

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094464.D
 Acq On : 17 Apr 2017 22:03
 Operator : SJ/MA
 Sample : I2708-13 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY9-SSW

Manual Integrations
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Quant Time: Apr 18 03:09:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	141005	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	574293	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	283482	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	503023	20.00	ng	0.00
75) Chrysene-d12	14.46	240	393336	20.00	ng	0.00
86) Perylene-d12	16.08	264	269441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	270514	31.83	ng	0.00
7) Phenol-d6	5.37	99	351585	35.09	ng	-0.02
23) Nitrobenzene-d5	6.40	82	206418	22.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	65014	29.32	ng	-0.01
44) 2-Fluorobiphenyl	8.58	172	420859	21.84	ng	0.00
78) Terphenyl-d14	13.19	244	328421	22.32	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.08	163	110207	5.22	ng	98
70) Phenanthrene	11.24	178	167275	5.91	ng	97
74) Fluoranthene	12.70	202	260492	8.87	ng	97
77) Pyrene	12.97	202	243168	8.85	ng	99
80) Benzo(a)anthracene	14.44	228	83752	3.66	ng	97
82) Chrysene	14.49	228	86187	4.13	ng	99
87) Benzo(b)fluoranthene	15.68	252	79107m	4.80	ng	
89) Benzo(a)pyrene	16.02	252	56515	3.69	ng	97
91) Benzo(g,h,i)perylene	17.72	276	31981	2.47	ng	96

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

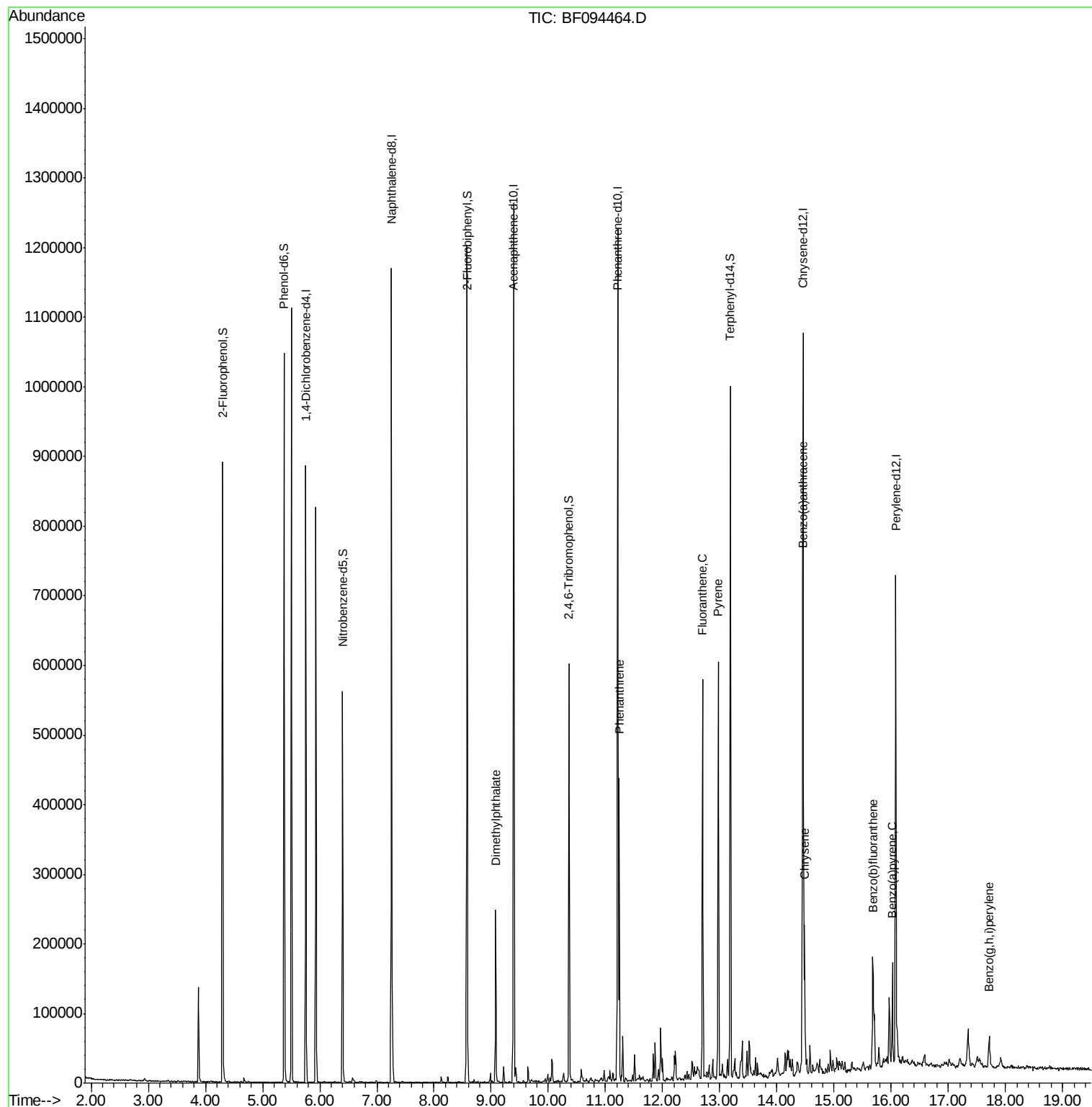
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094464.D
Acq On : 17 Apr 2017 22:03
Operator : SJ/MA
Sample : I2708-13 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

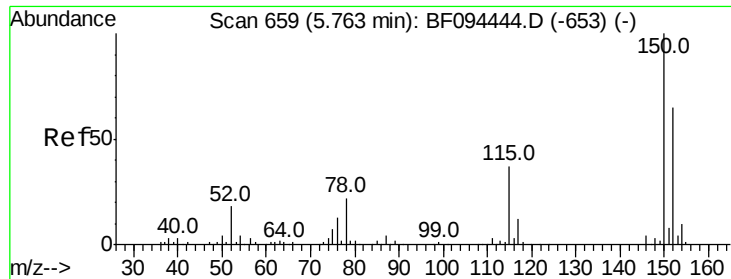
Instrument :
BNA_F
ClientSampleId :
E2-XY9-SSW

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Quant Time: Apr 18 03:09:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF094464.D

Acq: 17 Apr 2017 22:03

Instrument :

BNA_F

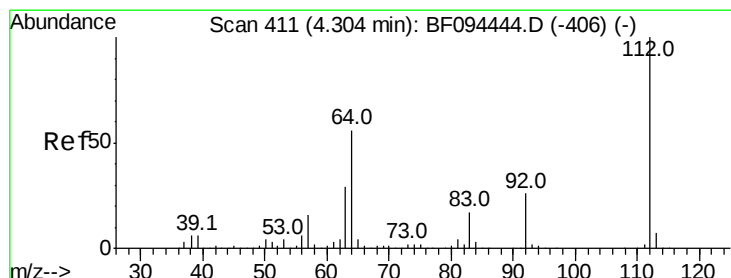
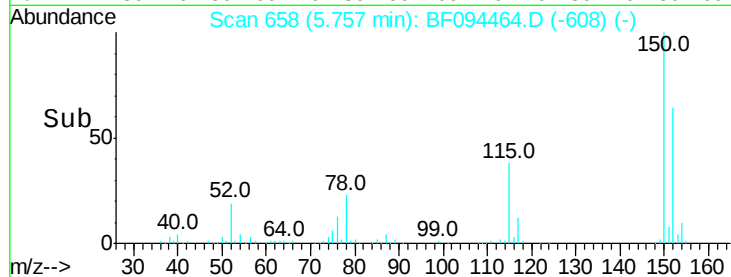
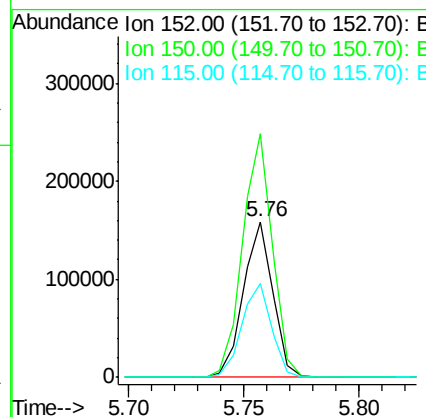
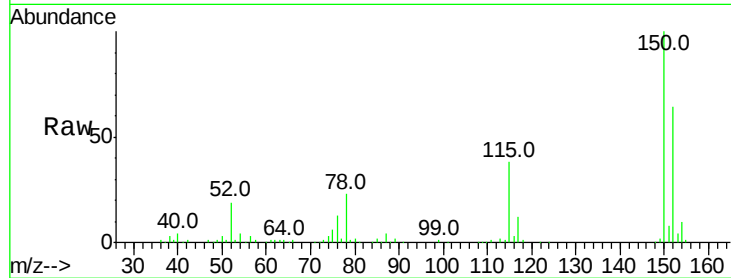
ClientSampleId :

