Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095299.D
Acq On : 20 May 2017 12:02
Operator : SJ/MA
Sample : I3203-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-R4-BASE

Manual Integrations APPROVED
mohammad
5/22/2017 1:30:28 PM

Quant Time: May 22 04:00:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	94859	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	375936	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	151050	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	208367	20.00	ng		0.00
75) Chrysene-d12	18.69	240	180274	20.00	ng		0.00
86) Perylene-d12	20.37	264	145172	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	577043	101.42	ng		0.00
7) Phenol-d6	7.30	99	749947	109.85	ng		-0.01
23) Nitrobenzene-d5	8.66	82	434140	72.82	ng		-0.01
41) 2,4,6-Tribromophenol	13.91	330	107092	86.57	ng		0.00
44) 2-Fluorobiphenyl	11.55	172	756928	72.13	ng		-0.01
78) Terphenyl-d14	17.33	244	406592	49.68	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	12.25	163	174331	14.06	ng		98
70) Phenanthrene	15.06	178	79750	6.66	ng		97
74) Fluoranthene	16.80	202	109462	8.91	ng		97
77) Pyrene	17.10	202	103365	7.67	ng		97
80) Benzo(a)anthracene	18.68	228	45625	4.35	ng		96
82) Chrysene	18.72	228	54112	5.33	ng		95
85) Indeno(1,2,3-cd)pyrene	21.72	276	17526	2.13	ng		96
87) Benzo(b)fluoranthene	19.97	252	42502m	4.74	ng		
88) Benzo(k)fluoranthene	19.99	252	21520m	2.49	ng		
89) Benzo(a)pyrene	20.31	252	35588	4.30	ng		97
91) Benzo(g,h,i)perylene	22.12	276	16277	2.43	ng	#	91

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

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Misc :
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Instrument :
BNA_F
ClientSampleId :
E2-R4-BASE

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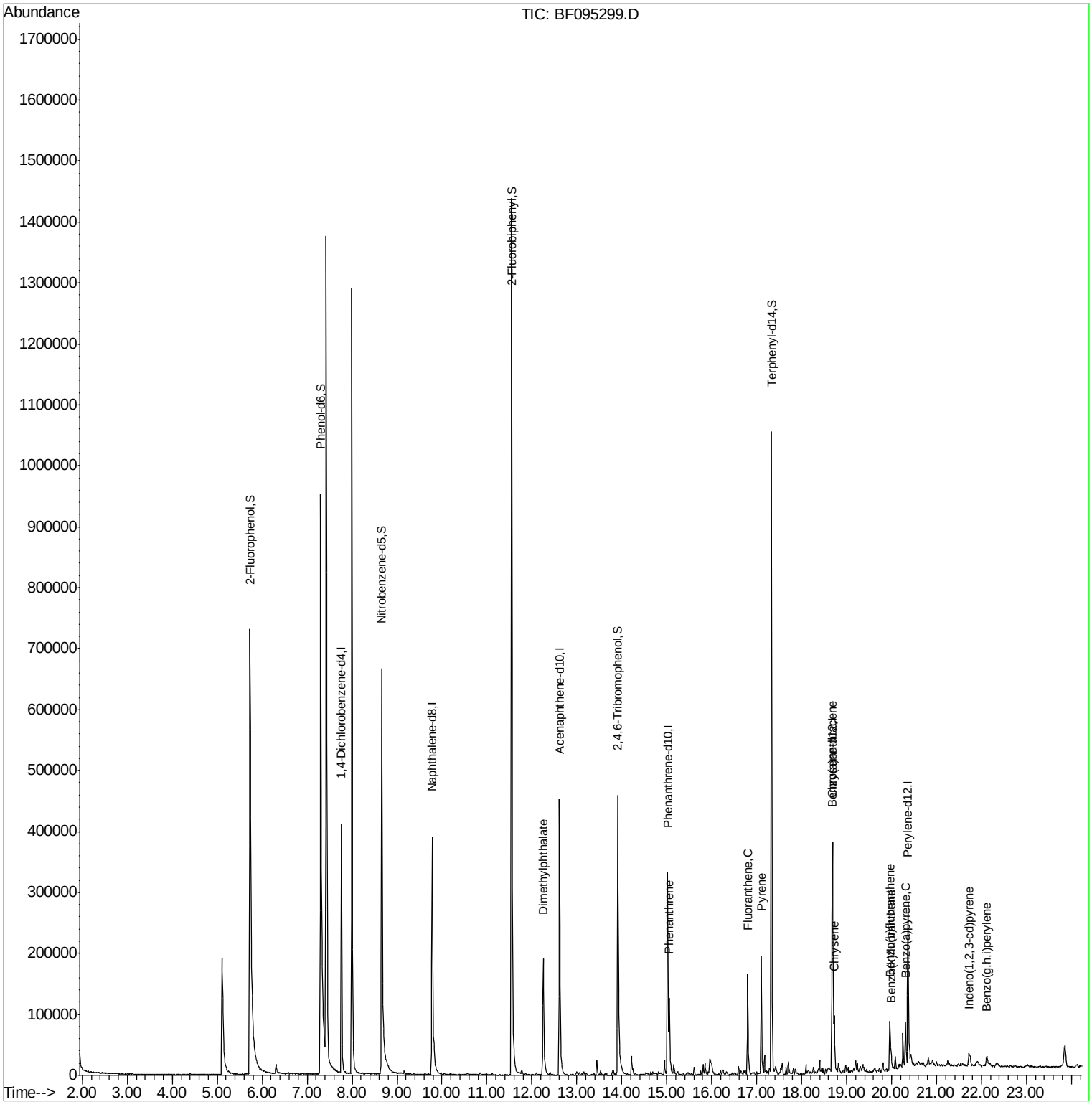
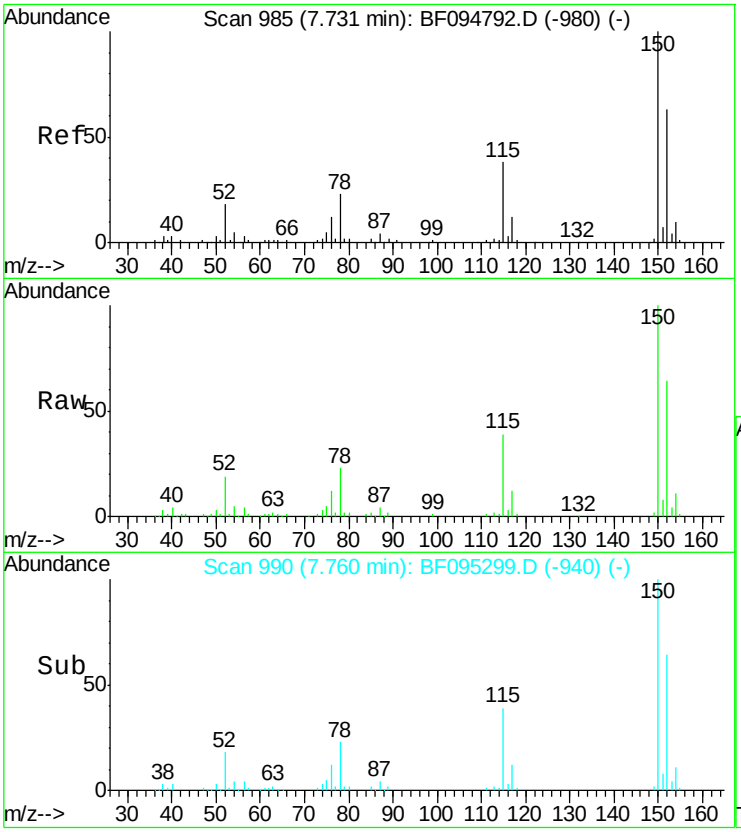
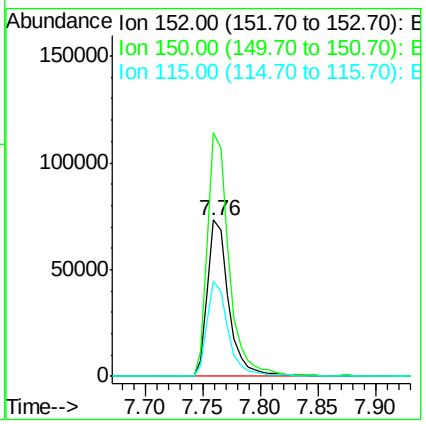




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:152 Resp: 94859

Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	60.7	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
E2-R4-BASE

