

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077535.D
 Acq On : 2 Mar 2015 21:18
 Operator : TP/IZ
 Sample : G1399-09
 Misc : S
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB3

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Quant Time: Mar 03 04:28:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 23:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	89111	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	361131	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	184770	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	360556	20.00	ng	0.00
75) Chrysene-d12	16.15	240	398267	20.00	ng	0.01
86) Perylene-d12	17.89	264	373945	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	447117	83.76	ng	0.00
7) Phenol-d6	6.82	99	522074	76.07	ng	0.00
23) Nitrobenzene-d5	7.95	82	310663	53.49	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	143714	80.78	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	648984	54.77	ng	0.00
78) Terphenyl-d14	14.85	244	759958	44.61	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.69	163	30662	2.36	ng	Qvalue # 95
70) Phenanthrene	12.88	178	104714	5.01	ng	98
74) Fluoranthene	14.36	202	231446	10.14	ng	100
77) Pyrene	14.64	202	244407	10.03	ng	96
80) Benzo(a)anthracene	16.14	228	148550	6.36	ng	95
82) Chrysene	16.17	228	112517	5.13	ng	97
85) Indeno(1,2,3-cd)pyrene	19.35	276	76638m	3.07	ng	
87) Benzo(b)fluoranthene	17.45	252	175366m	8.06	ng	
88) Benzo(k)fluoranthene	17.47	252	49373m	2.32	ng	
89) Benzo(a)pyrene	17.82	252	121957	5.89	ng	98
91) Benzo(g,h,i)perylene	19.77	276	84562	4.24	ng	94

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

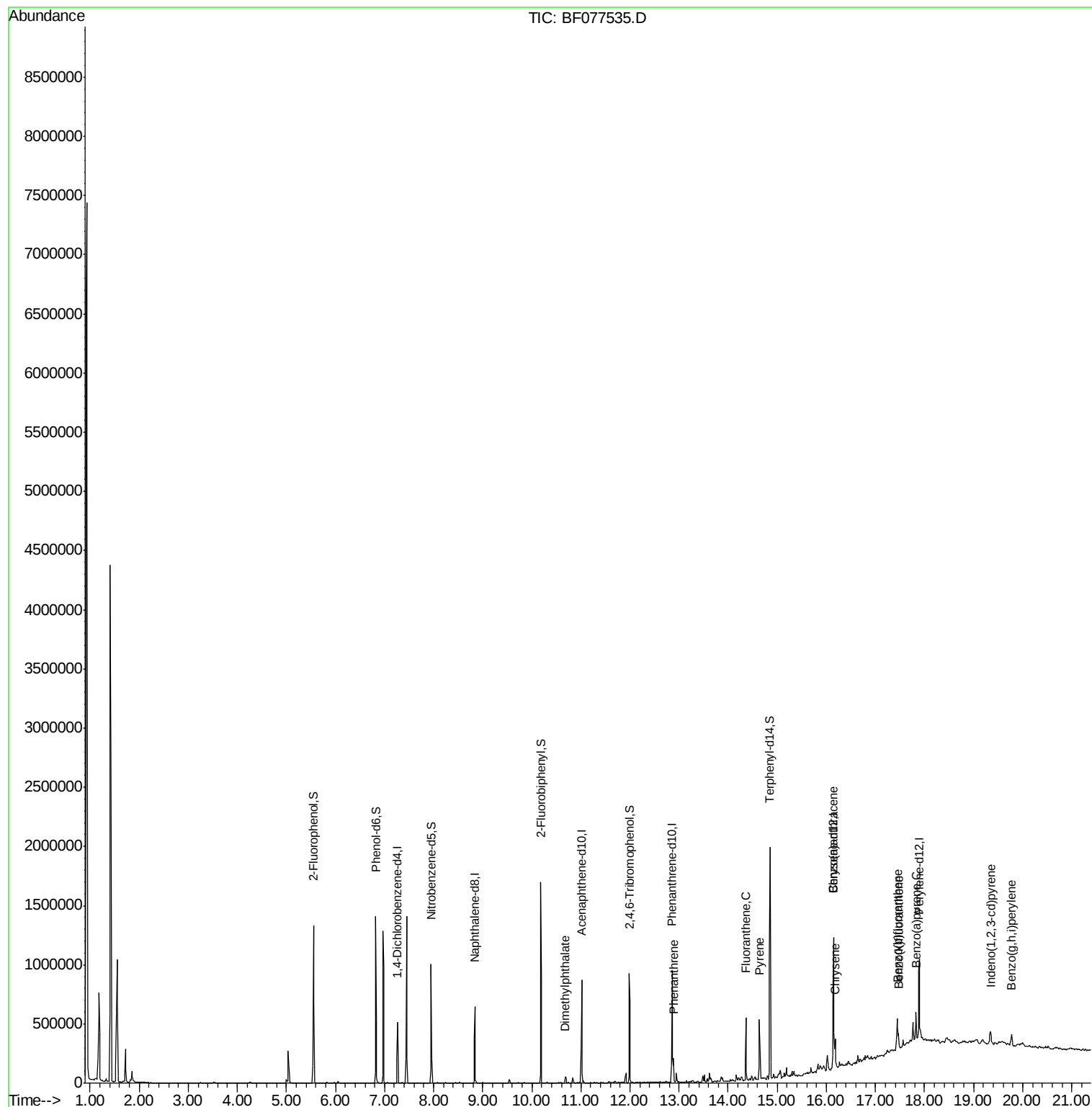
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077535.D
Acq On : 2 Mar 2015 21:18
Operator : TP/IZ
Sample : G1399-09
Misc : S
ALS Vial : 16 Sample Multiplier: 1

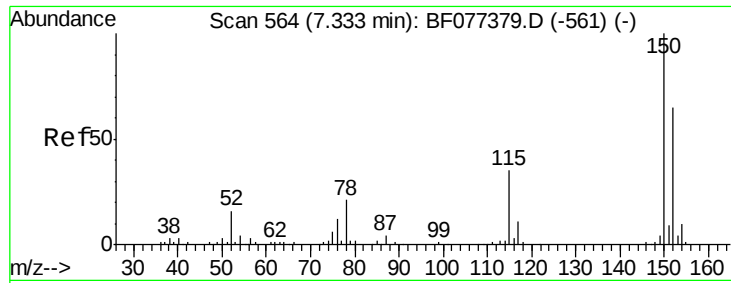
Instrument :
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ClientSampleId :
SB3

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Quant Time: Mar 03 04:28:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 23:46:07 2015
Response via : Initial Calibration





#1

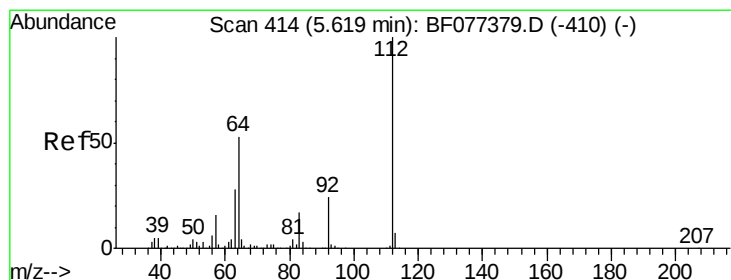
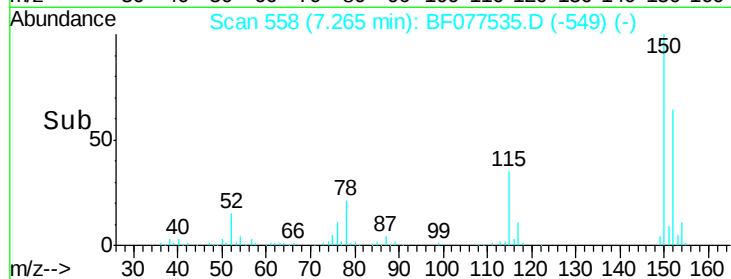
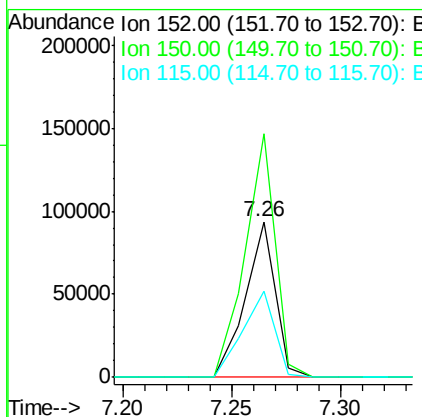
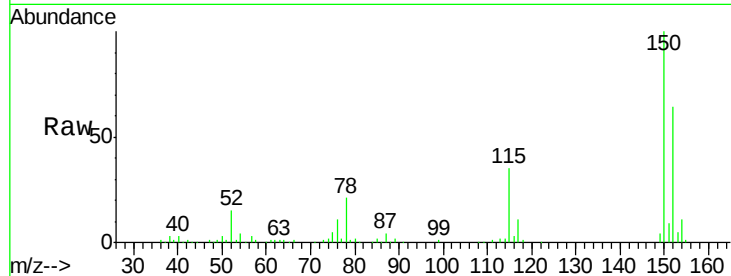
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077535.D
Acq: 2 Mar 2015 21:18

