

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113871.D
 Acq On : 19 Apr 2019 20:48
 Operator : JU/SJ
 Sample : K2201-09 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-041819-E

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Quant Time: Apr 20 05:12:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163957	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	563868	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	258613	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	511615	20.00	ng	0.02
76) Chrysene-d12	14.41	240	422573m	20.00	ng	0.36
87) Perylene-d12	16.26	264	336487m	20.00	ng	0.75
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	207867	21.08	ng	0.00
7) Phenol-d6	6.52	99	264203	21.49	ng	0.00
23) Nitrobenzene-d5	7.45	82	123542	13.34	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	62475	21.87	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	271790	16.03	ng	0.00
79) Terphenyl-d14	13.13	244	340872	16.92	ng	0.13
Target Compounds						
71) Phenanthrene	11.46	178	59852	2.297	ng	98
75) Fluoranthene	12.71	202	129997	4.707	ng	97
78) Pyrene	12.96	202	128618	4.319	ng	95
81) Benzo(a)anthracene	14.39	228	59056m	2.391	ng	
83) Chrysene	14.44	228	58013m	2.366	ng	

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

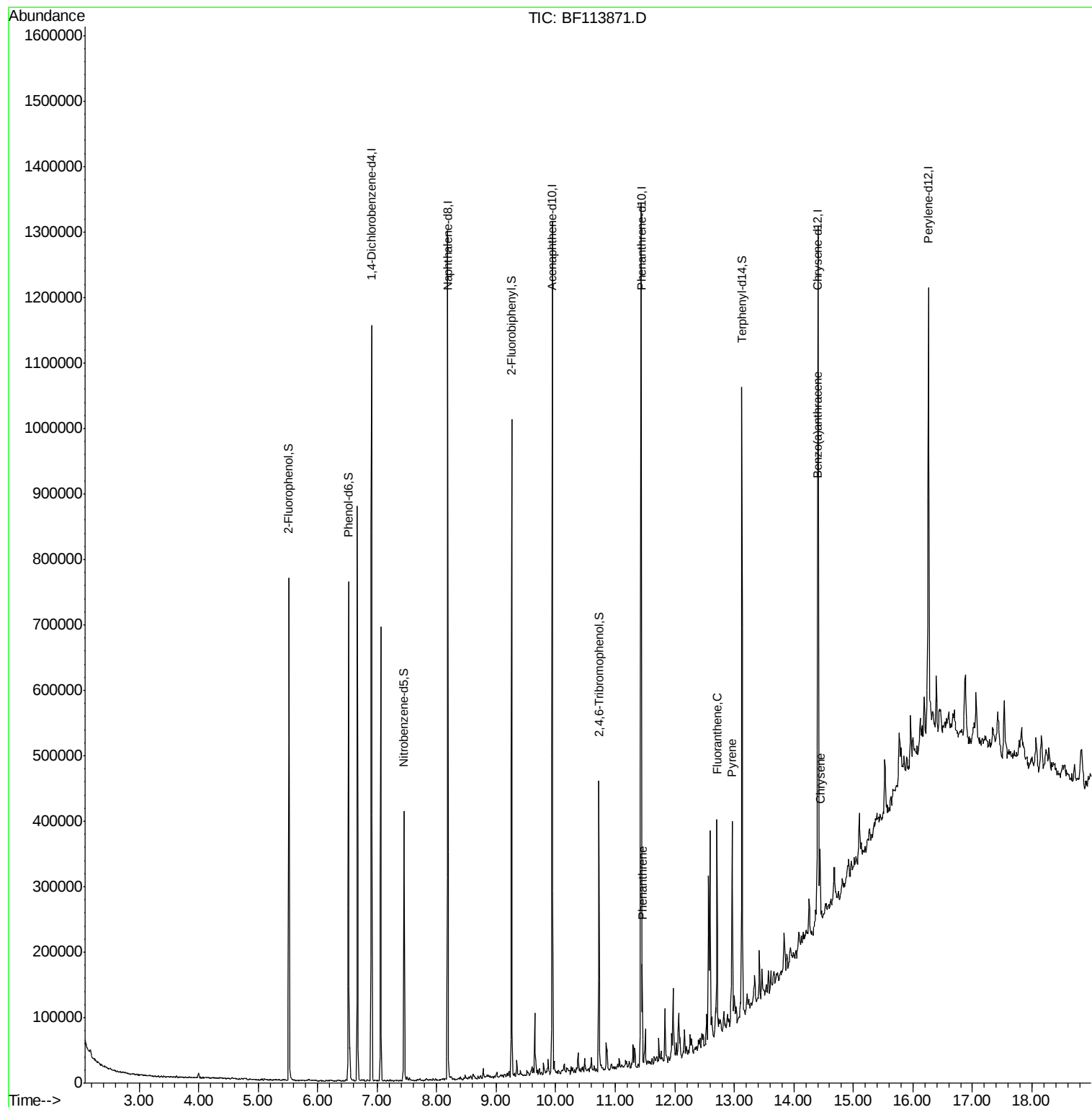
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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ALS Vial : 23 Sample Multiplier: 1

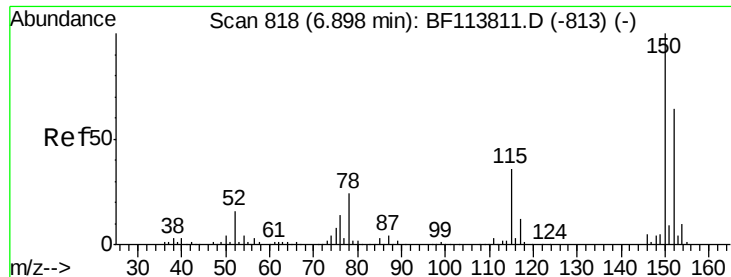
Instrument :
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PL-01-041819-E

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

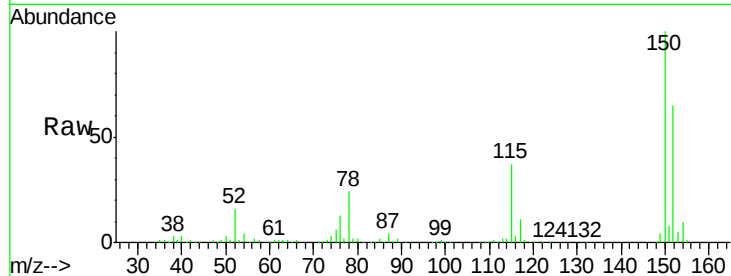
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

