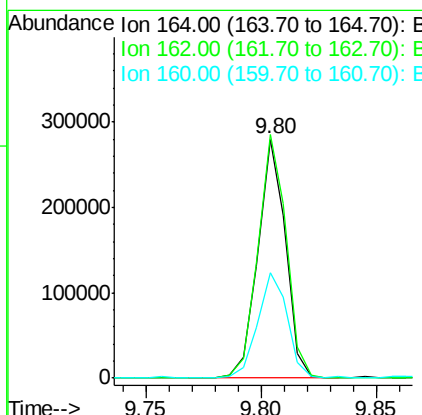
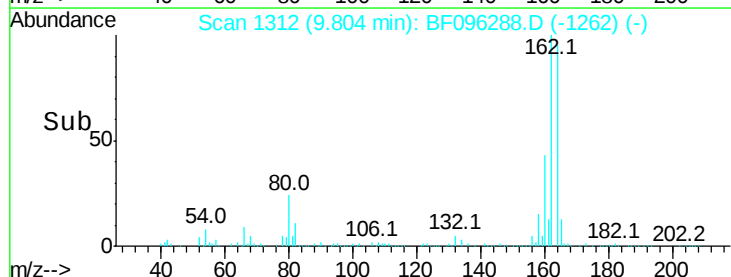
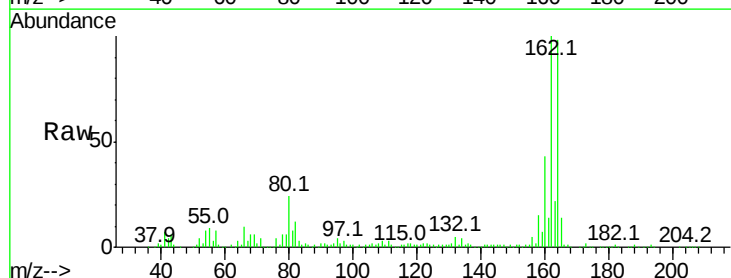
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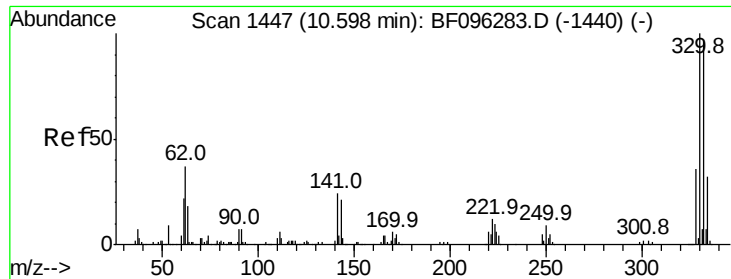
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096288.D
Acq: 29 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	44.2	36.2	54.2





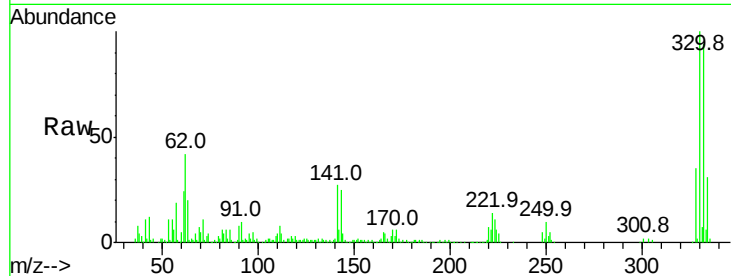
#41
 2,4,6-Tribromophenol
 Concen: 112.96 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF096288.D
 Acq: 29 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-062317-C

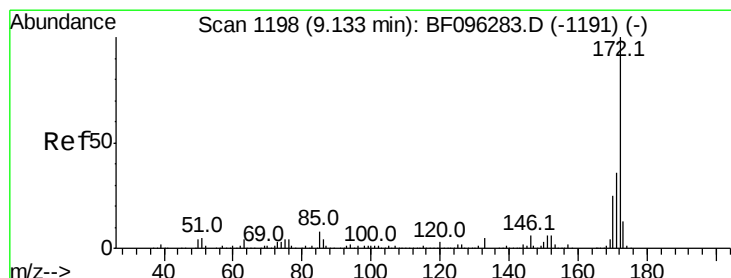
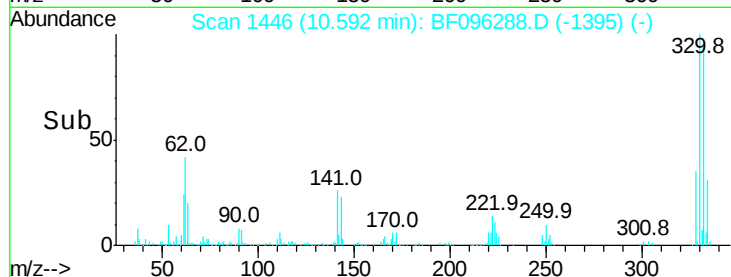
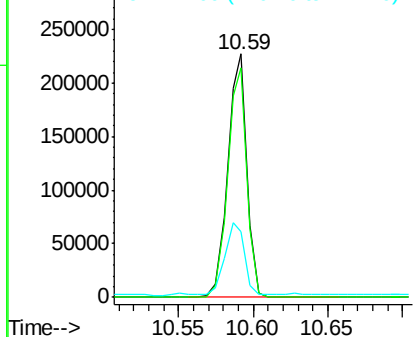
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.7	76.6	115.0	
141	30.1	31.4	47.2	