E2-XY9-SSW

Tot Ion:	152	Resp:	141005
Ion Ratio	Lower	Upper	
152	100		
150	156.7	126.2	189.2
115	60.2	52.2	78.2

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#5

2-Fluorophenol

Concen: 31.83 ng

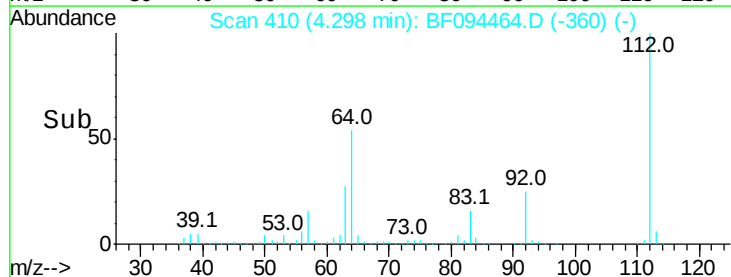
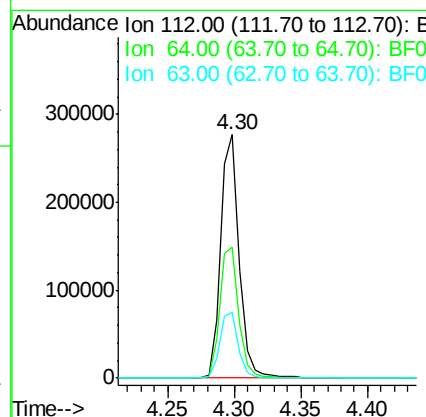
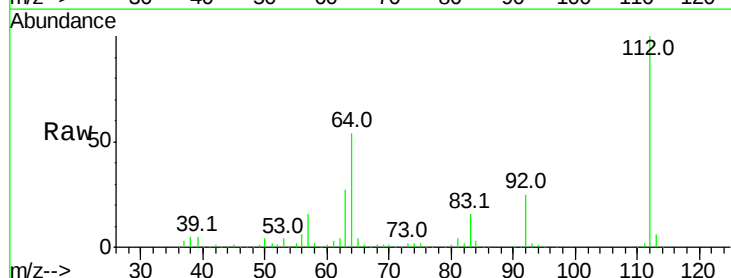
RT: 4.30 min Scan# 410

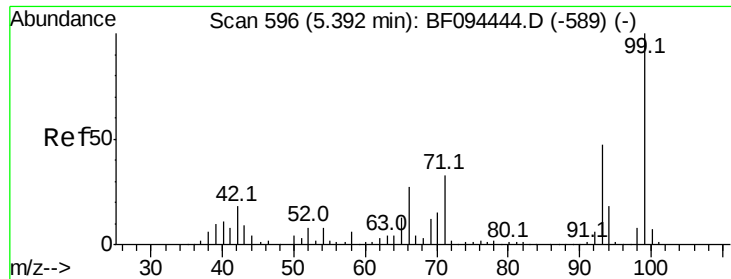
Delta R.T. -0.01 min

Lab File: BF094464.D

Acq: 17 Apr 2017 22:03

Tgt Ion:	112	Resp:	270514
Ion Ratio	Lower	Upper	
112	100		
64	53.8	46.0	69.0
63	27.0	23.4	35.0





#7

Phenol-d6

Concen: 35.09 ng

RT: 5.37 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF094464.D

Acq: 17 Apr 2017 22:03

Instrument :

BNA_F

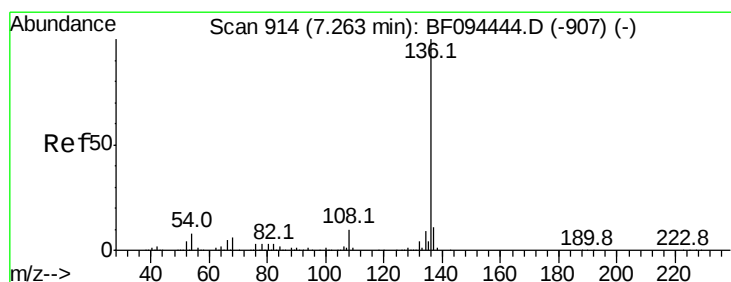
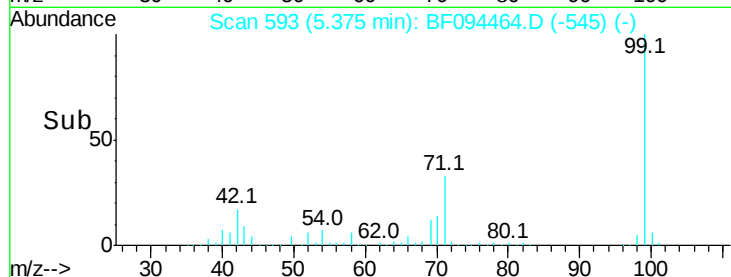
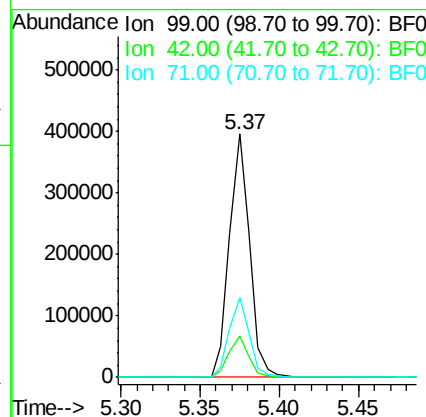
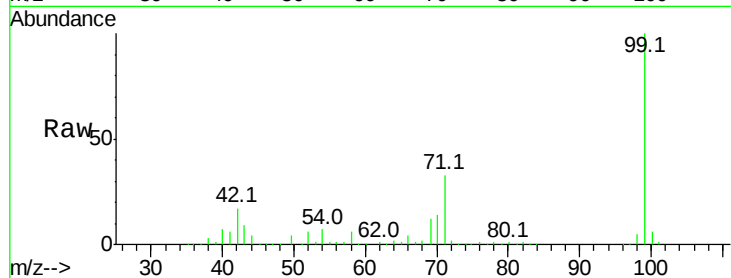
ClientSampled :

E2-XY9-SSW

Tot Ion:	99	Resp:	351585
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.5	20.3
71	32.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

