

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111970.D
 Acq On : 10 Jan 2019 00:42
 Operator : JU/SJ
 Sample : K1075-15RE 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-8RE

Manual Integrations
 APPROVED

Sohil
 1/10/2019 11:46:10 AM

Quant Time: Jan 10 03:27:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	102815	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	427969	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	207956	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	340624	20.00	ng	0.00
76) Chrysene-d12	14.06	240	130397	20.00	ng	0.00
87) Perylene-d12	15.55	264	168981	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	148947	24.78	ng	0.00
7) Phenol-d6	6.52	99	165052	21.31	ng	-0.01
23) Nitrobenzene-d5	7.44	82	95520	11.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	37232	13.76	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	209192	14.67	ng	-0.01
79) Terphenyl-d14	12.99	244	91641	13.34	ng	0.00
Target Compounds						
71) Phenanthrene	11.44	178	53283	2.926	ng	97
75) Fluoranthene	12.63	202	40963	2.191	ng	98
78) Pyrene	12.86	202	34084	3.799	ng	98
80) Butylbenzylphthalate	13.47	149	30259	7.977	ng	96
81) Benzo(a)anthracene	14.05	228	15034	2.003	ng	93
88) Benzo(b)fluoranthene	15.11	252	24646m	2.438	ng	

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

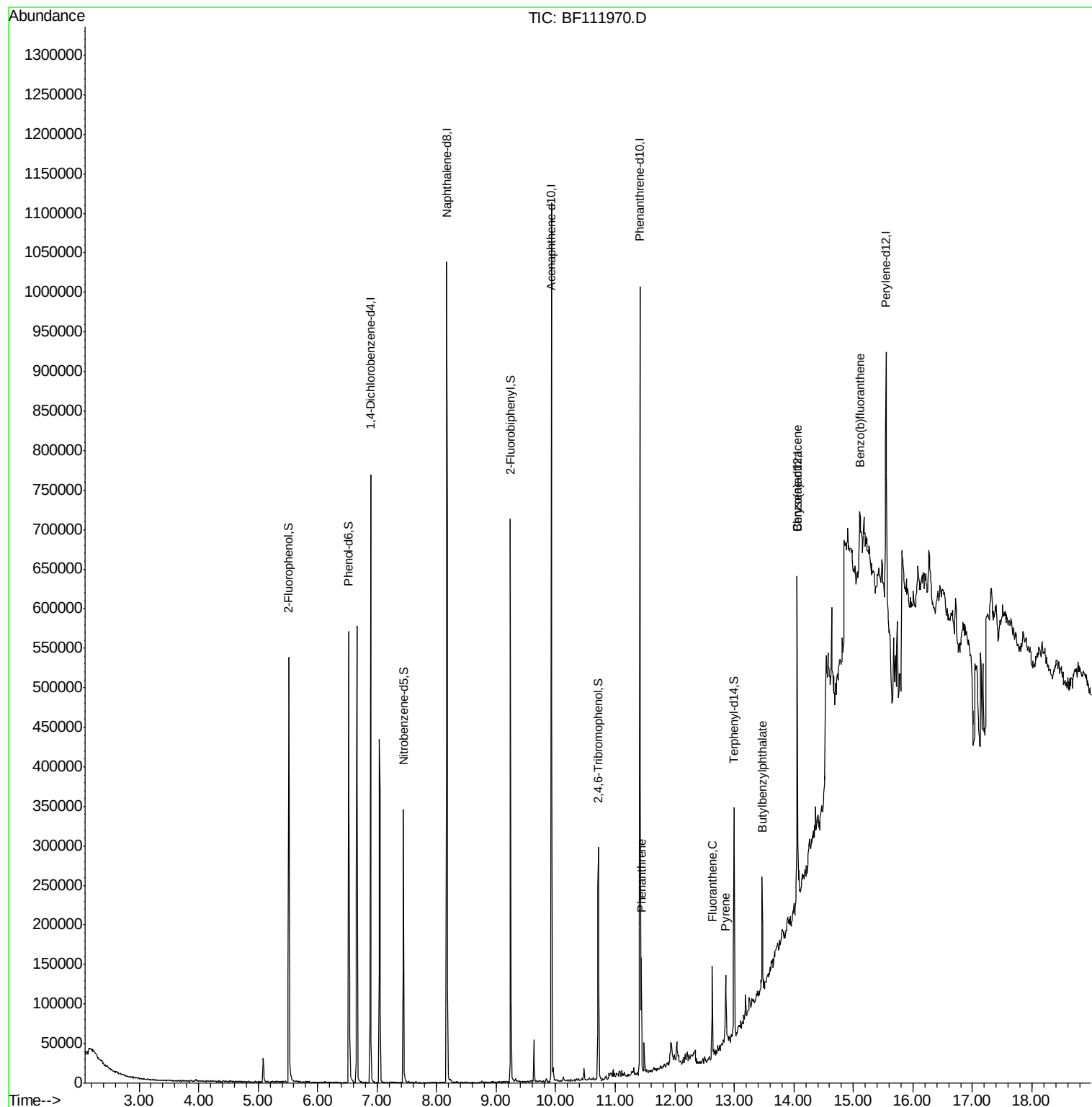
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111970.D
Acq On : 10 Jan 2019 00:42
Operator : JU/SJ
Sample : K1075-15RE 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

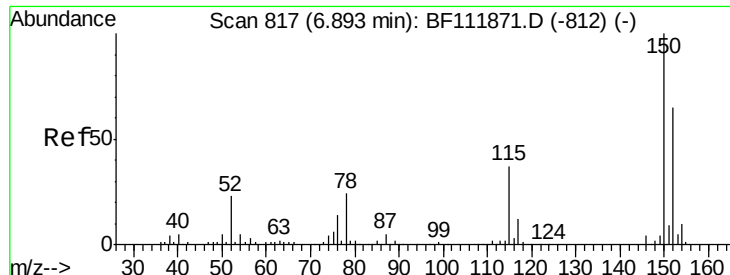
Instrument :
BNA_F
ClientSampleId :
BASIN-8RE

Manual Integrations
APPROVED

Sohil
1/10/2019 11:46:10 AM

Quant Time: Jan 10 03:27:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration





#1

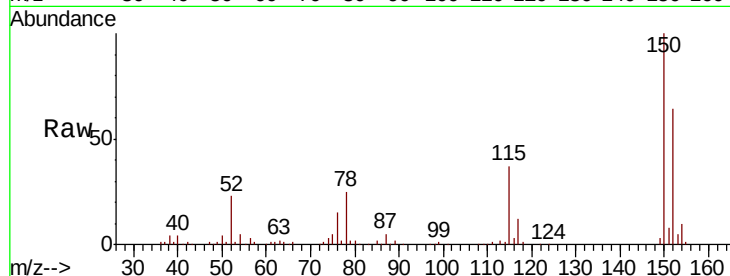
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111970.D
Acq: 10 Jan 2019 00:42

