

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111929.D
 Acq On : 9 Jan 2019 1:18
 Operator : JU/SJ
 Sample : K1075-15 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-8

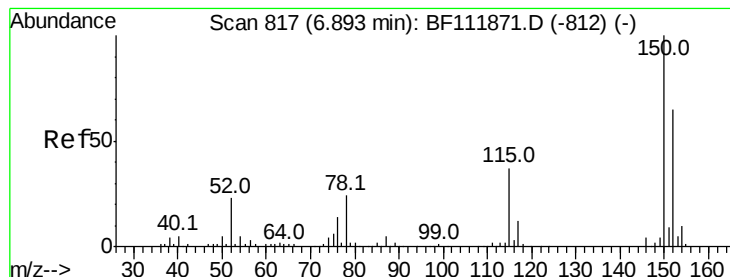
Manual Integrations
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 1/9/2019 10:36:56 AM

Quant Time: Jan 09 02:00:50 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	108075	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	366904	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	154541	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	307714	20.00	ng	0.00
76) Chrysene-d12	14.06	240	223604	20.00	ng	0.00
87) Perylene-d12	15.54	264	194577	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	147353	23.33	ng	0.00
7) Phenol-d6	6.52	99	161210	19.80	ng	-0.01
23) Nitrobenzene-d5	7.44	82	85670	12.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	35944	17.88	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	178060	16.80	ng	-0.01
79) Terphenyl-d14	13.00	244	155393	13.19	ng	0.00
Target Compounds						
71) Phenanthrene	11.44	178	47889	2.911	ng	96
75) Fluoranthene	12.63	202	69498	4.115	ng	98
78) Pyrene	12.86	202	56623	3.680	ng	98
80) Butylbenzylphthalate	13.47	149	51882	7.976	ng	99
81) Benzo(a)anthracene	14.04	228	27490	2.136	ng	# 96
88) Benzo(b)fluoranthene	15.11	252	23715m	2.037	ng	

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



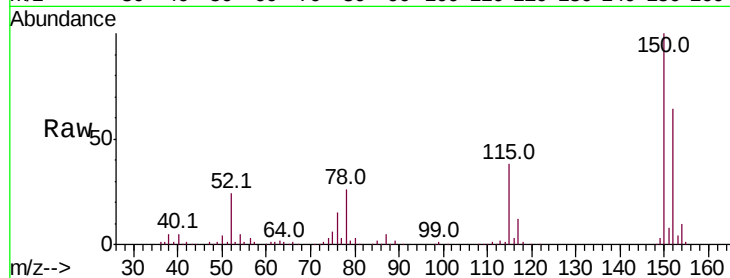
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF111929.D
 Acq: 9 Jan 2019 1:18

Instrument :
 BNA_F
 ClientSampled :
 BASIN-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	59.3	45.2	67.8

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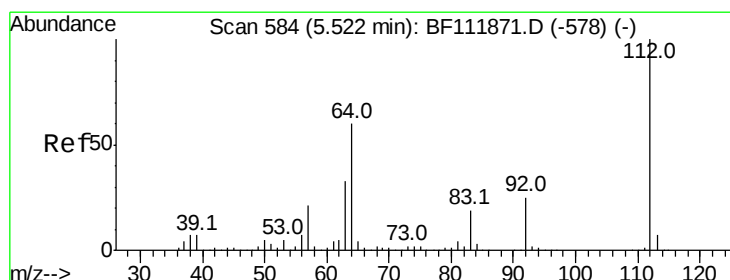
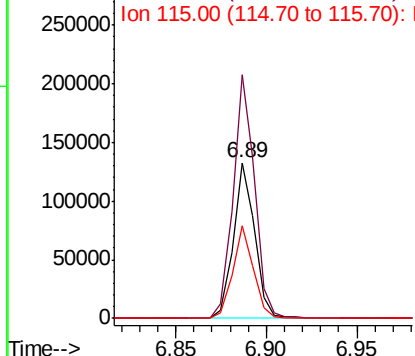
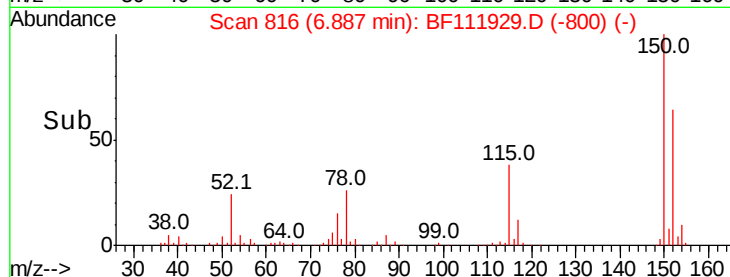