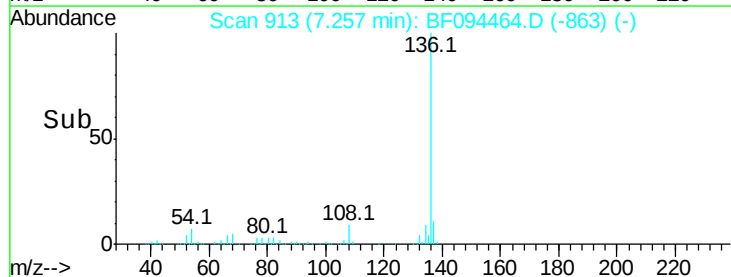
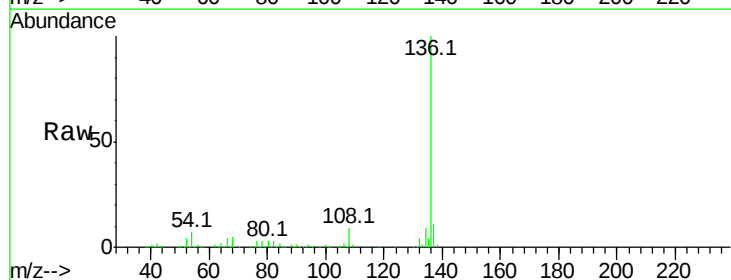
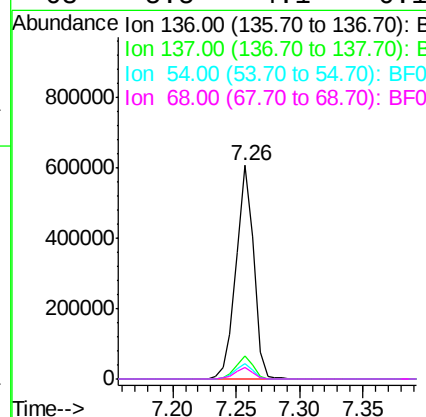
RT: 7.26 min Scan# 913

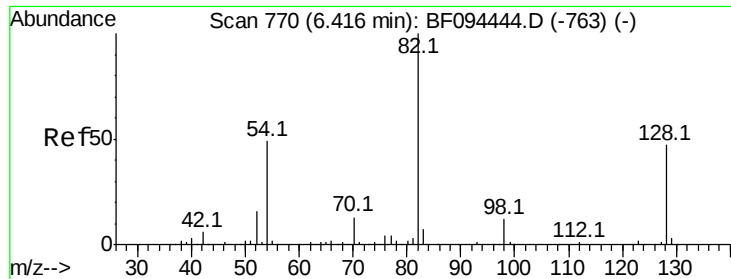
Delta R.T. -0.01 min

Lab File: BF094464.D

Acq: 17 Apr 2017 22:03

Tgt Ion:	136	Resp:	574293
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.2	4.9	7.3
68	5.5	4.1	6.1





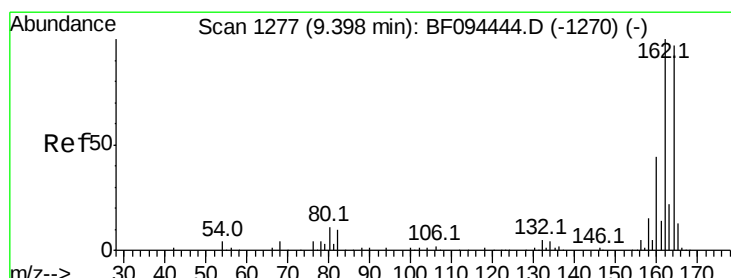
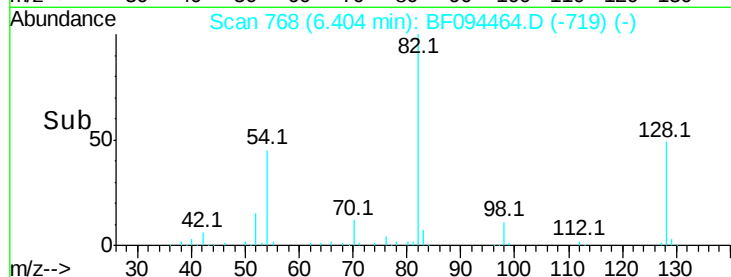
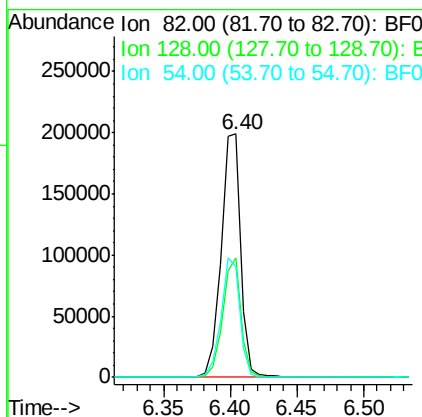
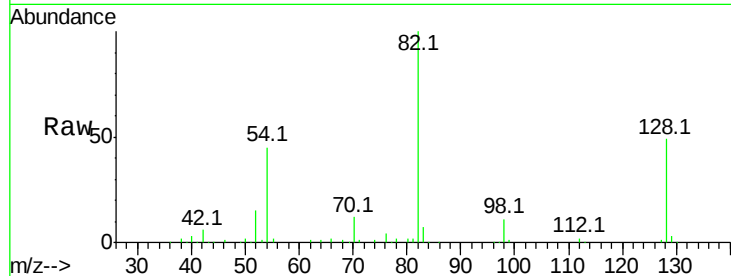
#23
 Nitrobenzene-d5
 Concen: 22.19 ng
 RT: 6.40 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF094464.D
 Acq: 17 Apr 2017 22:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY9-SSW

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.0	51.0
54	45.4	42.2	63.2

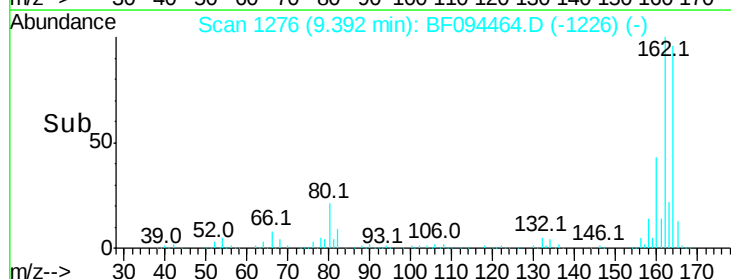
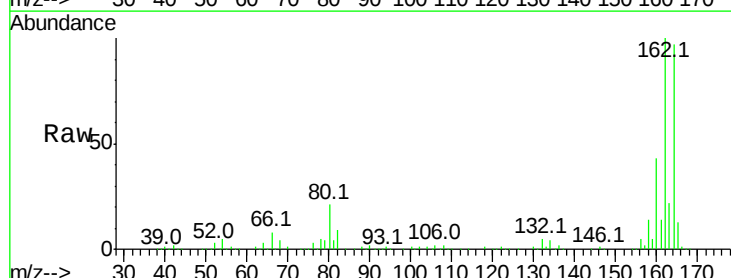
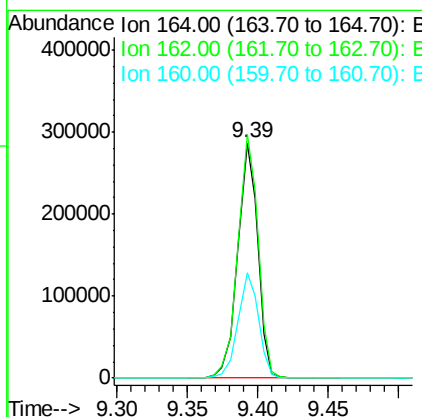
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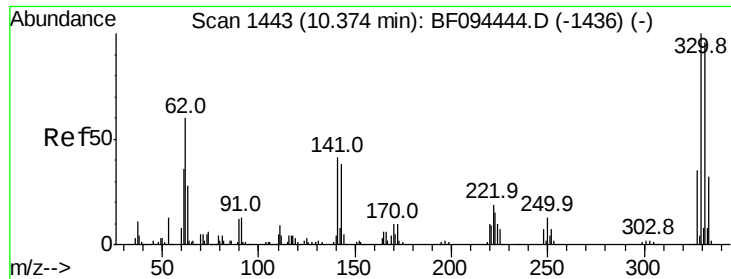
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF094464.D
 Acq: 17 Apr 2017 22:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	44.8	36.2	54.2