Instrument :
BNA_F
ClientSampled :
BASIN-8RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.7	184.1
115	57.9	45.2	67.8

Manual Integrations
APPROVED

Sohil
1/10/2019 11:46:10 AM

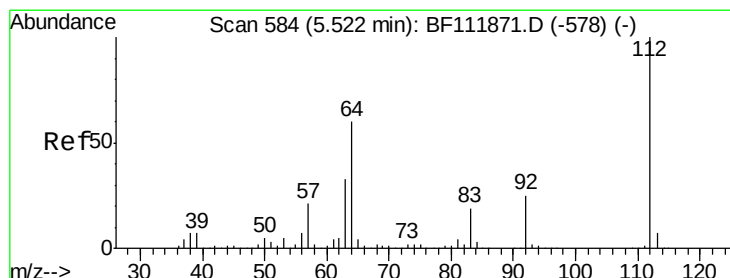
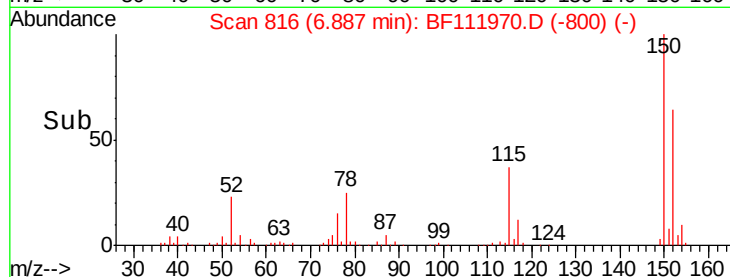
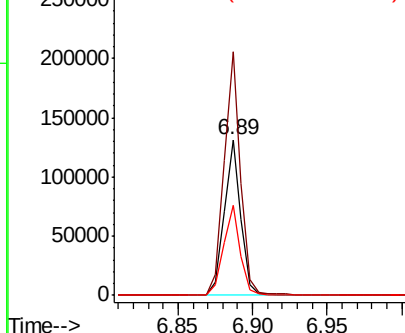


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

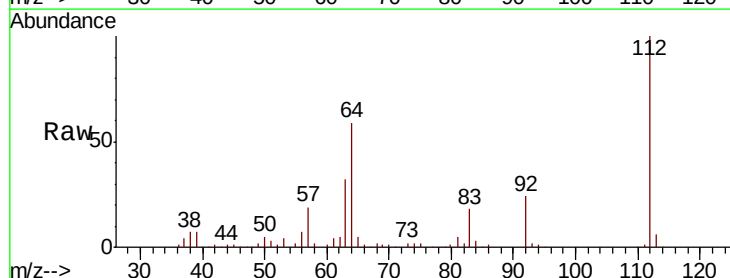
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 24.784 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111970.D
Acq: 10 Jan 2019 00:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	48.3	72.5
63	32.3	26.1	39.1

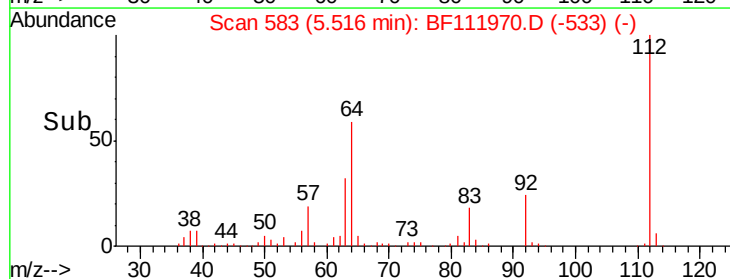
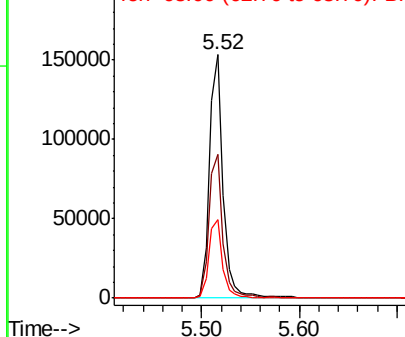


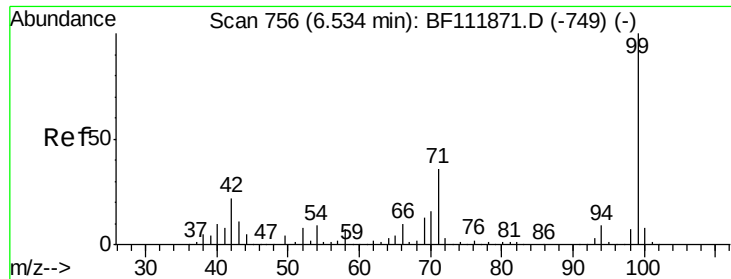
Abundance

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: 21.309 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111970.D

Acq: 10 Jan 2019 00:42

Instrument :

BNA_F

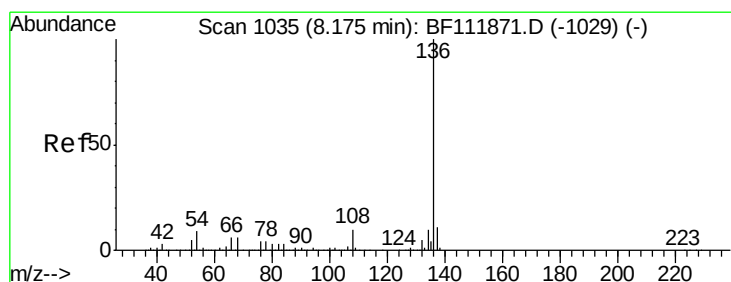
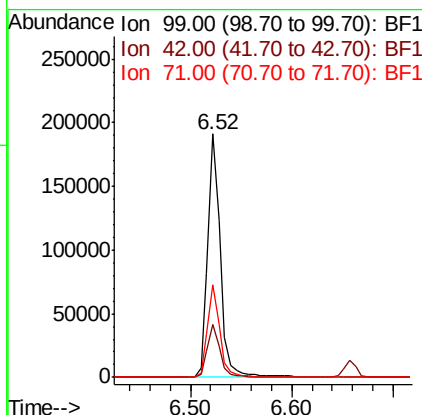
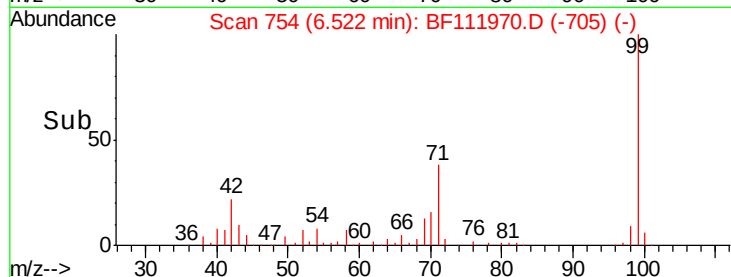
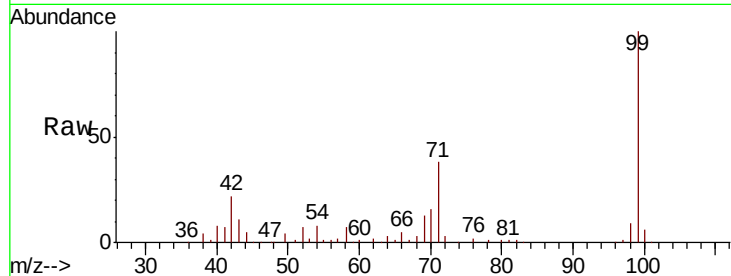
ClientSampled :