Abundance

Ion 152.00 (151.70 to 152.70): E

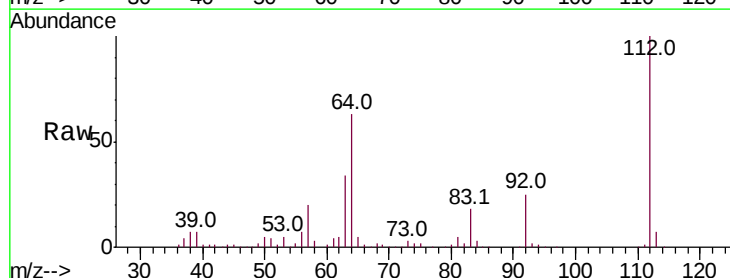
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 23.326 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF111929.D
 Acq: 9 Jan 2019 1:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	48.3	72.5
63	33.6	26.1	39.1

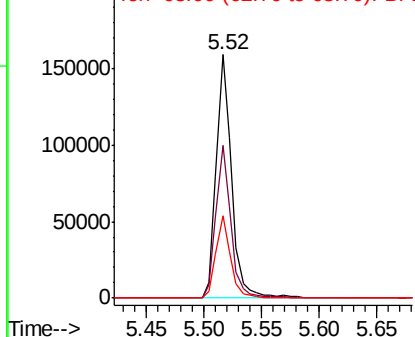
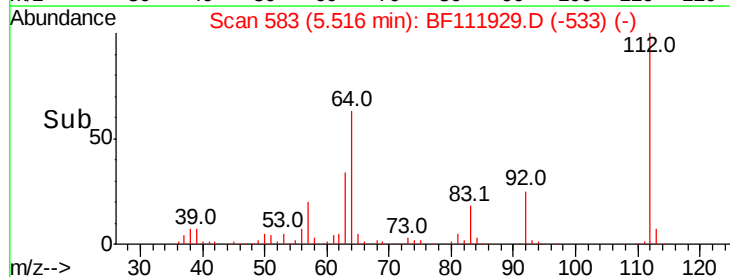


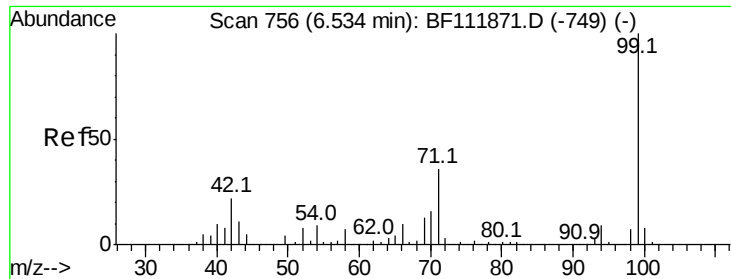
Abundance

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: 19.800 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111929.D

Acq: 9 Jan 2019 1:18

Instrument :

