

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050119\
 Data File : BF114077.D
 Acq On : 1 May 2019 19:06
 Operator : JU/SJ
 Sample : K2623-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1RE

Manual Integrations
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Quant Time: May 13 02:33:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	73397	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	305067	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	156392	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	274638	20.00	ng	0.00
76) Chrysene-d12	14.06	240	222920	20.00	ng	0.00
87) Perylene-d12	15.56	264	168033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	456084	106.28	ng	0.00
7) Phenol-d6	6.53	99	602483	111.90	ng	0.00
23) Nitrobenzene-d5	7.45	82	380564	77.02	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	209806	110.12	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	806219	80.63	ng	0.00
79) Terphenyl-d14	13.00	244	854410	78.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	87561	7.742	ng	98
71) Phenanthrene	11.44	178	123036	8.914	ng	96
75) Fluoranthene	12.63	202	212593	14.118	ng	98
78) Pyrene	12.86	202	184860	11.858	ng	97
81) Benzo(a)anthracene	14.06	228	93297	7.103	ng	94
83) Chrysene	14.09	228	93160	7.283	ng	97
86) Indeno(1,2,3-cd)pyrene	17.07	276	35705	2.947	ng	94
88) Benzo(b)fluoranthene	15.13	252	94732m	8.911	ng	
89) Benzo(k)fluoranthene	15.15	252	33057m	3.615	ng	
90) Benzo(a)pyrene	15.50	252	61723	6.712	ng	# 94
92) Benzo(g,h,i)perylene	17.52	276	32598	3.742	ng	94

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

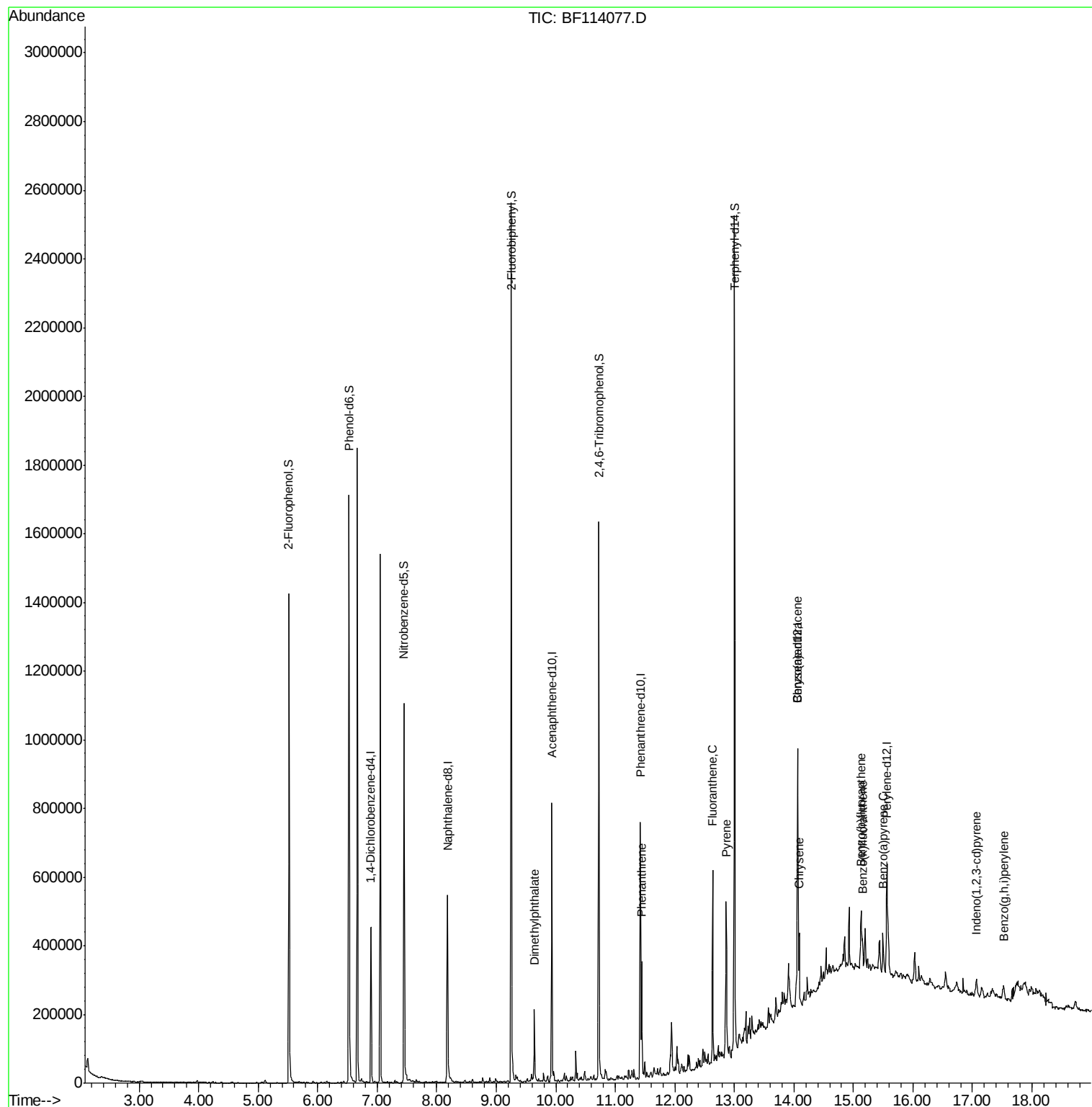
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050119\
Data File : BF114077.D
Acq On : 1 May 2019 19:06
Operator : JU/SJ
Sample : K2623-01RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

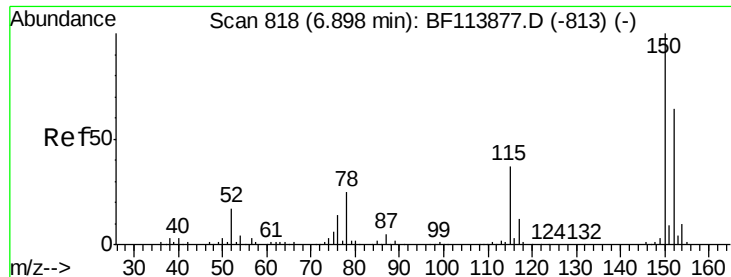
Instrument :
BNA_F
ClientSampled :
SP-1RE

Quant Time: May 13 02:33:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
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#1

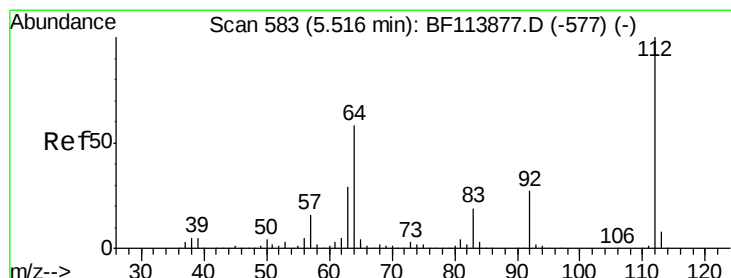
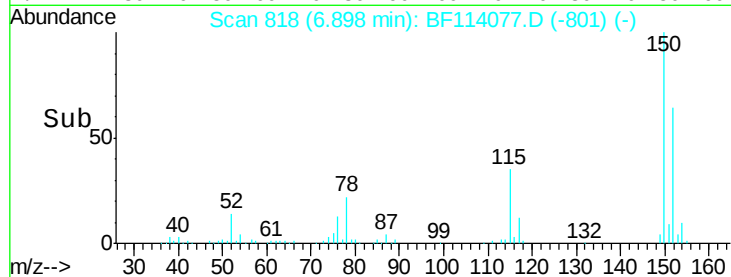
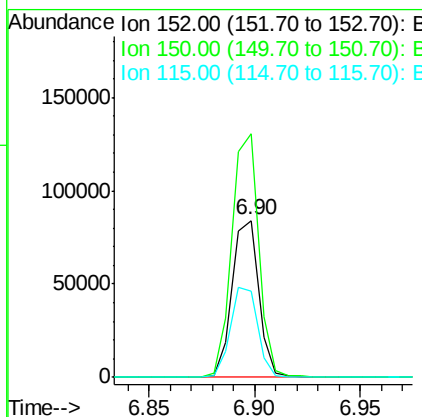
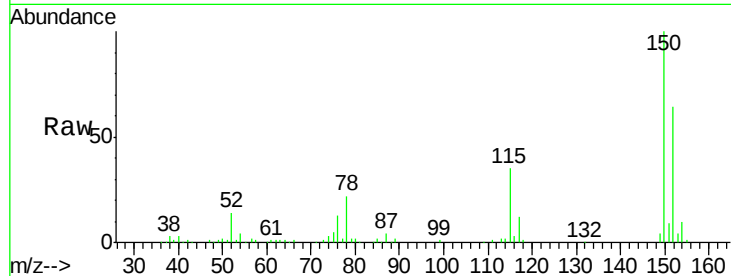
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF114077.D
Acq: 1 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
SP-1RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.9	188.9
115	54.9	45.9	68.9