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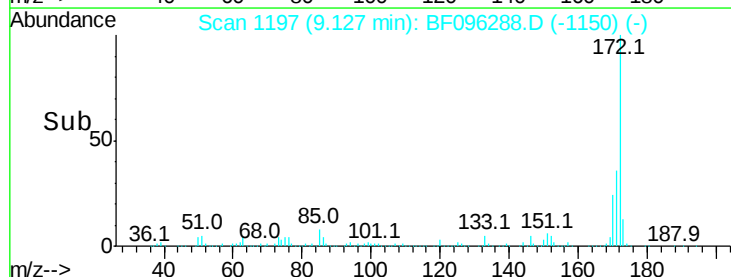
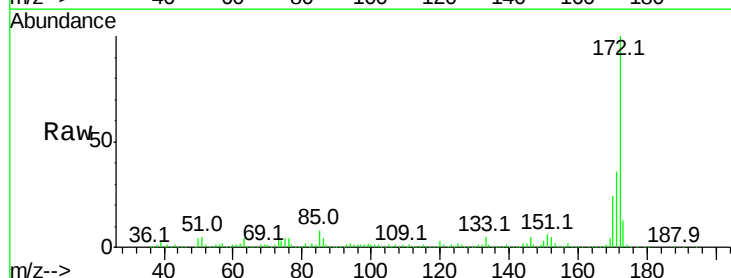
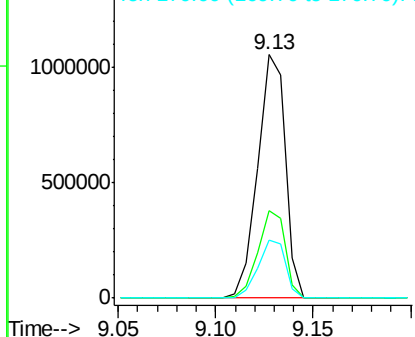
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

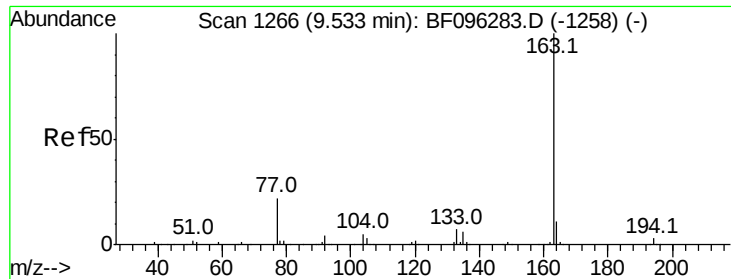


#44
 2-Fluorobiphenyl
 Concen: 81.77 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096288.D
 Acq: 29 Jun 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.6	44.4	
170	23.9	19.8	29.8	

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





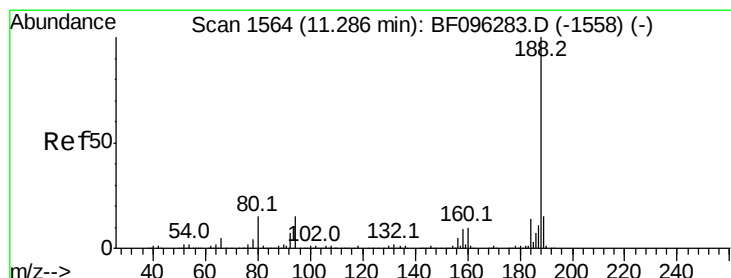
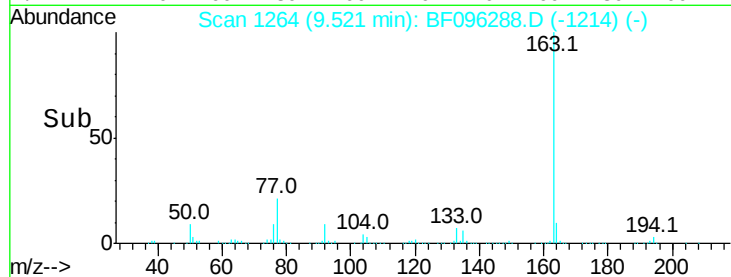
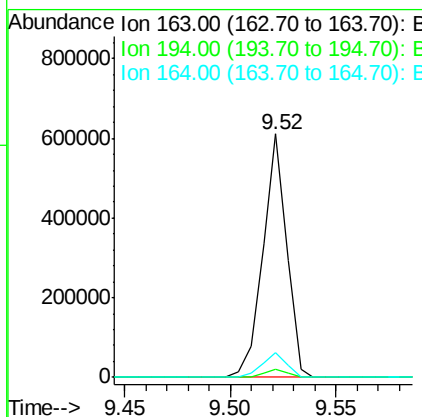
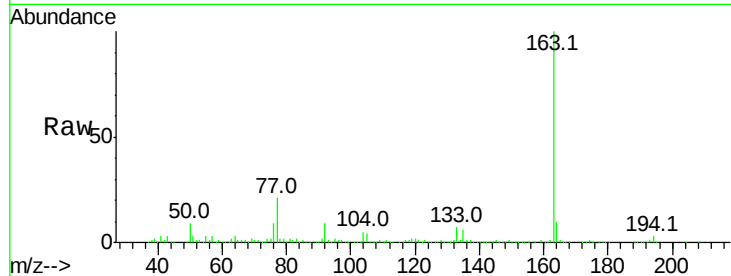
#49
Dimethylphthalate
Concen: 28.68 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096288.D
Acq: 29 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
EO-02-062317-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	476249		
194	3.1		2.6	4.0
164	10.3		8.4	12.6