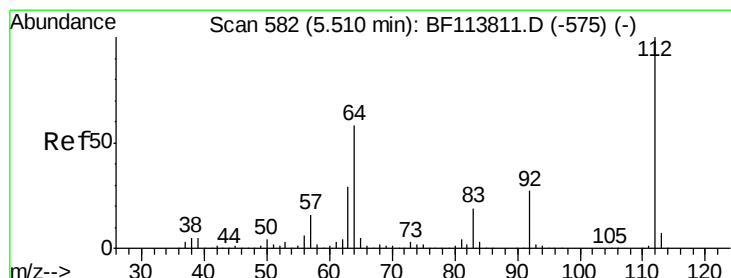
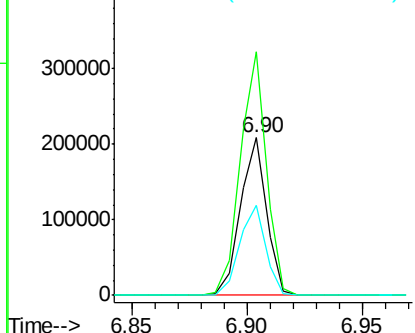
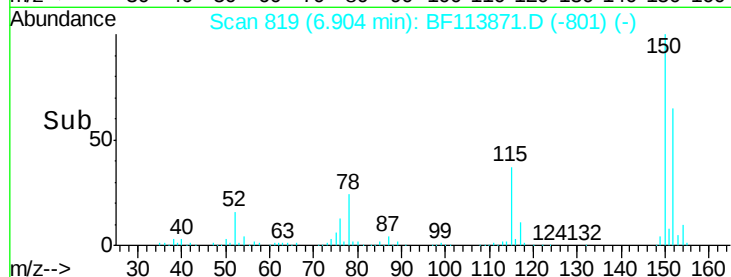
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.9	188.9
115	56.9	45.9	68.9

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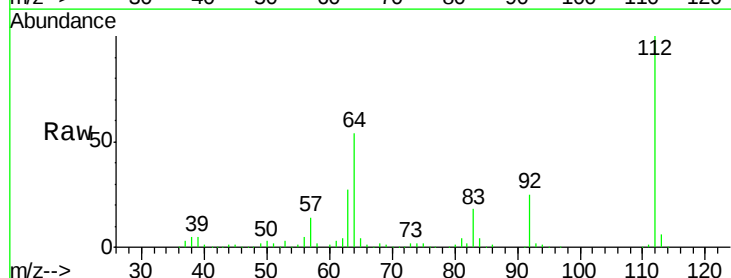
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



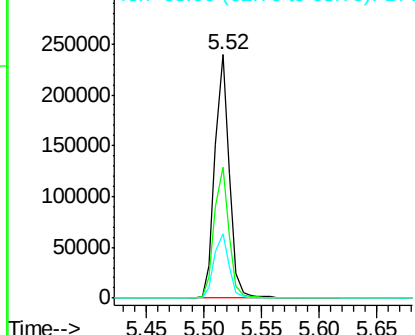
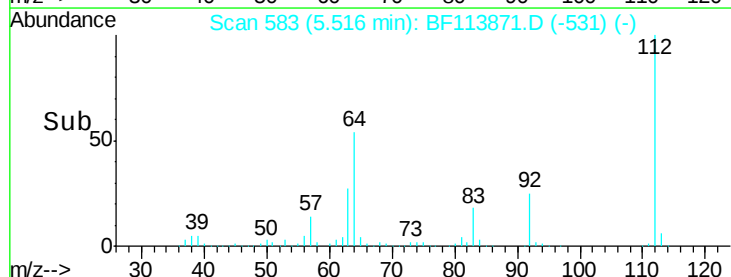
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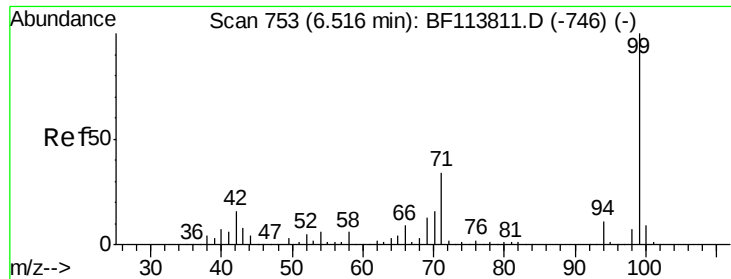
2-Fluorophenol
Concen: 21.081 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.6	69.8
63	26.6	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 21.486 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF113871.D

Acq: 19 Apr 2019 20:48

Instrument :

BNA_F

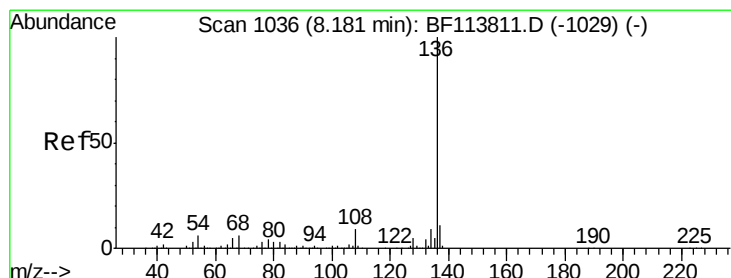
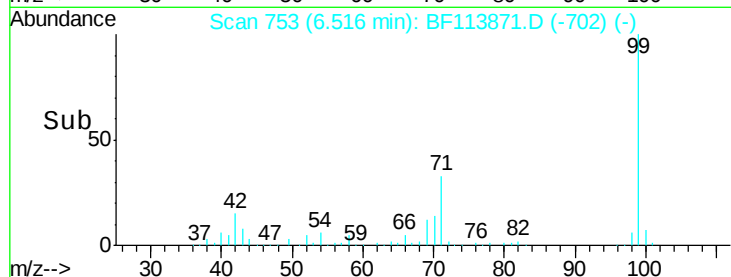
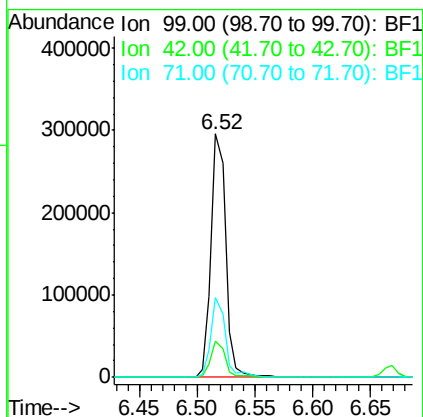
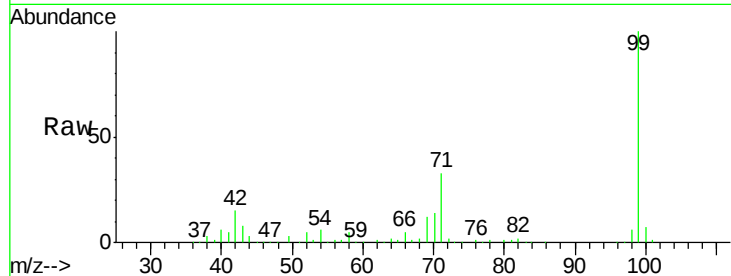
ClientSampled :