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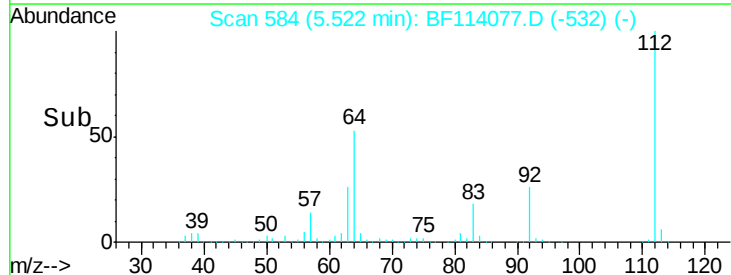
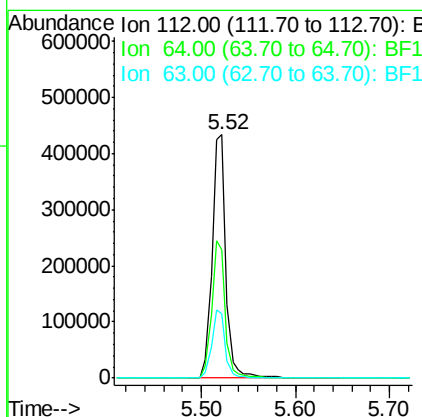
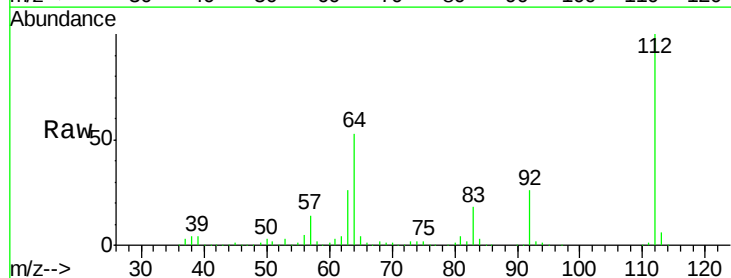
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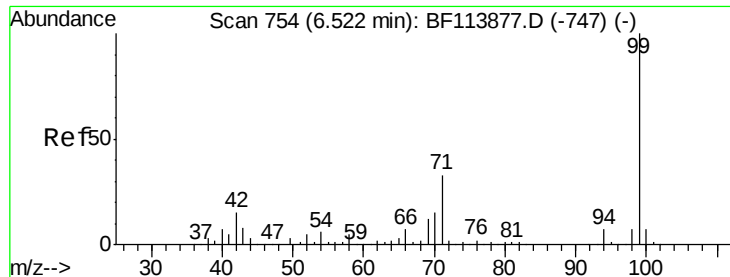


#5

2-Fluorophenol
Concen: 106.280 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF114077.D
Acq: 1 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.6	69.8
63	26.2	23.1	34.7





#7

Phenol-d6

Concen: 111.903 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114077.D

Acq: 1 May 2019 19:06

Instrument :

BNA_F

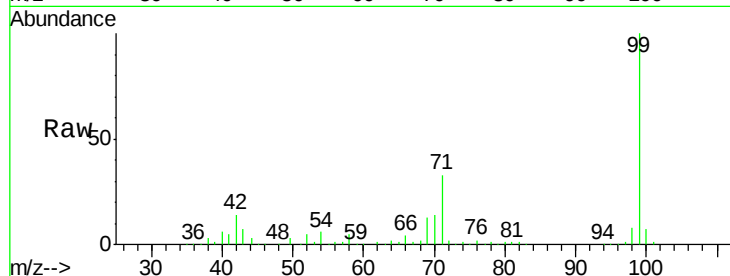
ClientSampled :

SP-1RE

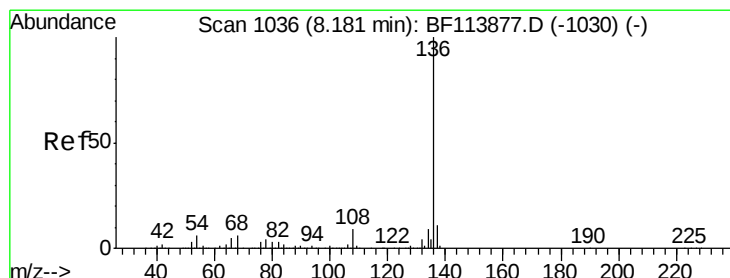
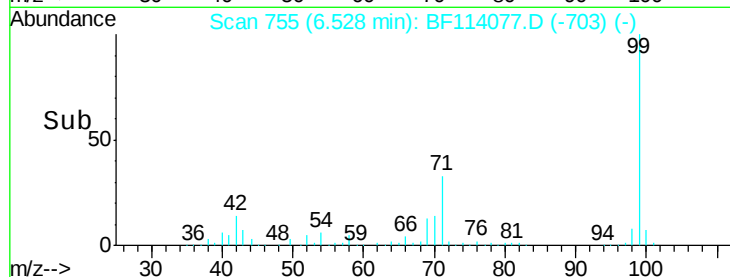
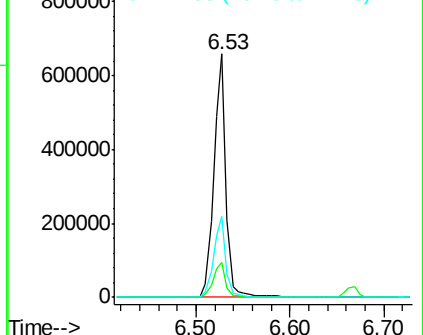
Tot Ion:	99	Resp:	602483
Ion Ratio	Lower	Upper	
99	100		
42	14.5	12.5	18.7
71	33.3	26.9	40.3

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

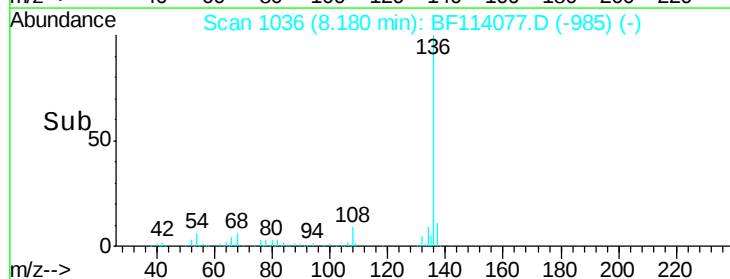
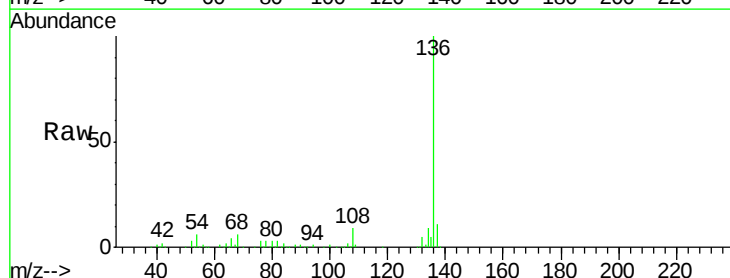
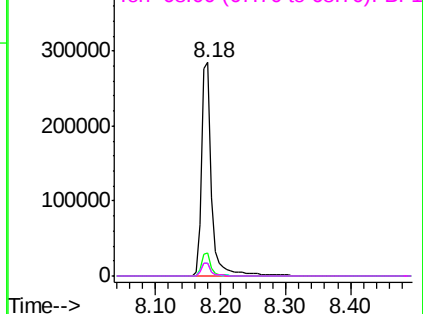
Delta R.T. -0.00 min

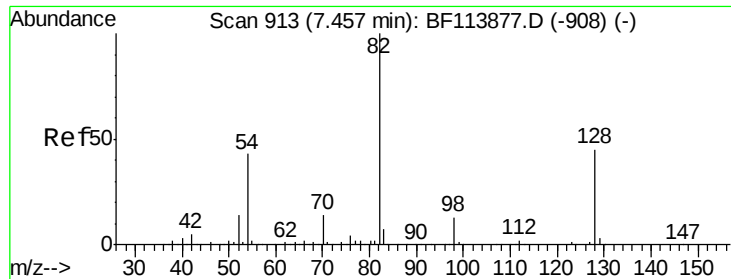
Lab File: BF114077.D

Acq: 1 May 2019 19:06

Tgt Ion:	136	Resp:	305067
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	5.7	5.0	7.6
68	5.7	4.9	7.3