Instrument :
BNA_F
ClientSampleId :
SB3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.0	186.0
115	55.3	49.4	74.2

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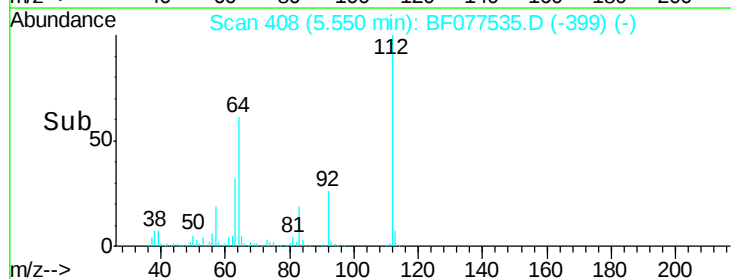
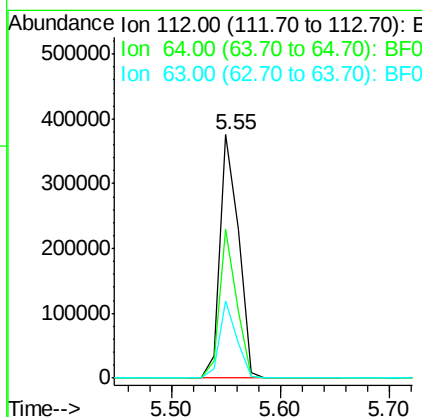
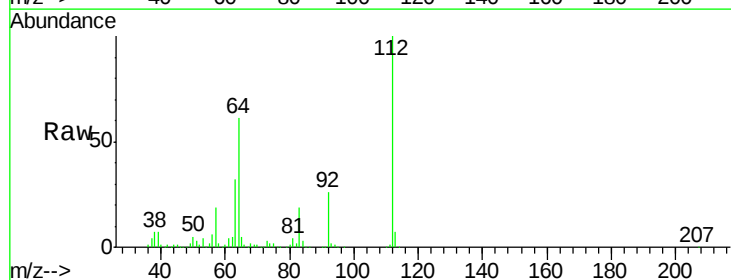
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#5

2-Fluorophenol
Concen: 83.76 ng
RT: 5.55 min Scan# 408
Delta R.T. 0.01 min
Lab File: BF077535.D
Acq: 2 Mar 2015 21:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	48.5	72.7
63	31.7	25.0	37.4





#7

Phenol-d6

Concen: 76.07 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF077535.D

Acq: 2 Mar 2015 21:18

Instrument :

BNA_F

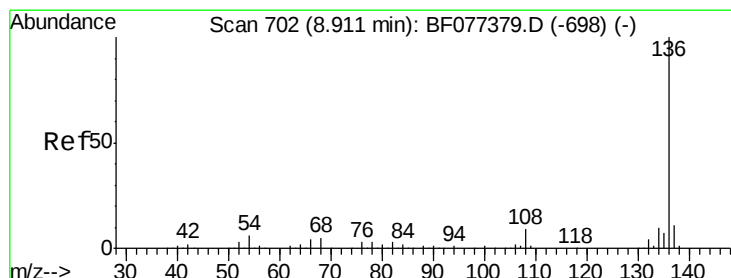
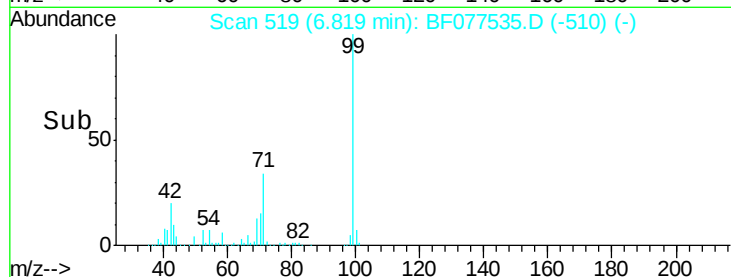
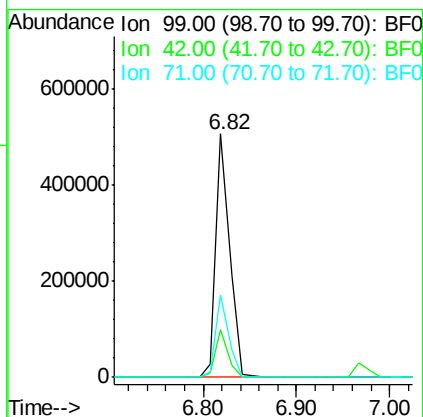
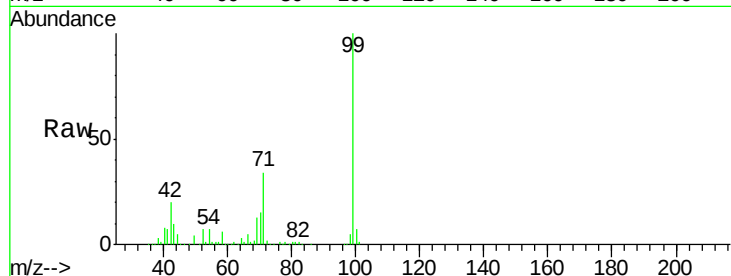
ClientSampleId :

SB3

Tgt Ion:	99	Resp:	522074
Ion Ratio	Lower	Upper	
99	100		
42	19.5	16.2	24.4
71	33.6	26.7	40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

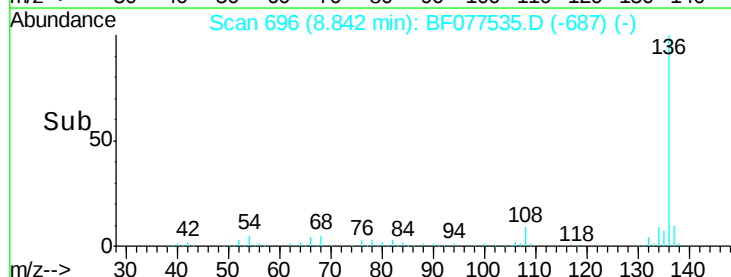
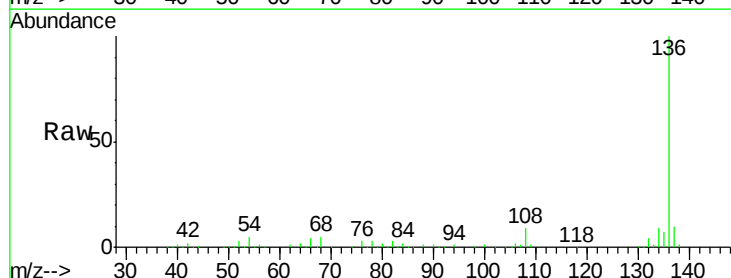
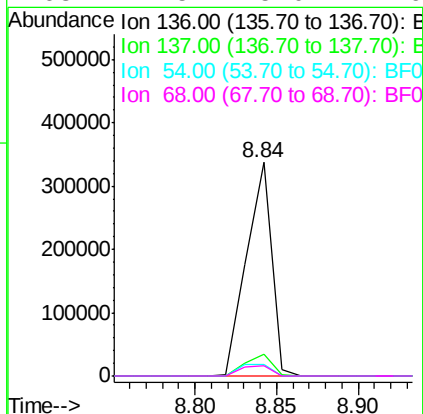
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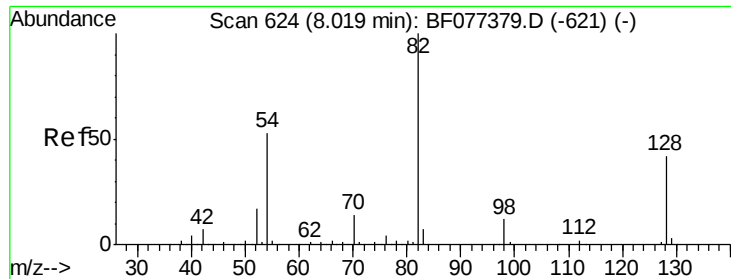
Delta R.T. 0.00 min