PL-01-041819-E

Tgt Ion:	99	Resp:	264203
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.5	18.7
71	33.0	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

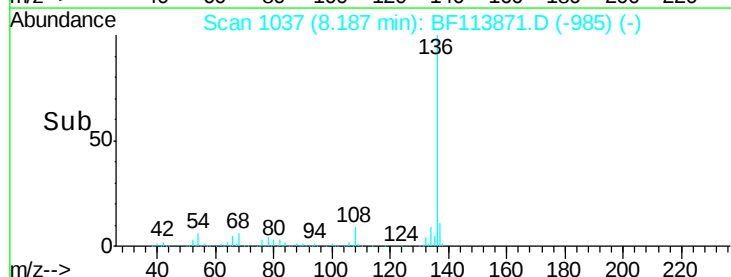
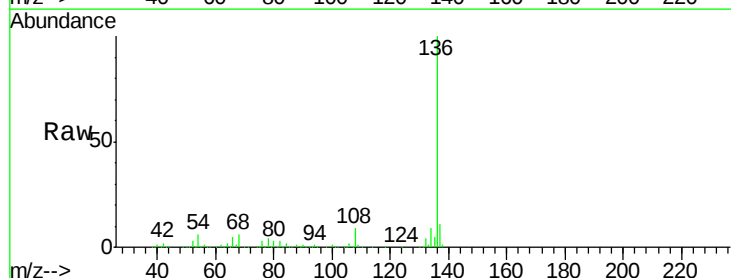
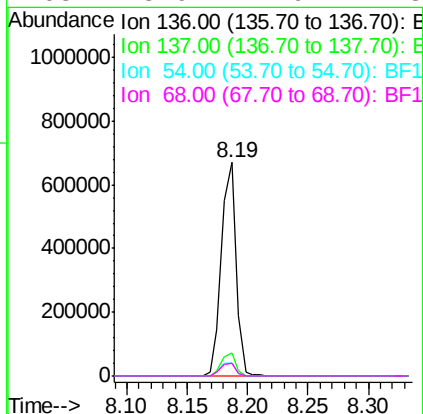
RT: 8.19 min Scan# 1037

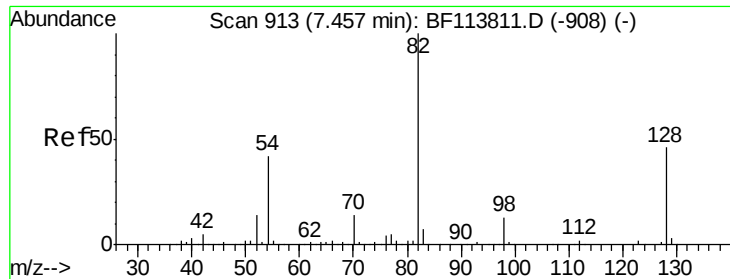
Delta R.T. 0.01 min

Lab File: BF113871.D

Acq: 19 Apr 2019 20:48

Tgt Ion:	136	Resp:	563868
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	5.9	5.0	7.6
68	5.9	4.9	7.3





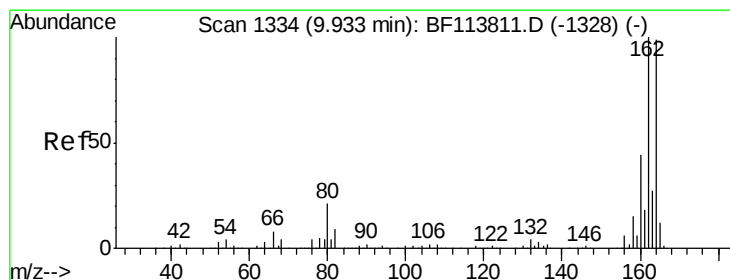
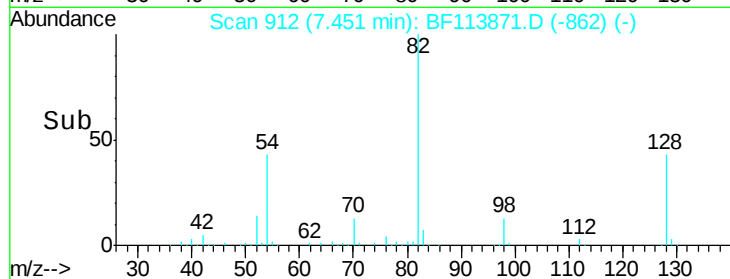
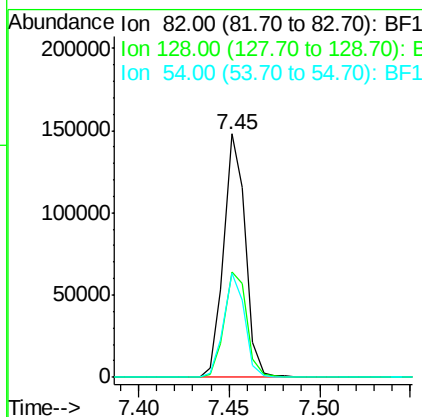
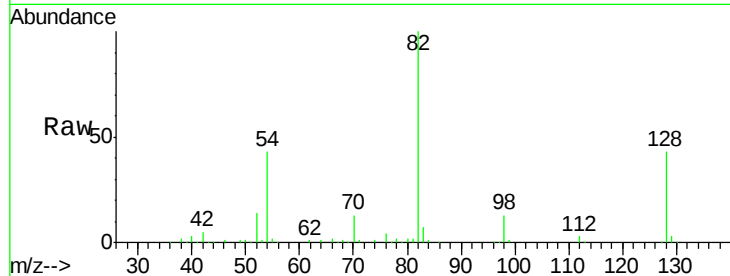
#23
 Nitrobenzene-d5
 Concen: 13.342 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113871.D
 Acq: 19 Apr 2019 20:48