BASIN-8RE

Tot Ion:	99	Resp:	165052
Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.9	26.9
71	38.2	28.7	43.1

Manual Integrations
APPROVED

Sohil
1/10/2019 11:46:10 AM



#21

Naphthalene-d8

Concen: 20.000 ng

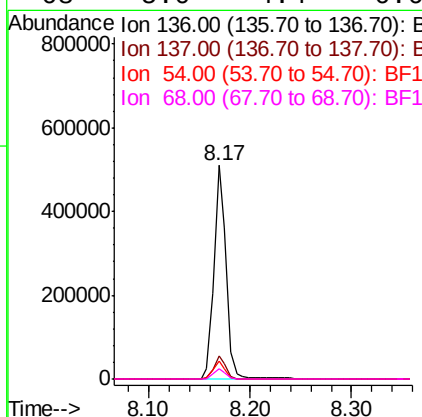
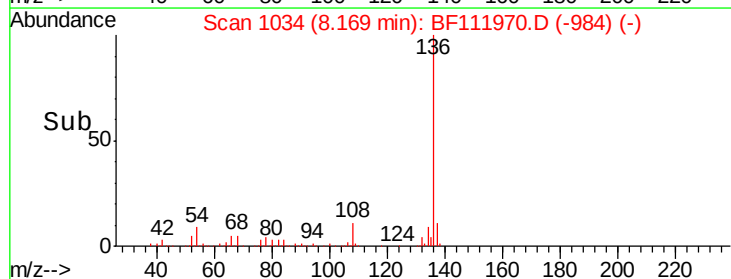
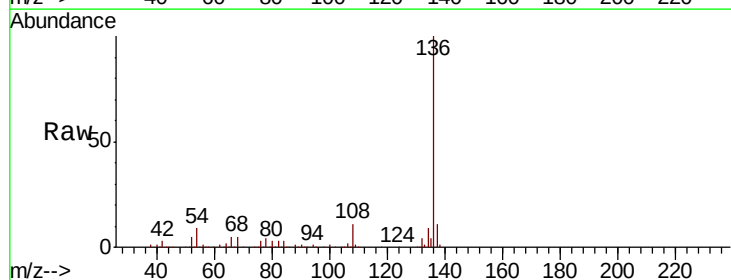
RT: 8.17 min Scan# 1034

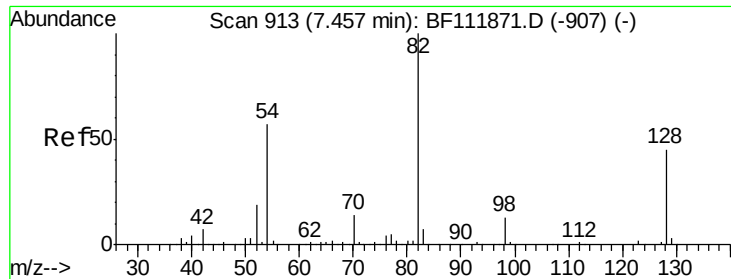
Delta R.T. -0.01 min

Lab File: BF111970.D

Acq: 10 Jan 2019 00:42

Tgt Ion:	136	Resp:	427969
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.7	7.2	10.8
68	5.0	4.4	6.6





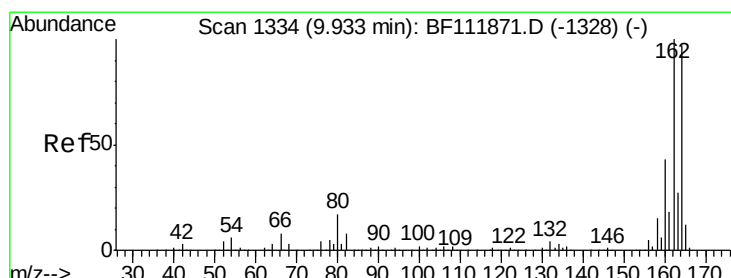
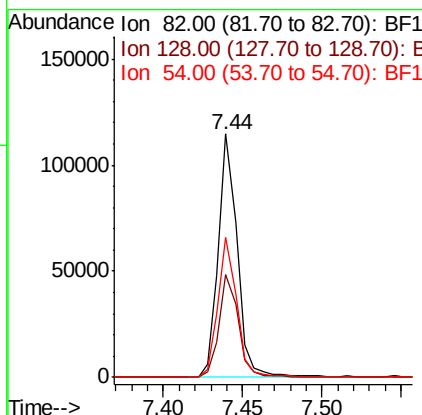
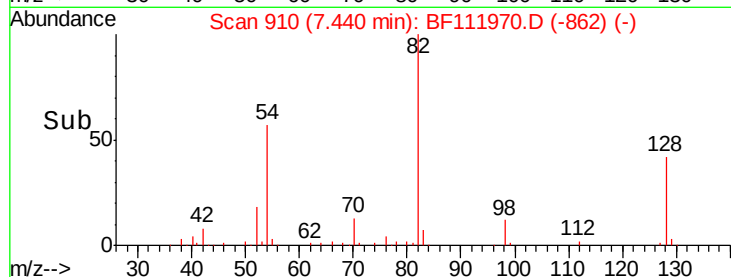
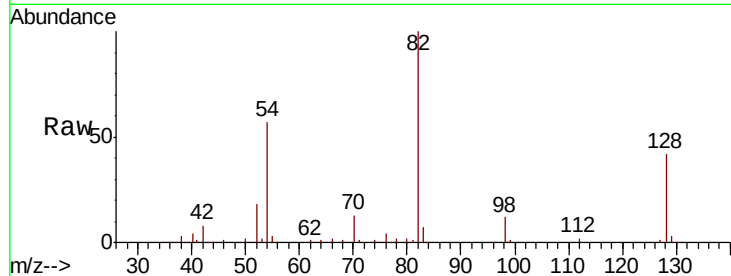
#23
Nitrobenzene-d5
Concen: 11.929 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111970.D
Acq: 10 Jan 2019 00:42

Instrument :
BNA_F
ClientSampled :
BASIN-8RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.7	53.5
54	57.2	45.8	68.8