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





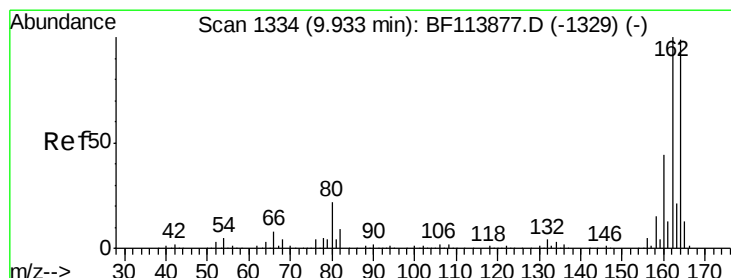
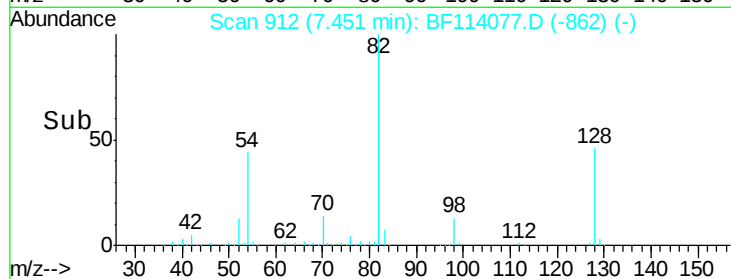
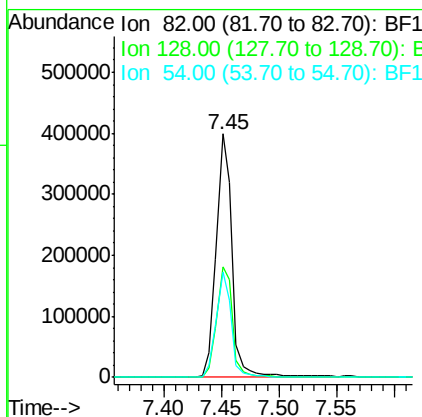
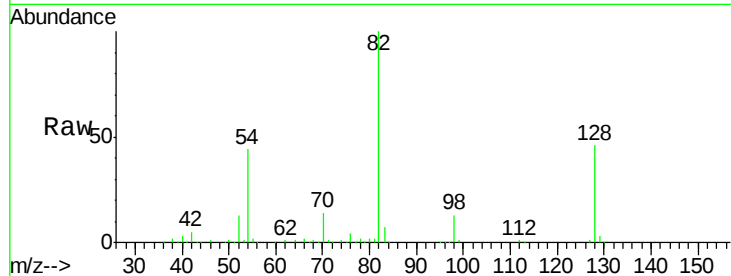
#23
 Nitrobenzene-d5
 Concen: 77.024 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114077.D
 Acq: 1 May 2019 19:06

Instrument :
 BNA_F
 ClientSampled :
 SP-1RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.8	55.2
54	43.5	33.8	50.6

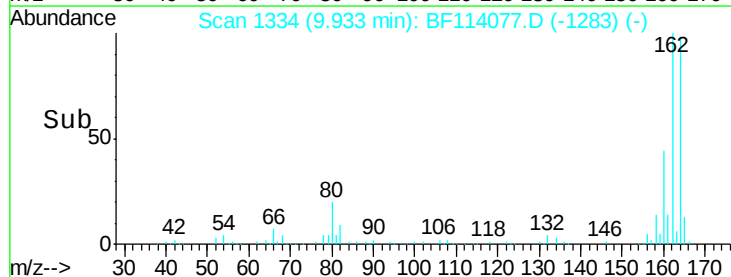
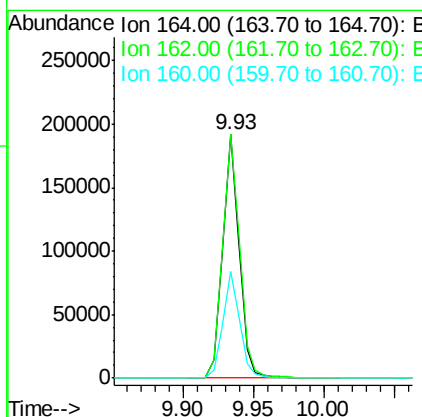
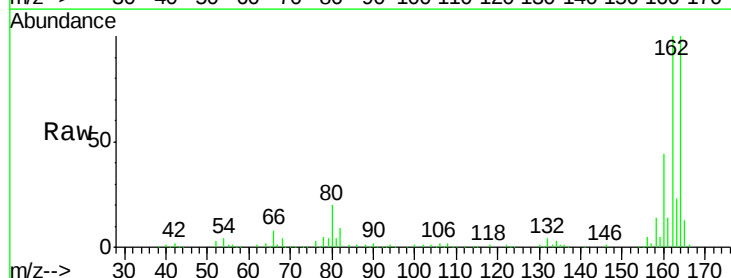
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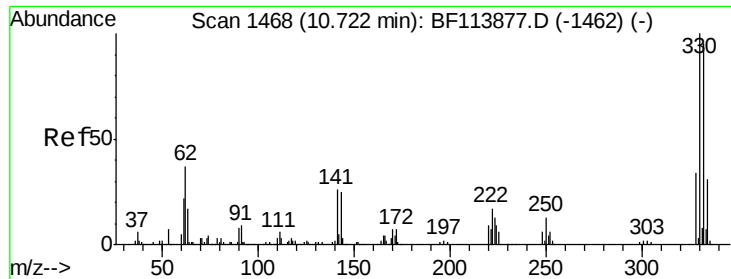
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF114077.D
 Acq: 1 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.1	121.7
160	43.9	35.8	53.6





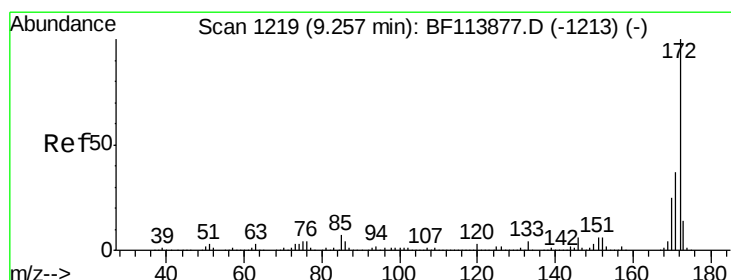
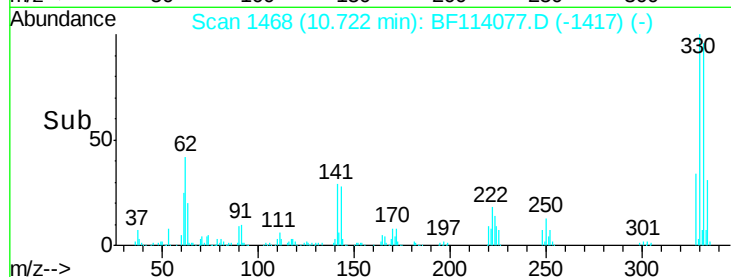
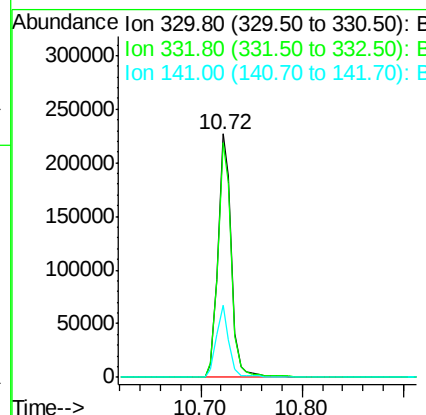
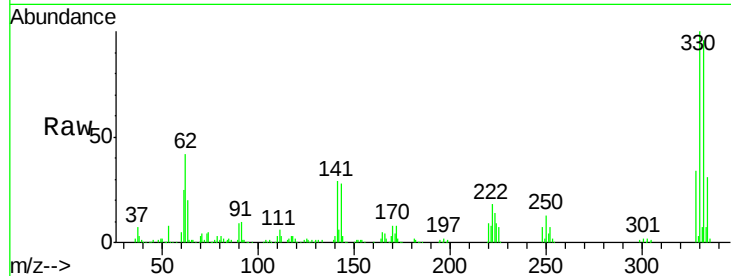
#42
 2,4,6-Tribromophenol
 Concen: 110.124 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF114077.D
 Acq: 1 May 2019 19:06

Instrument :
 BNA_F
 ClientSampleId :
 SP-1RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	209806		
332	96.8		77.5	116.3
141	27.8		22.2	33.2