BNA_F

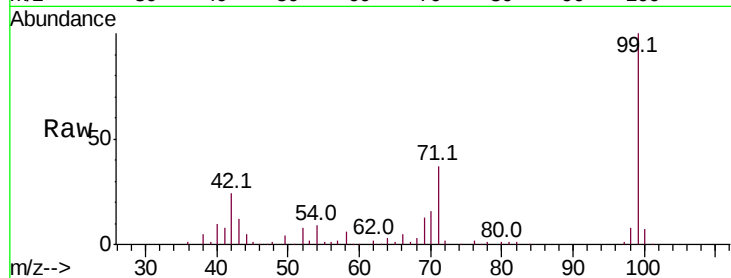
ClientSampleId :

BASIN-8

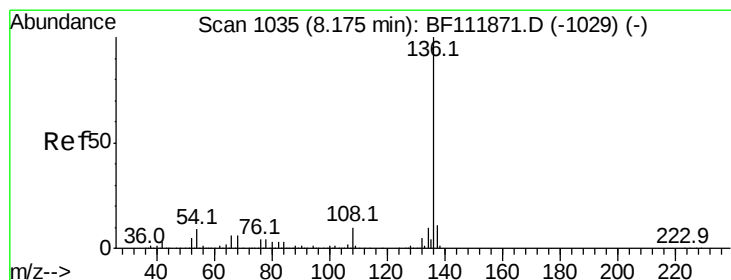
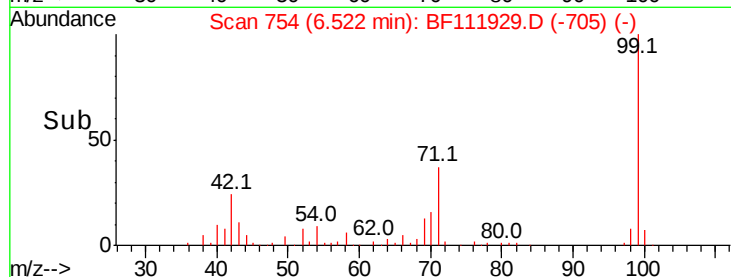
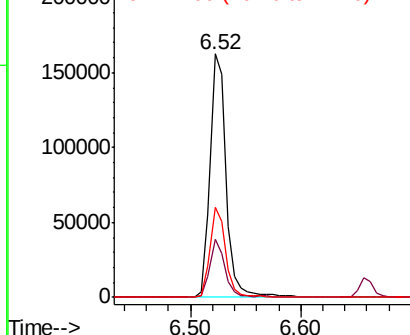
Tot Ion:	99	Resp:	161210
Ion Ratio	Lower	Upper	
99	100		
42	23.6	17.9	26.9
71	37.0	28.7	43.1

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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: 8.17 min Scan# 1034

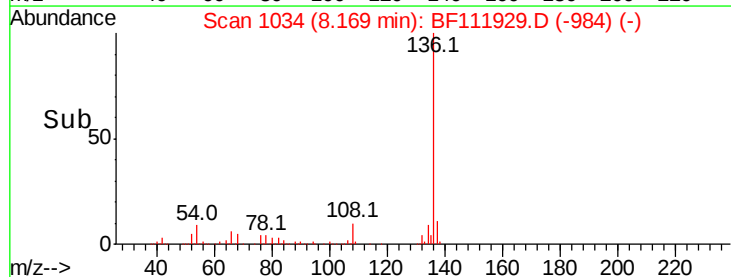
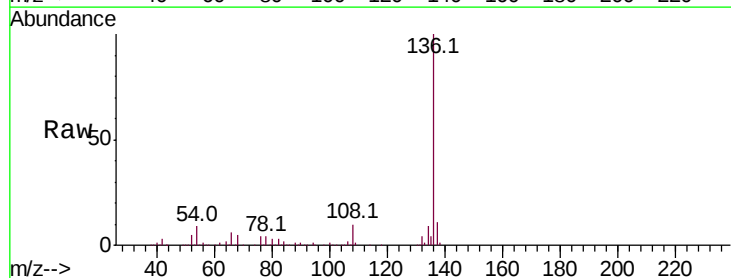
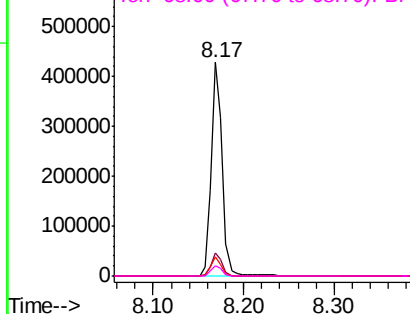
Delta R.T. -0.01 min