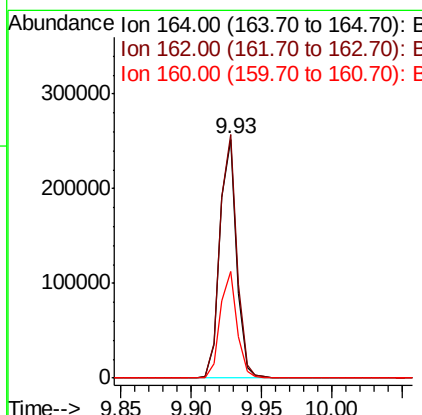
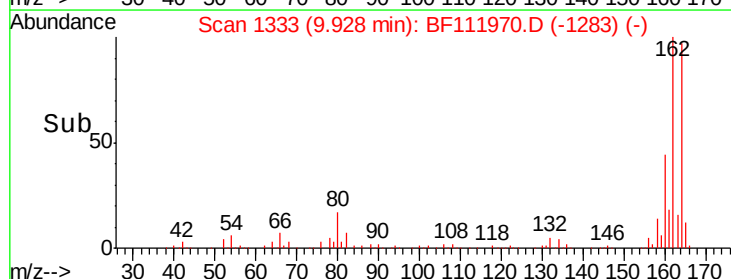
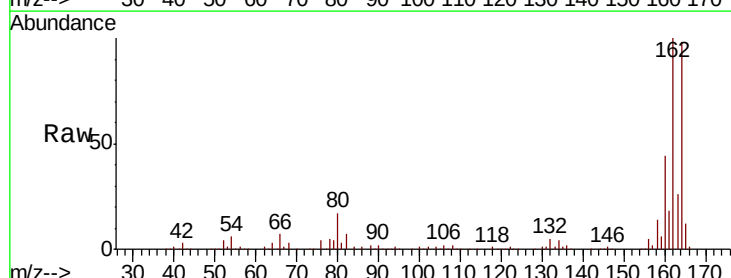
Manual Integrations
APPROVED

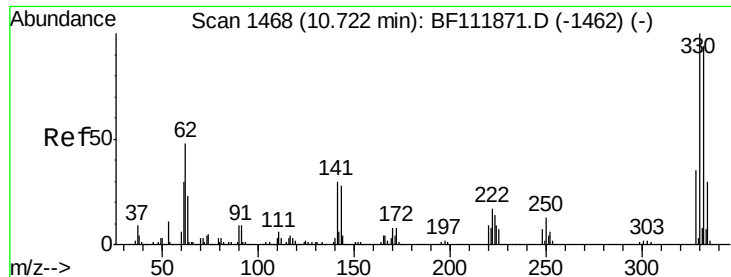
Sohil
1/10/2019 11:46:10 AM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111970.D
Acq: 10 Jan 2019 00:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.2
160	44.6	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 13.765 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111970.D

Acq: 10 Jan 2019 00:42

Instrument :

BNA_F

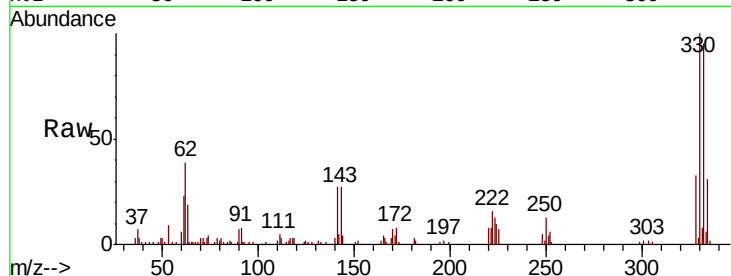
ClientSampled :

BASIN-8RE

Tot Ion:	330	Resp:	37232
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.9	115.3
141	30.2	23.7	35.5

Manual Integrations
APPROVED

Sohil
1/10/2019 11:46:10 AM

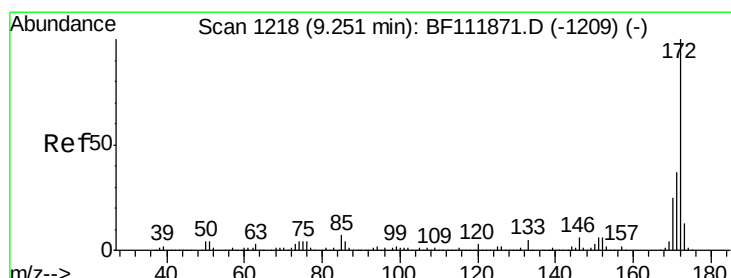
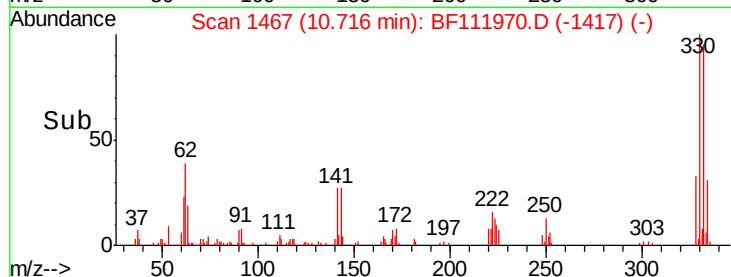
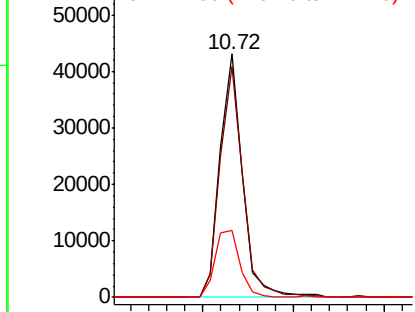


Abundance

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: 14.669 ng

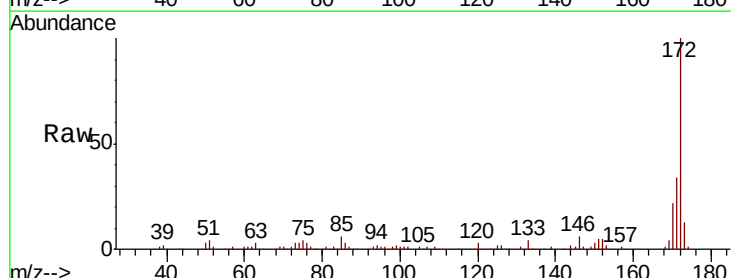
RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF111970.D

Acq: 10 Jan 2019 00:42

Tgt Ion:	172	Resp:	209192
Ion Ratio	Lower	Upper	
172	100		
171	34.4	29.6	44.4
170	21.9	19.8	29.8