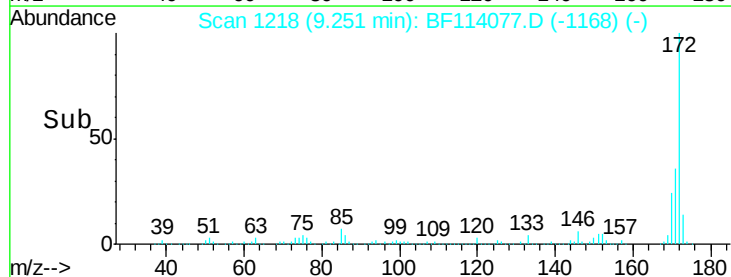
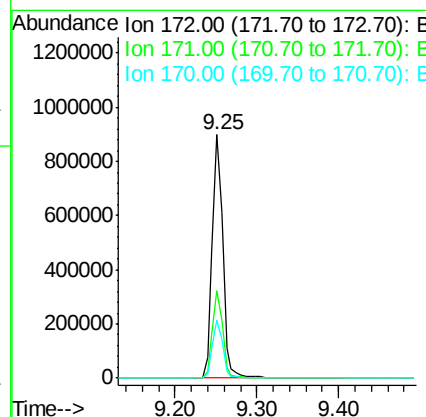
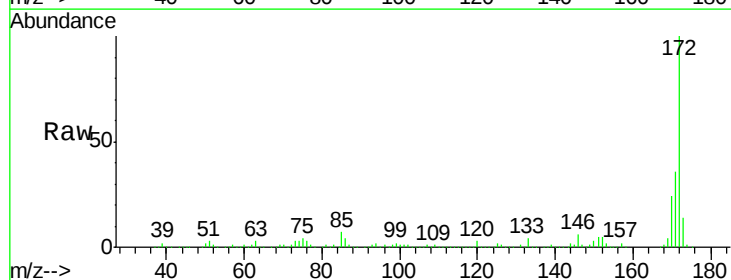
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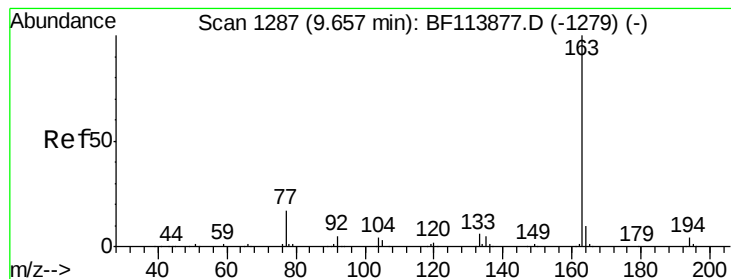
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#45
 2-Fluorobiphenyl
 Concen: 80.627 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF114077.D
 Acq: 1 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	806219		
171	35.9		29.4	44.0
170	23.7		19.9	29.9





#50

Dimethylphthalate

Concen: 7.742 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF114077.D

Acq: 1 May 2019 19:06

Instrument :

BNA_F

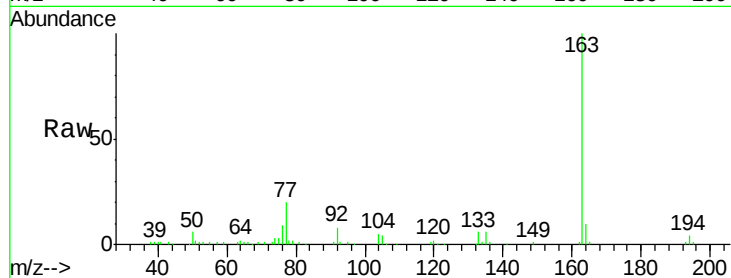
ClientSampled :

SP-1RE

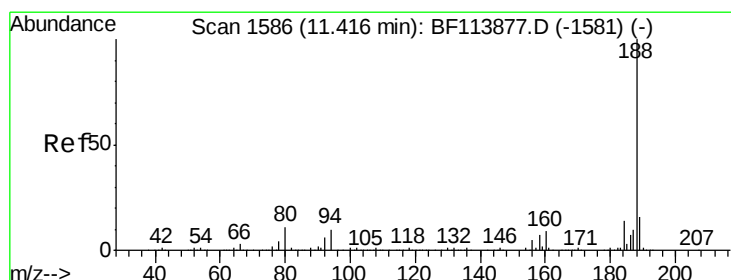
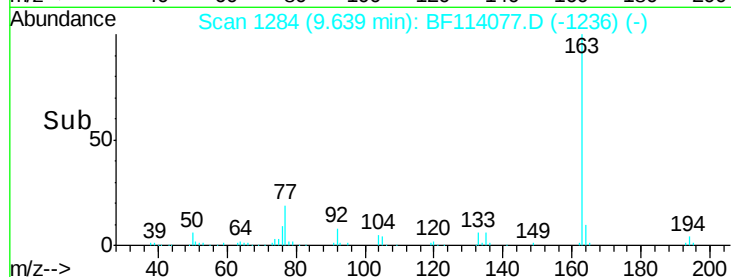
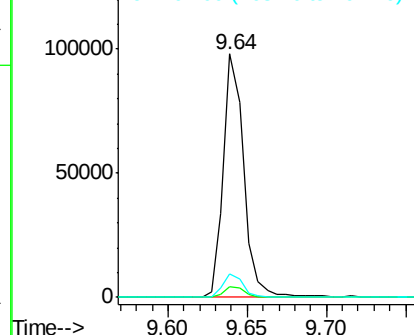
Tot Ion:	163	Resp:	87561
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	9.7	8.5	12.7

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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



#64

Phenanthrene-d10

Concen: 20.000 ng

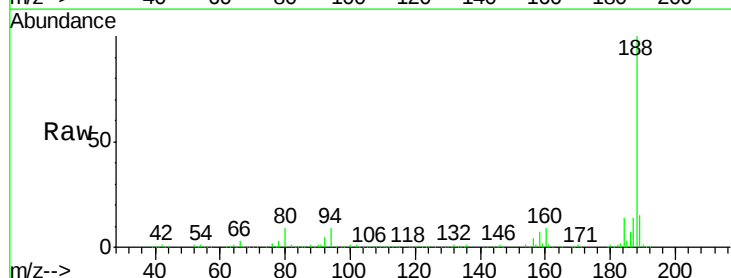
RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

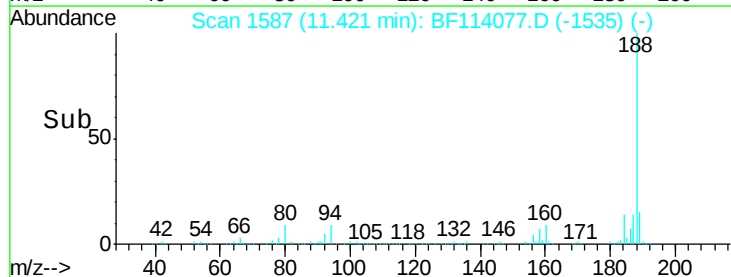
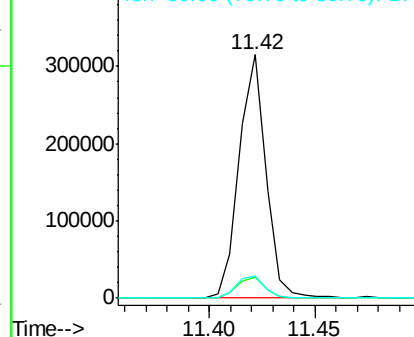
Lab File: BF114077.D

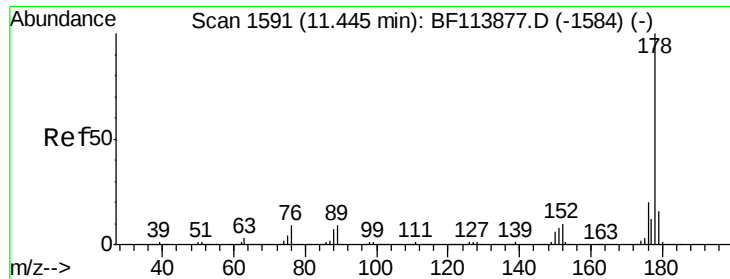
Acq: 1 May 2019 19:06

Tgt Ion:	188	Resp:	274638
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.2	12.4
80	9.3	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