Manual Integrations APPROVED
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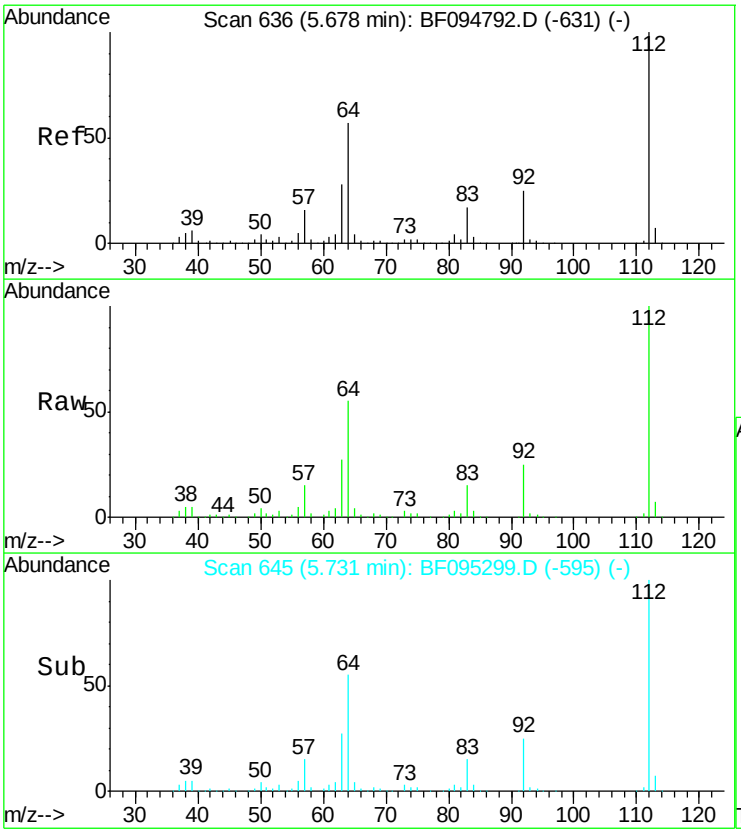
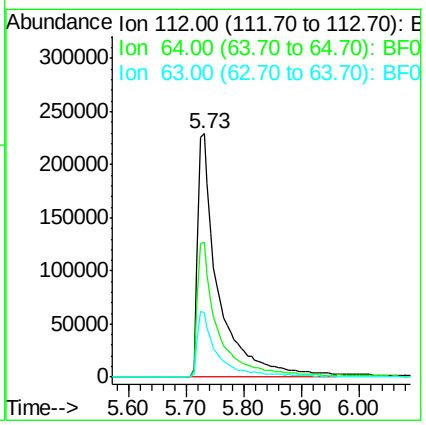
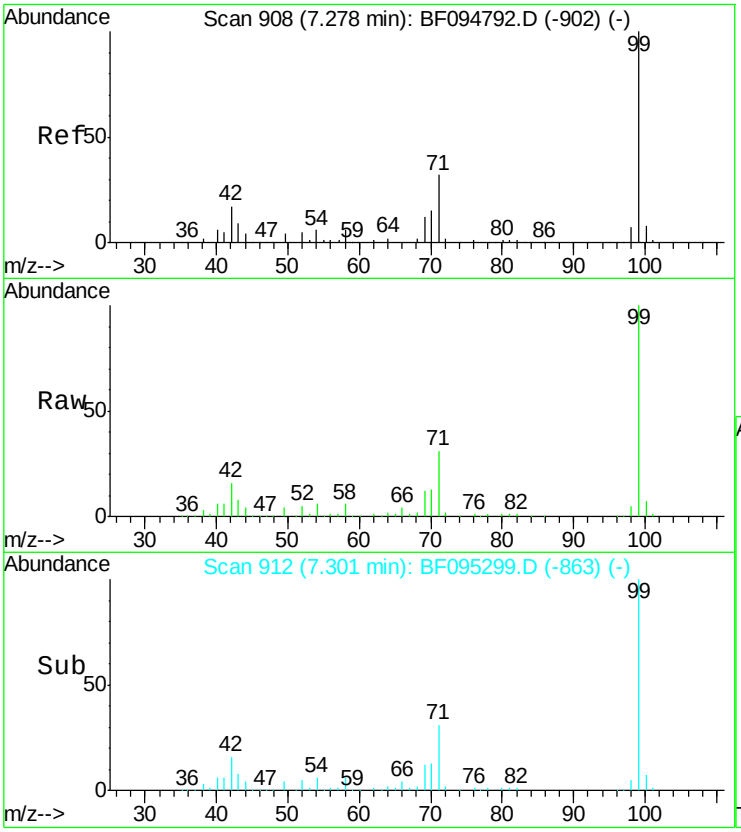


#5
2-Fluorophenol
Concen: 101.42 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:112 Resp: 577043

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	26.6	23.4	35.0

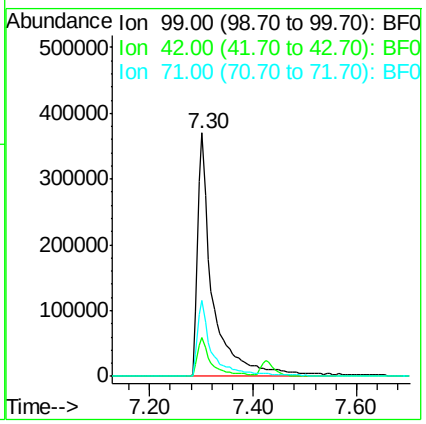




#7
Phenol-d6
Concen: 109.85 ng
RT: 7.30 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion: 99 Resp: 749947

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	31.2	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
E2-R4-BASE

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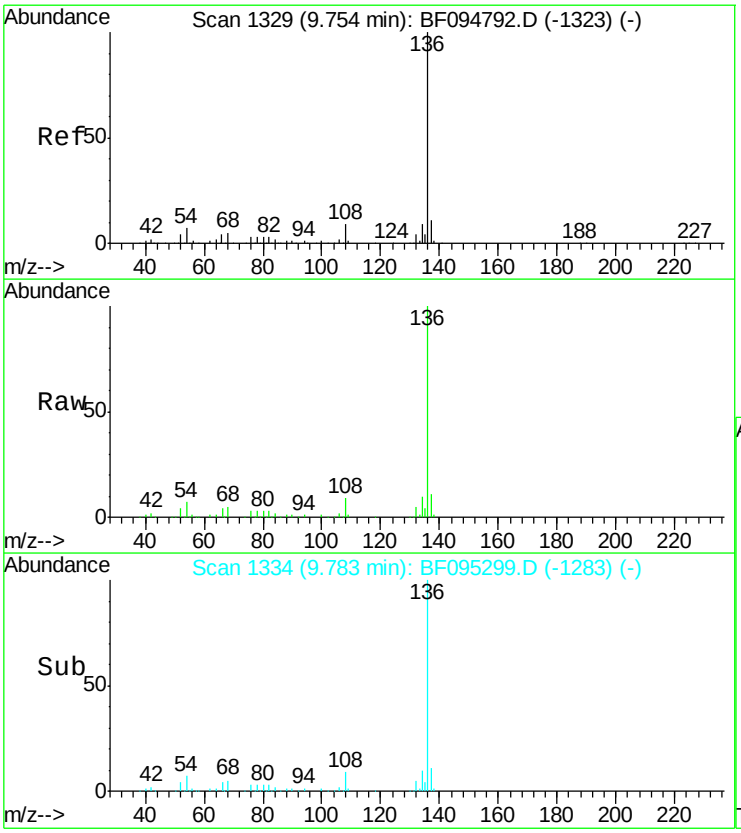
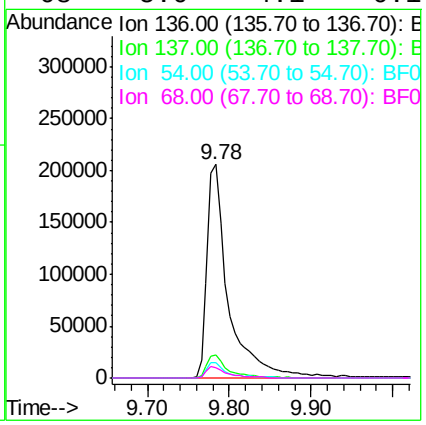
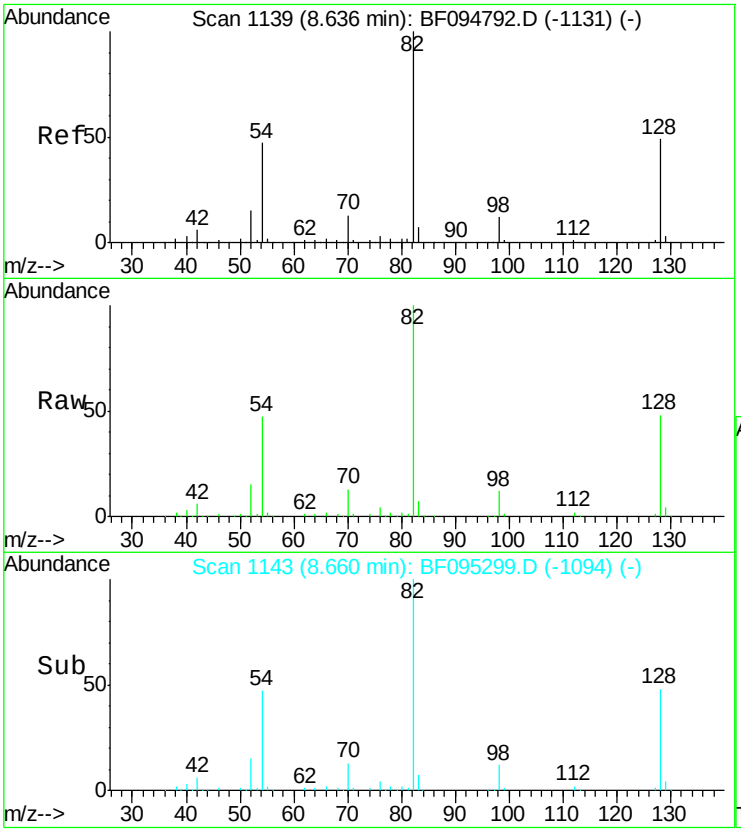