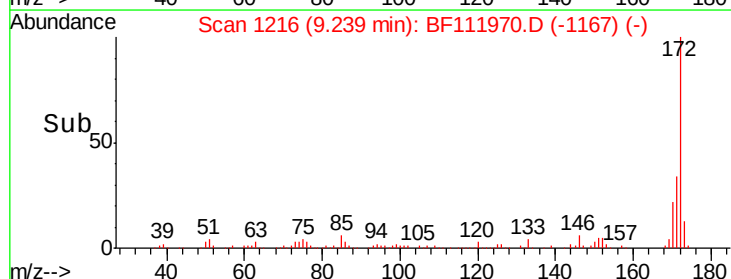
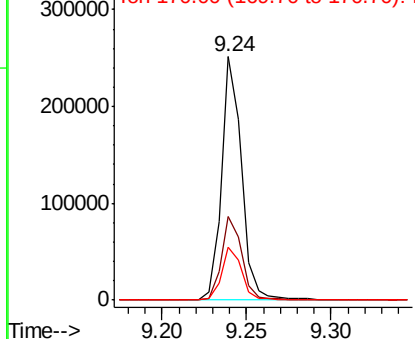


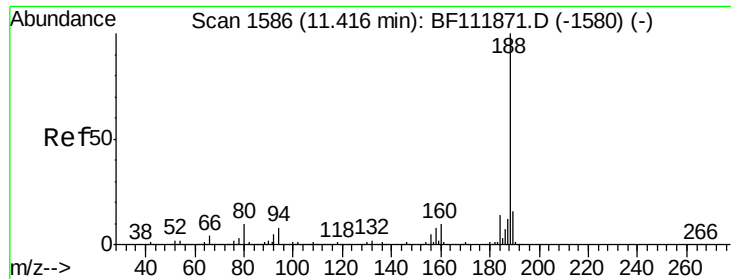
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF111970.D

Acq: 10 Jan 2019 00:42

Instrument :

BNA_F

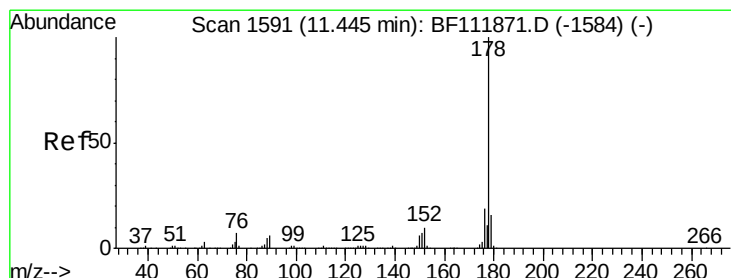
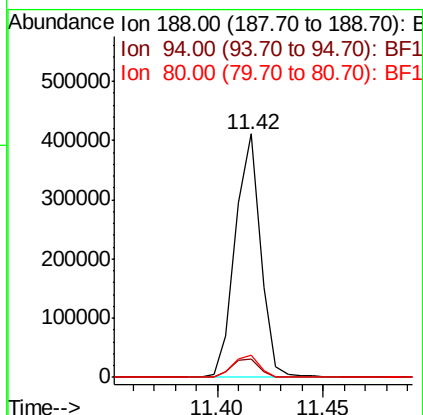
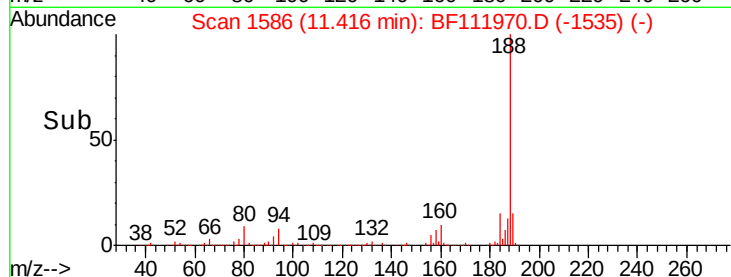
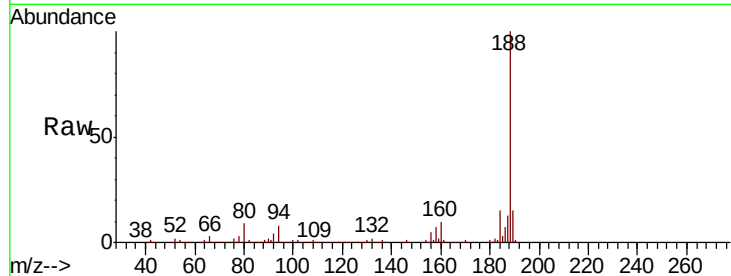
ClientSampled :

BASIN-8RE

Tot Ion:	188	Resp:	340624
Ion Ratio	Lower	Upper	
188	100		
94	7.6	6.6	10.0
80	8.9	7.7	11.5

Manual Integrations
APPROVED

Sohil
1/10/2019 11:46:10 AM



#71

Phenanthrene

Concen: 2.926 ng

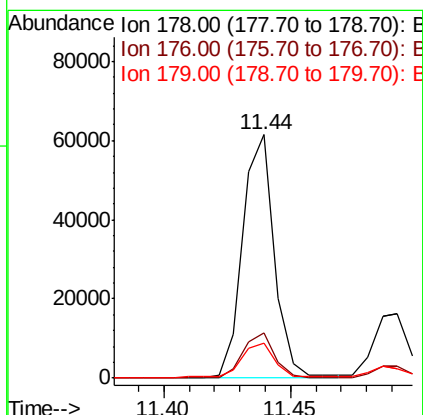
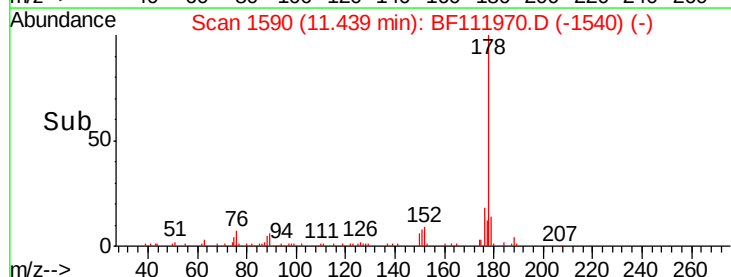
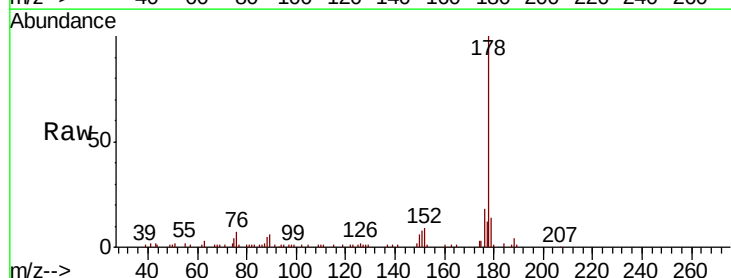
RT: 11.44 min Scan# 1590

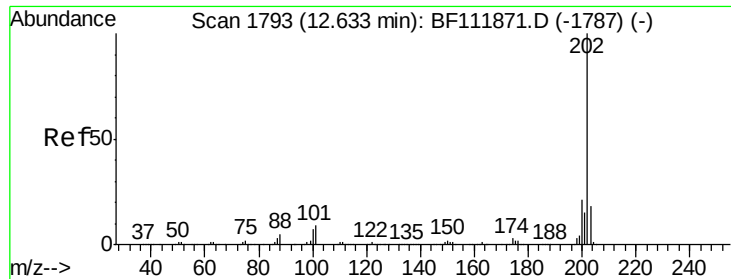
Delta R.T. -0.01 min

Lab File: BF111970.D

Acq: 10 Jan 2019 00:42

Tgt Ion:	178	Resp:	53283
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.6	23.4
179	14.2	12.6	18.8