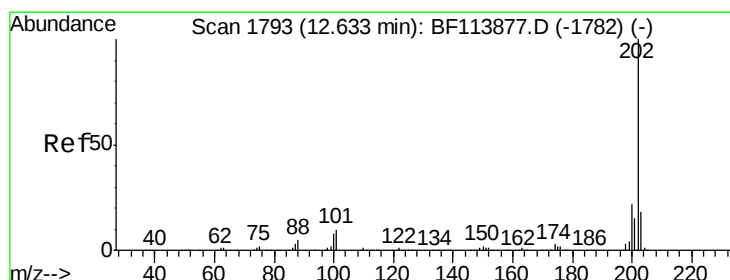
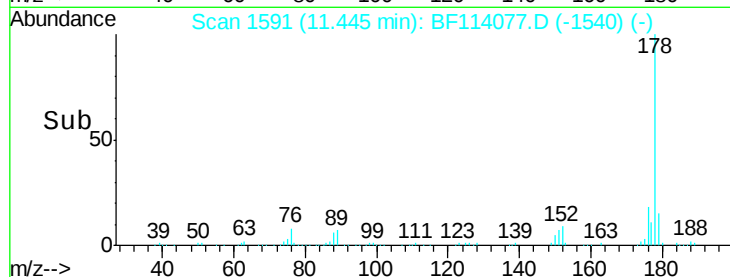
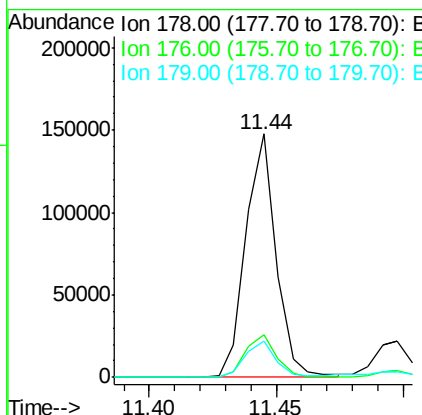
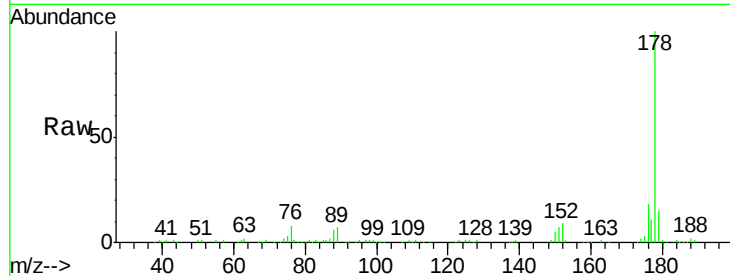
#71
Phenanthrene
Concen: 8.914 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF114077.D
Acq: 1 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
SP-1RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	16.1	24.1
179	14.8	12.8	19.2

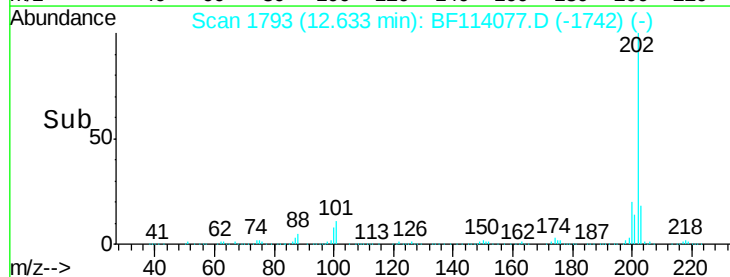
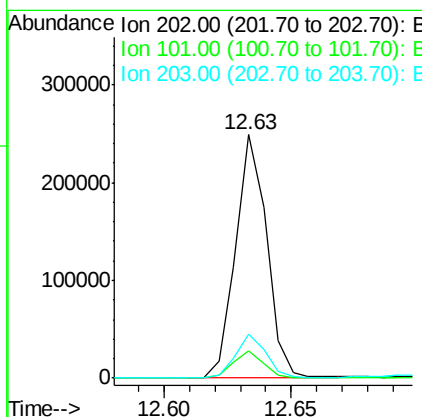
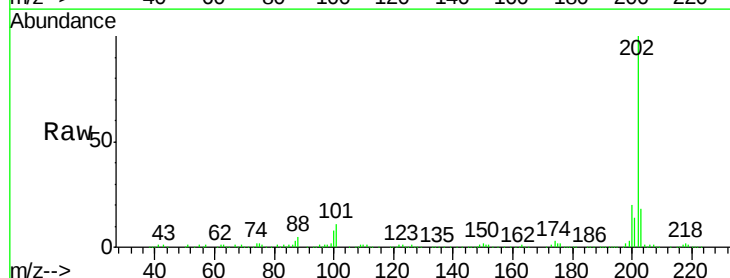
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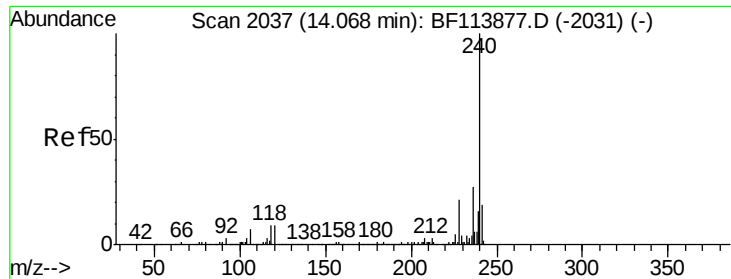
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#75
Fluoranthene
Concen: 14.118 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF114077.D
Acq: 1 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.9
203	17.9	0.0	38.2





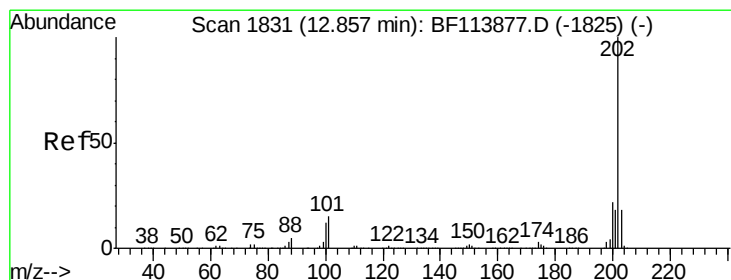
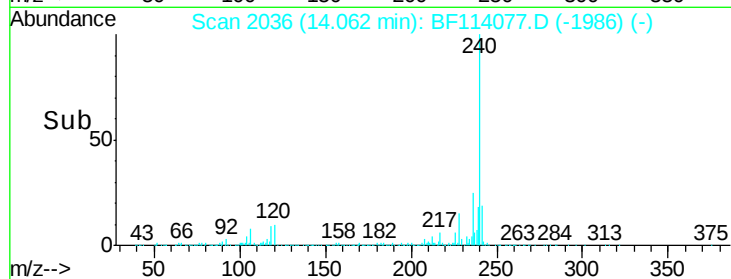
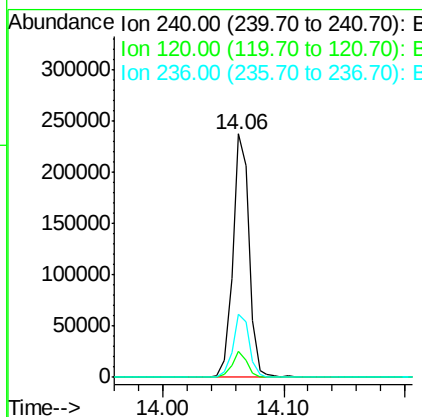
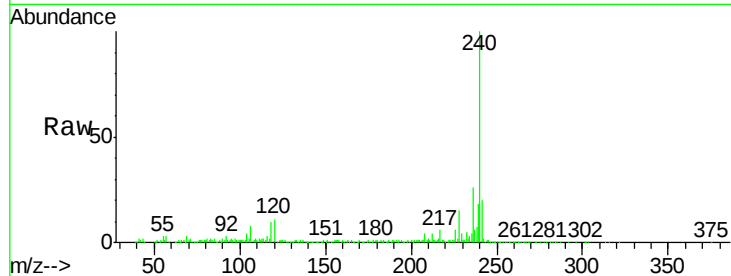
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF114077.D
Acq: 1 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
SP-1RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.3	13.9
236	25.7	21.2	31.8