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:136 Resp: 375936

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.0	4.9	7.3
68	5.0	4.1	6.1

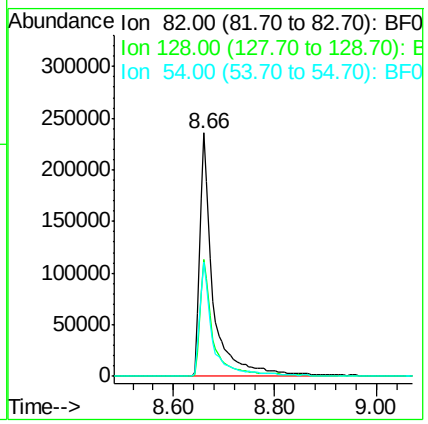




#23
Nitrobenzene-d5
Concen: 72.82 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion: 82 Resp: 434140

Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.0	51.0
54	47.2	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
E2-R4-BASE

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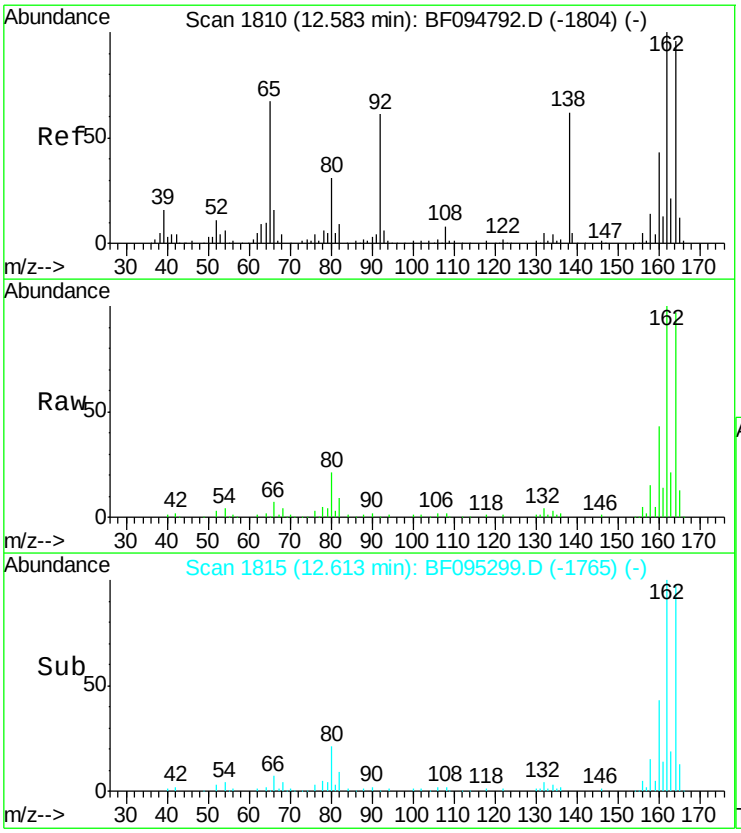
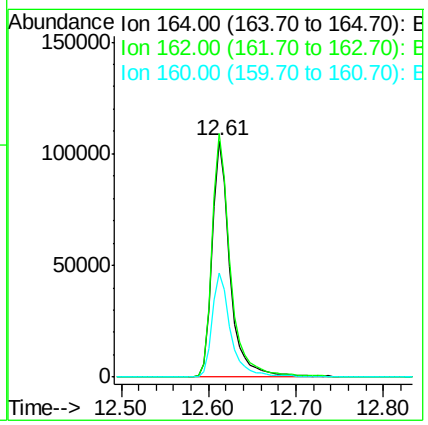
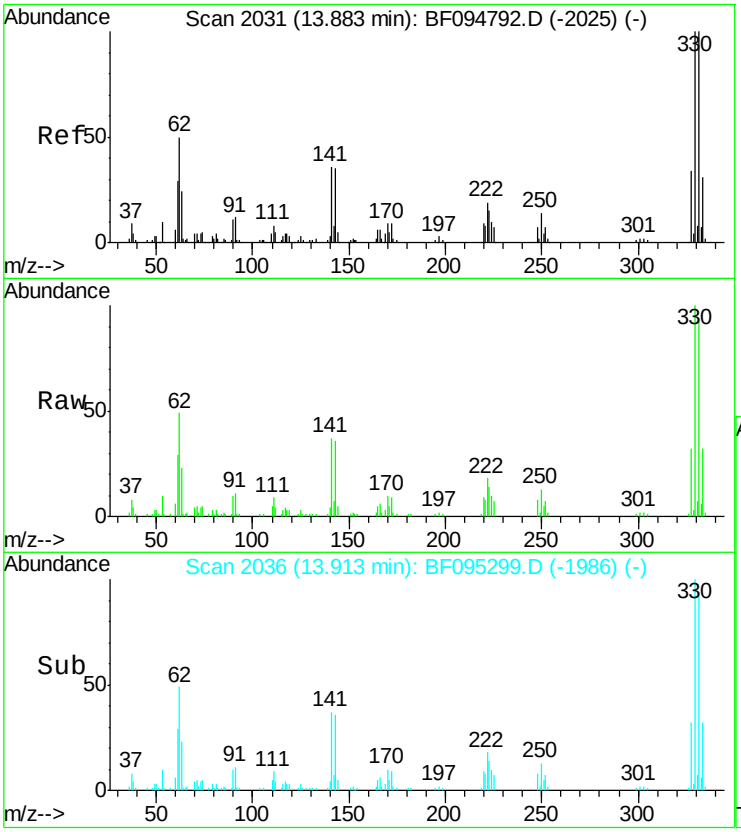


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:164 Resp: 151050

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	43.9	36.2	54.2

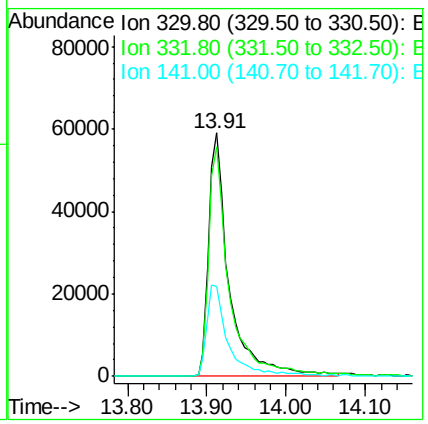




#41
2,4,6-Tribromophenol
Concen: 86.57 ng
RT: 13.91 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:330 Resp: 107092

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	115.0
141	39.2	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
E2-R4-BASE