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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	123542		
128	43.4	36.8	55.2	
54	42.7	33.8	50.6	

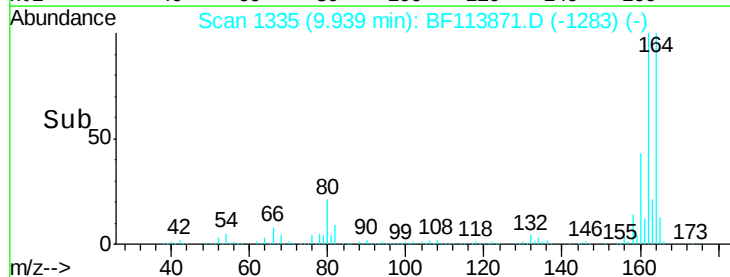
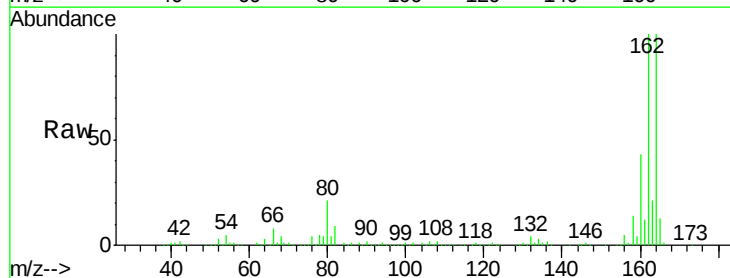
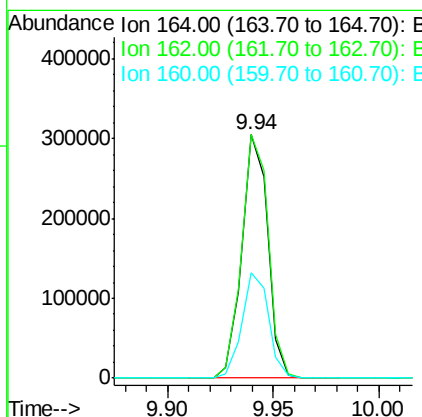
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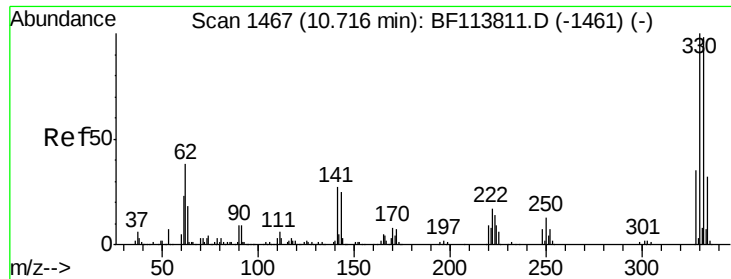
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF113871.D
 Acq: 19 Apr 2019 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	258613		
162	100.1	81.1	121.7	
160	43.3	35.8	53.6	





#42

2,4,6-Tribromophenol

Concen: 21.866 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF113871.D

Acq: 19 Apr 2019 20:48

Instrument :

BNA_F

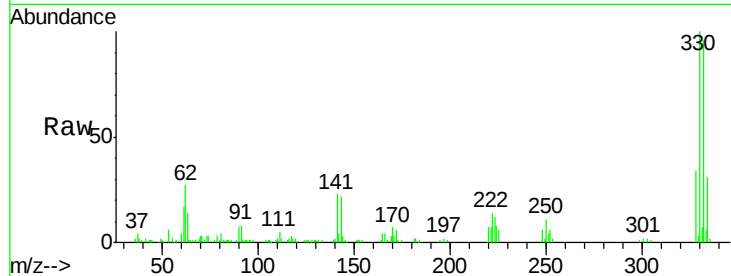
ClientSampleId :

PL-01-041819-E

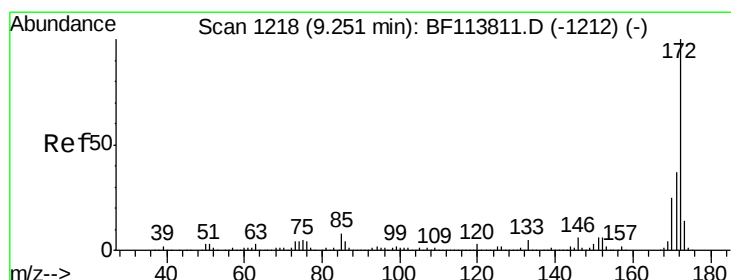
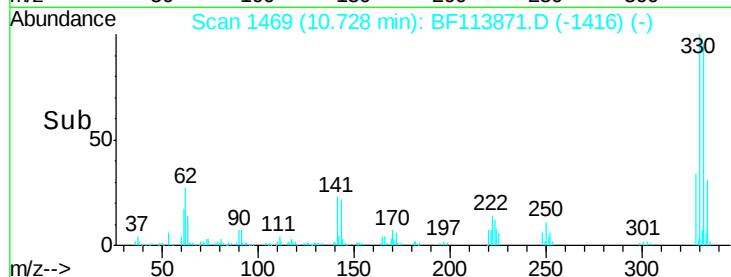
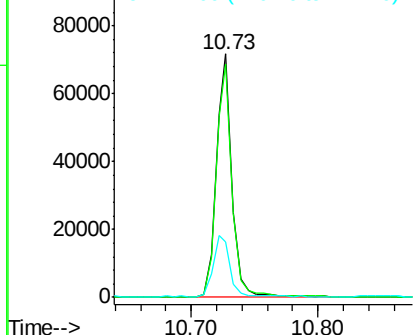
Tgt Ion:	330	Resp:	62475
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.5	116.3
141	28.7	22.2	33.2

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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