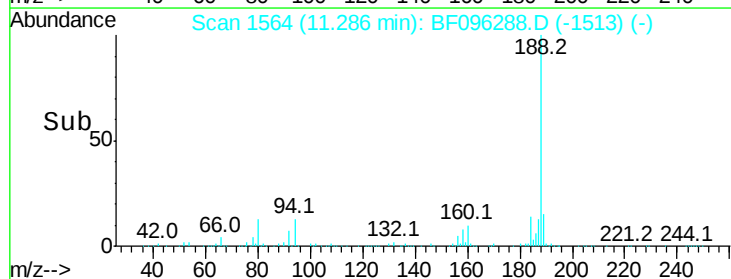
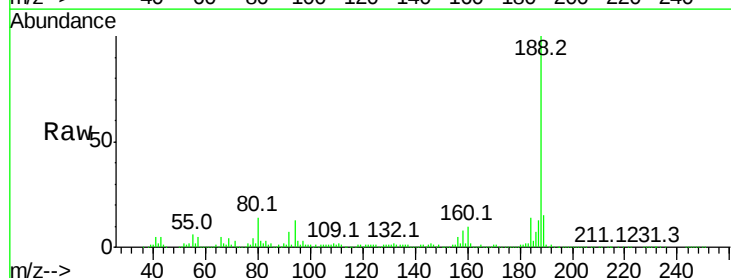
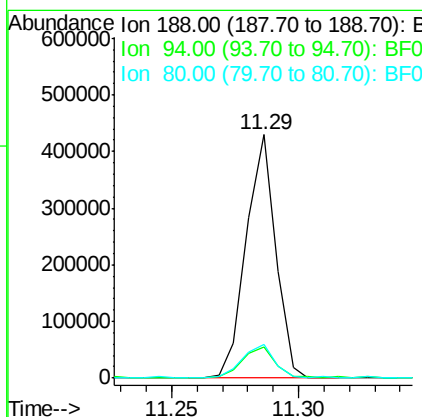
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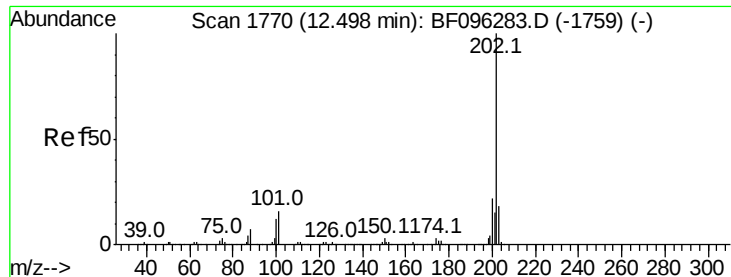
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096288.D
Acq: 29 Jun 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	349378		
94	13.0		9.4	14.2
80	13.8		10.2	15.2





#74

Fluoranthene

Concen: 6.05 ng/mL

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF096288.D

Acq: 29 Jun 2017 13:35

Instrument :

BNA_F

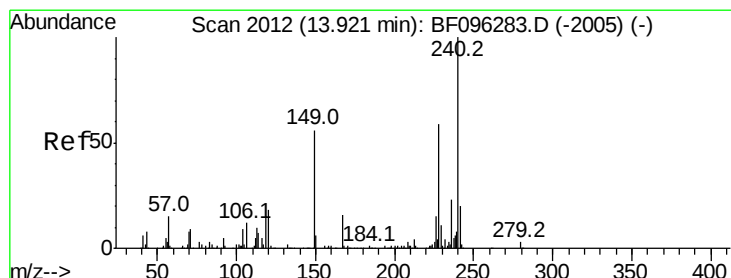
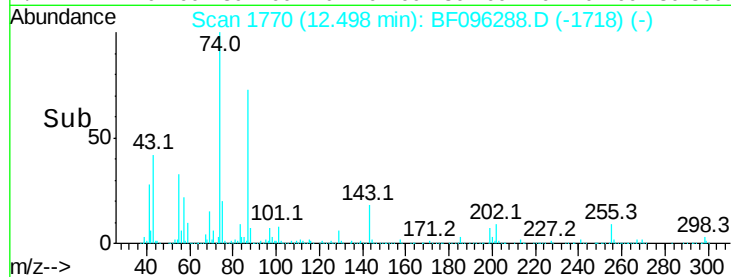
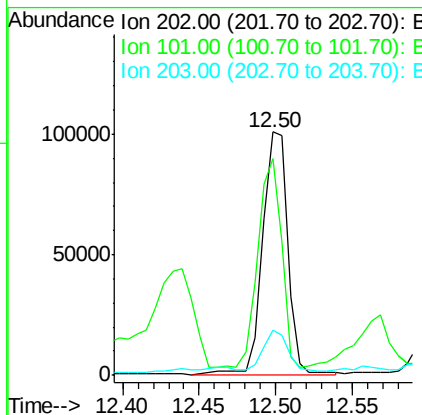
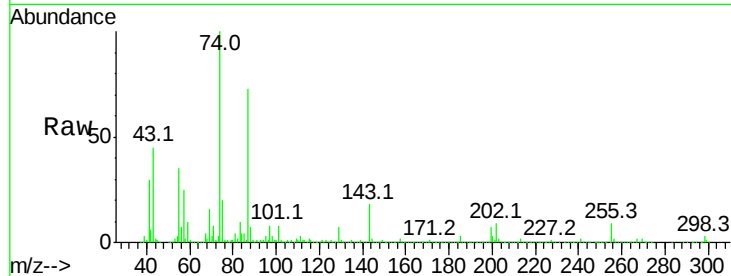
ClientSampled :

EO-02-062317-C

Tot Ion:	202	Resp:	117378
Ion Ratio	Lower	Upper	
202	100		
101	89.0	0.0	33.2#
203	18.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng/mL