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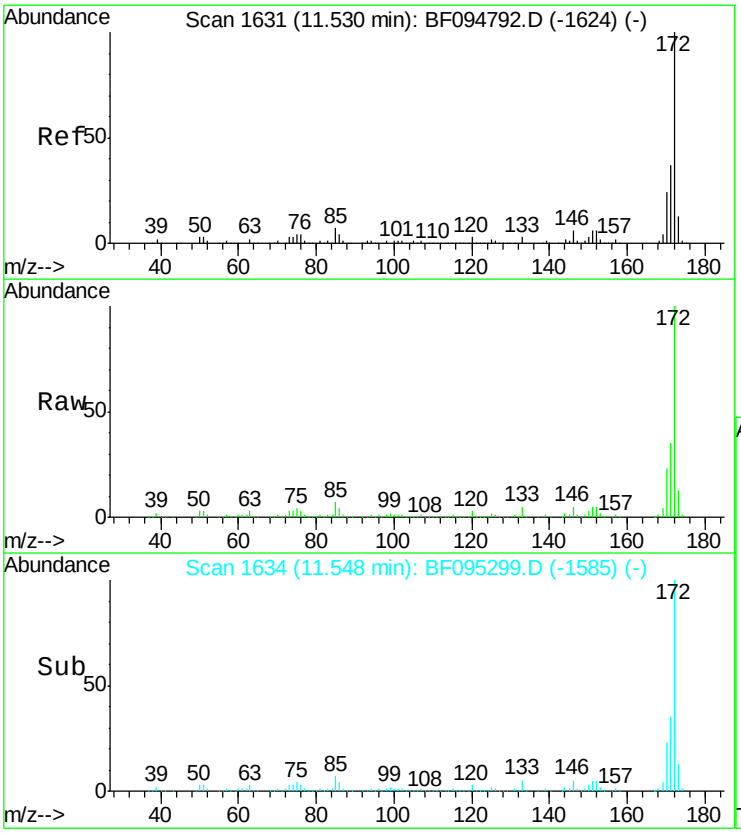
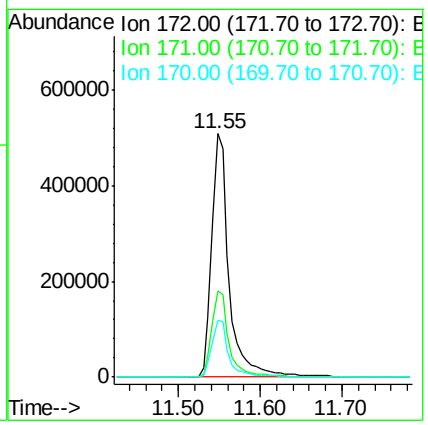
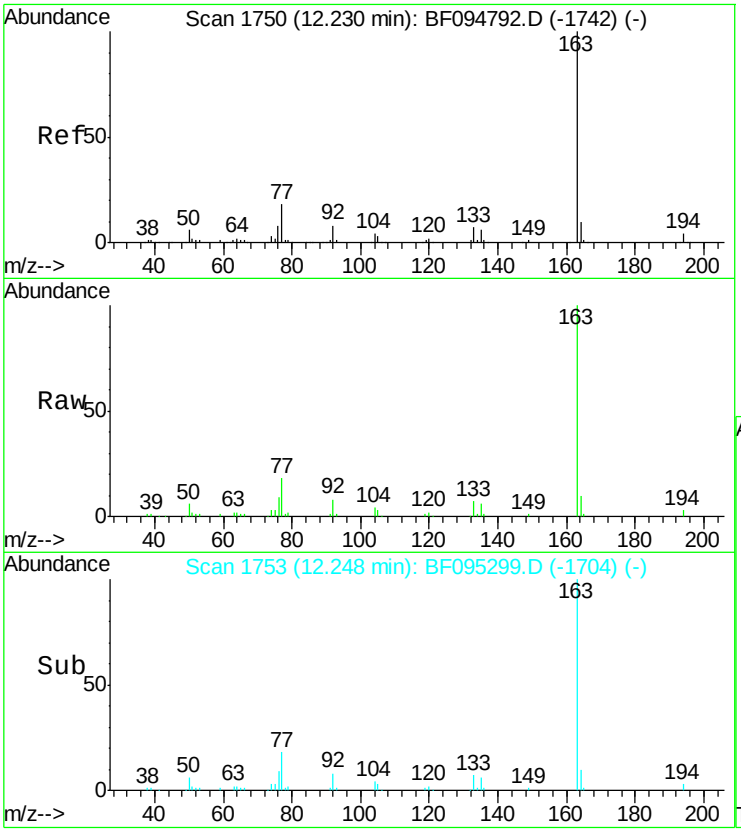


#44
2-Fluorobiphenyl
Concen: 72.13 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:172 Resp: 756928

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.1	19.8	29.8





#49
Dimethylphthalate
Concen: 14.06 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:163 Resp: 174331

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	8.4	12.6

Instrument :
BNA_F
ClientSampleId :
E2-R4-BASE

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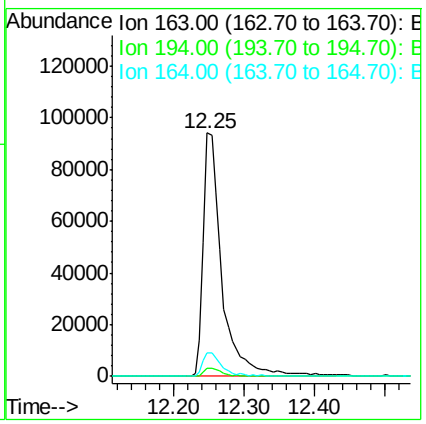
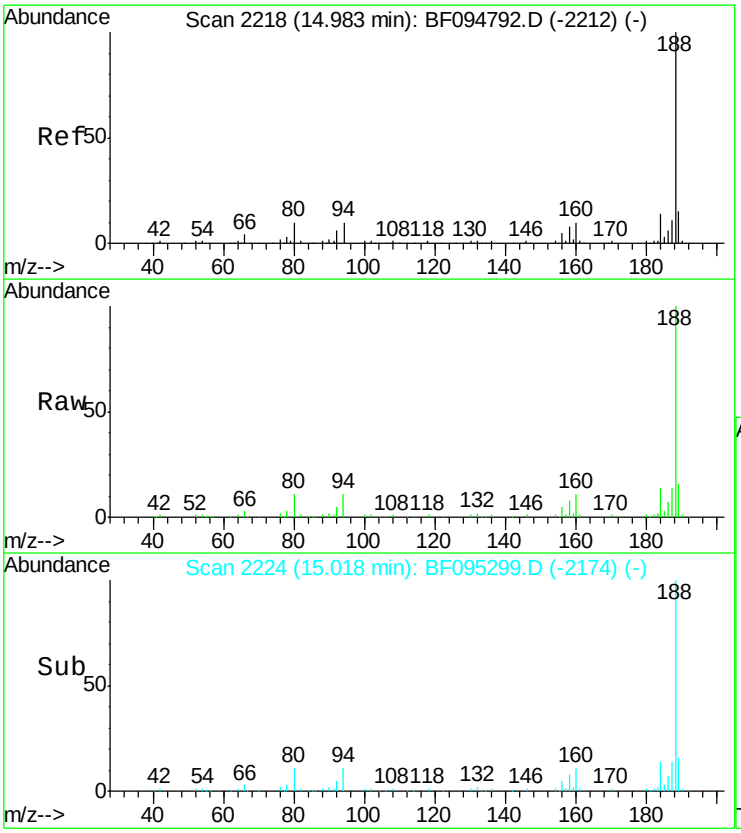
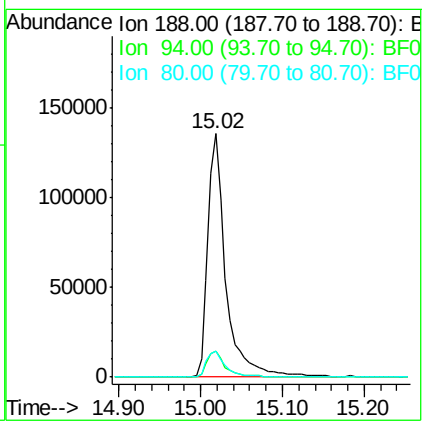


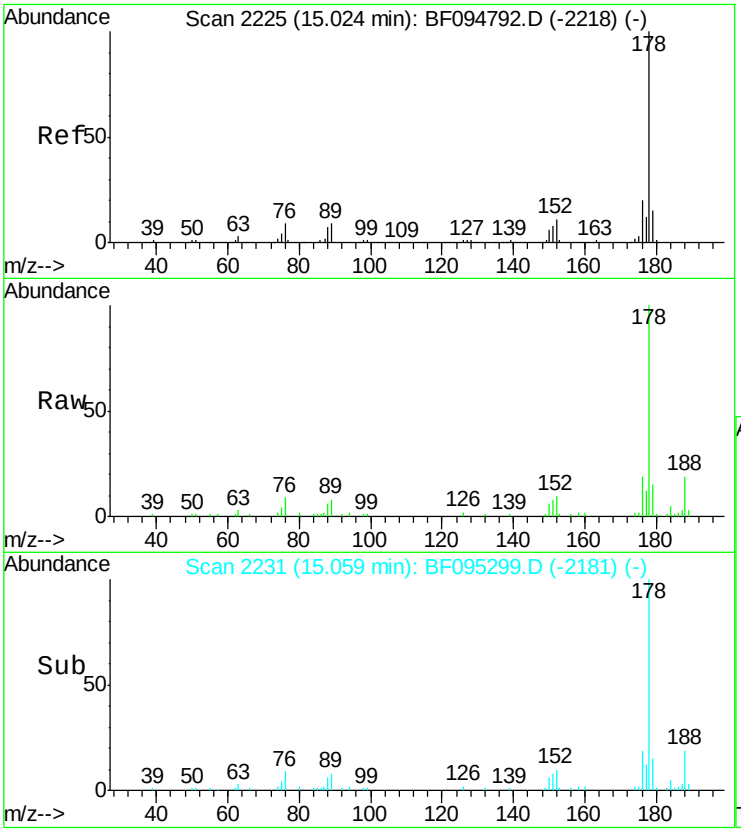


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:188 Resp: 208367

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	10.9	10.2	15.2

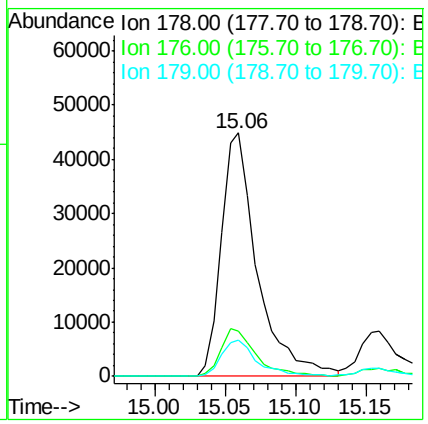




#70
Phenanthrene
Concen: 6.66 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:178 Resp: 79750