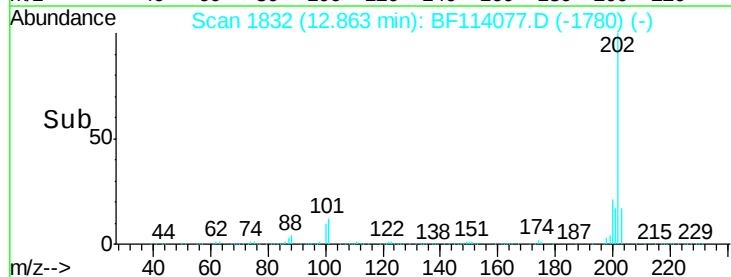
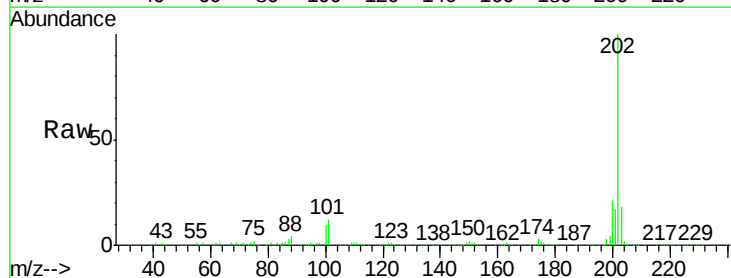
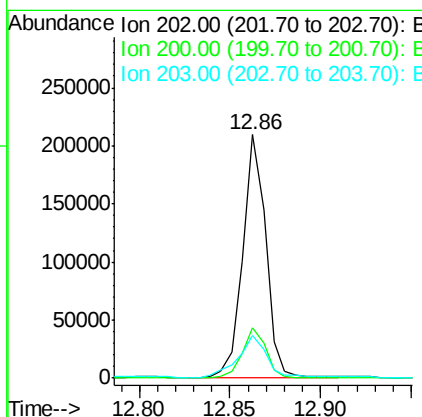
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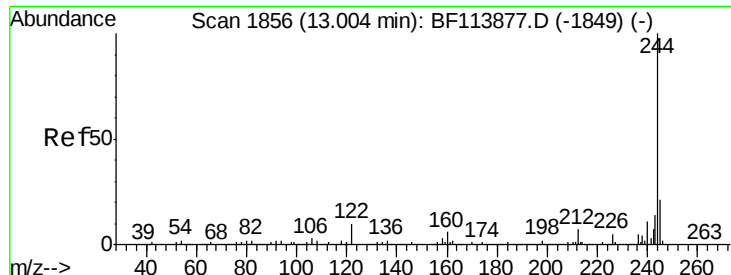
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#78
Pyrene
Concen: 11.858 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF114077.D
Acq: 1 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.7	26.5
203	17.5	15.0	22.6





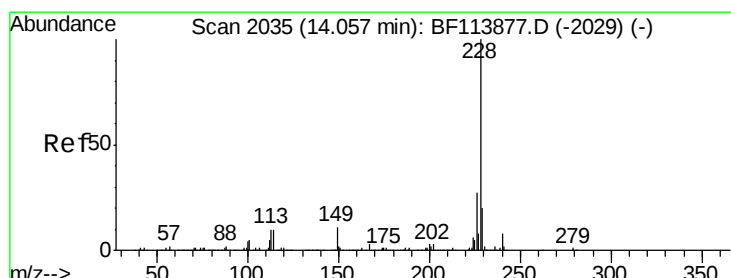
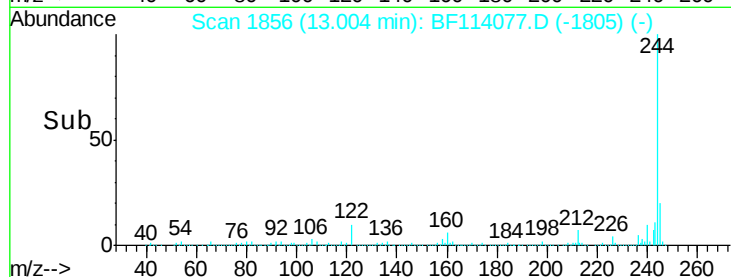
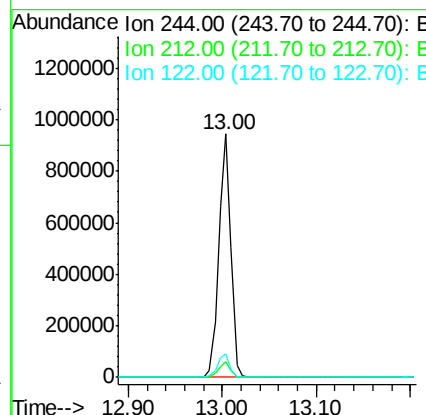
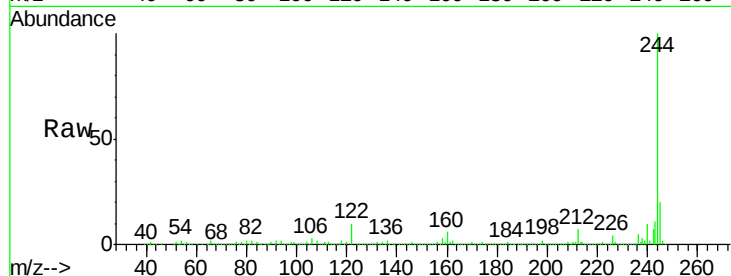
#79
 Terphenyl-d14
 Concen: 78.578 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BF114077.D
 Acq: 1 May 2019 19:06

Instrument :
 BNA_F
 ClientSampleId :
 SP-1RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	9.6	7.6	11.4

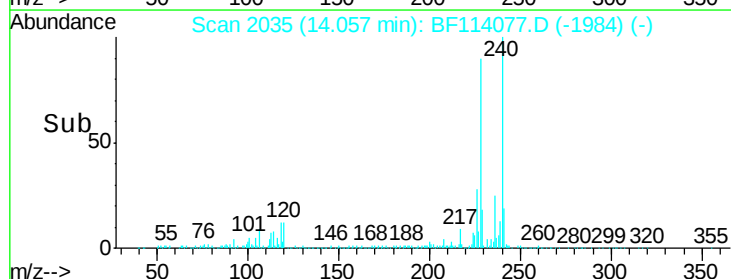
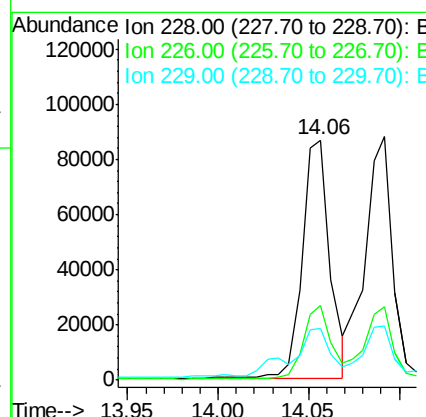
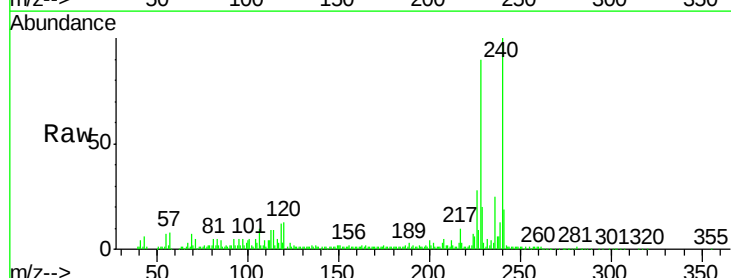
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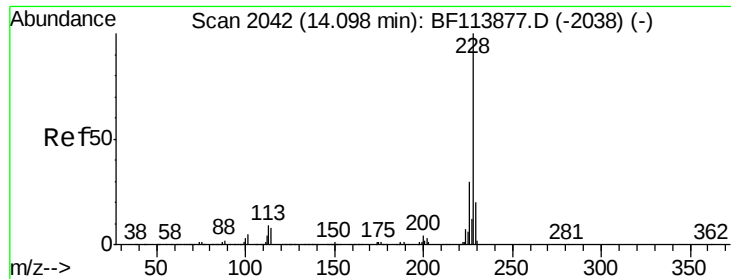
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#81
 Benzo(a)anthracene
 Concen: 7.103 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF114077.D
 Acq: 1 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.2	33.2
229	21.7	16.0	24.0