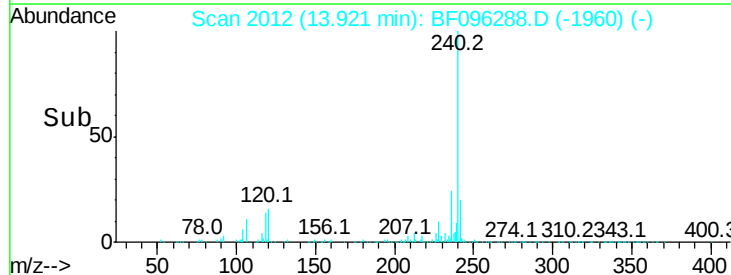
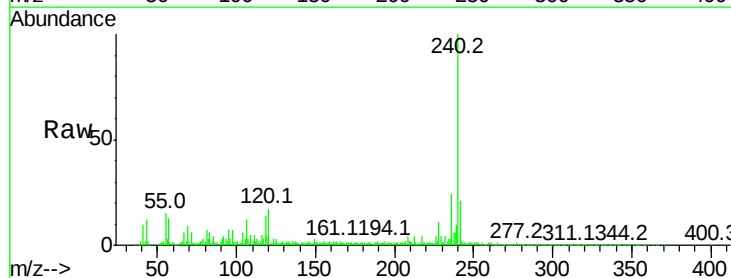
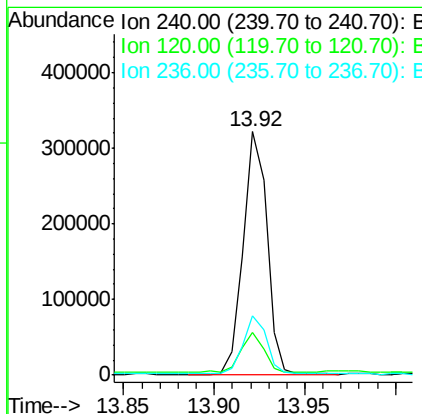
RT: 13.92 min Scan# 2012

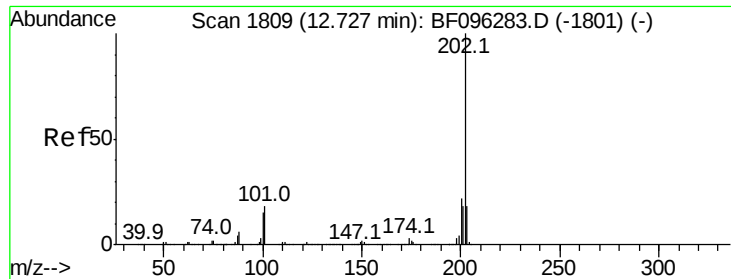
Delta R.T. 0.01 min

Lab File: BF096288.D

Acq: 29 Jun 2017 13:35

Tgt Ion:	240	Resp:	293366
Ion Ratio	Lower	Upper	
240	100		
120	17.3	5.8	8.8#
236	24.1	20.5	30.7





#77

Pvrene

Concen: 7.23 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF096288.D

Acq: 29 Jun 2017 13:35

Instrument :

BNA_F

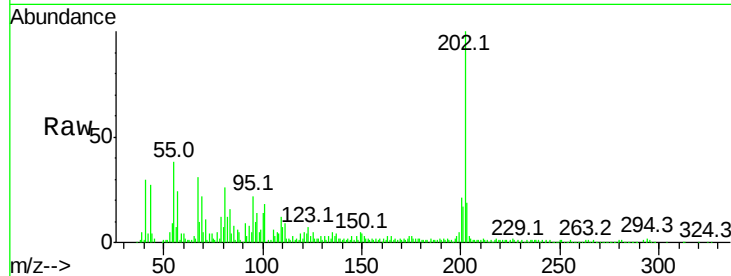
ClientSampleId :

EO-02-062317-C

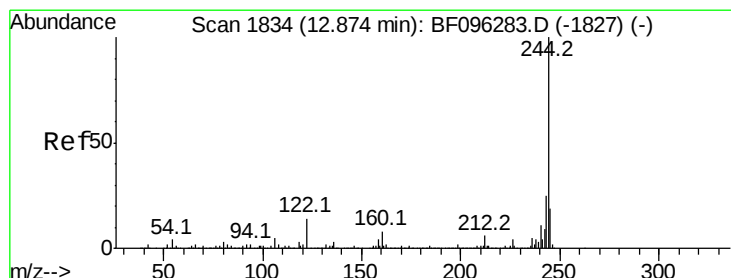
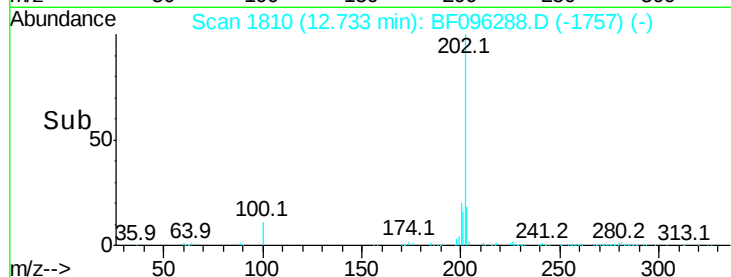
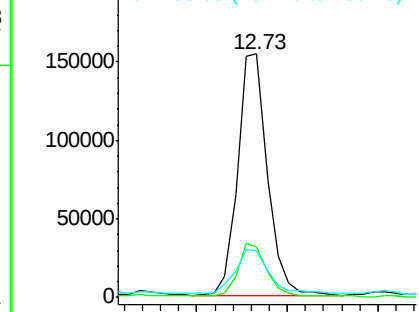
Tot Ion:	202	Resp:	174319
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.6	26.4
203	19.1	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.71 ng