Lab File: BF077535.D

Acq: 2 Mar 2015 21:18

Tgt Ion:	136	Resp:	361131
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	5.5	6.2	9.4#
68	4.5	5.0	7.6#





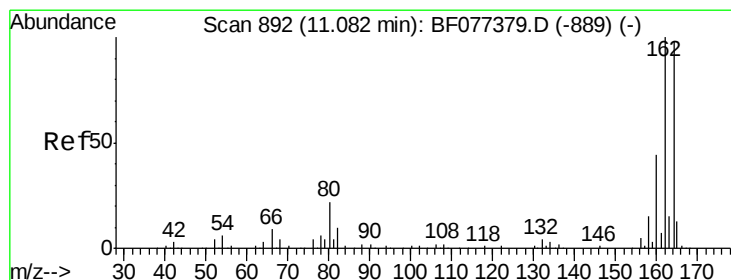
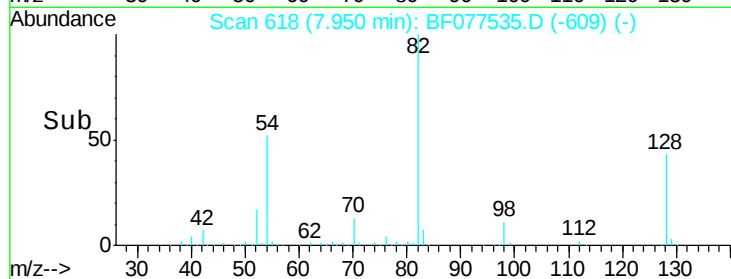
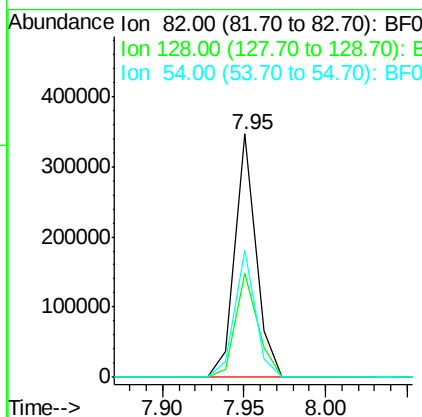
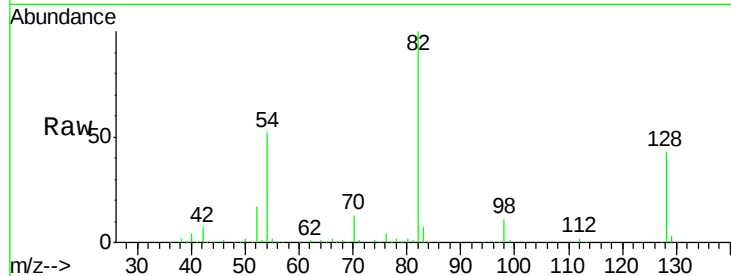
#23
 Nitrobenzene-d5
 Concen: 53.49 ng
 RT: 7.95 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF077535.D
 Acq: 2 Mar 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 SB3

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	310663		
128	43.0	43.8	65.8#	
54	52.3	36.7	55.1	

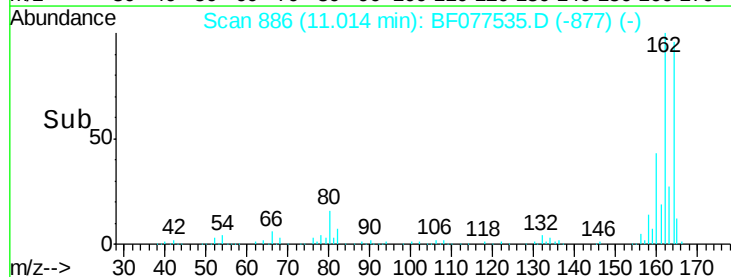
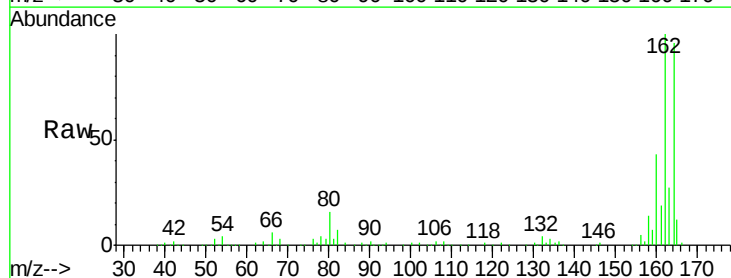
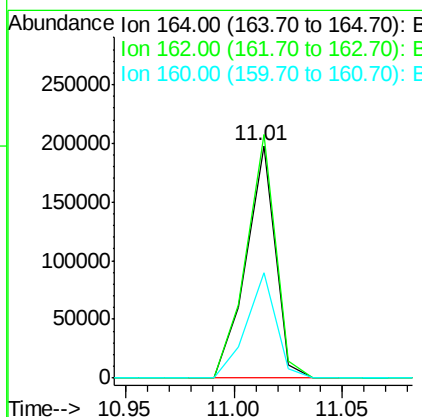
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF077535.D
 Acq: 2 Mar 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	184770		
162	104.7	83.2	124.8	
160	45.1	34.6	52.0	





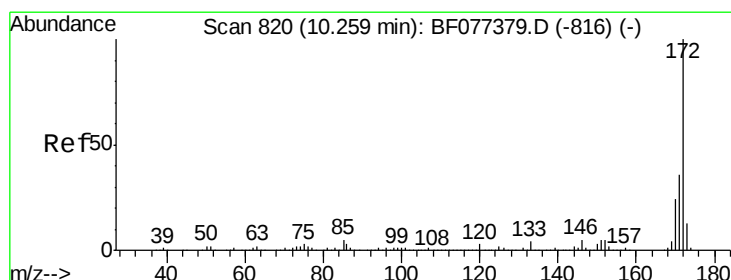
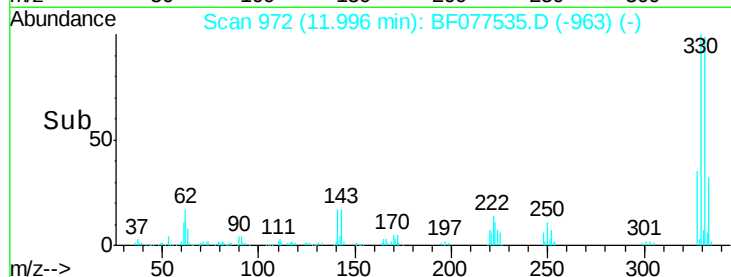
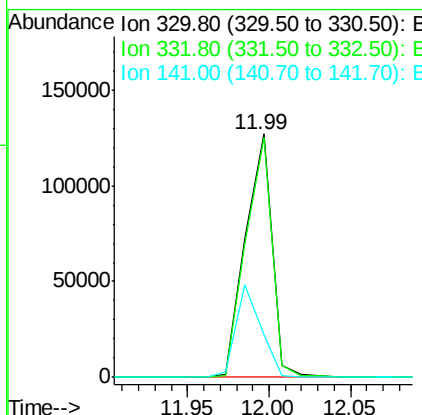
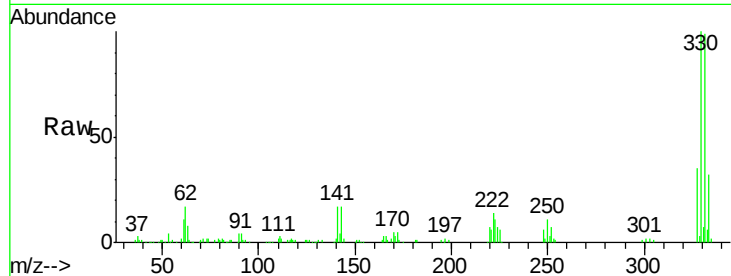
#41
 2,4,6-Tribromophenol
 Concen: 80.78 ng
 RT: 11.99 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF077535.D
 Acq: 2 Mar 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 SB3

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	143714		
332	97.4	77.4	116.2	
141	35.7	28.8	43.2	