#75

Fluoranthene

Concen: 2.191 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111970.D

Acq: 10 Jan 2019 00:42

Instrument :

BNA_F

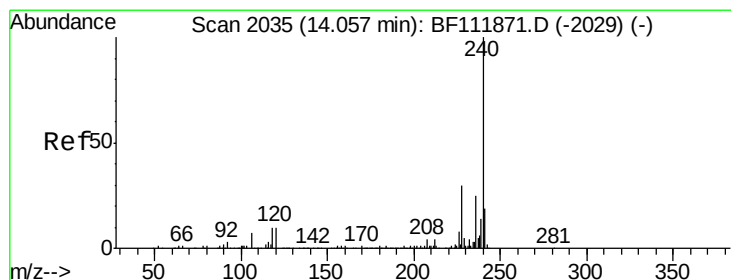
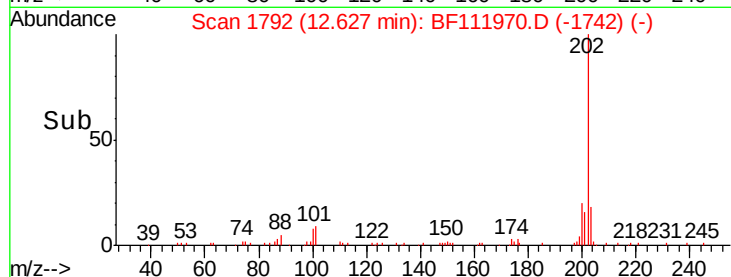
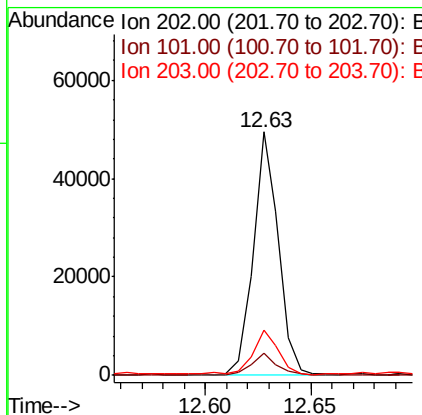
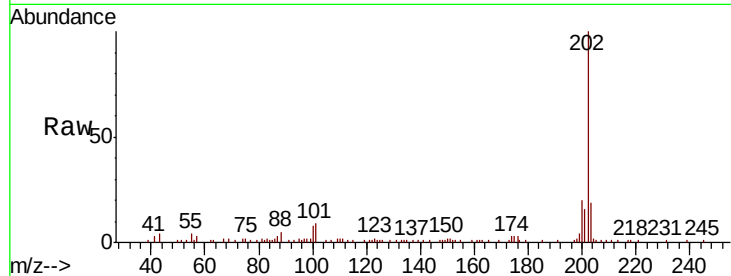
ClientSampleId :

BASIN-8RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.1	0.0	29.3
203	18.8	0.0	37.6

Manual Integrations
APPROVED

Sohil
1/10/2019 11:46:10 AM



#76

Chrysene-d12

Concen: 20.000 ng

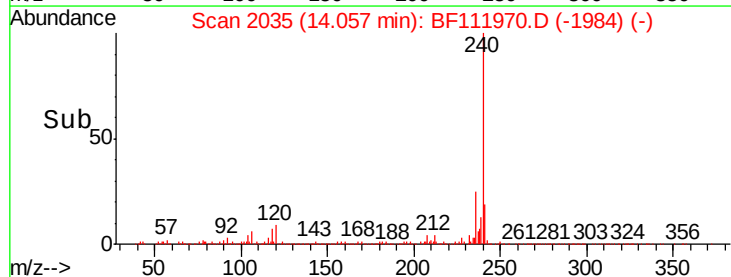
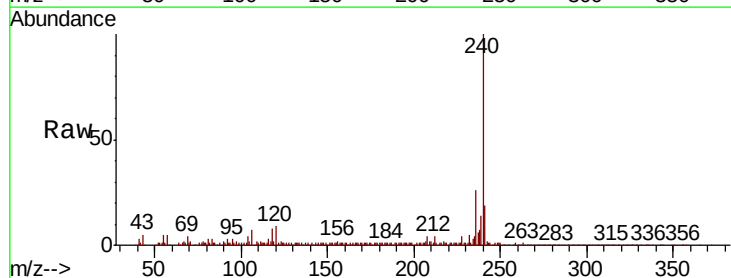
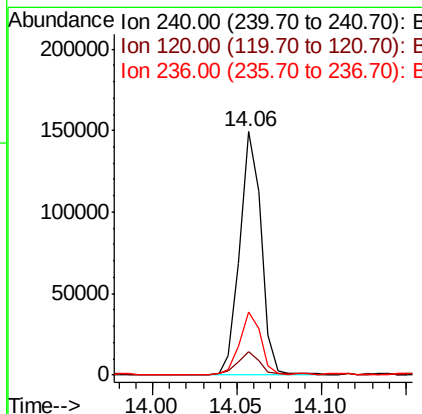
RT: 14.06 min Scan# 2035

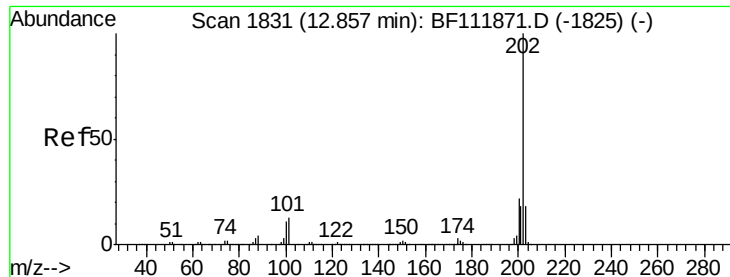
Delta R.T. 0.00 min

Lab File: BF111970.D

Acq: 10 Jan 2019 00:42

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.4	8.2	12.2
236	25.7	20.2	30.4