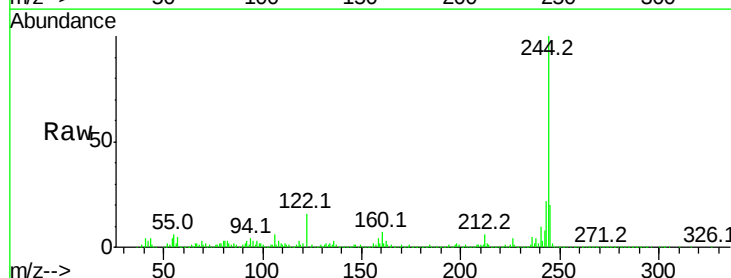
RT: 12.88 min Scan# 1835

Delta R.T. 0.01 min

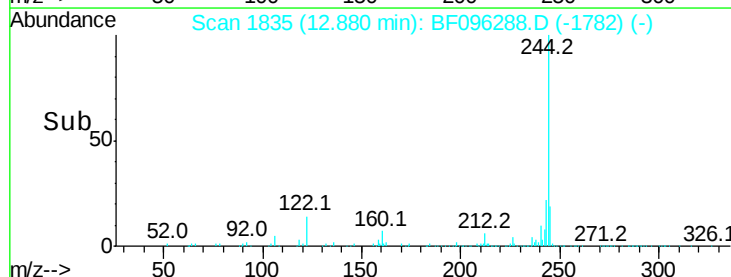
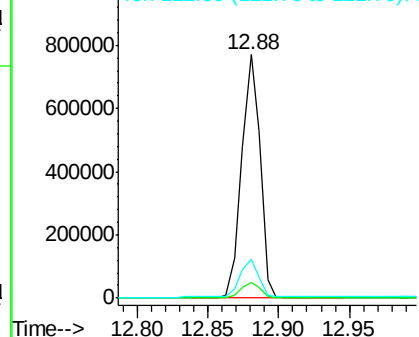
Lab File: BF096288.D

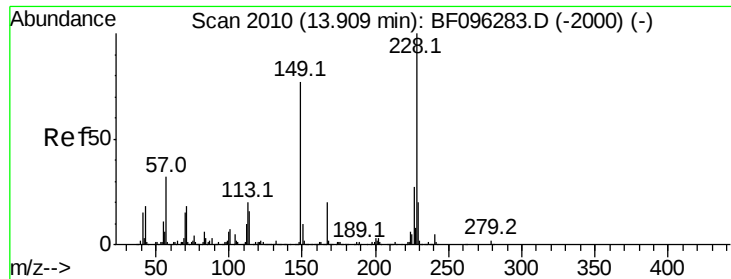
Acq: 29 Jun 2017 13:35

Tgt Ion:	244	Resp:	702021
Ion Ratio		Lower	Upper
244	100		
212	6.3	6.0	9.0
122	16.1	10.3	15.5#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





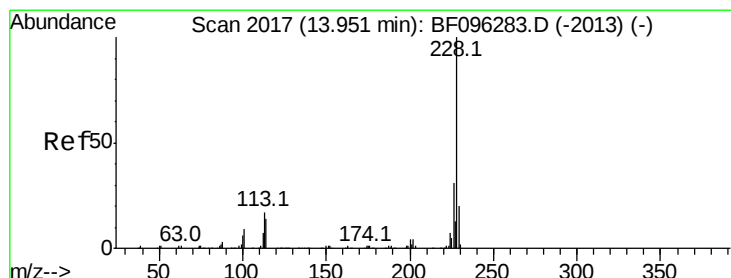
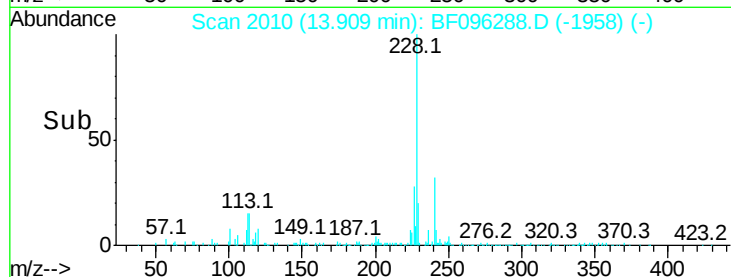
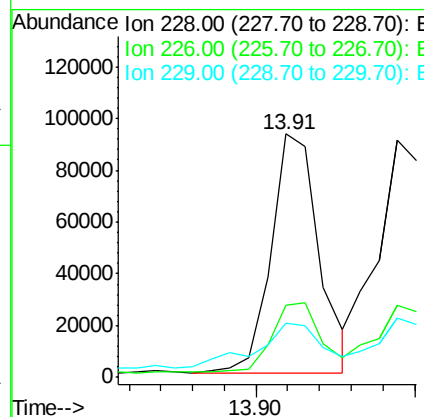
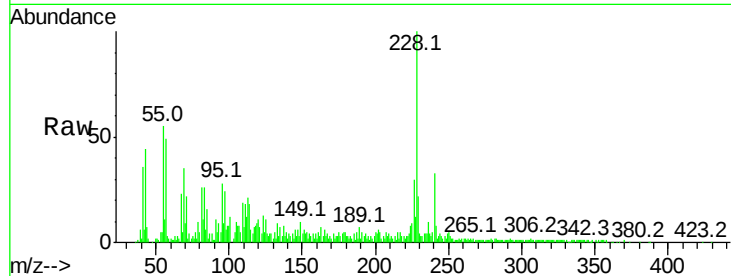
#80
Benzo(a)anthracene
Concen: 5.40 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF096288.D
Acq: 29 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
EO-02-062317-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	22.0	16.3	24.5