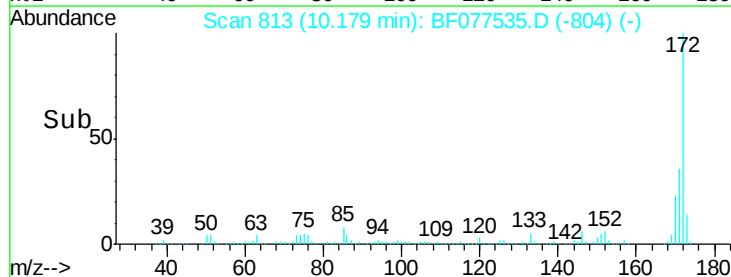
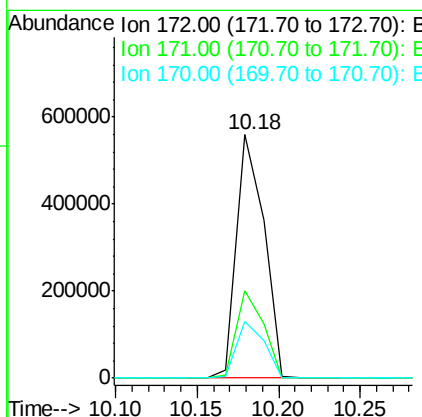
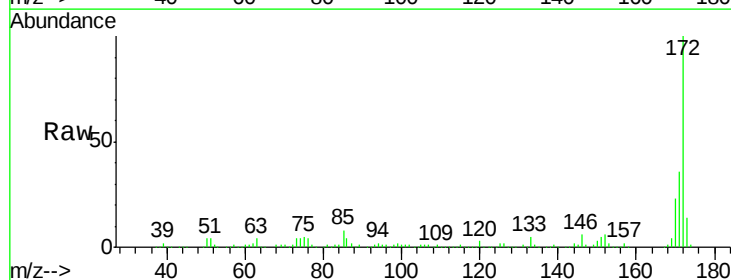
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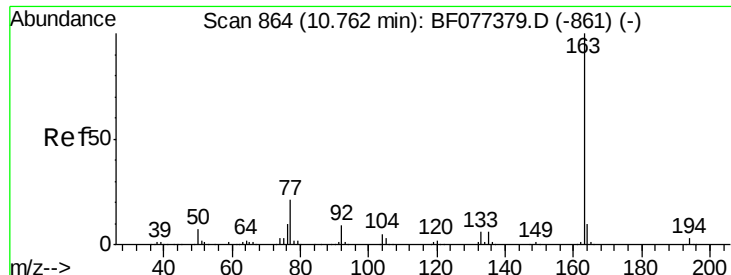
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#44
 2-Fluorobiphenyl
 Concen: 54.77 ng
 RT: 10.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077535.D
 Acq: 2 Mar 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	648984		
171	35.8	28.9	43.3	
170	23.4	19.4	29.2	





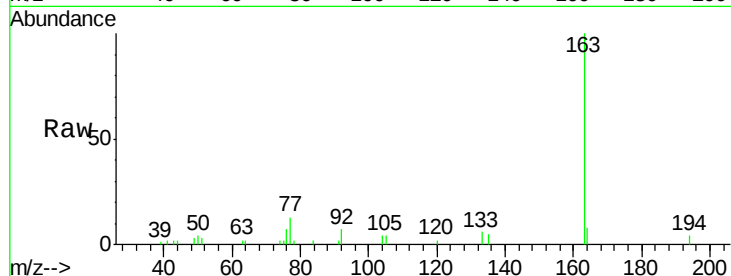
#49
Dimethylphthalate
Concen: 2.36 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF077535.D
Acq: 2 Mar 2015 21:18

Instrument :
BNA_F
ClientSampleId :
SB3

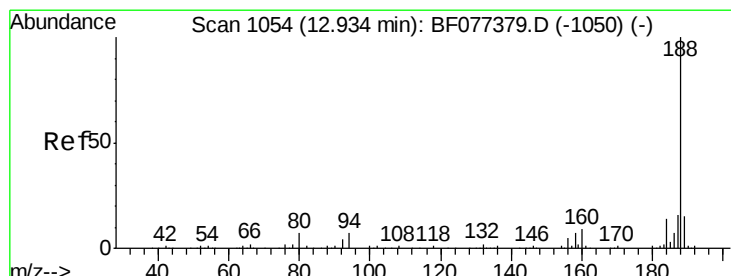
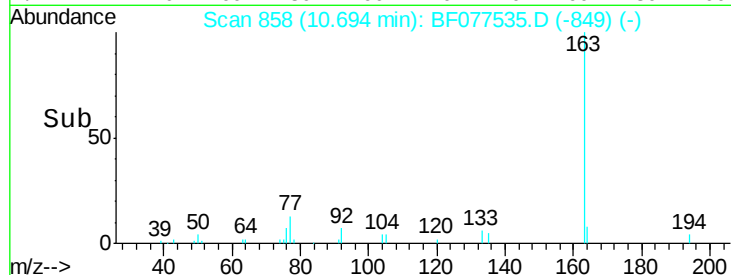
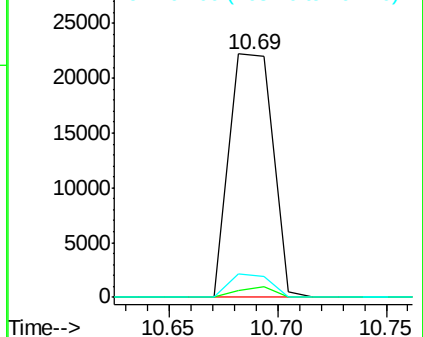
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.2	2.6	4.0#
164	8.4	8.6	13.0#

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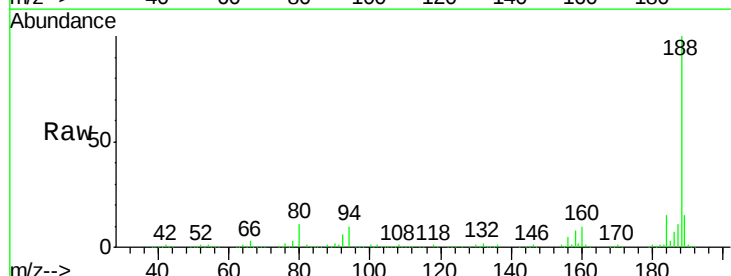


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

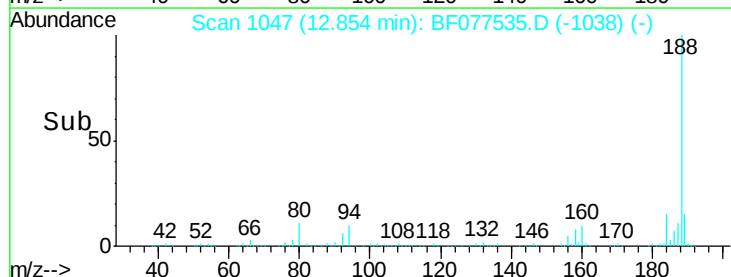
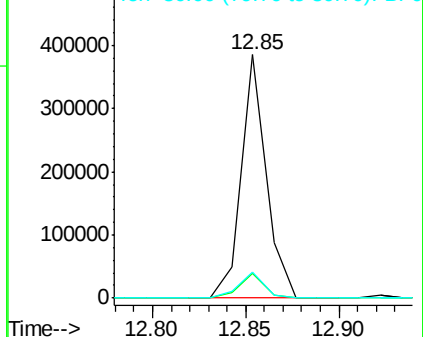


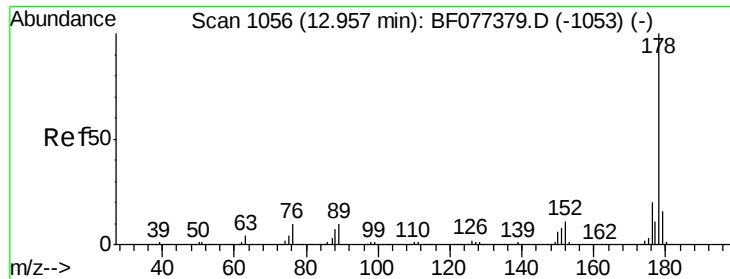
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF077535.D
Acq: 2 Mar 2015 21:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	7.4	11.2
80	10.5	8.0	12.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