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	15.1	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
E2-R4-BASE

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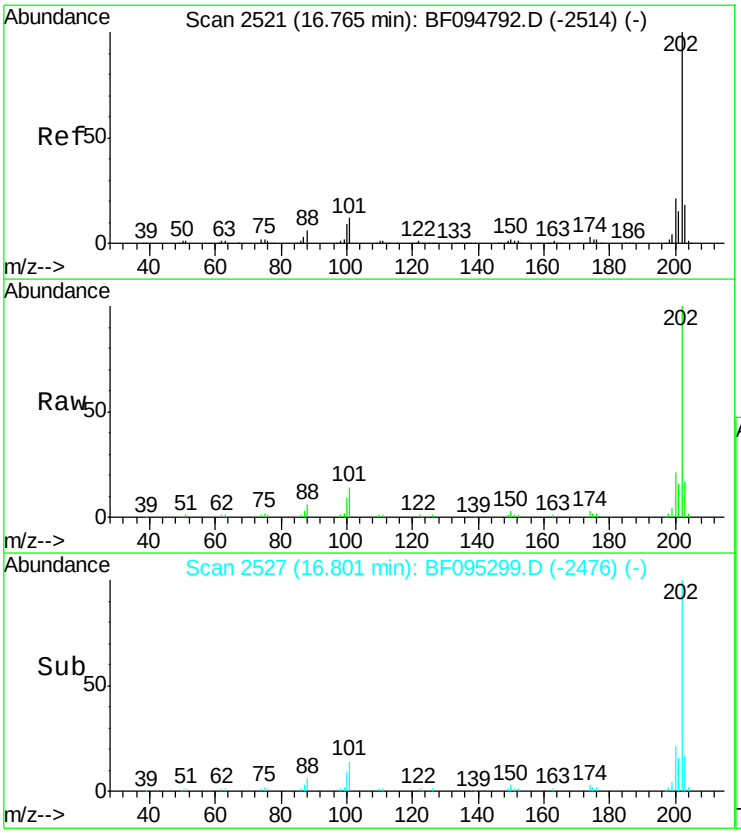
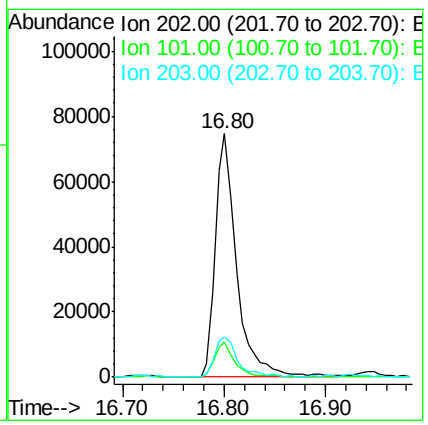
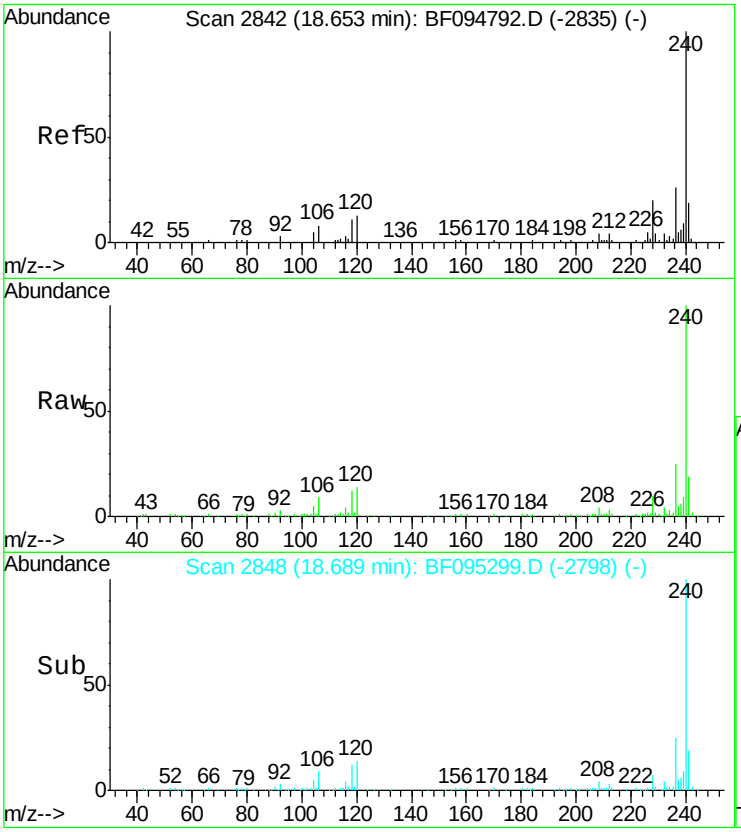


#74
Fluoranthene
Concen: 8.91 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:202 Resp: 109462

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	16.5	0.0	38.1





#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:240 Resp: 180274

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.1	20.5	30.7

Instrument :
BNA_F
ClientSampleId :
E2-R4-BASE

Manual Integrations APPROVED
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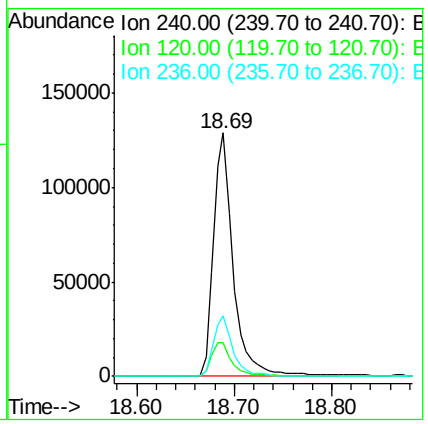
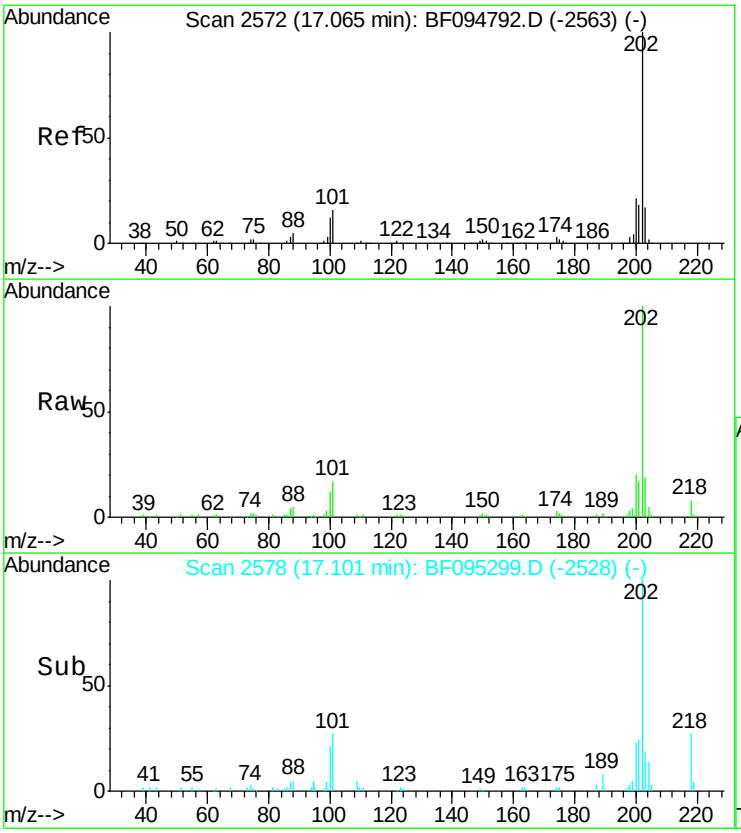
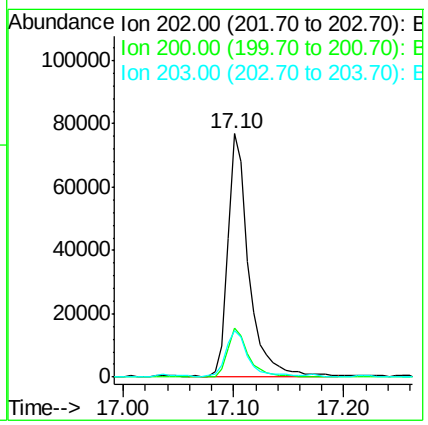