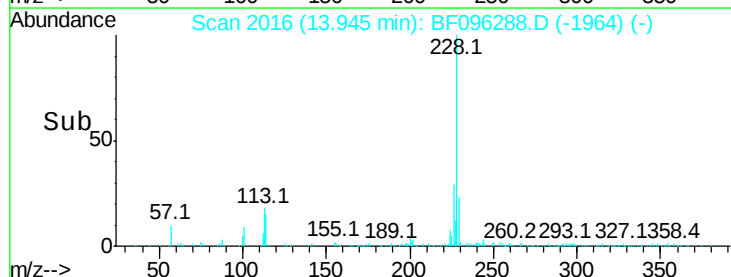
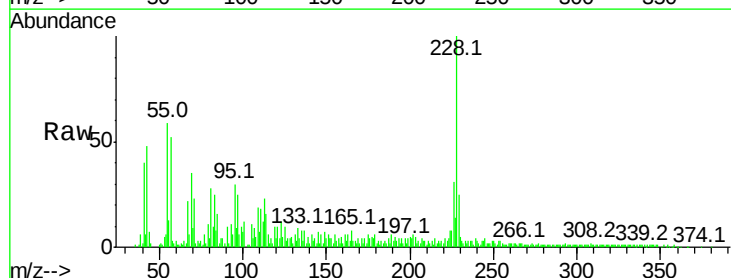
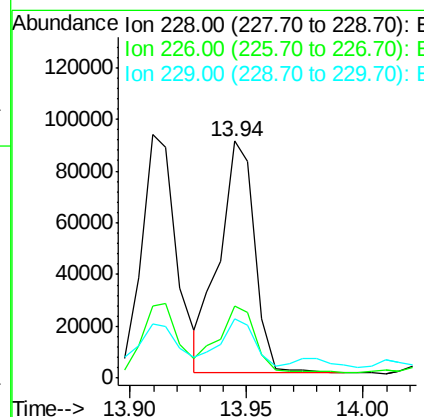
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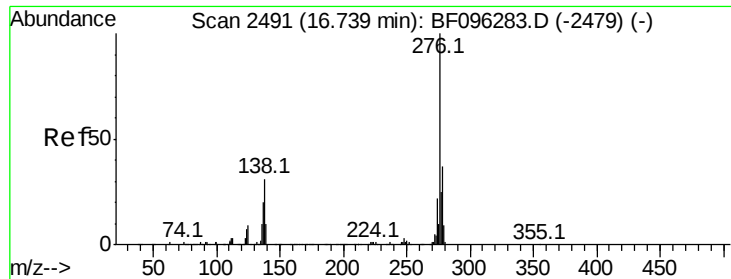
mohammad
6/30/2017 2:51:45 PM



#82
Chrysene
Concen: 5.20 ng m
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF096288.D
Acq: 29 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	25.3	15.8	23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.83 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.03 min

Lab File: BF096288.D

Acq: 29 Jun 2017 13:35

Instrument :

BNA_F

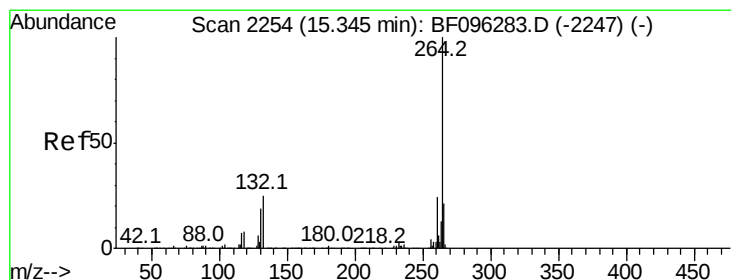
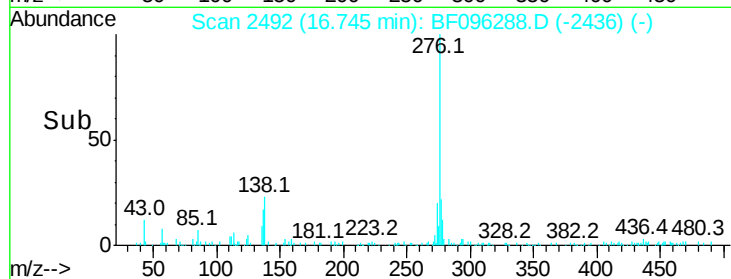
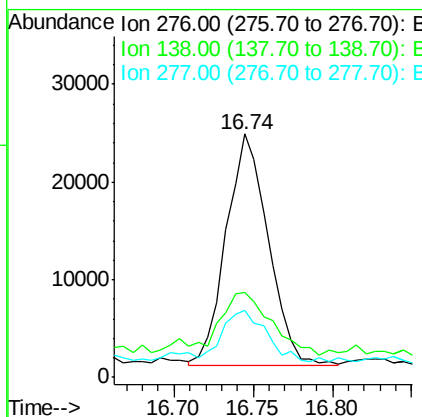
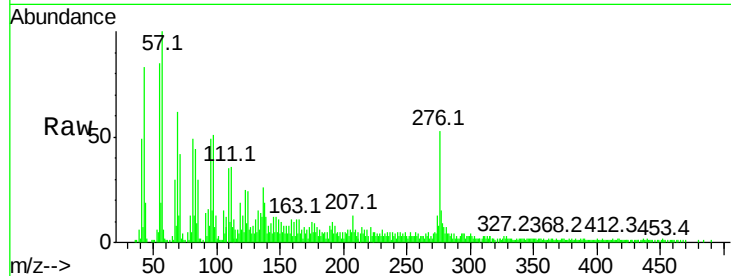
ClientSampleId :

EO-02-062317-C

Tot Ion:	276	Resp:	43388
Ion Ratio	Lower	Upper	
276	100		
138	33.0	27.8	41.6
277	22.8	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