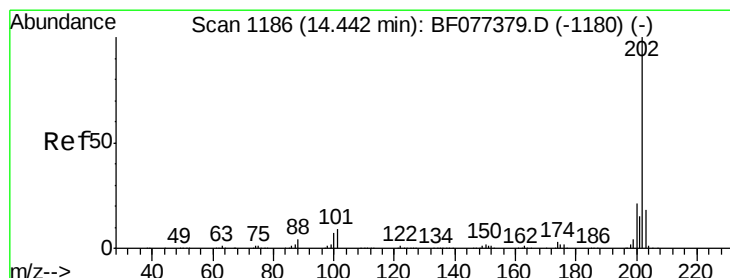
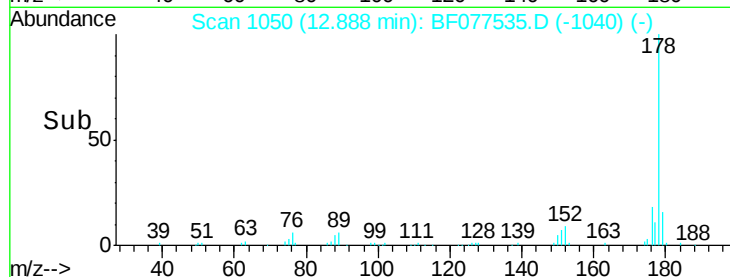
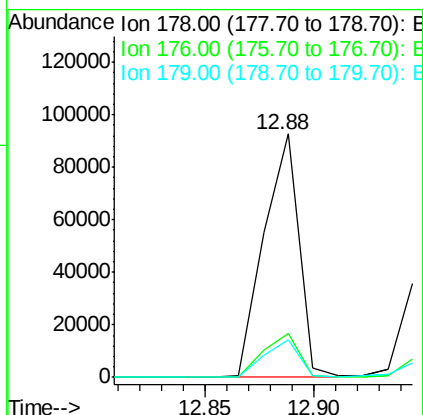
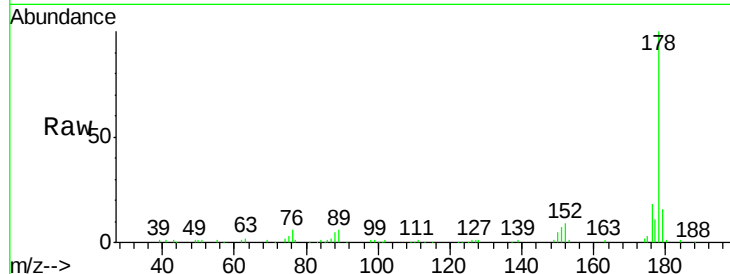
#70
Phenanthrene
Concen: 5.01 ng
RT: 12.88 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF077535.D
Acq: 2 Mar 2015 21:18

Instrument :
BNA_F
ClientSampleId :
SB3

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.5	23.3
179	15.6	12.2	18.2

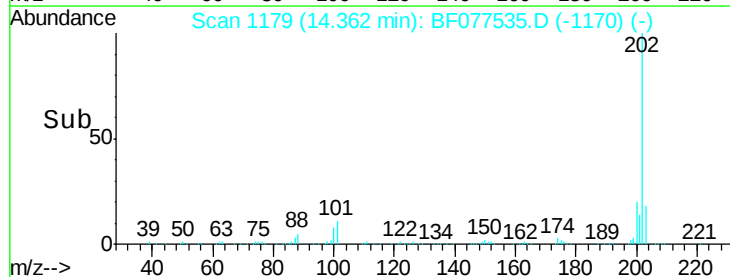
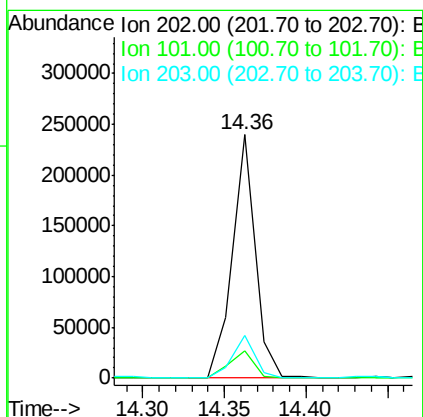
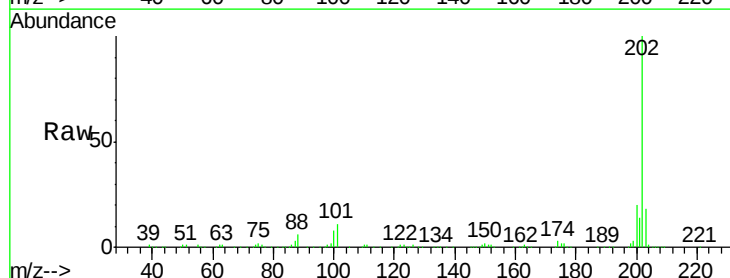
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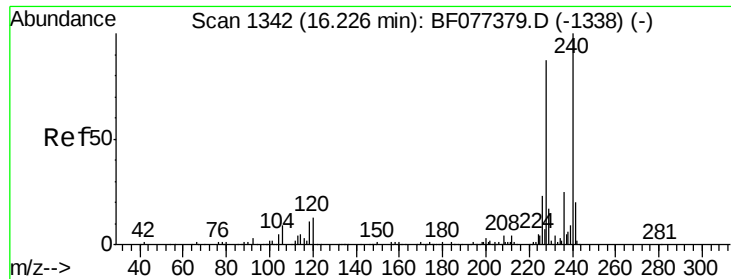
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#74
Fluoranthene
Concen: 10.14 ng
RT: 14.36 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF077535.D
Acq: 2 Mar 2015 21:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.8
203	17.7	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.15 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF077535.D

Acq: 2 Mar 2015 21:18

Instrument :

BNA_F

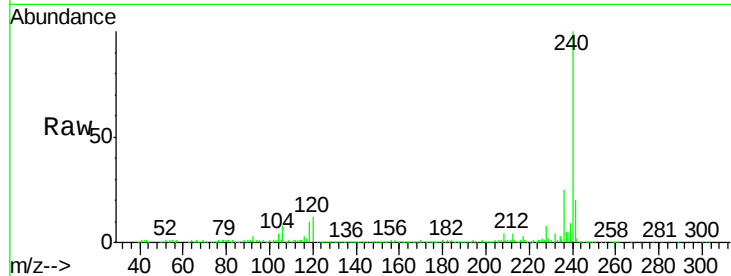
ClientSampleId :

SB3

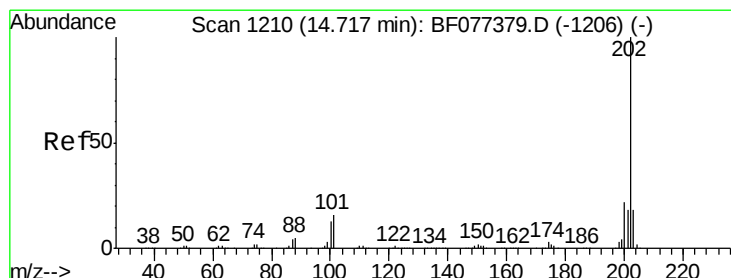
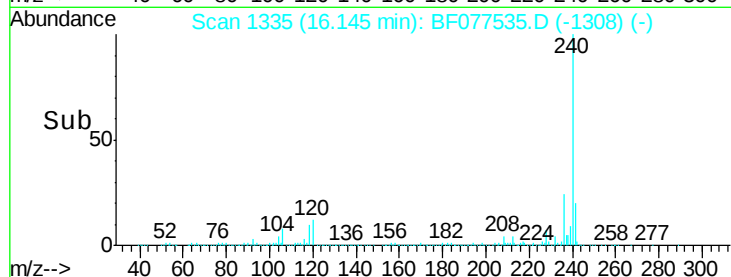
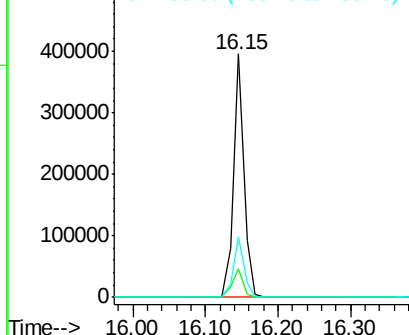
Tgt Ion:	240	Resp:	398267
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.8	13.2
236	24.7	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 10.03 ng

RT: 14.64 min Scan# 1203

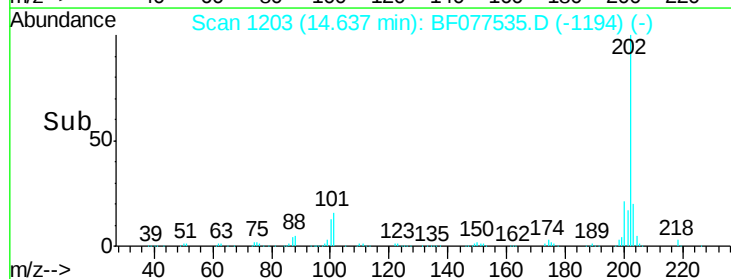
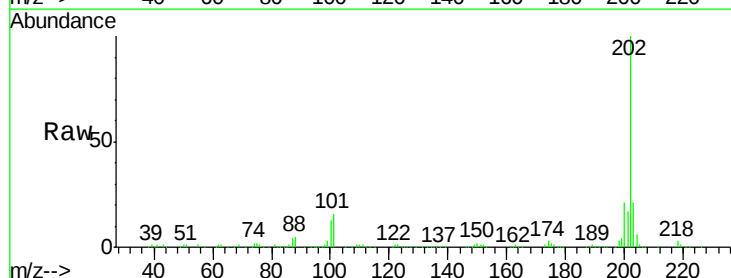
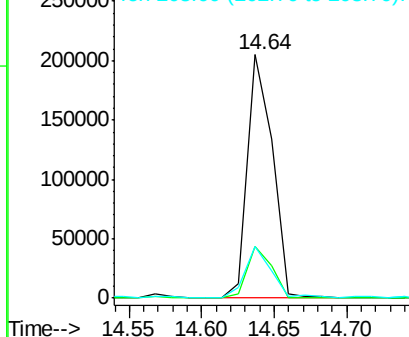
Delta R.T. 0.01 min