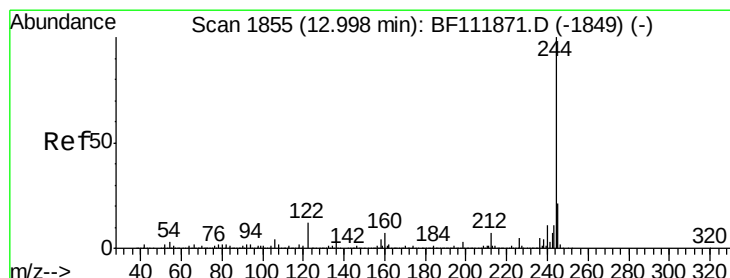
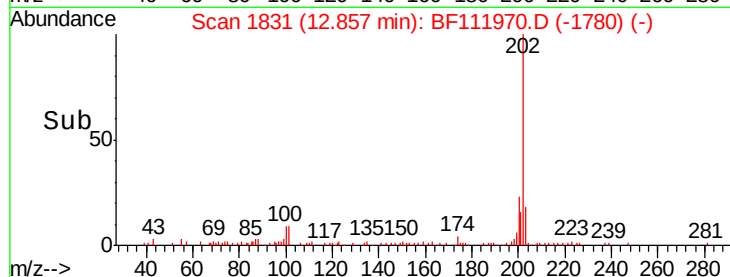
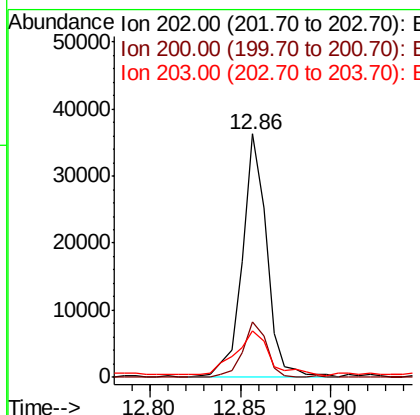
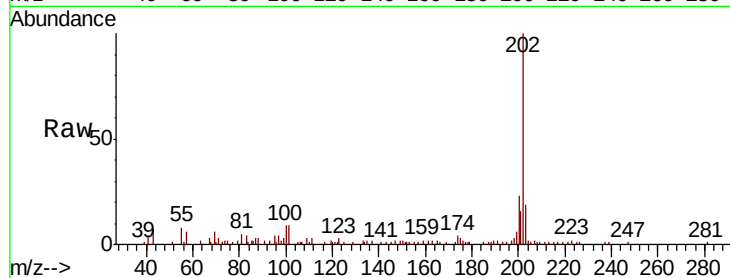
#78
Pvrene
Concen: 3.799 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF111970.D
Acq: 10 Jan 2019 00:42

Instrument :
BNA_F
ClientSampled :
BASIN-8RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	19.0	14.6	21.8

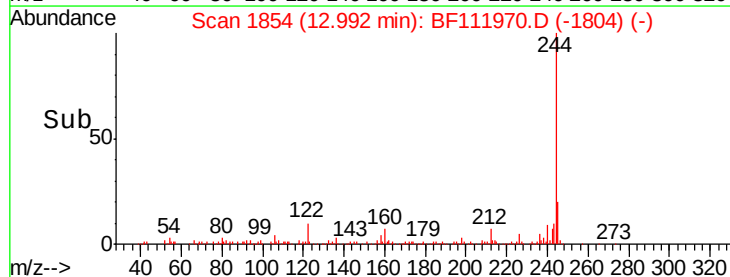
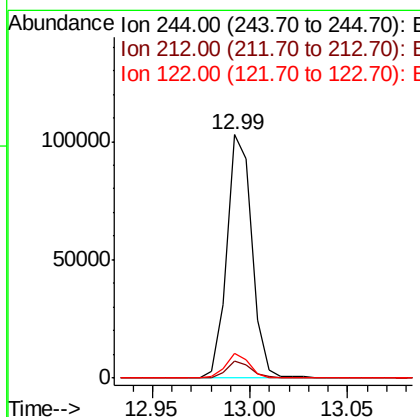
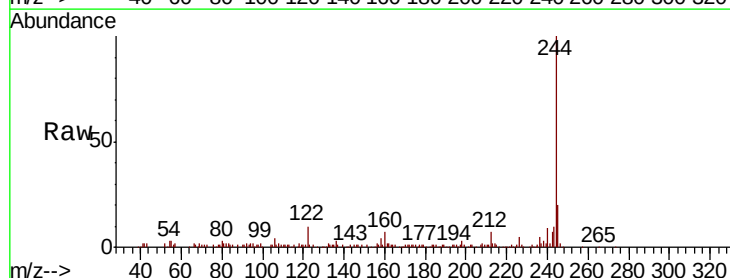
Manual Integrations
APPROVED

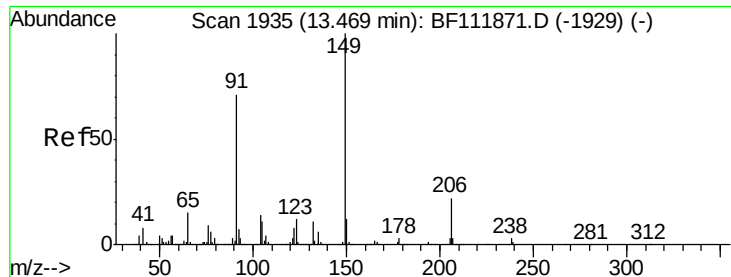
Sohil
1/10/2019 11:46:10 AM



#79
Terphenyl-d14
Concen: 13.340 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111970.D
Acq: 10 Jan 2019 00:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.3	9.5	14.3





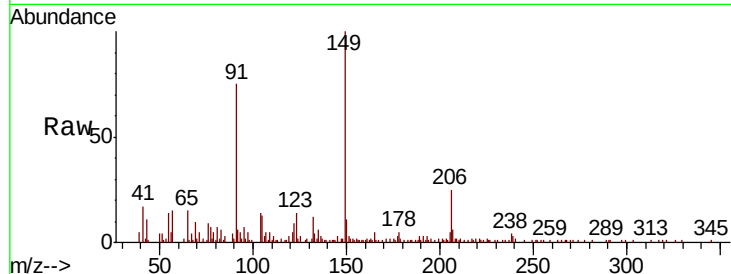
#80
Butylbenzylphthalate
Concen: 7.977 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF111970.D
Acq: 10 Jan 2019 00:42

Instrument :
BNA_F
ClientSampled :
BASIN-8RE

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.7	57.2	85.8
206	24.6	17.3	25.9

Manual Integrations
APPROVED

Sohil
1/10/2019 11:46:10 AM

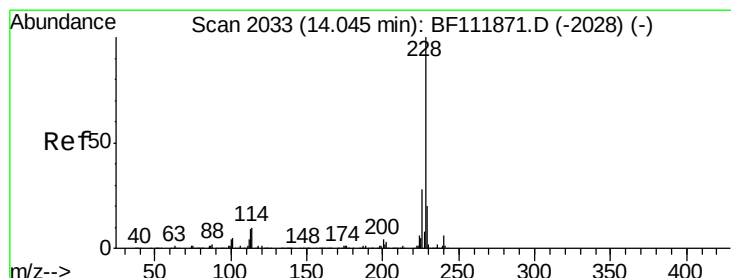
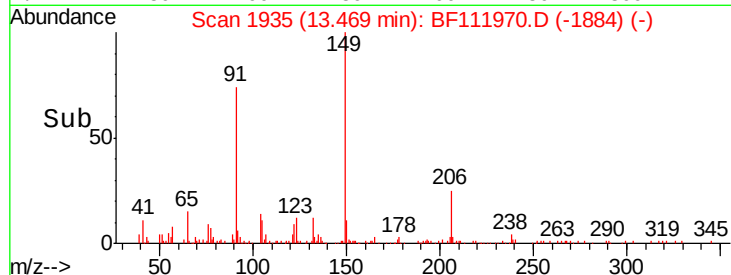
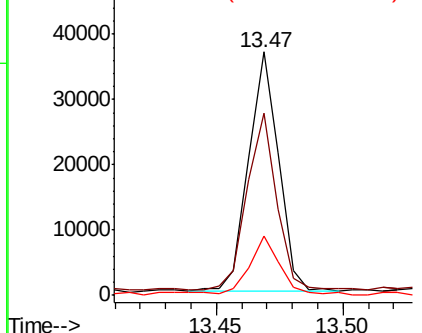