Lab File: BF111929.D

Acq: 9 Jan 2019 1:18

Tgt Ion:	136	Resp:	366904
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	9.0	7.2	10.8
68	5.1	4.4	6.6

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





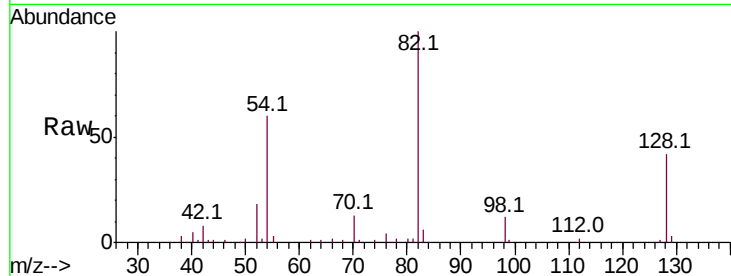
#23
 Nitrobenzene-d5
 Concen: 12.479 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF111929.D
 Acq: 9 Jan 2019 1:18

Instrument :
 BNA_F
 ClientSampled :
 BASIN-8

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.7	53.5
54	59.5	45.8	68.8

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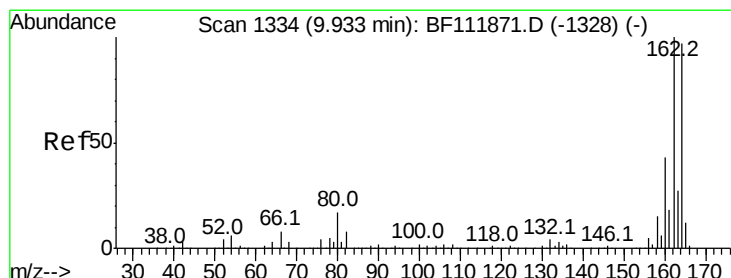
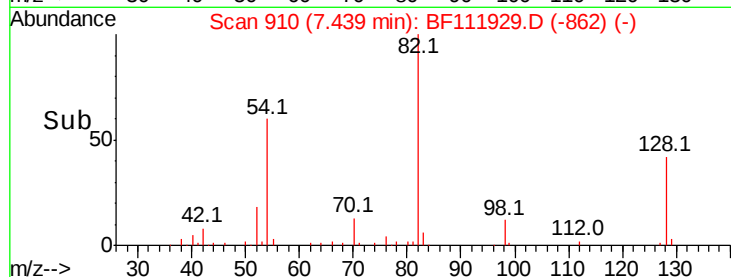
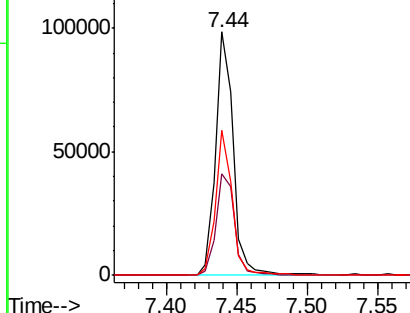


Abundance

Ion 82.00 (81.70 to 82.70): BF1

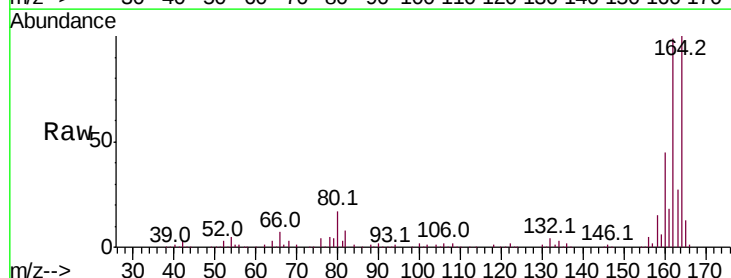
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111929.D
 Acq: 9 Jan 2019 1:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	82.2	123.2
160	45.3	35.5	53.3