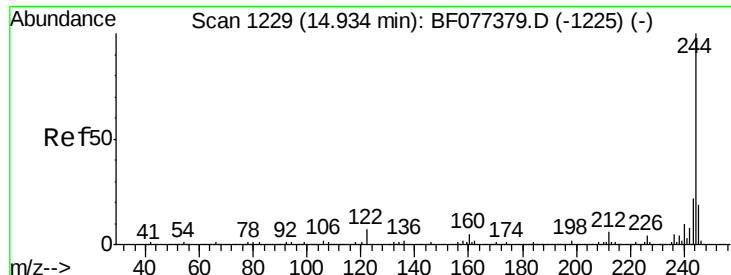
Lab File: BF077535.D

Acq: 2 Mar 2015 21:18

Tgt Ion:	202	Resp:	244407
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.1	25.7
203	21.1	14.2	21.2

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





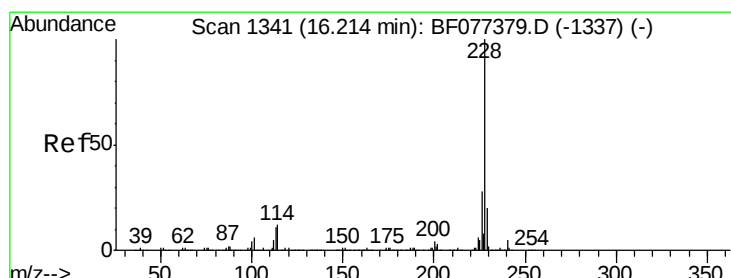
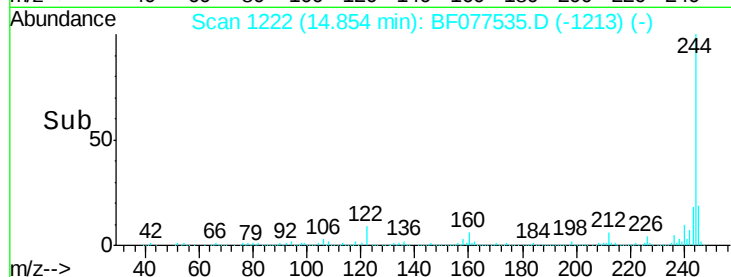
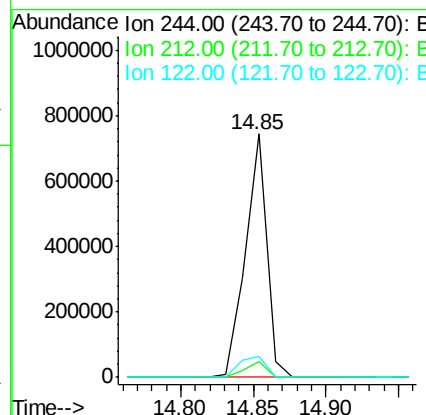
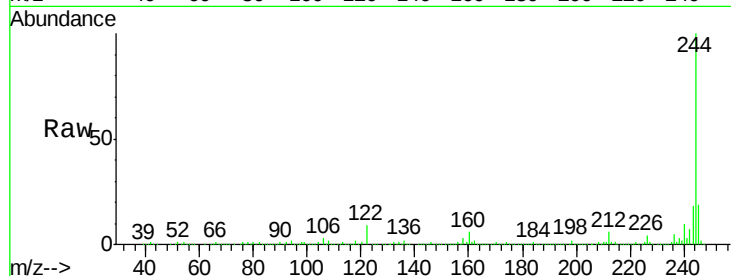
#78
 Terphenyl-d14
 Concen: 44.61 ng
 RT: 14.85 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BF077535.D
 Acq: 2 Mar 2015 21:18

Instrument :
 BNA_F
 ClientSampled :
 SB3

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.2	5.2	7.8
122	8.8	7.8	11.8

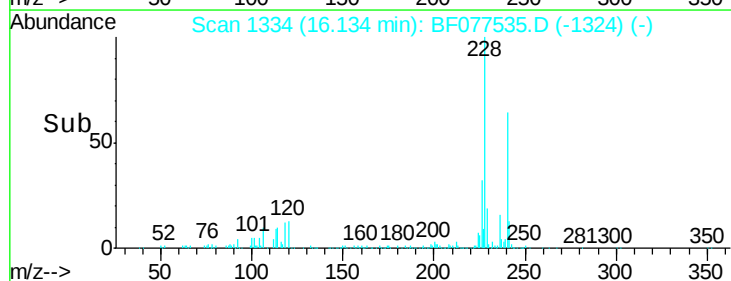
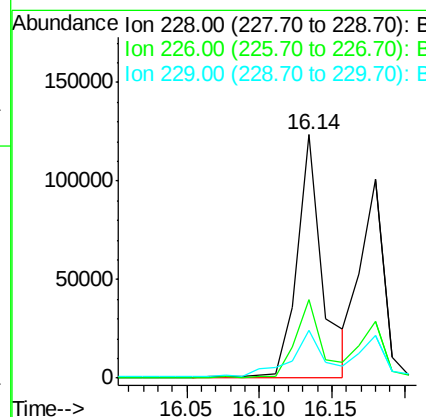
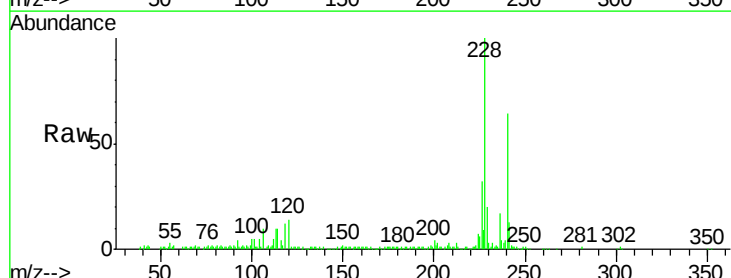
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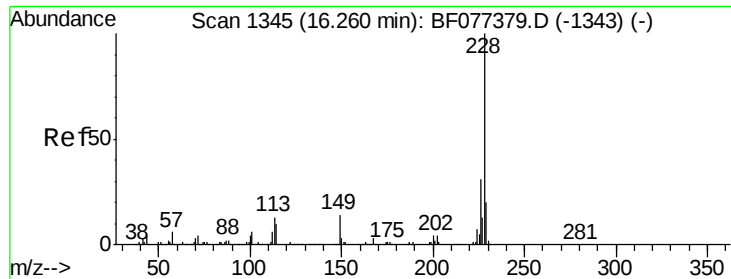
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#80
 Benzo(a)anthracene
 Concen: 6.36 ng
 RT: 16.14 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF077535.D
 Acq: 2 Mar 2015 21:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.2	22.0	33.0
229	19.6	15.8	23.8