#45

2-Fluorobiphenyl

Concen: 16.027 ng

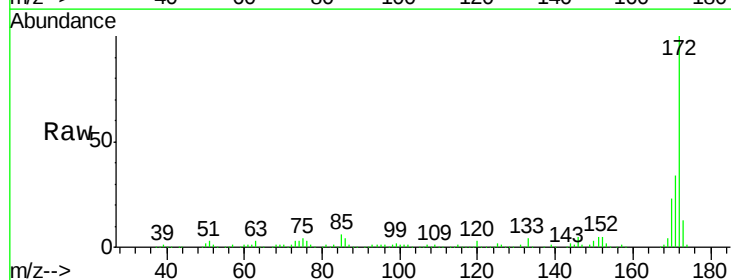
RT: 9.26 min Scan# 1219

Delta R.T. 0.01 min

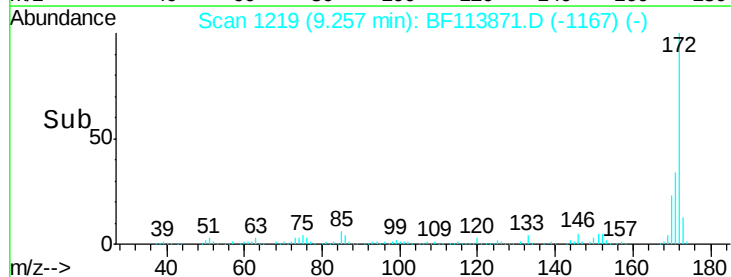
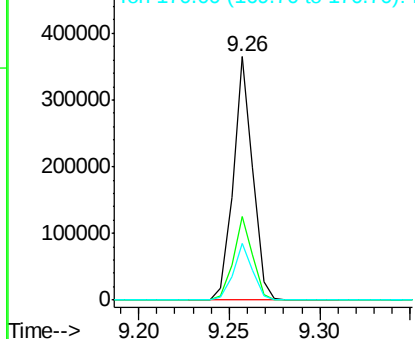
Lab File: BF113871.D

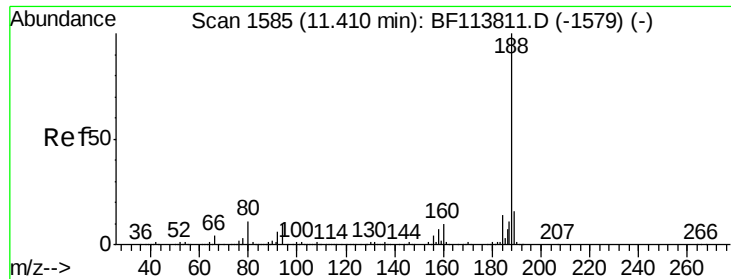
Acq: 19 Apr 2019 20:48

Tgt Ion:	172	Resp:	271790
Ion Ratio	Lower	Upper	
172	100		
171	34.1	29.4	44.0
170	23.2	19.9	29.9



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





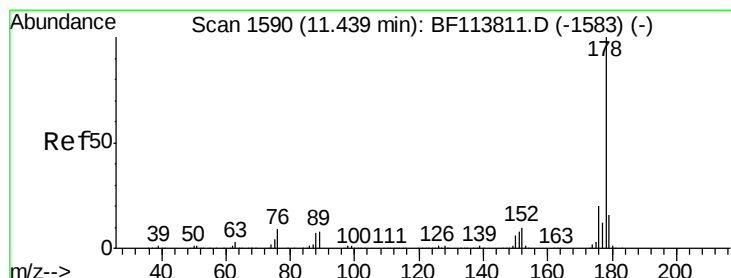
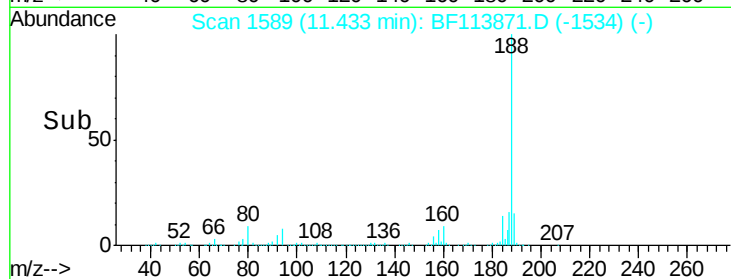
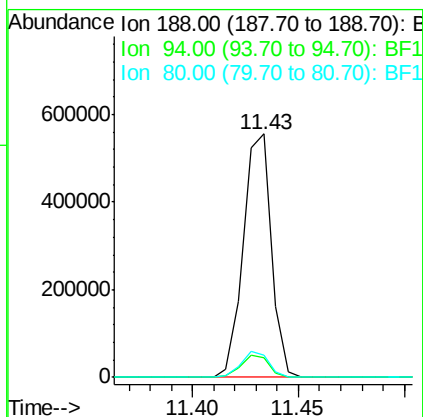
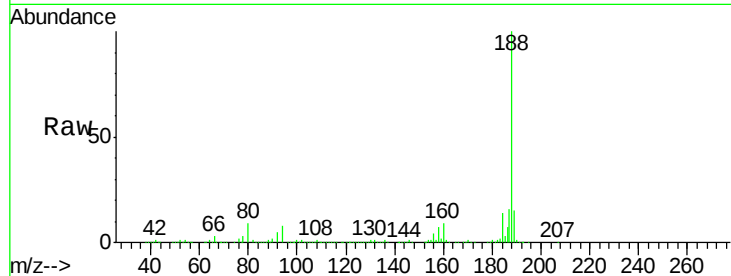
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.3	8.2	12.4
80	8.9	9.0	13.6