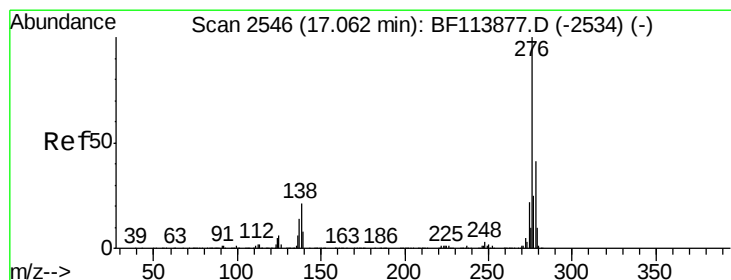
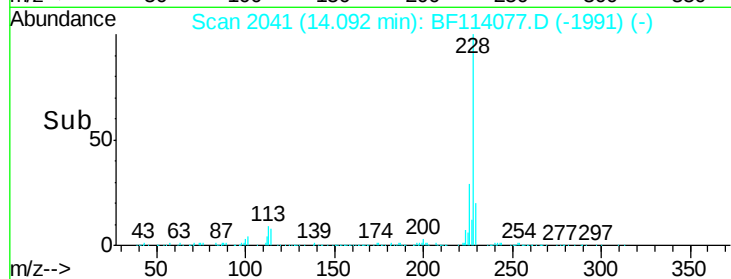
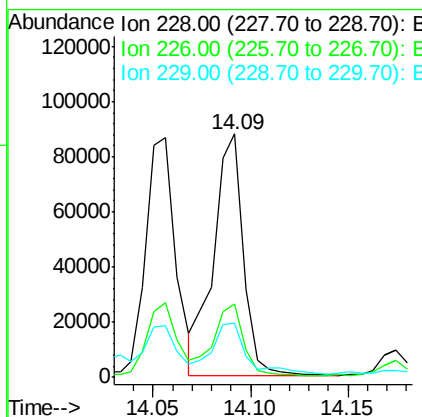
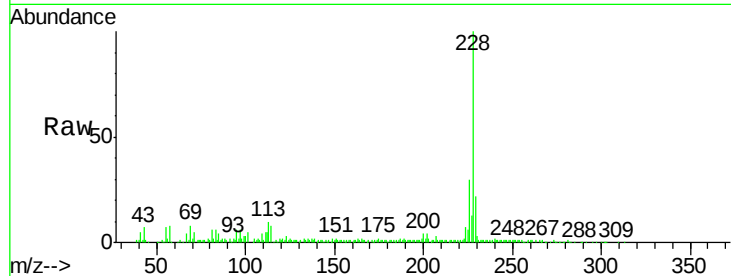
#83
Chrysene
Concen: 7.283 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF114077.D
Acq: 1 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
SP-1RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.2	37.8
229	22.2	16.7	25.1

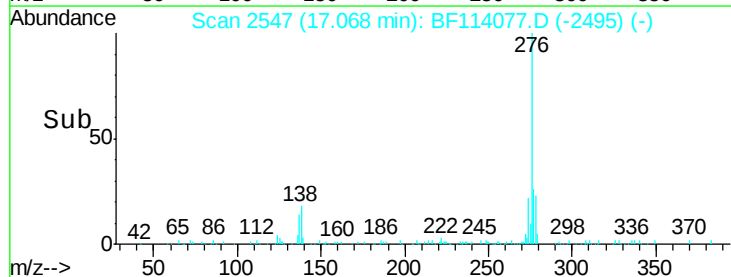
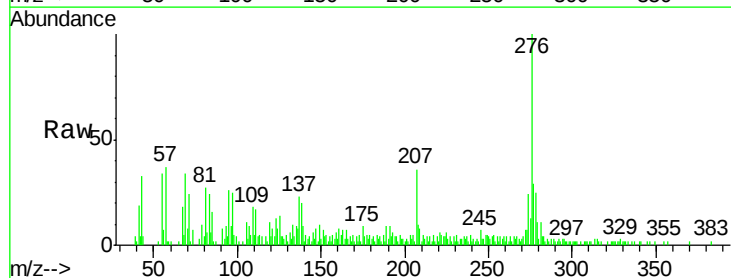
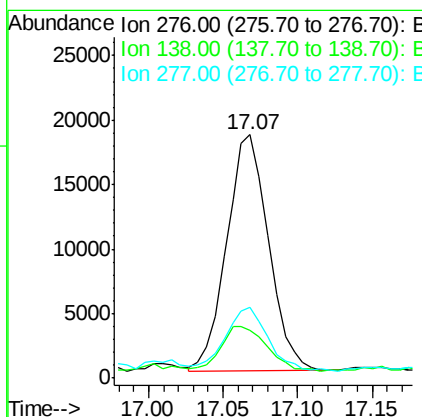
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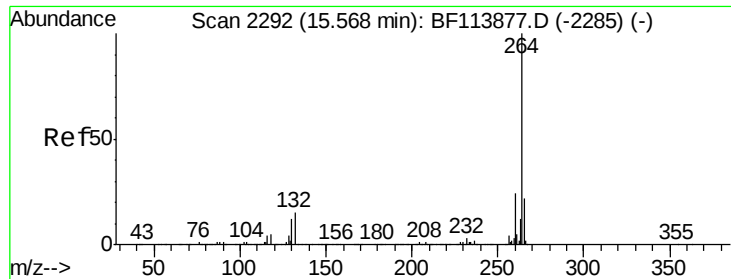
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.947 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF114077.D
Acq: 1 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	19.6	29.4
277	27.4	20.2	30.4





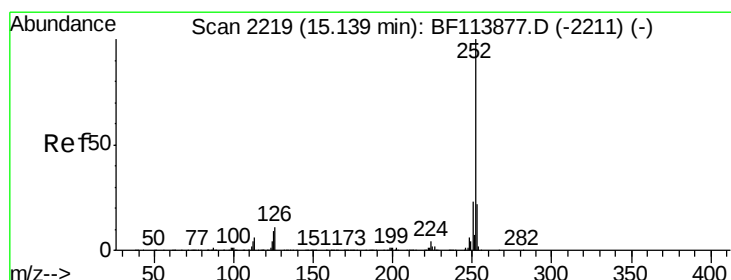
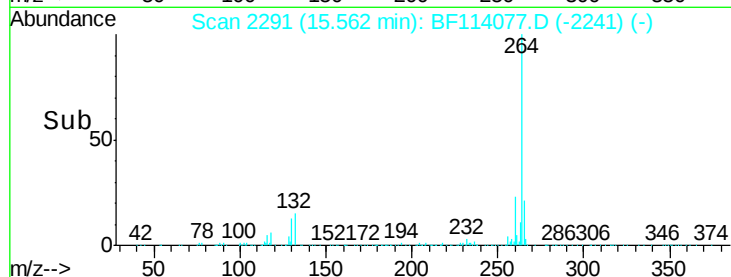
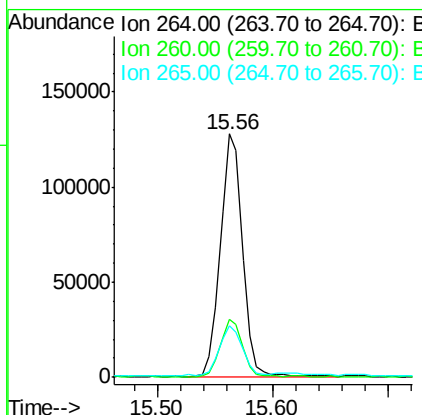
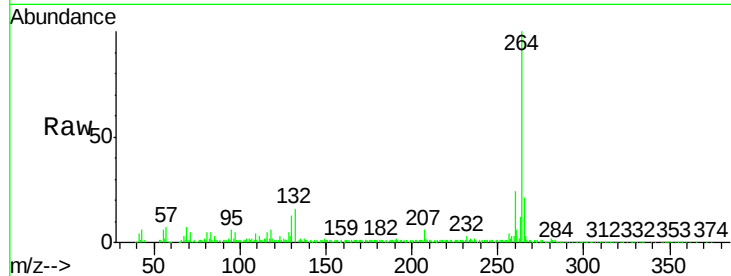
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF114077.D
Acq: 1 May 2019 19:06

Instrument :
BNA_F
ClientSampleId :
SP-1RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.2	17.3	25.9

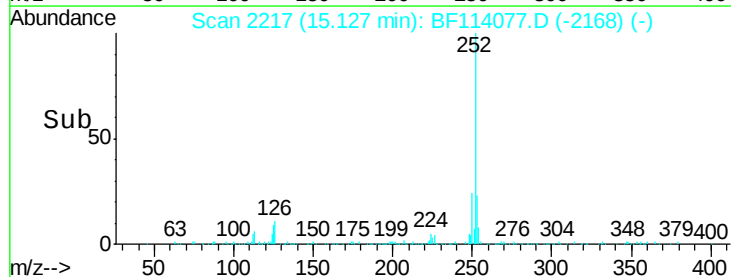
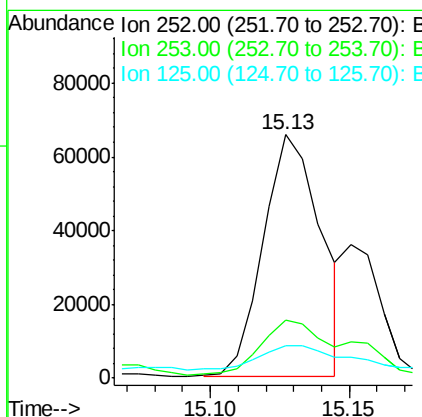
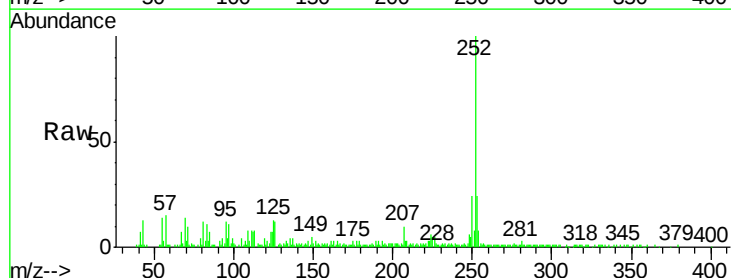
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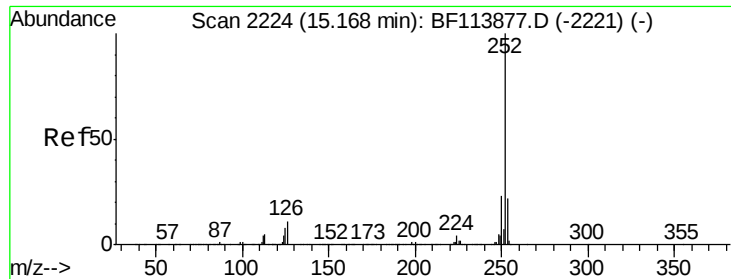
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#88
Benzo(b)fluoranthene
Concen: 8.911 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF114077.D
Acq: 1 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	13.2	7.0	10.6