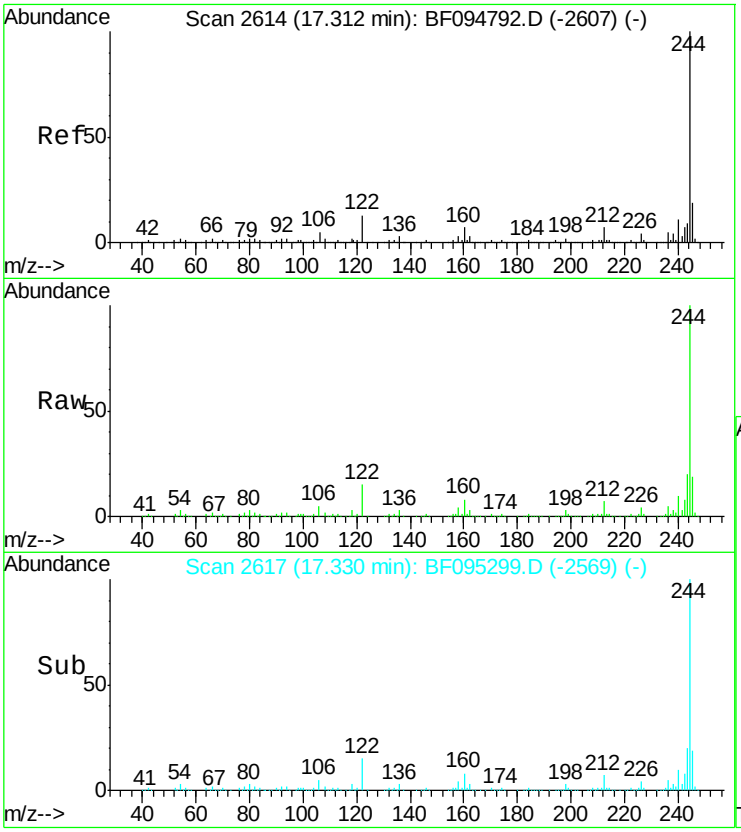


#77
Pyrene
Concen: 7.67 ng
RT: 17.10 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:202 Resp: 103365

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	19.0	14.4	21.6

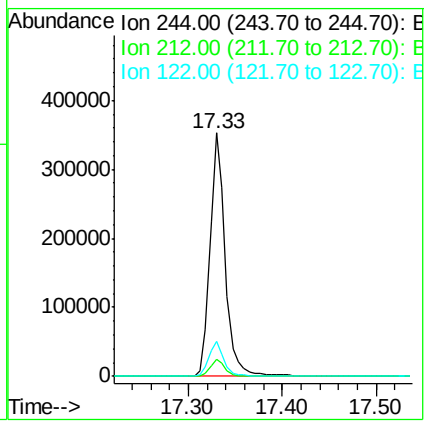




#78
Terphenyl-d14
Concen: 49.68 ng
RT: 17.33 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:244 Resp: 406592

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.6	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
E2-R4-BASE

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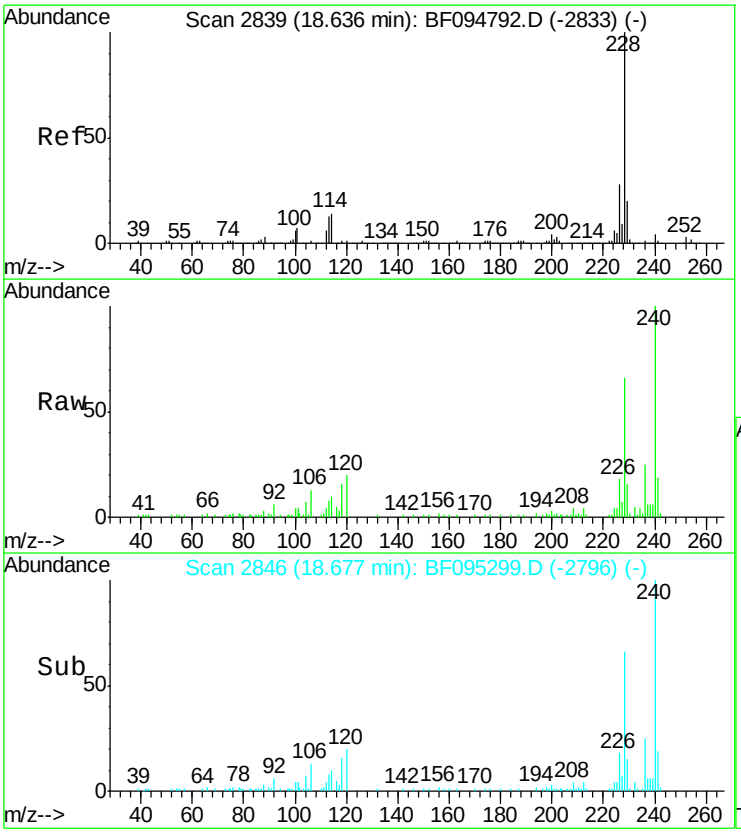
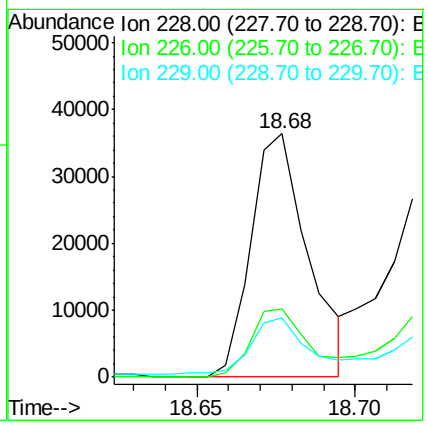
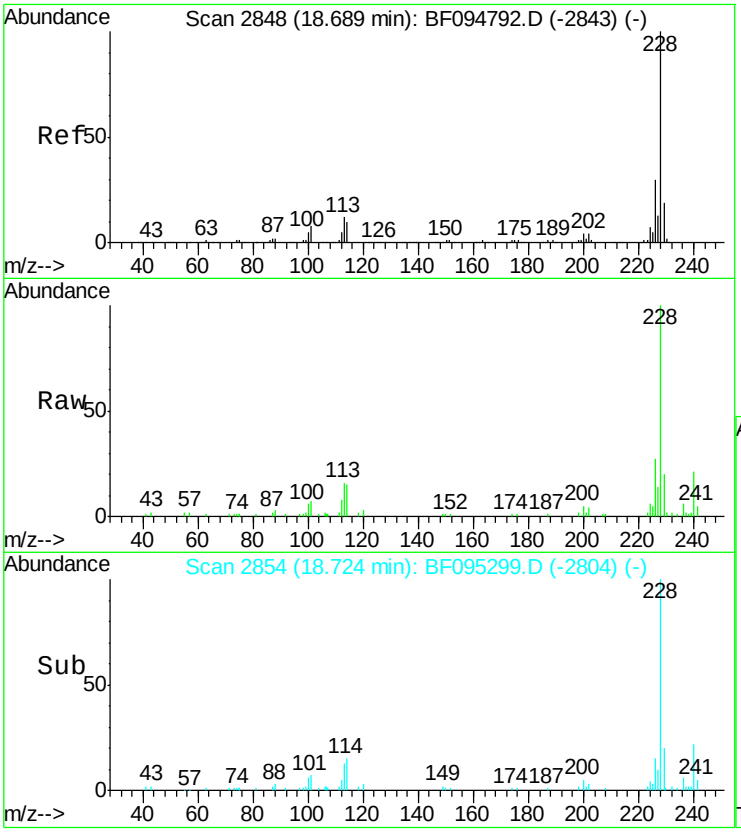


#80
Benzo(a)anthracene
Concen: 4.35 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:228 Resp: 45625

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	24.3	16.3	24.5

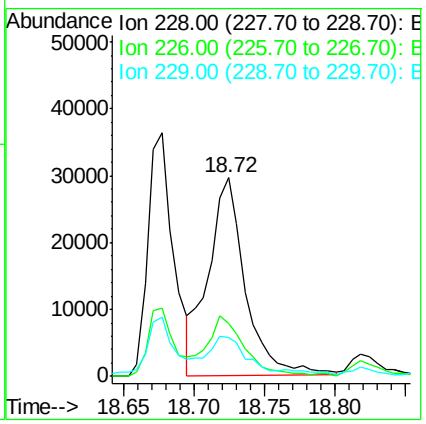




#82
Chrysene
Concen: 5.33 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:228 Resp: 54112