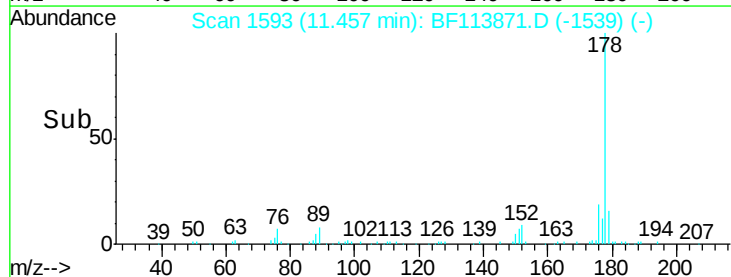
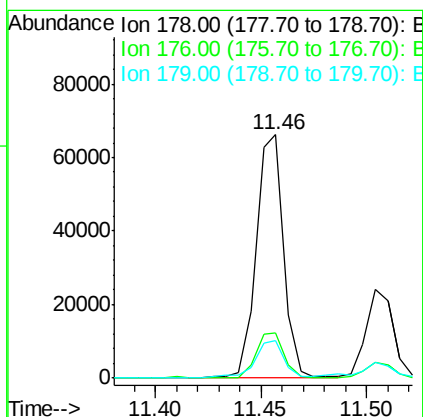
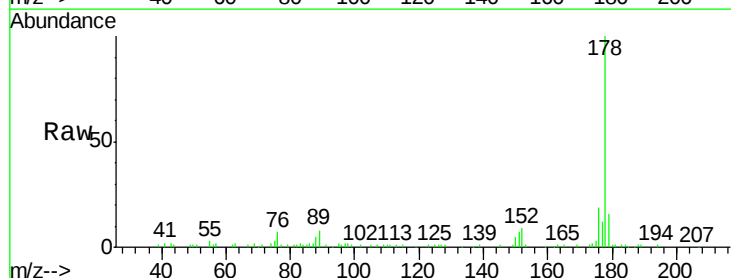
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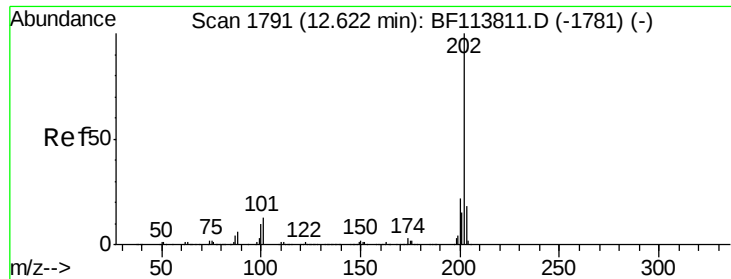
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#71
Phenanthrene
Concen: 2.297 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.6	16.1	24.1
179	15.7	12.8	19.2





#75

Fluoranthene

Concen: 4.707 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.09 min

Lab File: BF113871.D

Acq: 19 Apr 2019 20:48

Instrument :

BNA_F

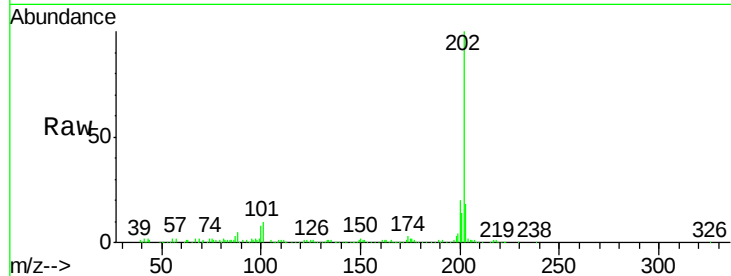
ClientSampleId :

PL-01-041819-E

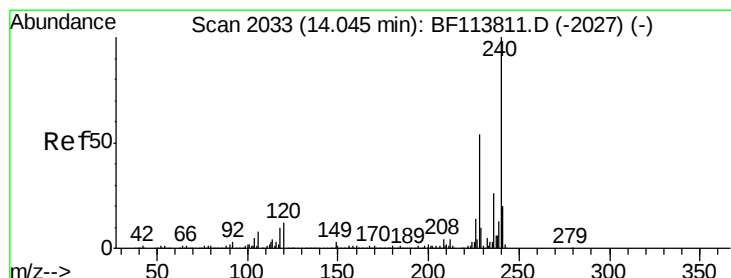
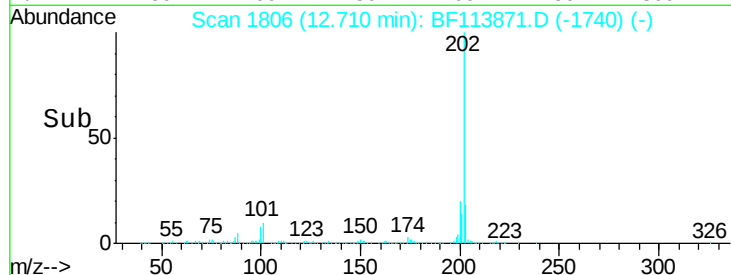
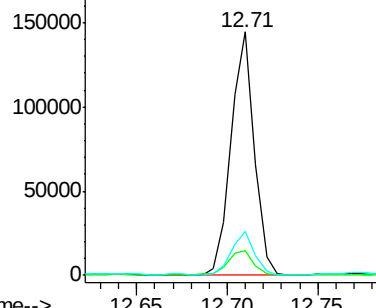
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.0	0.0	32.9
203	18.1	0.0	38.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng m

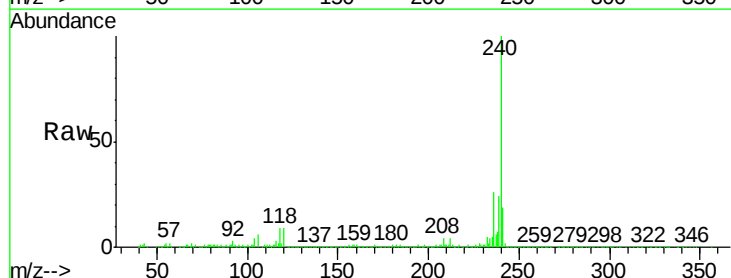
RT: 14.41 min Scan# 2095

Delta R.T. 0.36 min

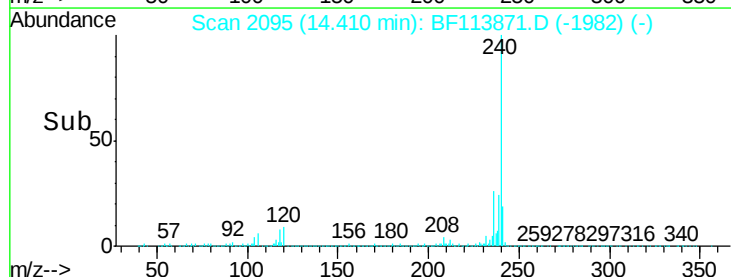
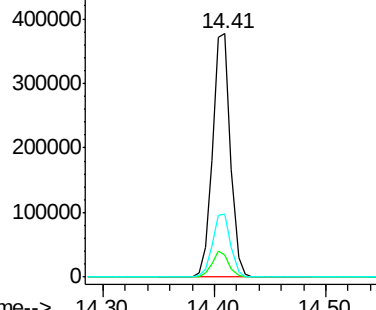
Lab File: BF113871.D