#89

Benzo(k)fluoranthene

Concen: 3.615 ng/mL

RT: 15.15 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF114077.D

Acq: 1 May 2019 19:06

Instrument :

BNA_F

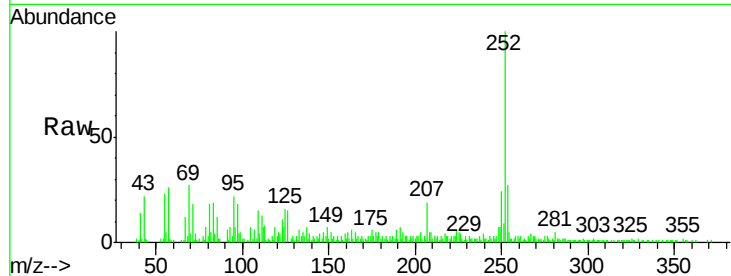
ClientSampleId :

SP-1RE

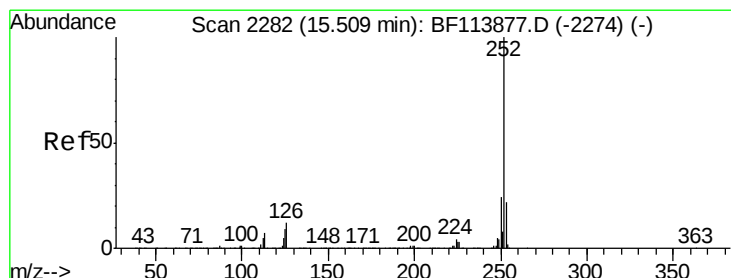
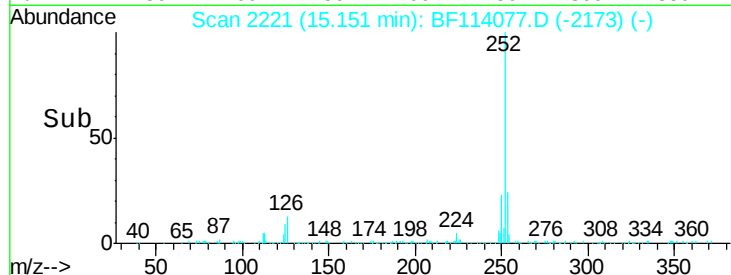
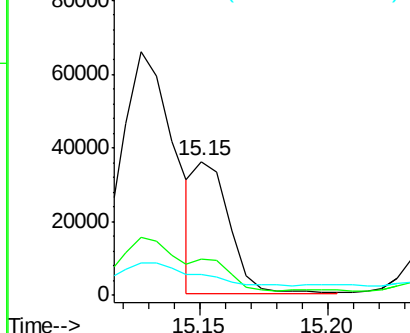
Tot Ion:	252	Resp:	33057
Ion Ratio	Lower	Upper	
252	100		
253	27.3	18.2	27.2#
125	16.1	7.4	11.2#

Manual Integrations
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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



#90

Benzo(a)pyrene

Concen: 6.712 ng/mL

RT: 15.50 min Scan# 2280

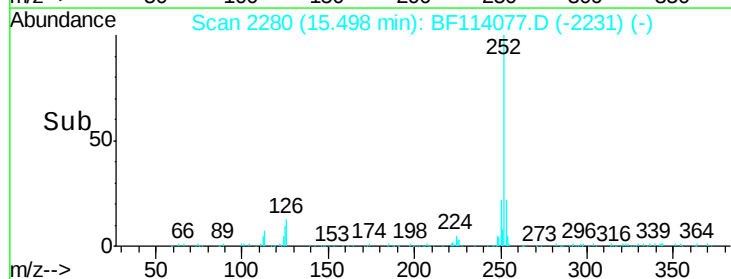
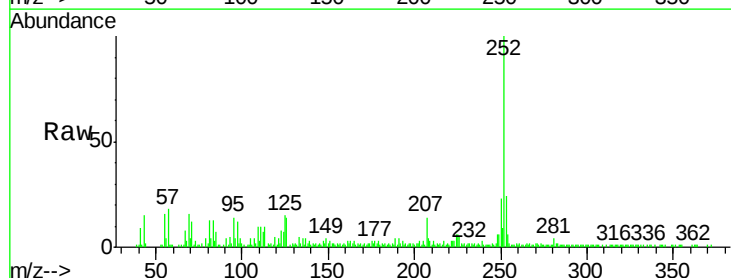
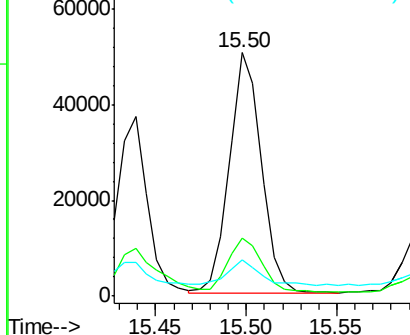
Delta R.T. -0.01 min

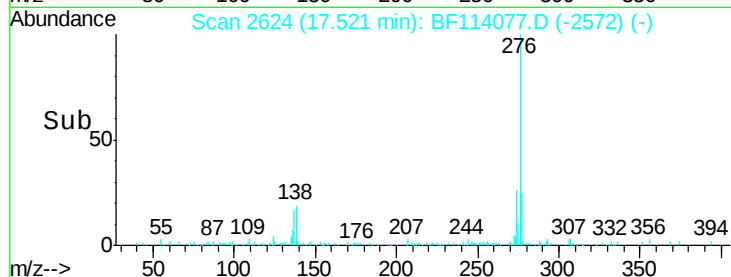
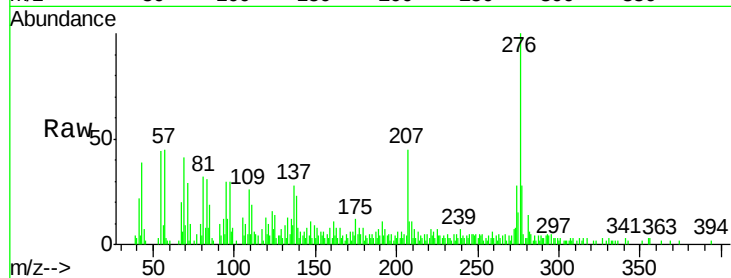
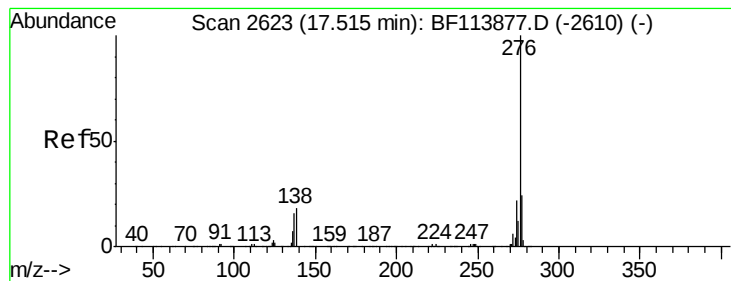
Lab File: BF114077.D

Acq: 1 May 2019 19:06

Tgt Ion:	252	Resp:	61723
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.5	26.3
125	15.0	8.5	12.7#

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





#92

Benzo(a,h,i)perylene

Concen: 3.742 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BF114077.D

Acq: 1 May 2019 19:06

Tot Ion:	276	Resp:	32598
Ion Ratio	Lower	Upper	
276	100		
277	27.6	19.0	28.4
138	22.6	16.6	25.0

Instrument :

BNA_F

ClientSampleId :

SP-1RE

Manual Integrations
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