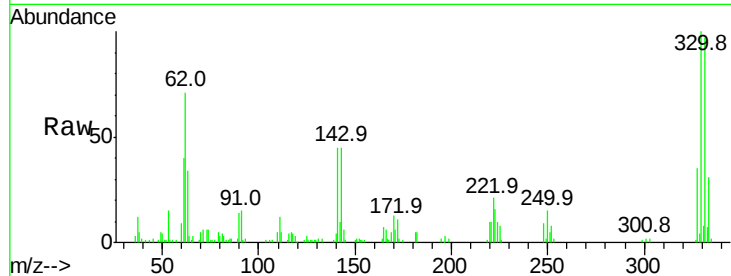
#41
 2,4,6-Tribromophenol
 Concen: 29.32 ng
 RT: 10.36 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF094464.D
 Acq: 17 Apr 2017 22:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY9-SSW

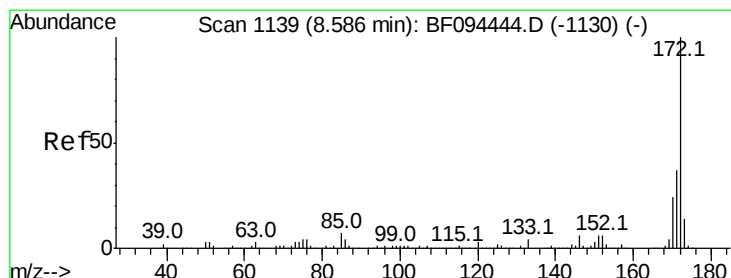
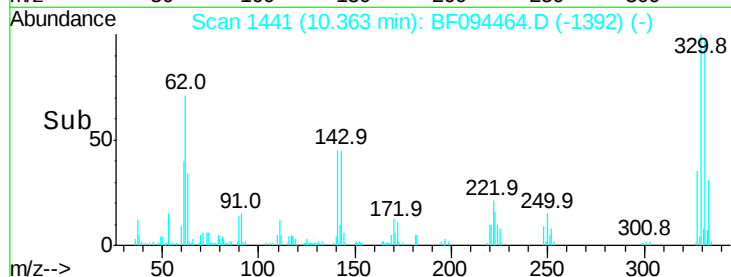
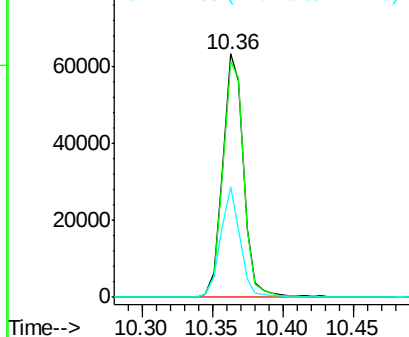
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	42.2	31.4	47.2

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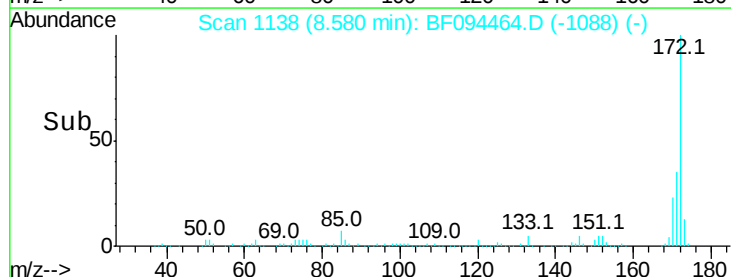
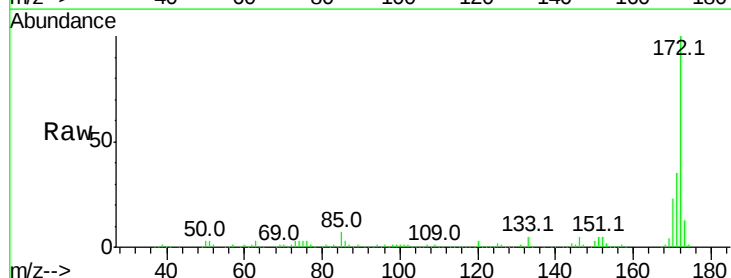
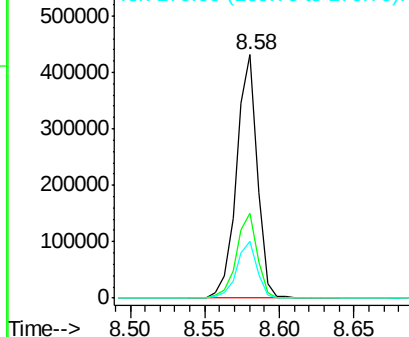
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

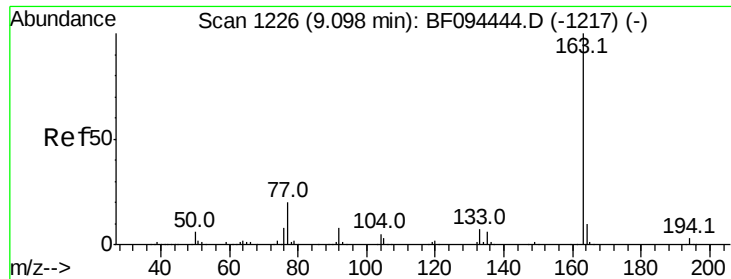


#44
 2-Fluorobiphenyl
 Concen: 21.84 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094464.D
 Acq: 17 Apr 2017 22:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.2	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





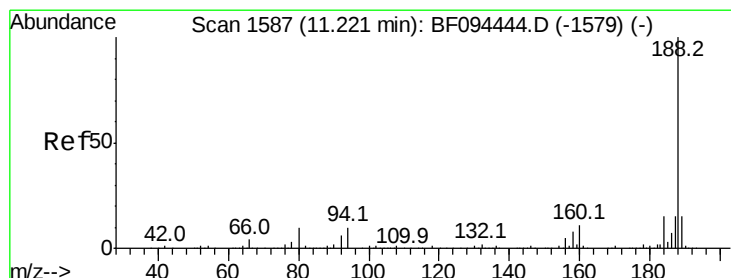
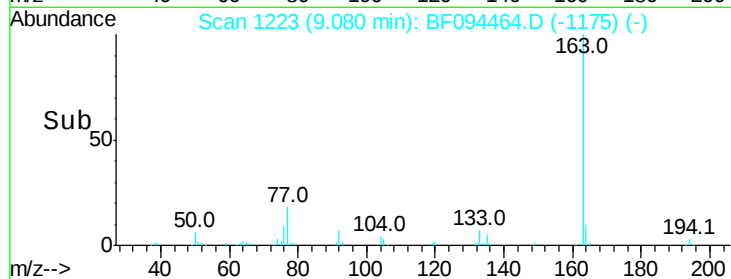
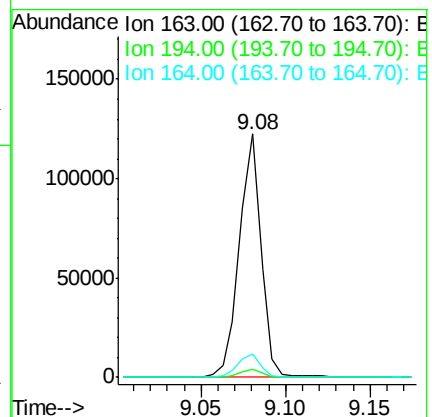
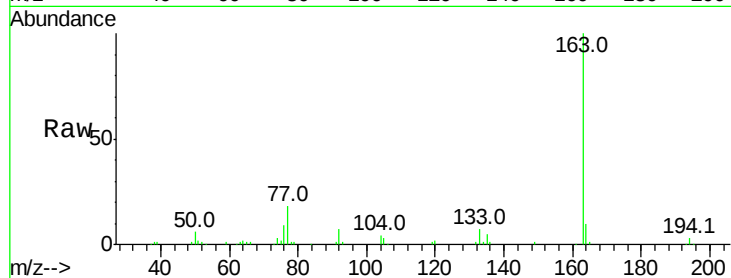
#49
Dimethylphthalate
Concen: 5.22 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-XY9-SSW