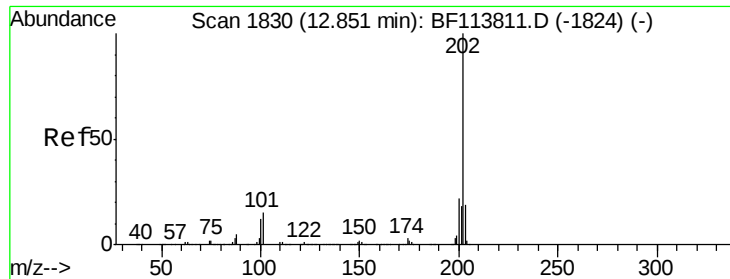
Acq: 19 Apr 2019 20:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.2	9.3	13.9#
236	26.2	21.2	31.8



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





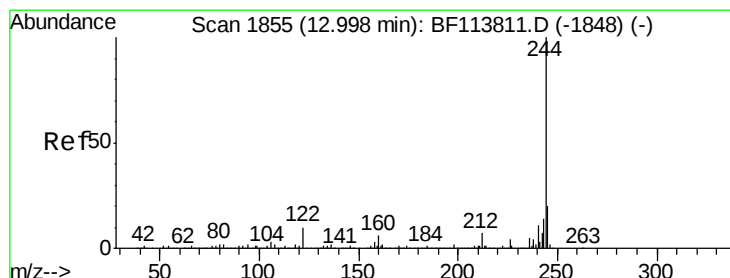
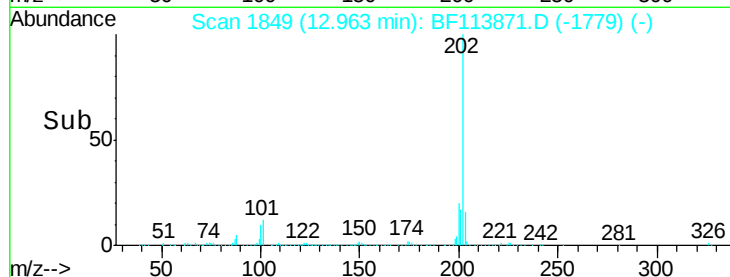
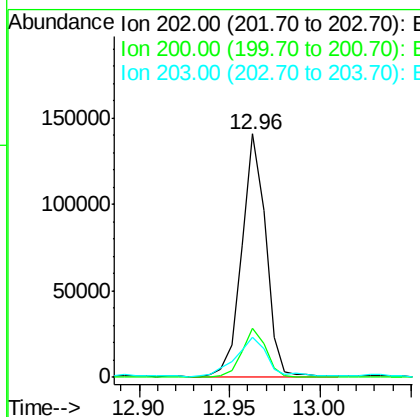
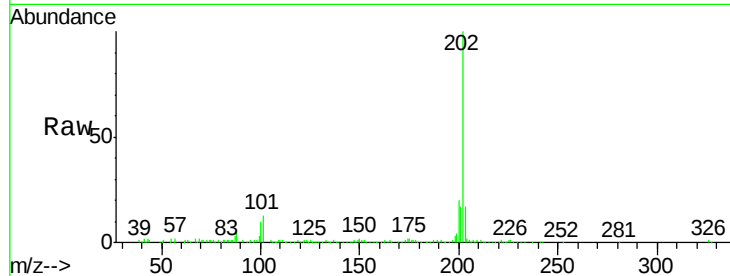
#78
 Pyrene
 Concen: 4.319 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.11 min
 Lab File: BF113871.D
 Acq: 19 Apr 2019 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-041819-E

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.0	17.7	26.5
203	16.7	15.0	22.6

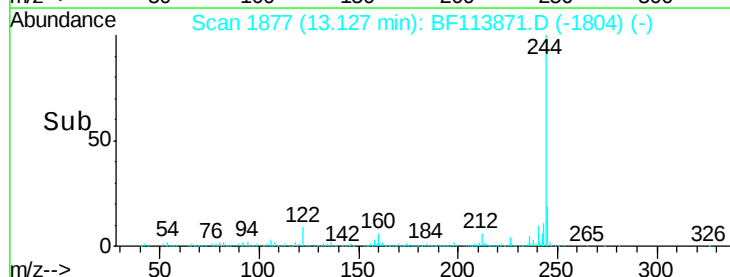
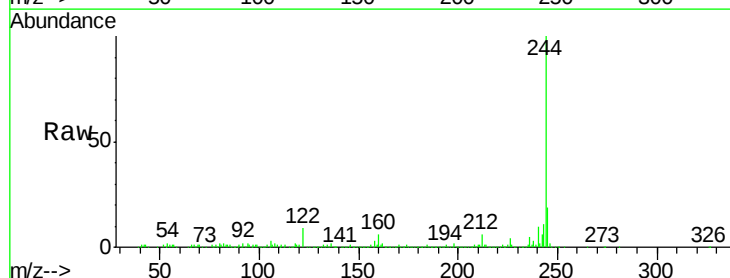
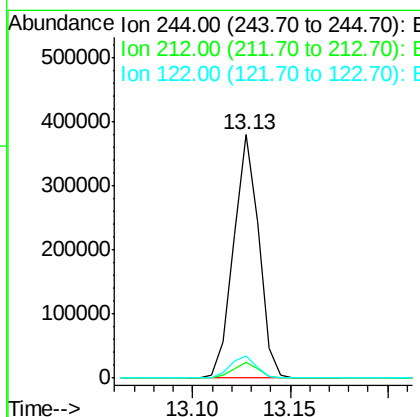
Manual Integrations
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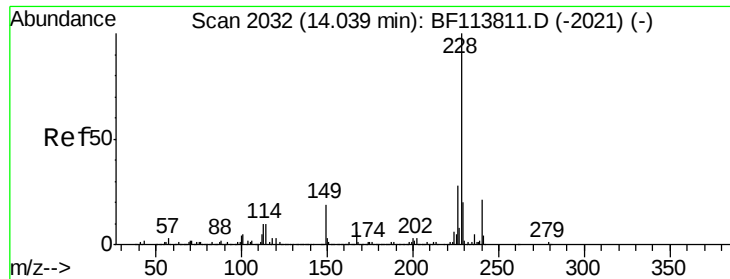
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#79
 Terphenyl-d14
 Concen: 16.915 ng
 RT: 13.13 min Scan# 1877
 Delta R.T. 0.13 min
 Lab File: BF113871.D
 Acq: 19 Apr 2019 20:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.4	5.4	8.2
122	9.3	7.6	11.4