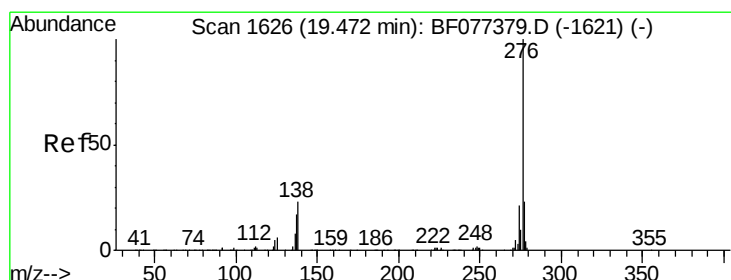
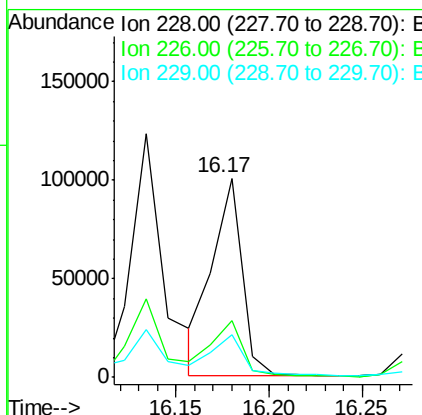
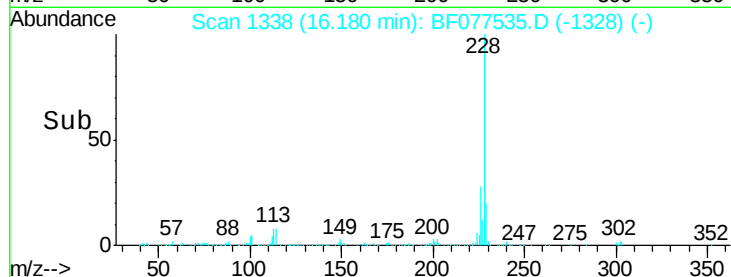
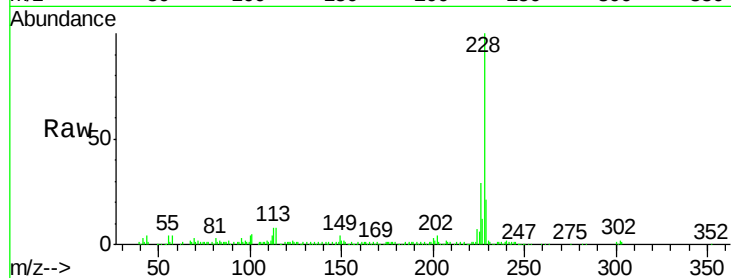
#82
Chrysene
Concen: 5.13 ng
RT: 16.17 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF077535.D
Acq: 2 Mar 2015 21:18

Instrument :
BNA_F
ClientSampleId :
SB3

Tgt Ion:	228	Resp:	112517
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.9	37.3
229	21.2	16.4	24.6

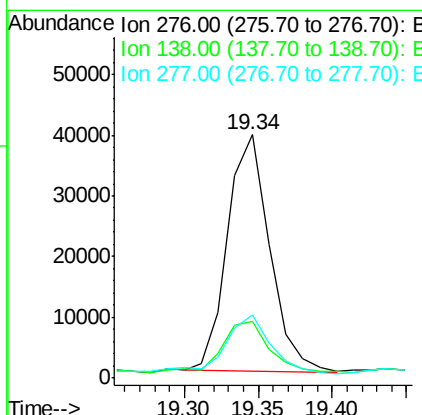
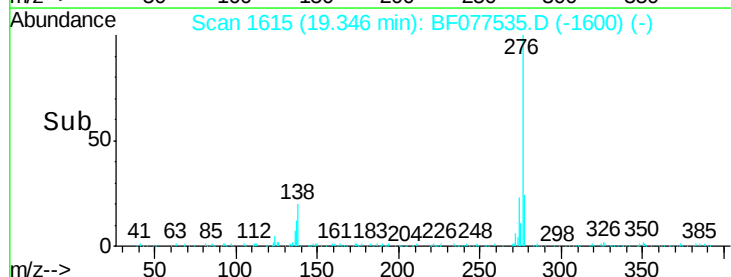
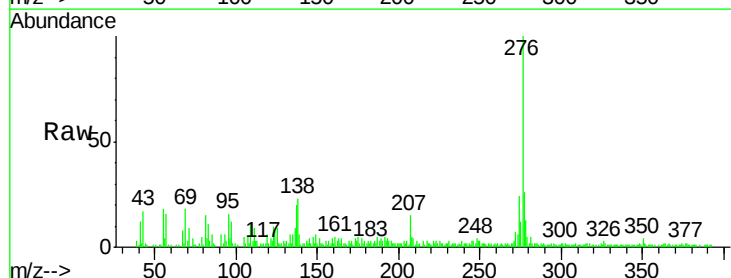
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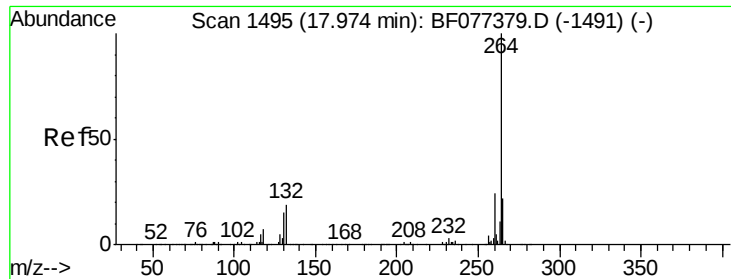
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.07 ng m
RT: 19.35 min Scan# 1615
Delta R.T. 0.07 min
Lab File: BF077535.D
Acq: 2 Mar 2015 21:18

Tgt Ion:	276	Resp:	76638
Ion Ratio	Lower	Upper	
276	100		
138	0.0	21.2	31.8#
277	0.0	20.0	30.0#





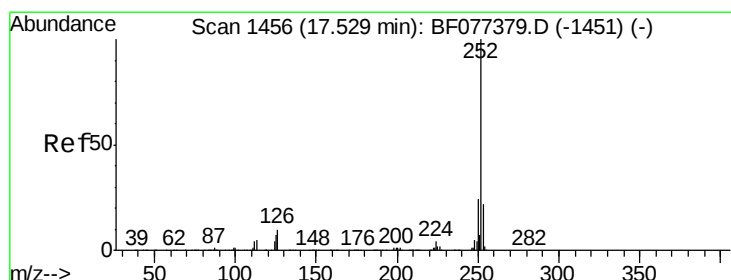
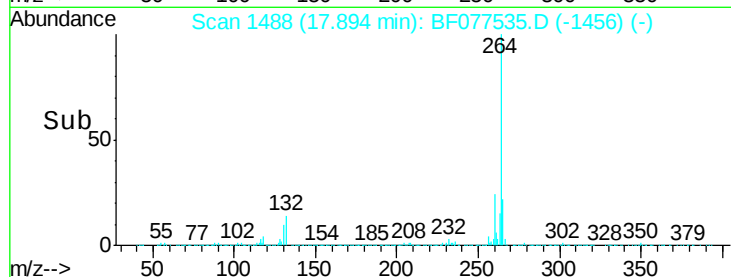
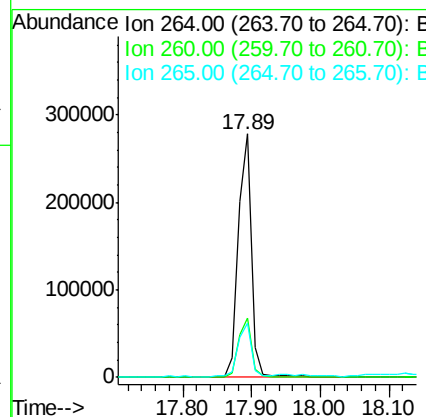
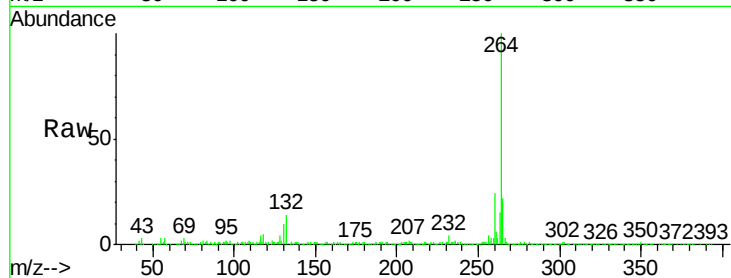
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.89 min Scan# 1488
Delta R.T. 0.06 min
Lab File: BF077535.D
Acq: 2 Mar 2015 21:18

Instrument :
BNA_F
ClientSampleId :
SB3

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	373945		
260	24.4	19.3	28.9	
265	22.2	16.8	25.2	