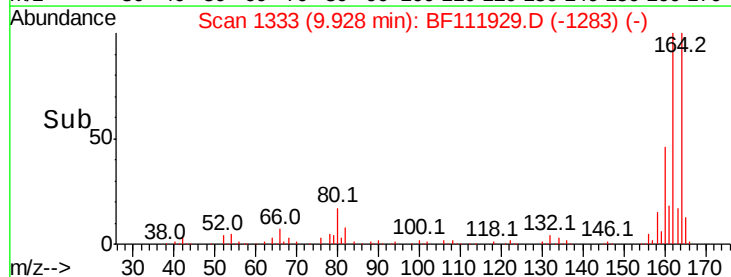
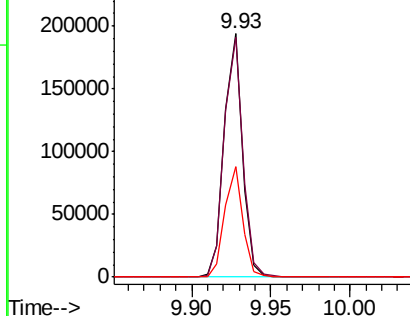


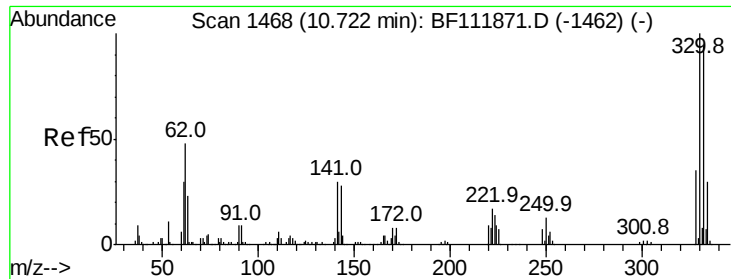
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





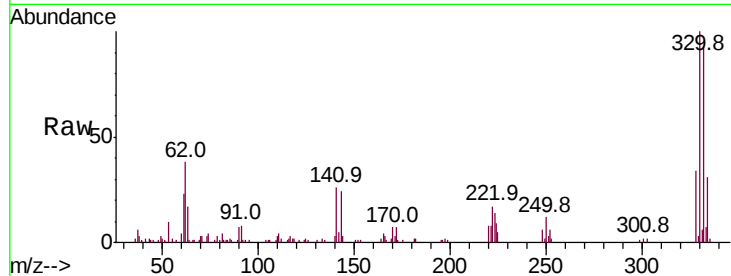
#42
 2,4,6-Tribromophenol
 Concen: 17.882 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111929.D
 Acq: 9 Jan 2019 1:18