Ion	Ratio	Lower	Upper
228	100		
226	26.8	24.9	37.3
229	19.6	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
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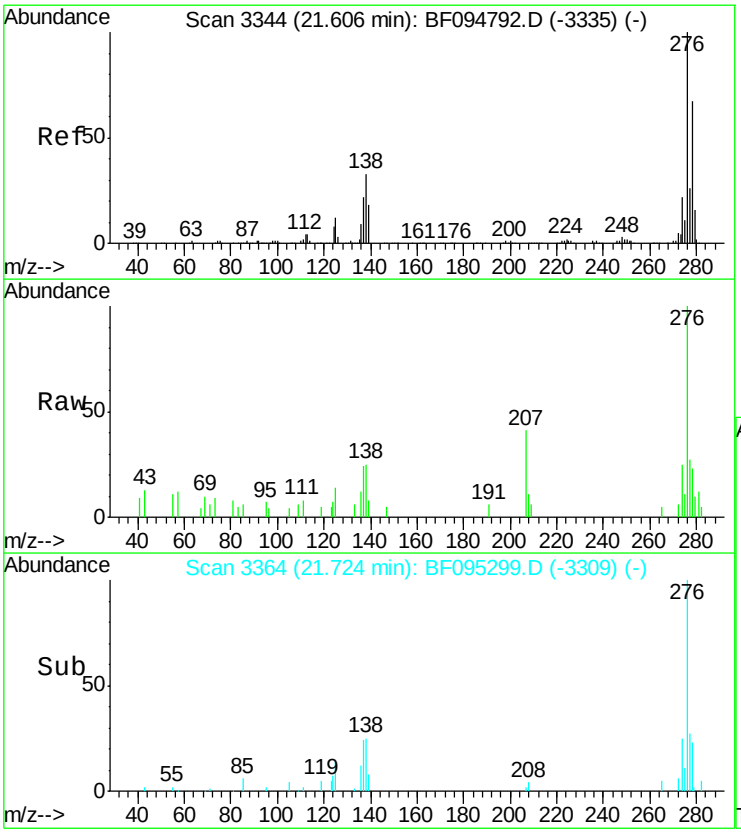
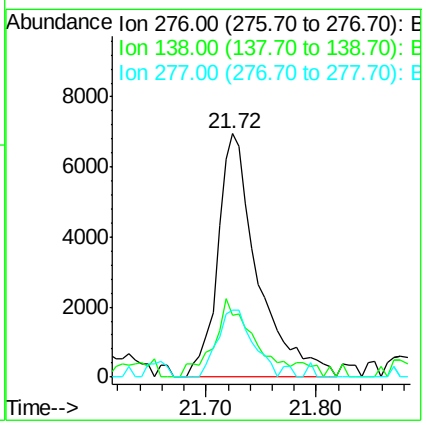
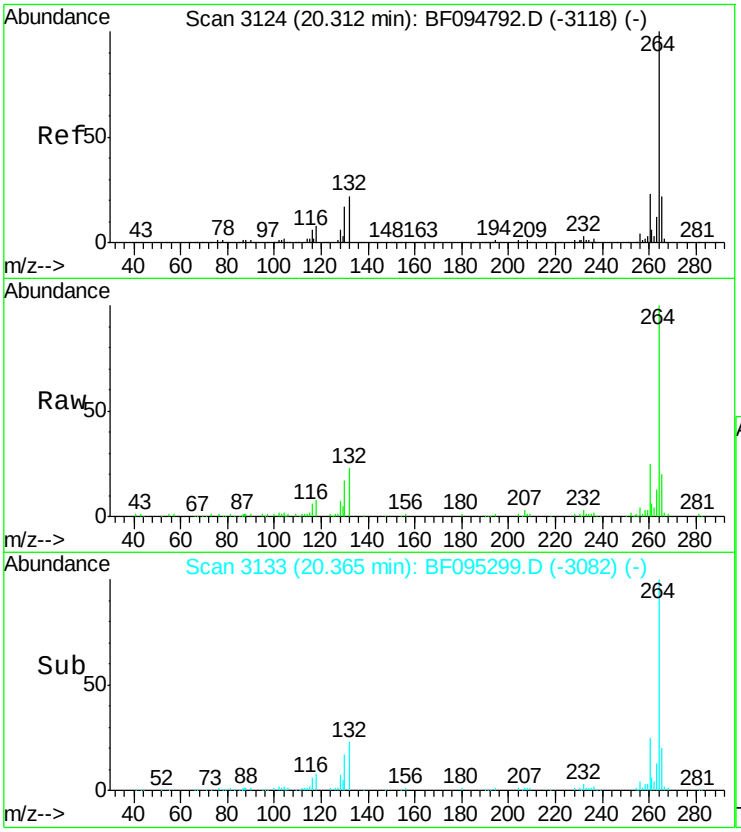


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.13 ng
RT: 21.72 min Scan# 3364
Delta R.T. 0.02 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:276 Resp: 17526

Ion	Ratio	Lower	Upper
276	100		
138	31.6	27.8	41.6
277	24.4	20.2	30.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:264 Resp: 145172

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	20.2	17.2	25.8

Instrument :
BNA_F
ClientSampleId :
E2-R4-BASE

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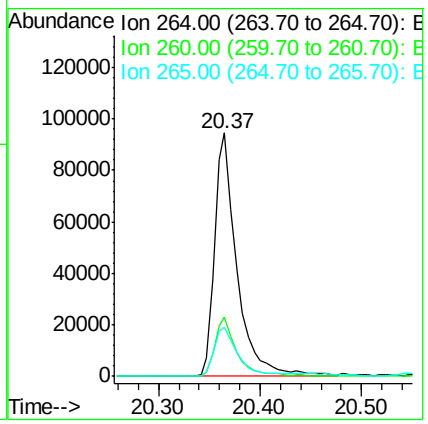
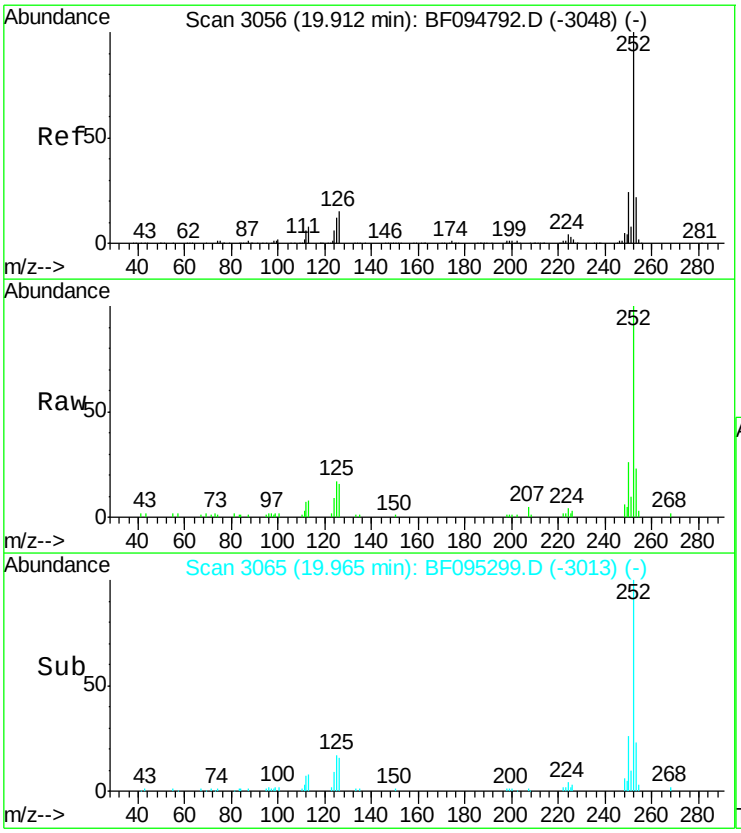
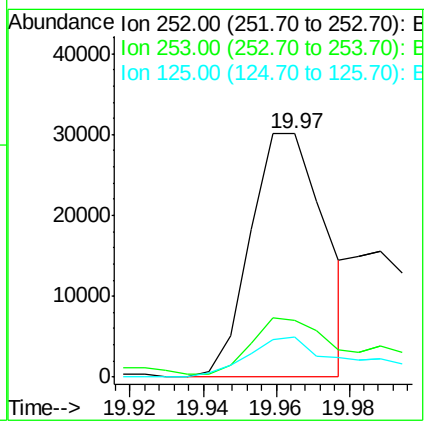