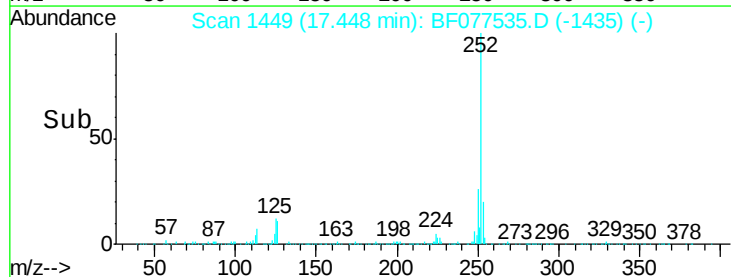
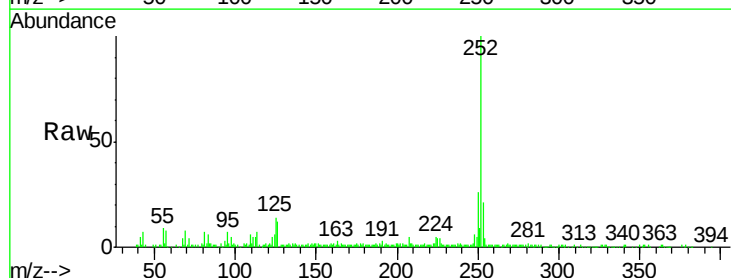
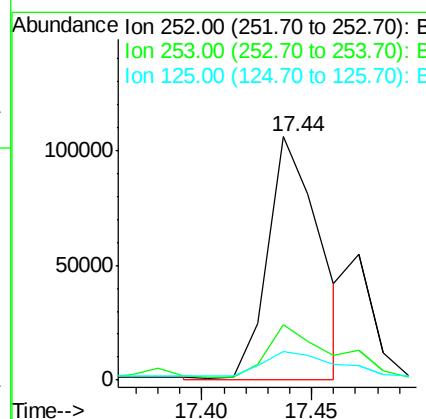
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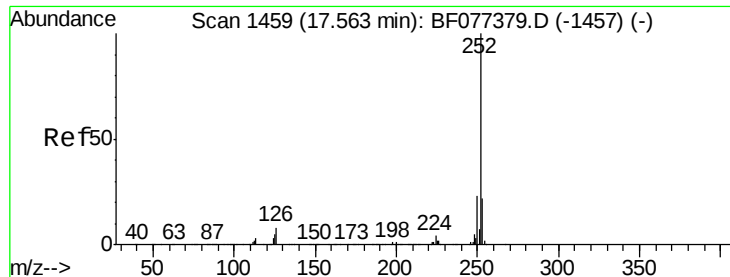
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#87
Benzo(b)fluoranthene
Concen: 8.06 ng m
RT: 17.45 min Scan# 1449
Delta R.T. 0.06 min
Lab File: BF077535.D
Acq: 2 Mar 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	175366		
253	21.1	17.6	26.4	
125	13.6	5.4	8.2#	





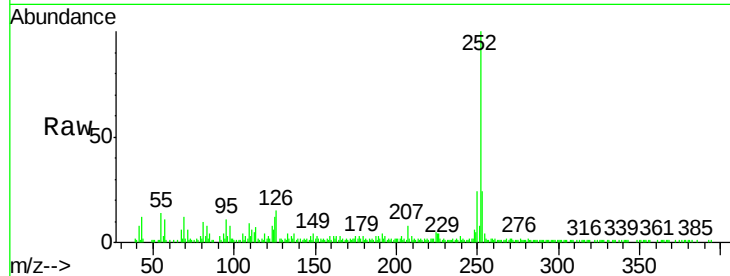
#88
Benzo(k)fluoranthene
Concen: 2.32 ng m
RT: 17.47 min Scan# 1451
Delta R.T. 0.05 min
Lab File: BF077535.D
Acq: 2 Mar 2015 21:18

Instrument :
BNA_F
ClientSampleId :
SB3

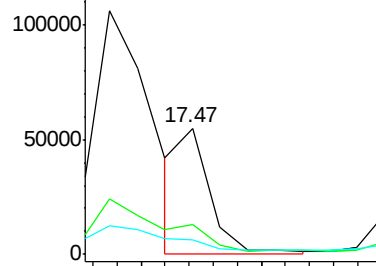
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	11.8	10.1	15.1

Manual Integrations
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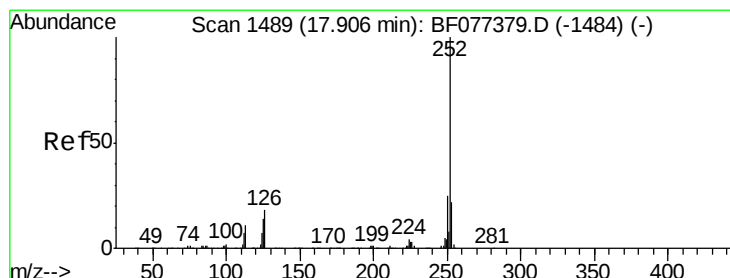
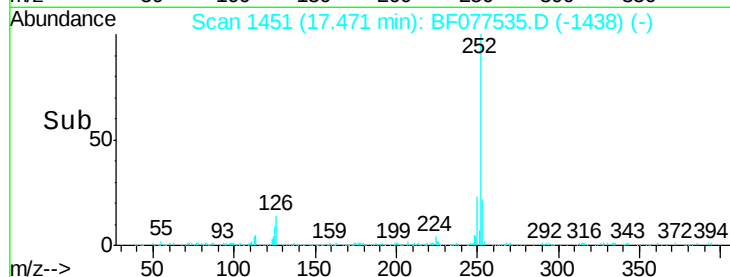
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



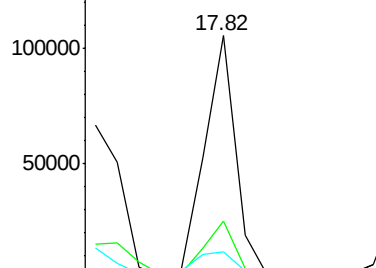
Time-->



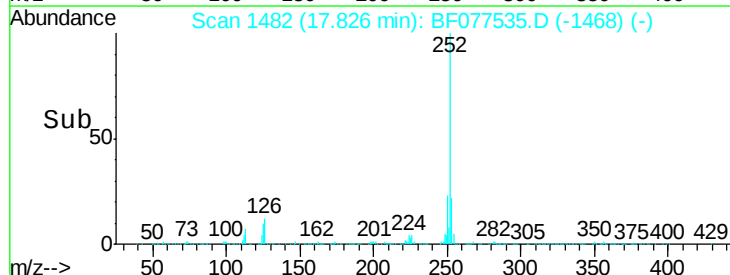
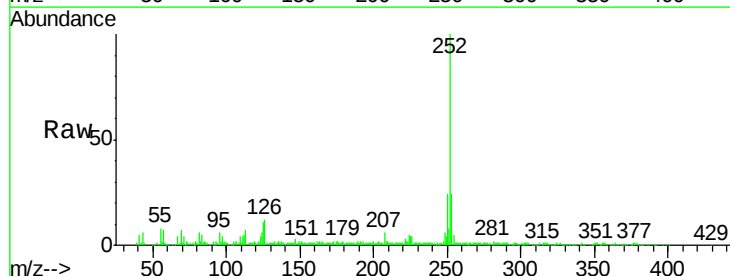
#89
Benzo(a)pyrene
Concen: 5.89 ng
RT: 17.82 min Scan# 1482
Delta R.T. 0.06 min
Lab File: BF077535.D
Acq: 2 Mar 2015 21:18

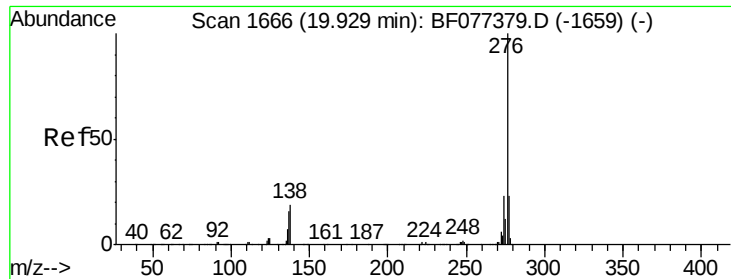
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	11.3	8.3	12.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





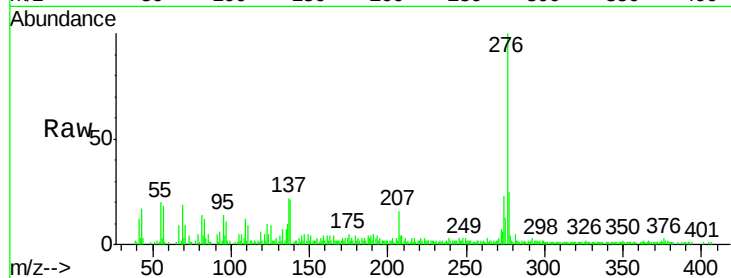
#91
 Benzo(g,h,i)perylene
 Concen: 4.24 ng
 RT: 19.77 min Scan# 1653
 Delta R.T. 0.07 min
 Lab File: BF077535.D
 Acq: 2 Mar 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 SB3

Tgt Ion:	276	Resp:	84562
Ion Ratio	Lower	Upper	
276	100		
277	24.9	18.9	28.3
138	20.9	20.5	30.7

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