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.6	8.4	12.6

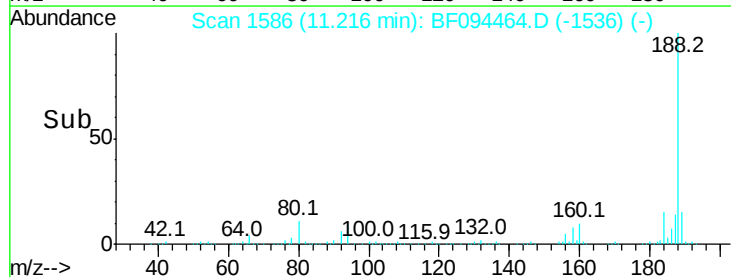
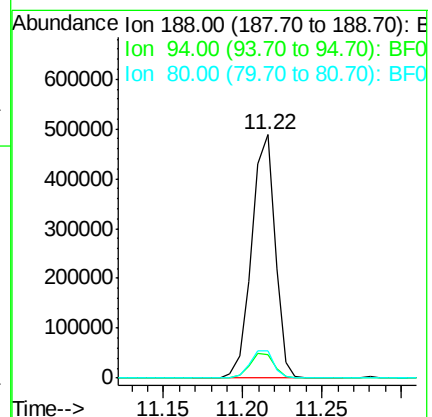
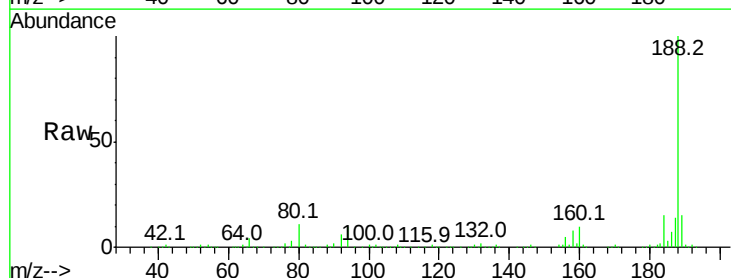
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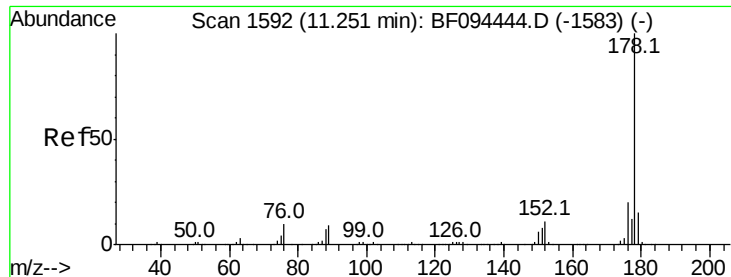
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	9.4	14.2
80	11.0	10.2	15.2





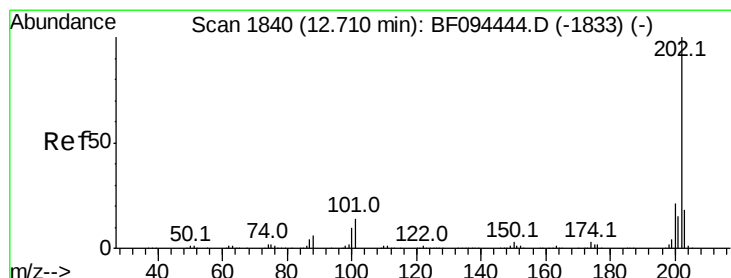
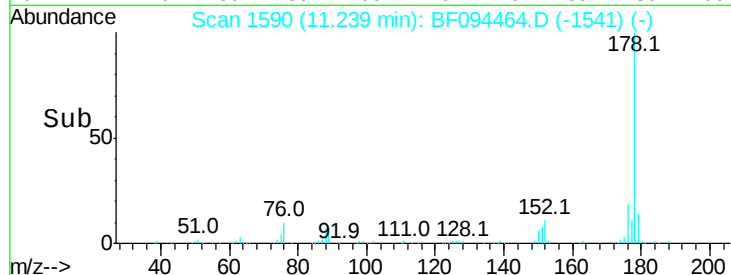
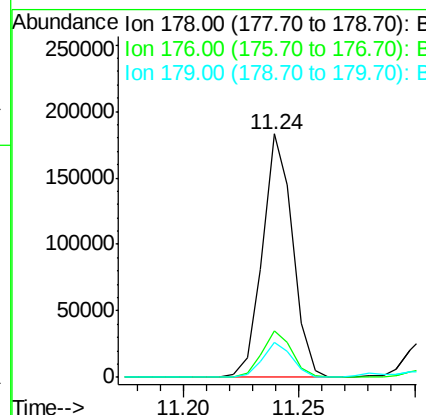
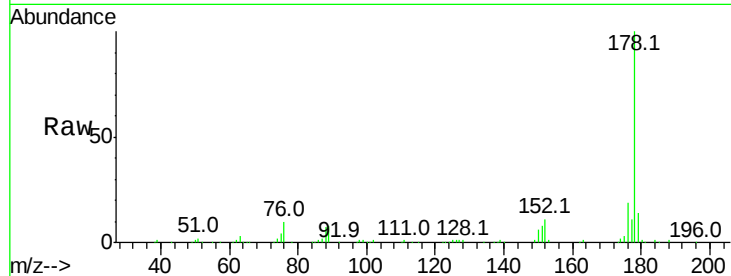
#70
Phenanthrene
Concen: 5.91 ng
RT: 11.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-XY9-SSW

Tot Ion	Ratio	Resp	Lower	Upper
178	100	167275		
176	19.1	16.2	24.4	
179	14.4	12.6	19.0	

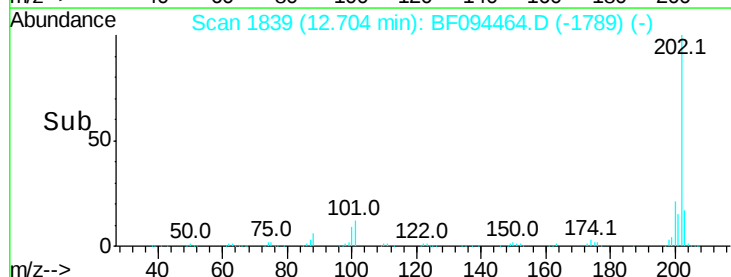
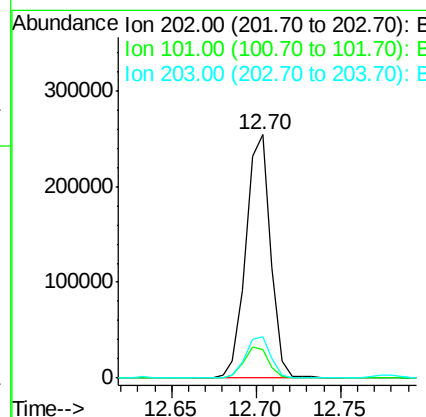
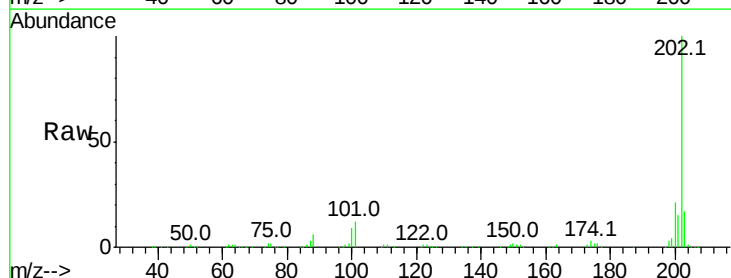
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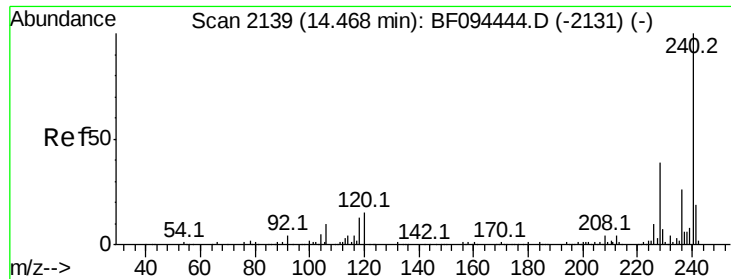
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#74
Fluoranthene
Concen: 8.87 ng
RT: 12.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	260492		
101	12.0	0.0	33.2	
203	17.0	0.0	38.1	