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-8

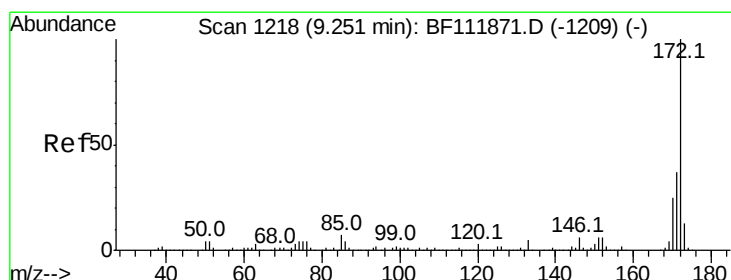
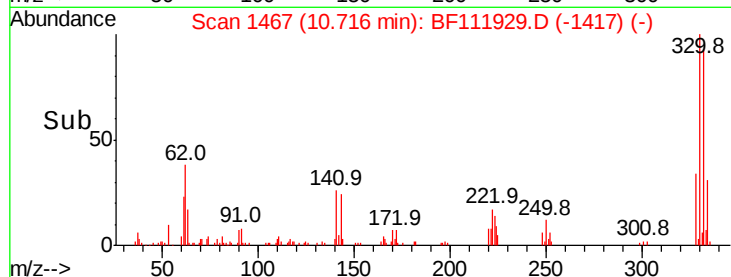
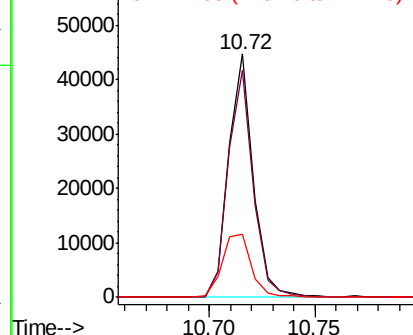
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.9	115.3
141	31.2	23.7	35.5

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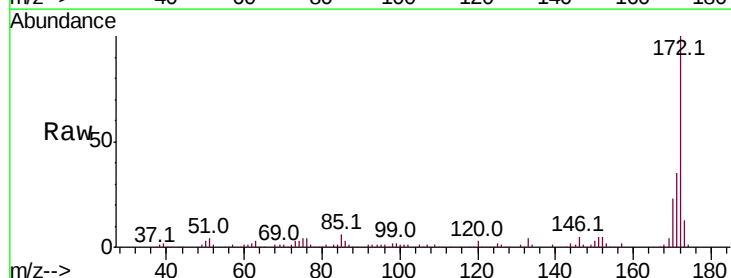


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

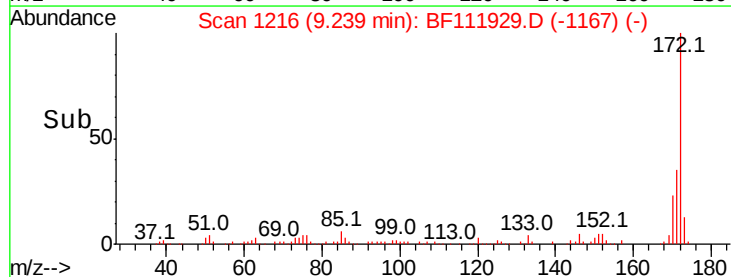
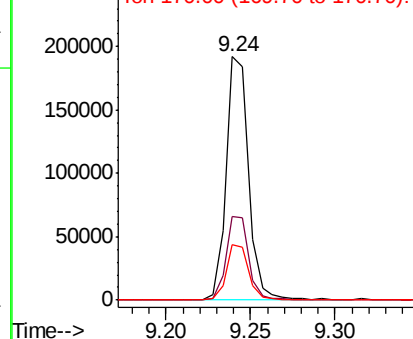


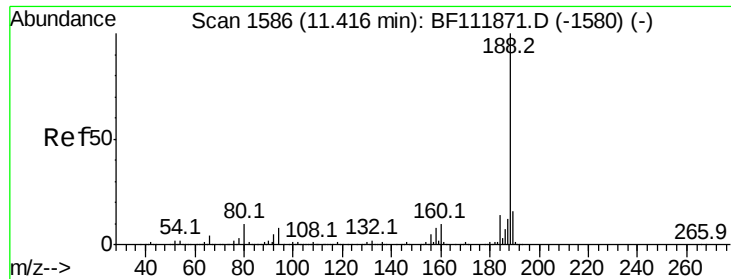
#45
 2-Fluorobiphenyl
 Concen: 16.801 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111929.D
 Acq: 9 Jan 2019 1:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.6	44.4
170	22.9	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