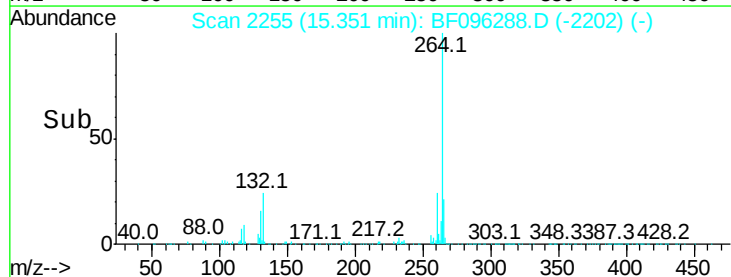
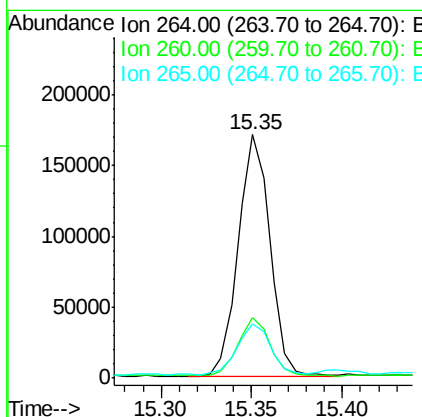
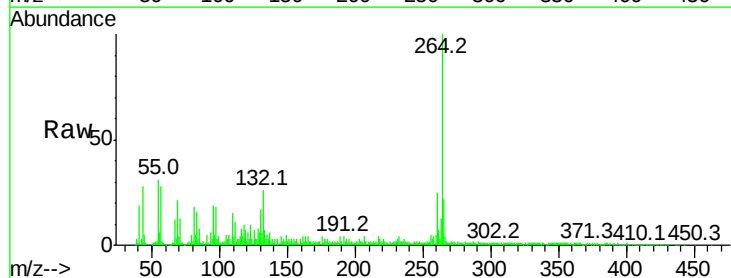
RT: 15.35 min Scan# 2255

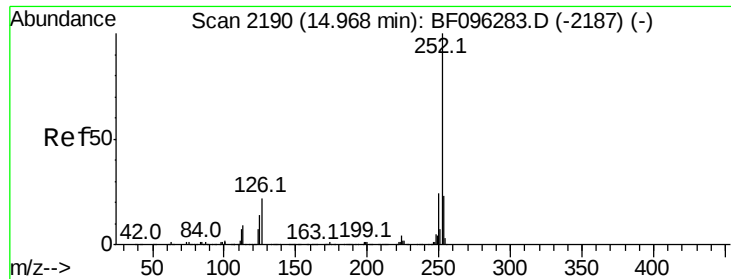
Delta R.T. 0.01 min

Lab File: BF096288.D

Acq: 29 Jun 2017 13:35

Tgt Ion:	264	Resp:	208181
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.5	29.3
265	22.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 7.12 ng m

RT: 14.94 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BF096288.D

Acq: 29 Jun 2017 13:35

Instrument :

BNA_F

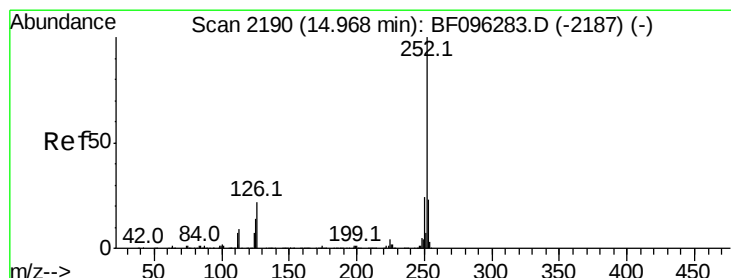
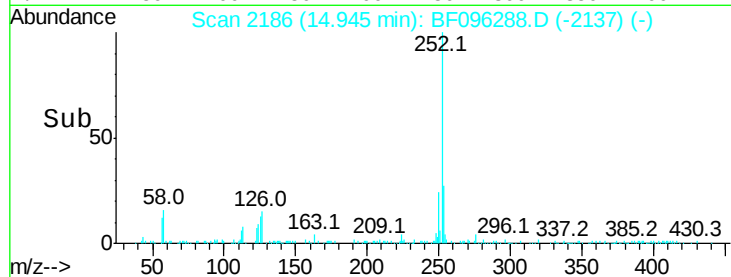
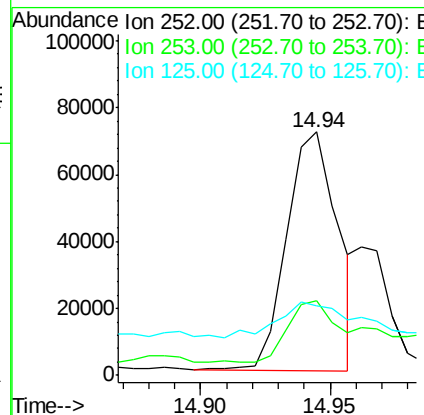
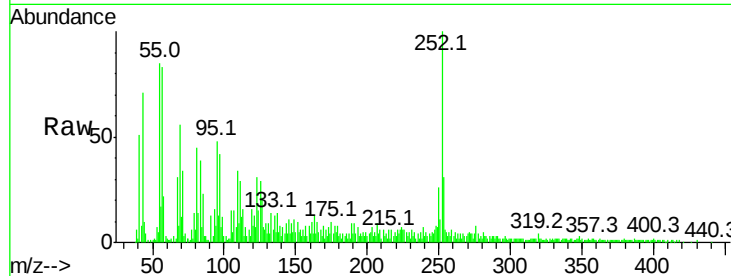
ClientSampleId :

EO-02-062317-C

Tot Ion:	252	Resp:	97328
Ion Ratio	Lower	Upper	
252	100		
253	30.7	18.1	27.1#
125	28.8	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 2.94 ng m