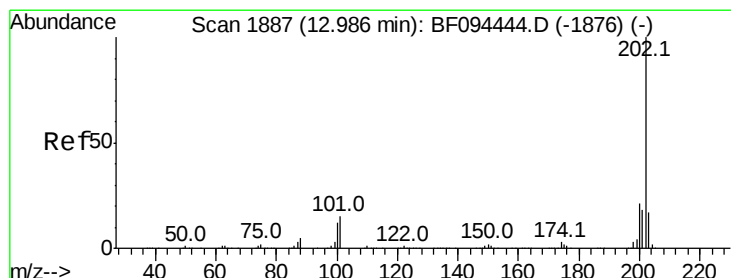
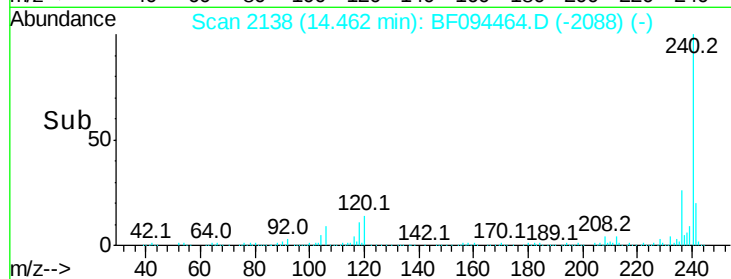
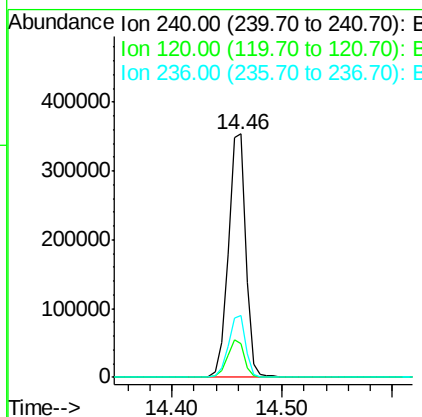
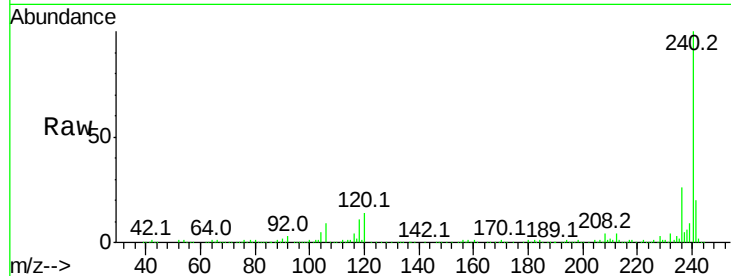
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF094464.D
 Acq: 17 Apr 2017 22:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY9-SSW

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.8	5.8	8.8#	
236	25.6	20.5	30.7	

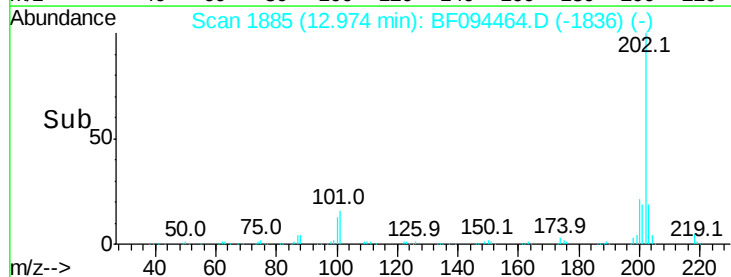
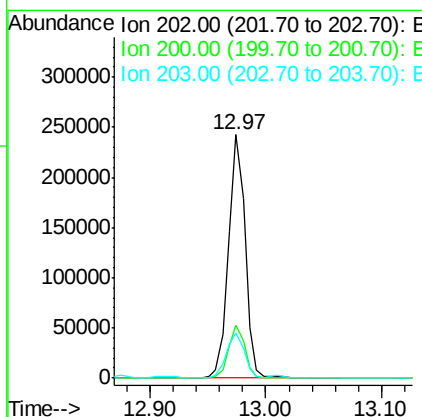
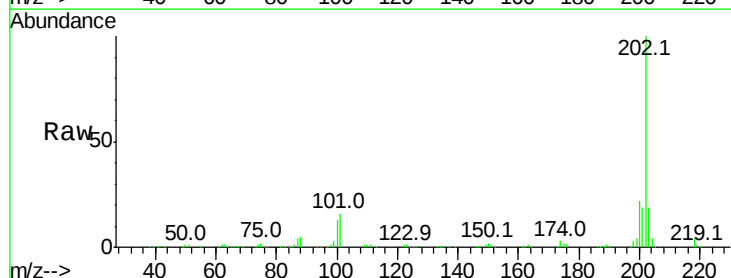
Manual Integrations
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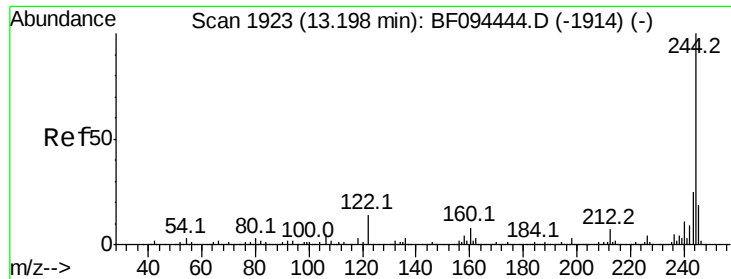
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#77
 Pyrene
 Concen: 8.85 ng
 RT: 12.97 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BF094464.D
 Acq: 17 Apr 2017 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.6	17.6	26.4	
203	18.8	14.4	21.6	





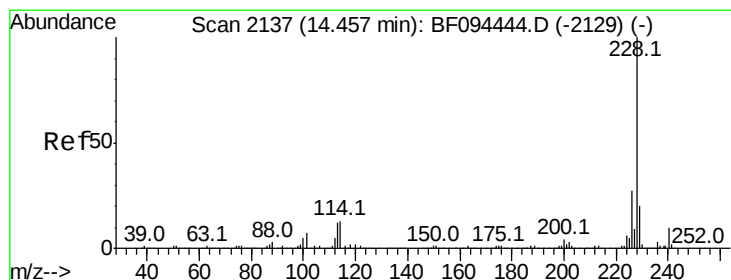
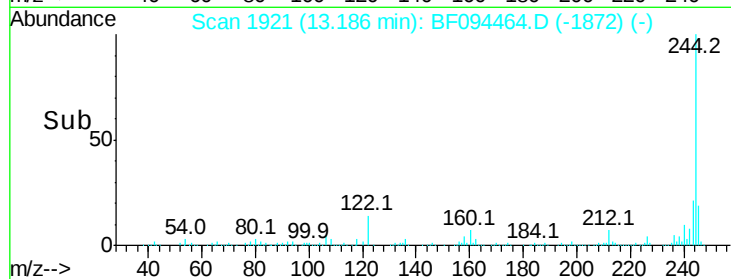
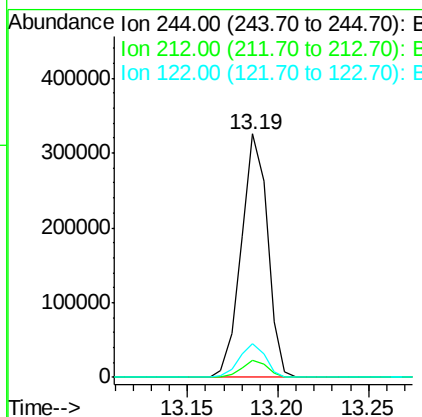
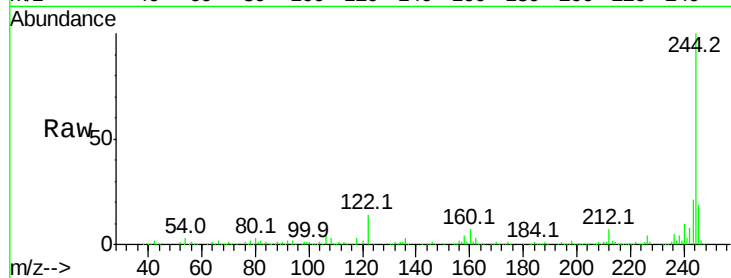
#78
 Terphenyl-d14
 Concen: 22.32 ng
 RT: 13.19 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF094464.D
 Acq: 17 Apr 2017 22:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY9-SSW