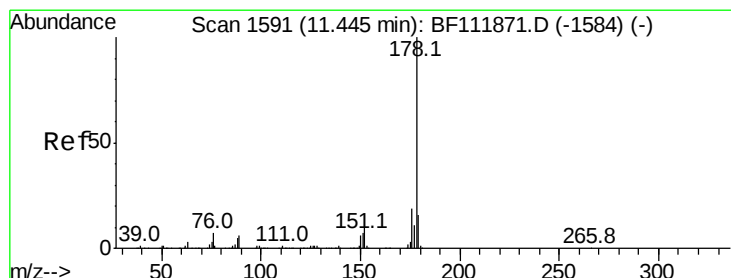
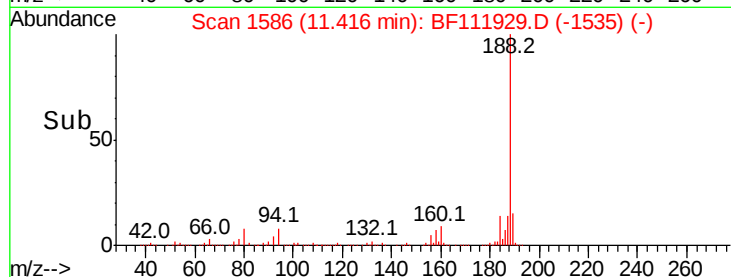
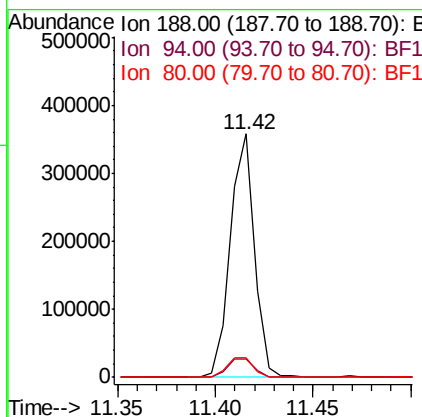
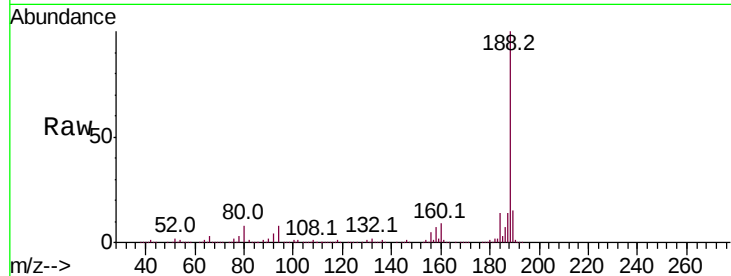
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111929.D
Acq: 9 Jan 2019 1:18

Instrument :
BNA_F
ClientSampleId :
BASIN-8

Tot Ion	Ratio	Resp	Lower	Upper
188	100	307714		
94	7.6		6.6	10.0
80	8.3		7.7	11.5