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#81
Benzo(a)anthracene
Concen: 2.003 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF111970.D
Acq: 10 Jan 2019 00:42

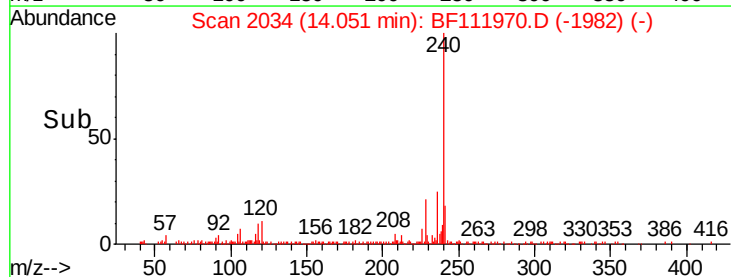
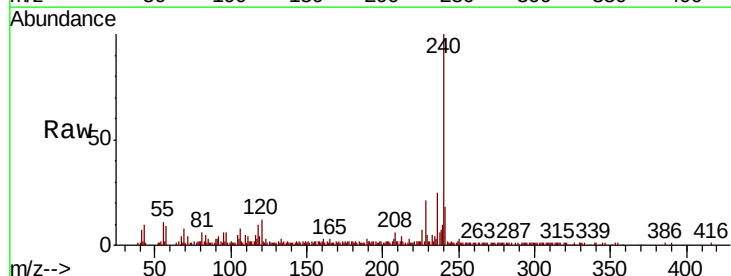
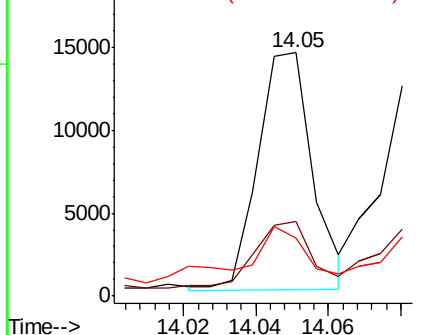
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.2	33.2
229	24.0	16.2	24.2

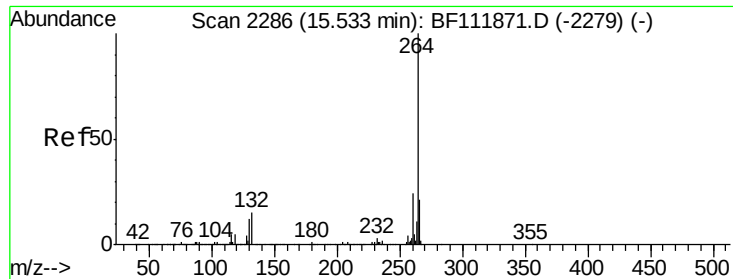
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.02 min

Lab File: BF111970.D

Acq: 10 Jan 2019 00:42

Instrument :

BNA_F

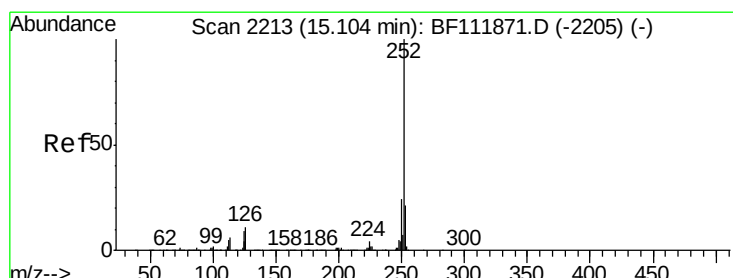
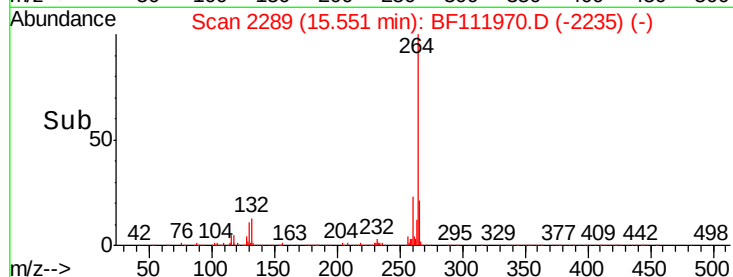
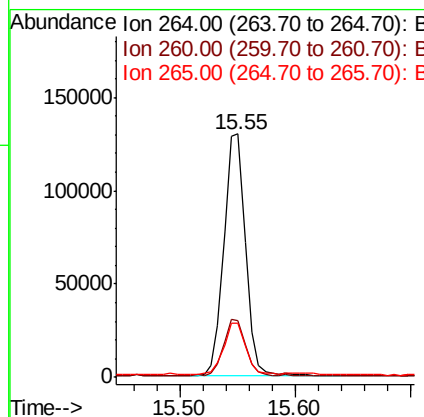
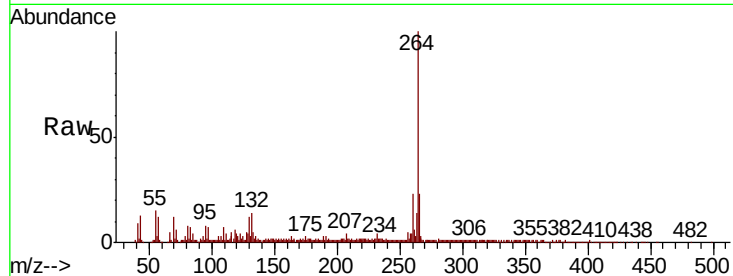
ClientSampleId :

BASIN-8RE

Tot Ion:	264	Resp:	168981
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	22.5	17.1	25.7

Manual Integrations
APPROVED

Sohil
1/10/2019 11:46:10 AM



#88

Benzo(b)fluoranthene

Concen: 2.438 ng m

RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BF111970.D

Acq: 10 Jan 2019 00:42

Tgt Ion:	252	Resp:	24646
Ion Ratio	Lower	Upper	
252	100		
253	32.7	17.0	25.6#
125	33.1	7.1	10.7#