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.1	10.3	15.5

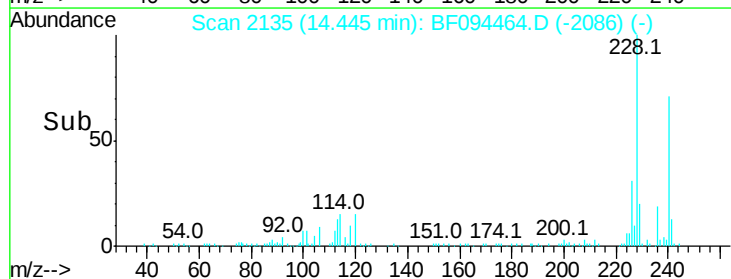
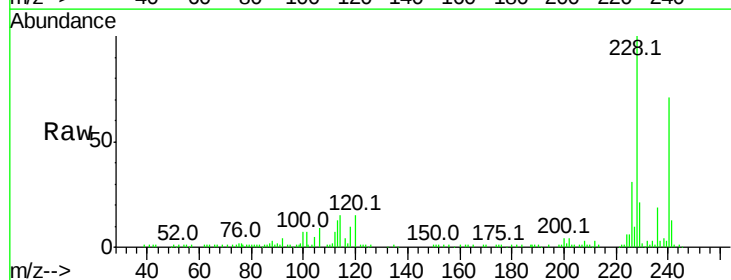
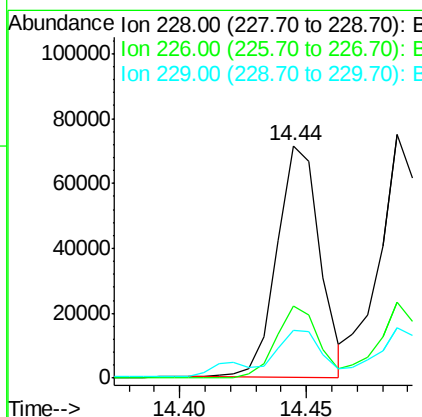
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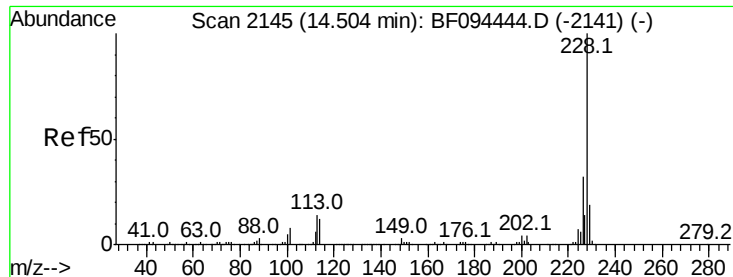
mohammad
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#80
 Benzo(a)anthracene
 Concen: 3.66 ng
 RT: 14.44 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BF094464.D
 Acq: 17 Apr 2017 22:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	20.6	16.3	24.5





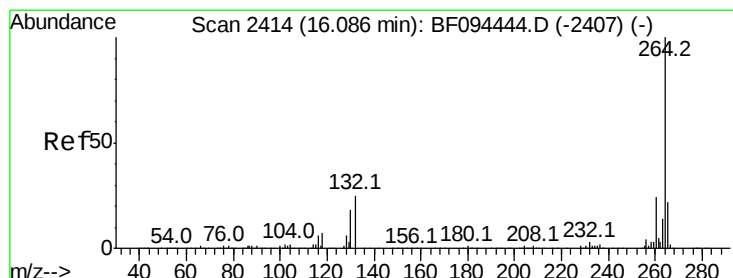
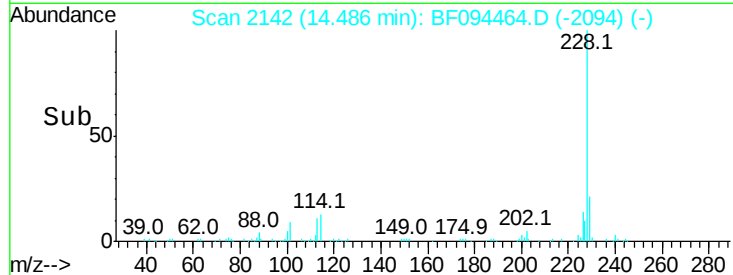
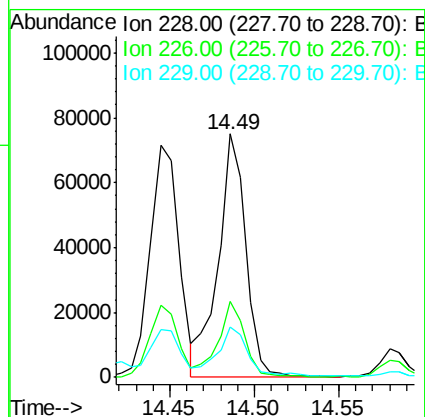
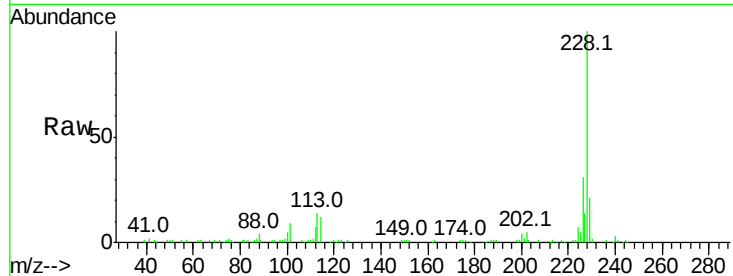
#82
Chrysene
Concen: 4.13 ng
RT: 14.49 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampled :
E2-XY9-SSW

Tot Ion:228	Resp:	86187
Ion Ratio	Lower	Upper
228 100		
226 31.0	24.9	37.3
229 20.6	15.8	23.6

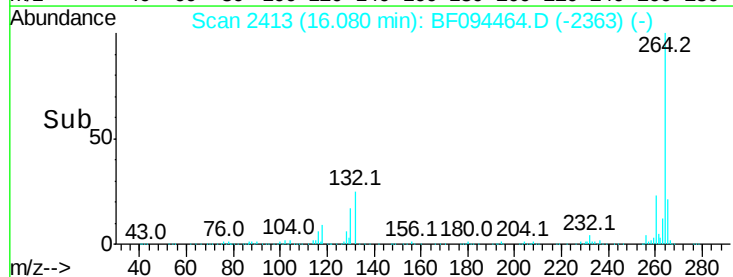
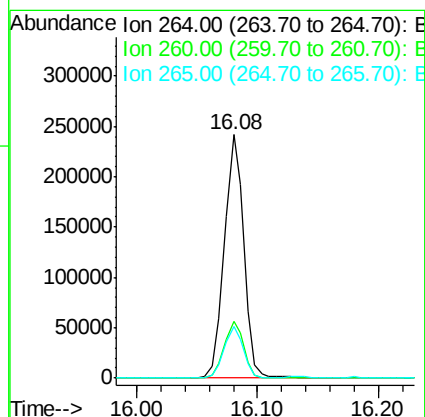
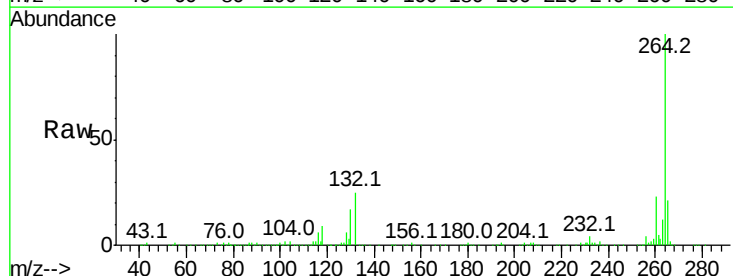
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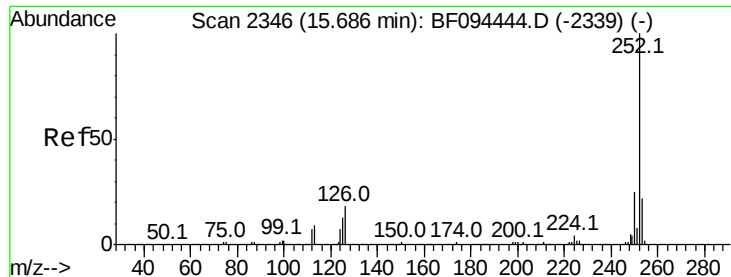
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:264	Resp:	269441
Ion Ratio	Lower	Upper
264 100		
260 23.2	19.5	29.3
265 21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.80 ng