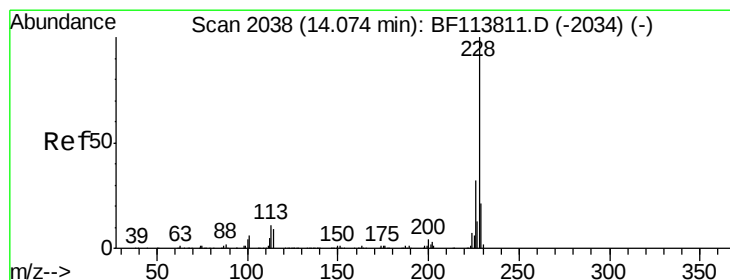
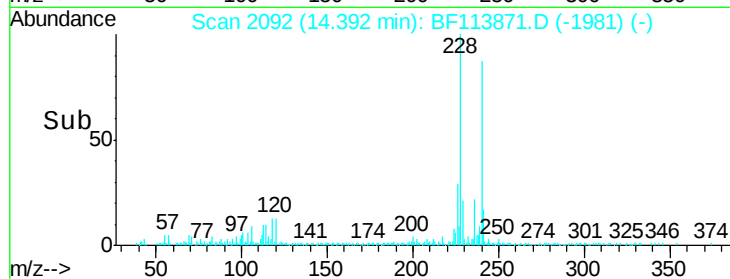
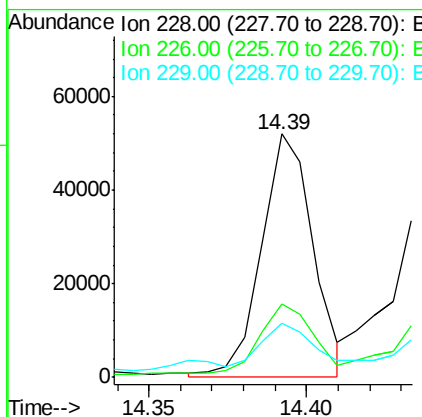
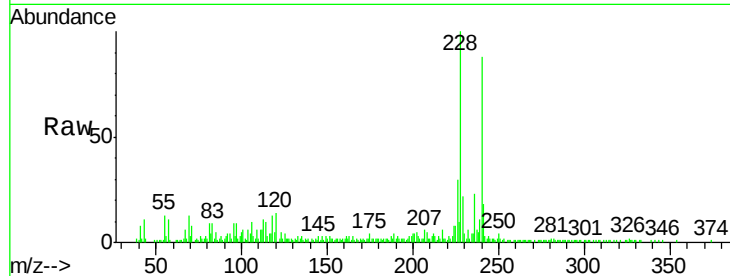
#81
Benzo(a)anthracene
Concen: 2.391 ng m
RT: 14.39 min Scan# 2092
Delta R.T. 0.35 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.2	33.2
229	22.2	16.0	24.0

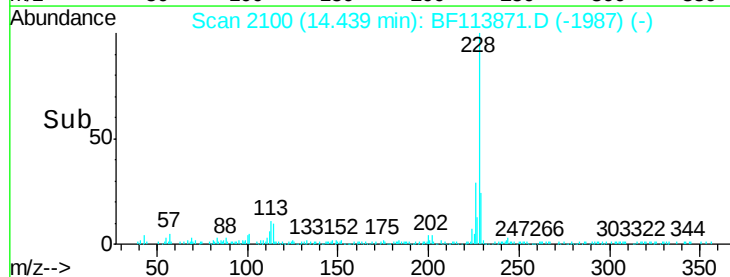
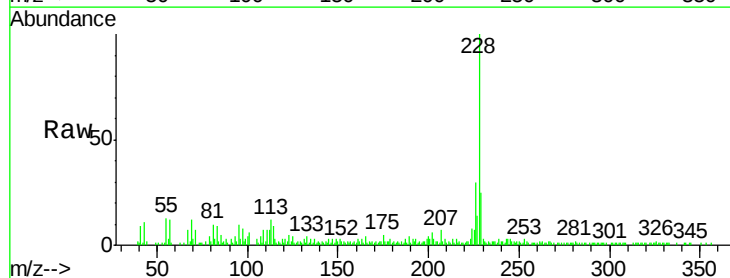
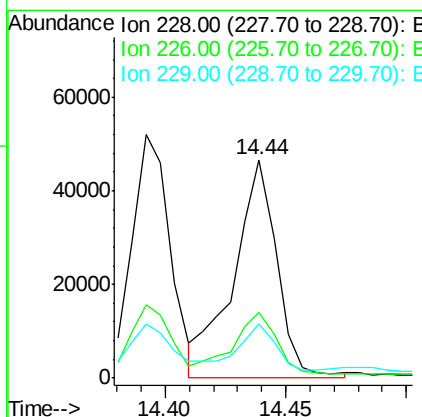
Manual Integrations
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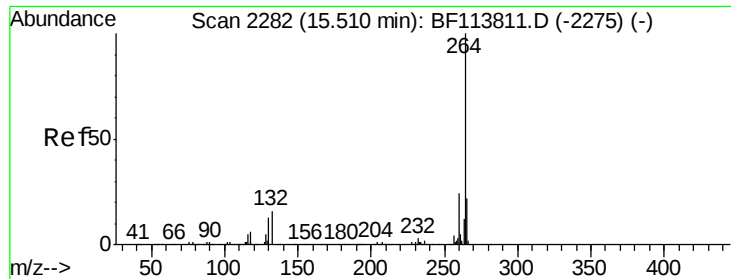
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#83
Chrysene
Concen: 2.366 ng m
RT: 14.44 min Scan# 2100
Delta R.T. 0.36 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.2	37.8
229	24.9	16.7	25.1





#87
Perylene-d12
Concen: 20.000 ng m
RT: 16.26 min Scan# 2410
Delta R.T. 0.75 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.1	17.3	25.9

Manual Integrations
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