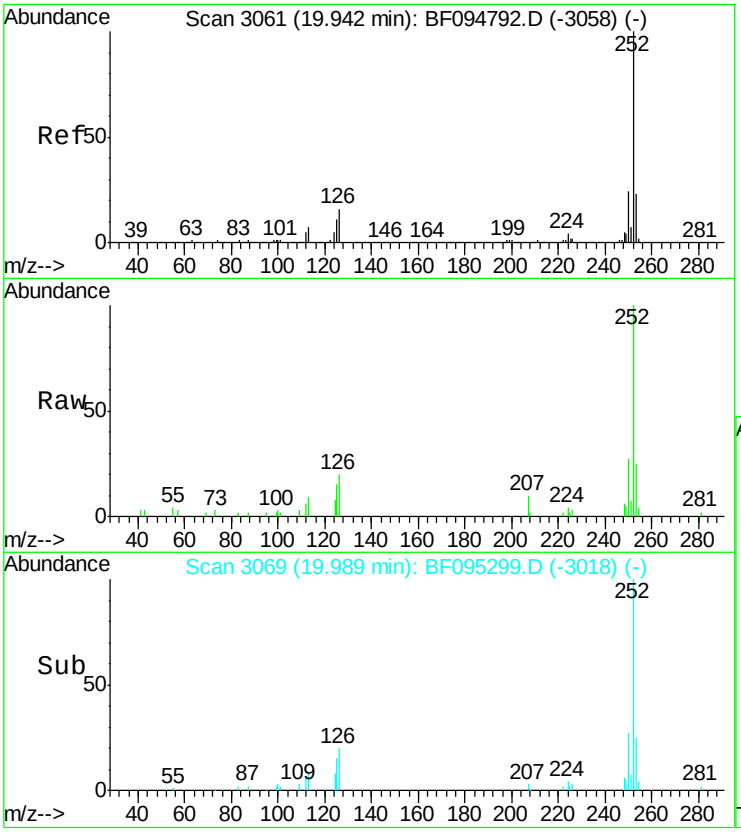


#87
Benzo(b)fluoranthene
Concen: 4.74 ng m
RT: 19.97 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:252 Resp: 42502

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	16.5	9.8	14.8#

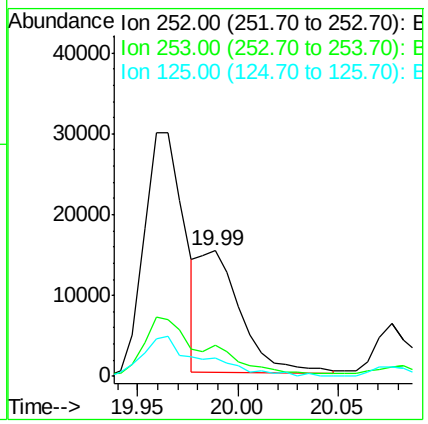




#88
Benzo(k)fluoranthene
Concen: 2.49 ng m
RT: 19.99 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:252 Resp: 21520

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	14.8	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
E2-R4-BASE

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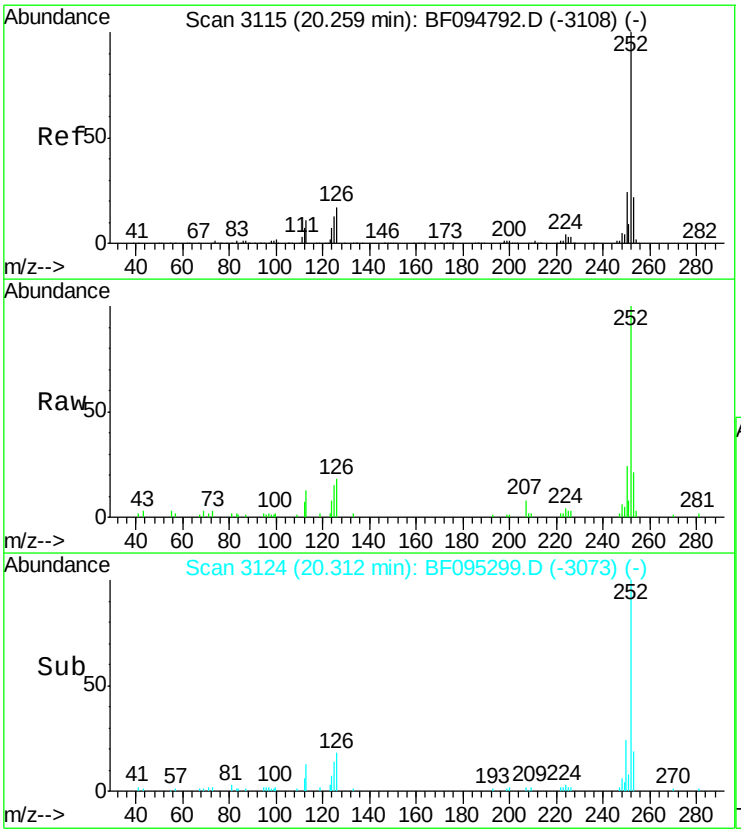
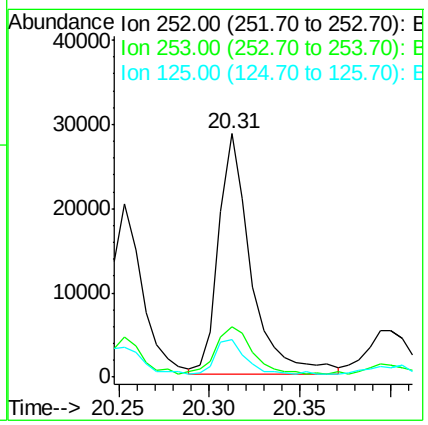
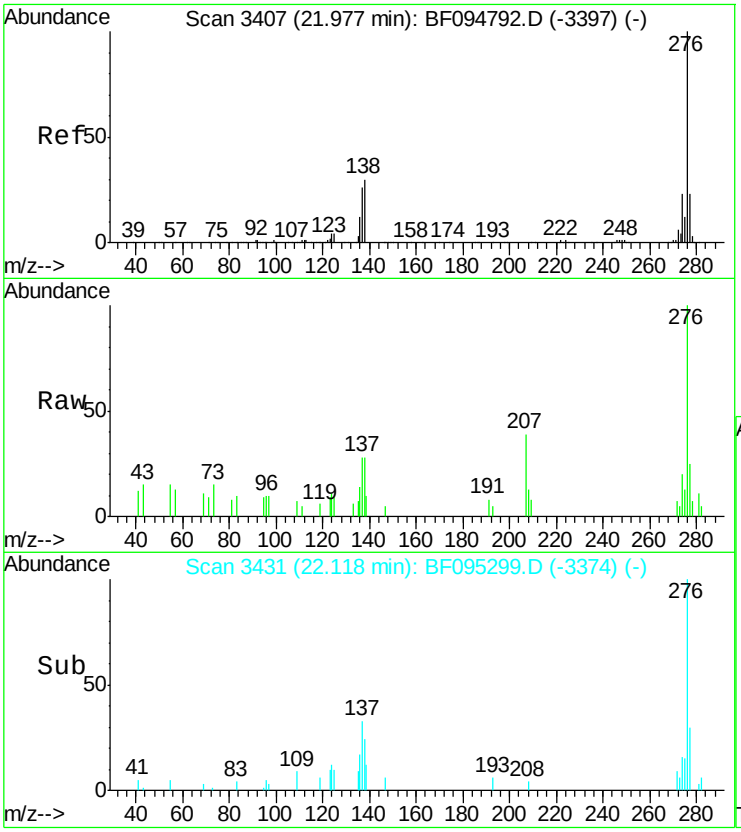


#89
Benzo(a)pyrene
Concen: 4.30 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:252 Resp: 35588

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	15.3	11.0	16.4

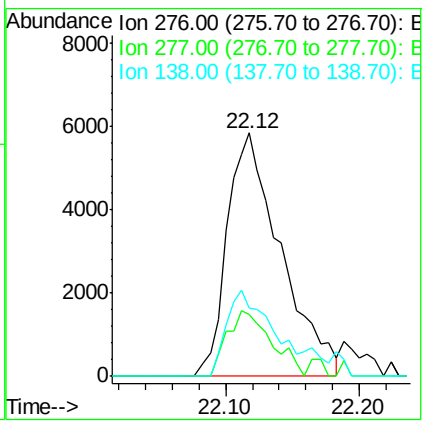




#91
Benzo(g,h,i)perylene
Concen: 2.43 ng
RT: 22.12 min Scan# 3431
Delta R.T. 0.04 min
Lab File: BF095299.D
Acq: 20 May 2017 12:02

Tgt Ion:276 Resp: 16277

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	38.5	25.4	38.0#



Instrument :
BNA_F
ClientSampleId :
E2-R4-BASE

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