RT: 15.68 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BF094464.D

Acq: 17 Apr 2017 22:03

Instrument :

BNA_F

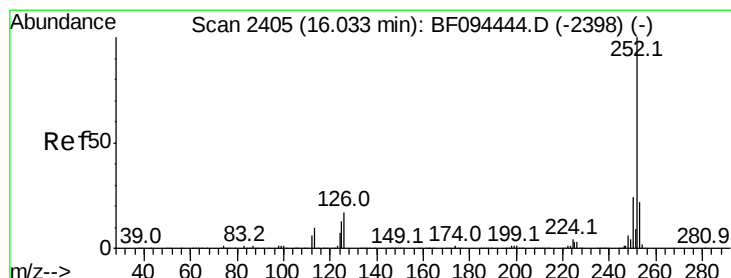
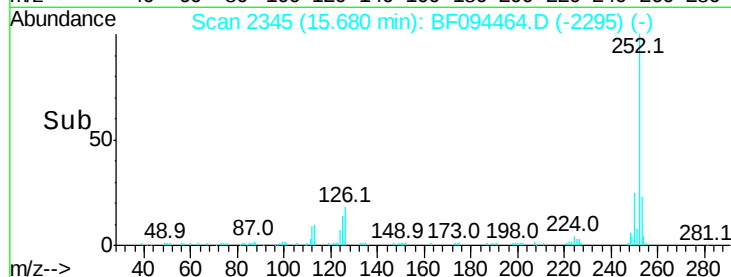
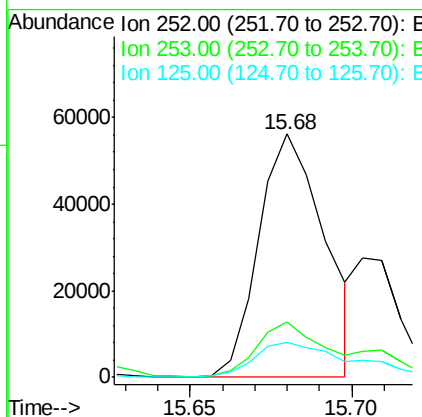
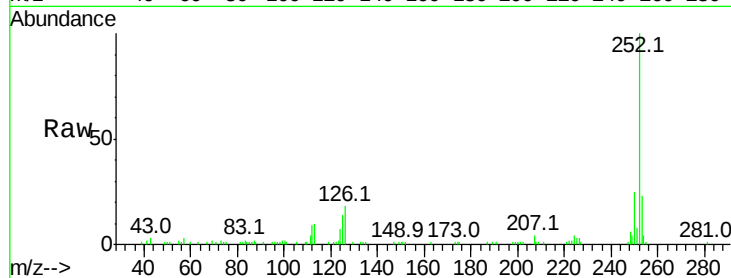
ClientSampleId :

E2-XY9-SSW

Tot Ion:	252	Resp:	79107
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	14.3	9.8	14.8

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#89

Benzo(a)pyrene

Concen: 3.69 ng

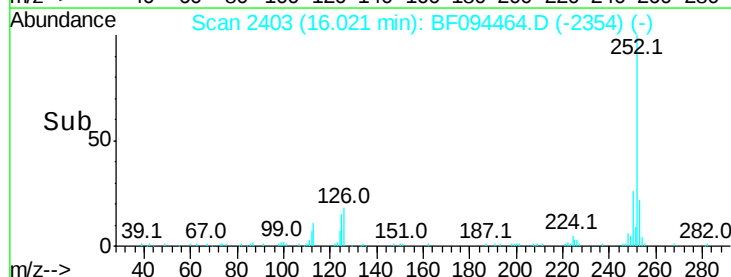
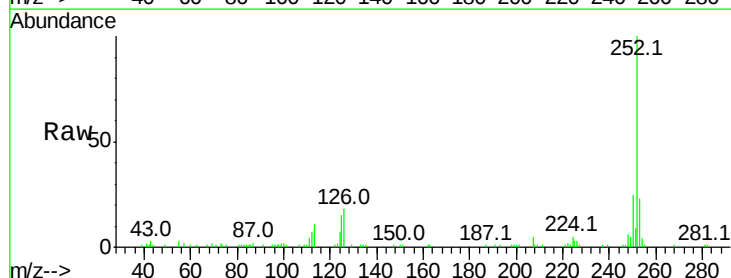
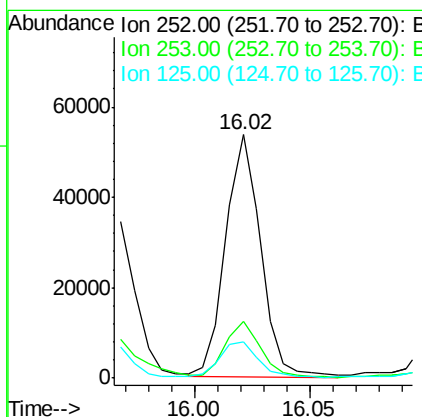
RT: 16.02 min Scan# 2403

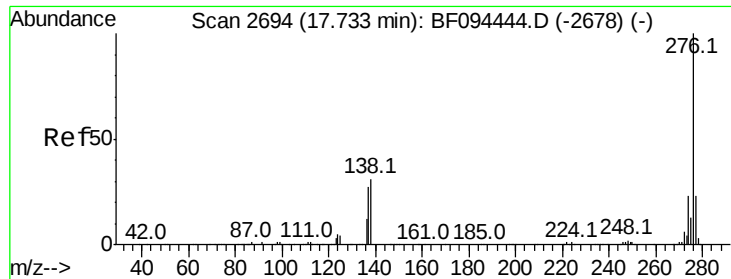
Delta R.T. -0.01 min

Lab File: BF094464.D

Acq: 17 Apr 2017 22:03

Tgt Ion:	252	Resp:	56515
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.5	26.3
125	15.1	11.0	16.4





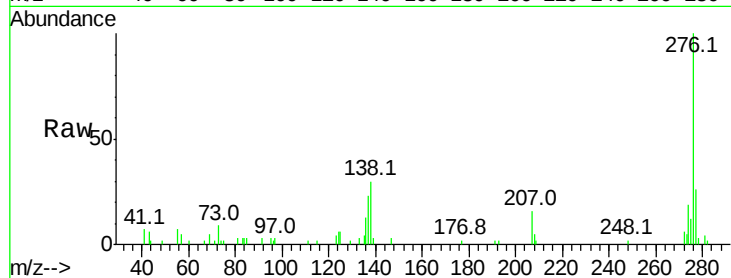
#91
 Benzo(a,h,i)perylene
 Concen: 2.47 ng
 RT: 17.72 min Scan# 2691
 Delta R.T. -0.02 min
 Lab File: BF094464.D
 Acq: 17 Apr 2017 22:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY9-SSW

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	28.0
138	29.6	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