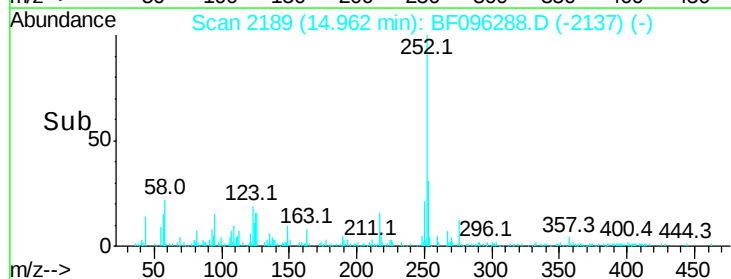
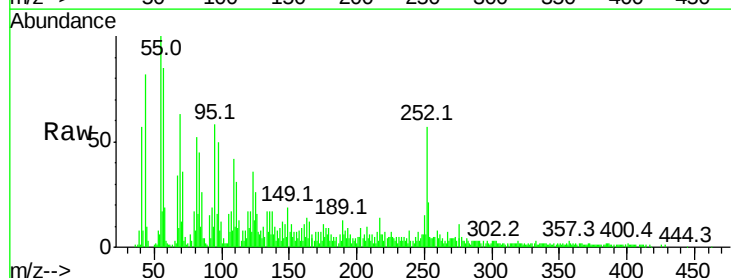
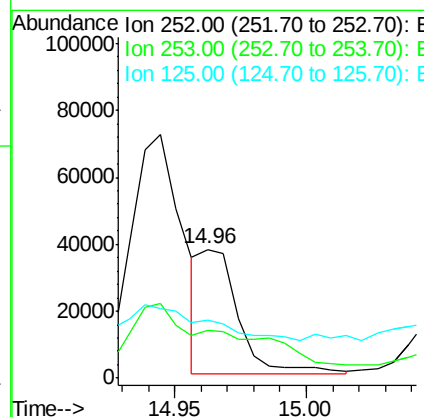
RT: 14.96 min Scan# 2189

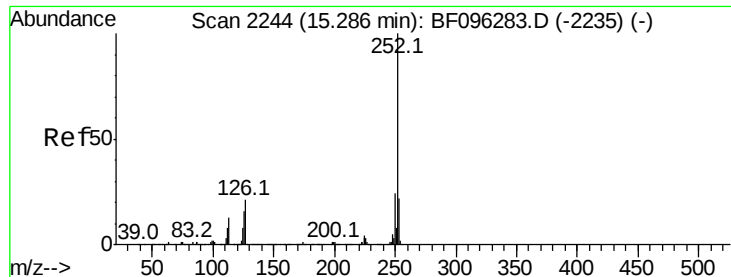
Delta R.T. 0.01 min

Lab File: BF096288.D

Acq: 29 Jun 2017 13:35

Tgt Ion:	252	Resp:	36659
Ion Ratio	Lower	Upper	
252	100		
253	37.3	18.4	27.6#
125	45.5	13.1	19.7#





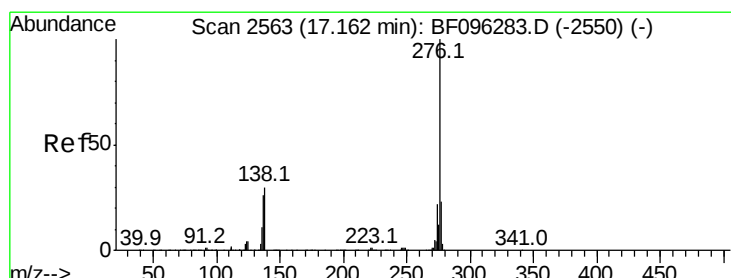
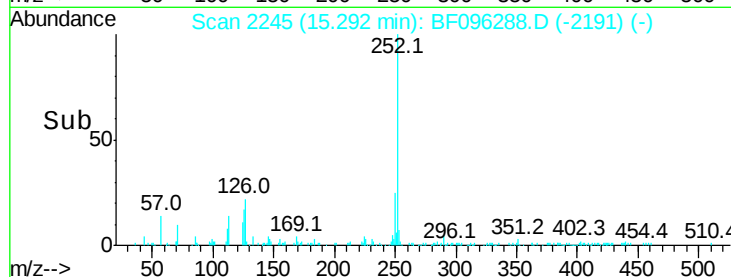
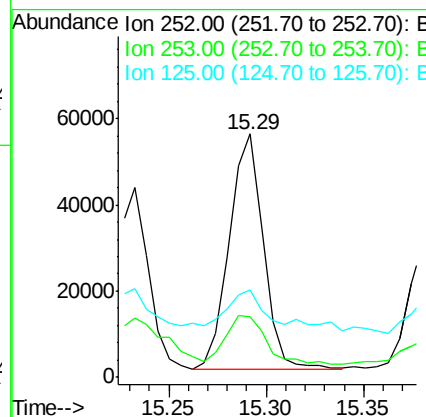
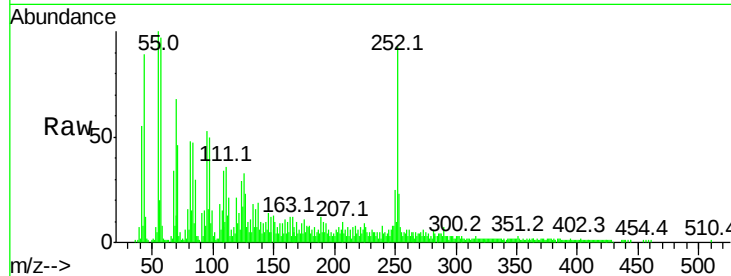
#89
Benzo(a)pyrene
Concen: 5.44 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF096288.D
Acq: 29 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
EO-02-062317-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	35.8	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 4.77 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.03 min
Lab File: BF096288.D
Acq: 29 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	37.5	25.4	38.0