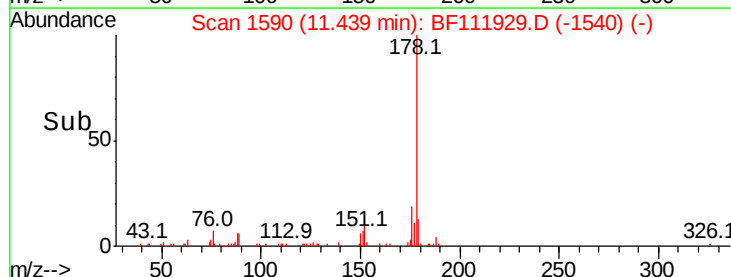
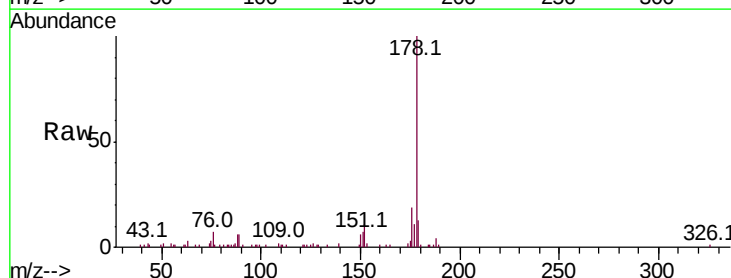
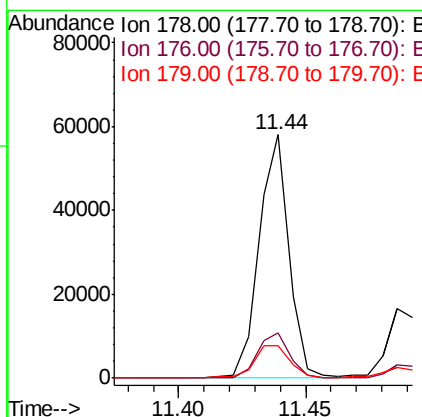
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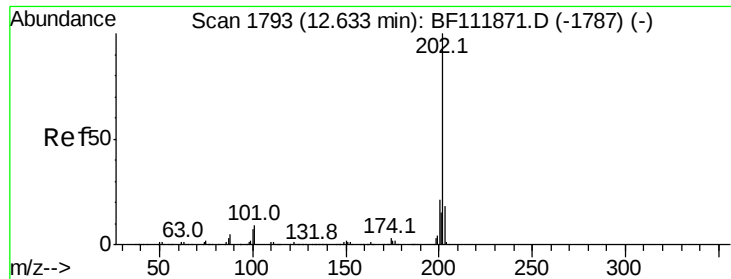
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#71
Phenanthrene
Concen: 2.911 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF111929.D
Acq: 9 Jan 2019 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	47889		
176	18.7		15.6	23.4
179	13.2		12.6	18.8





#75

Fluoranthene

Concen: 4.115 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111929.D

Acq: 9 Jan 2019 1:18

Instrument :

BNA_F

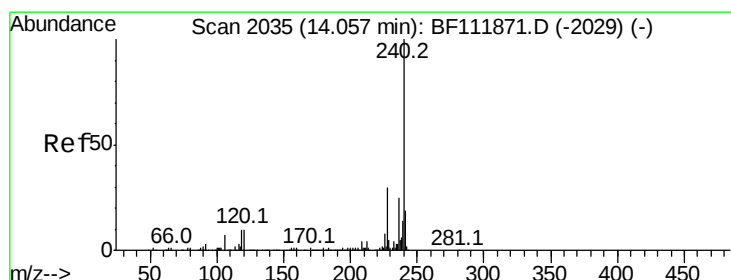
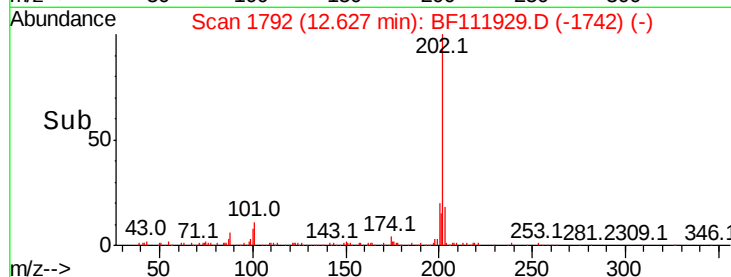
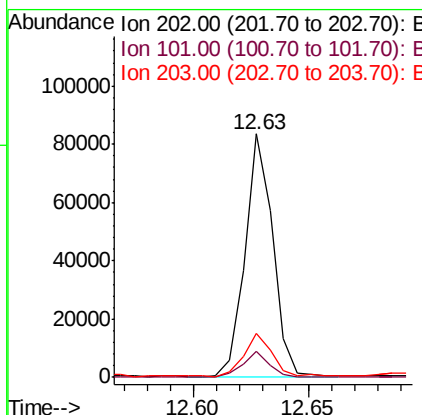
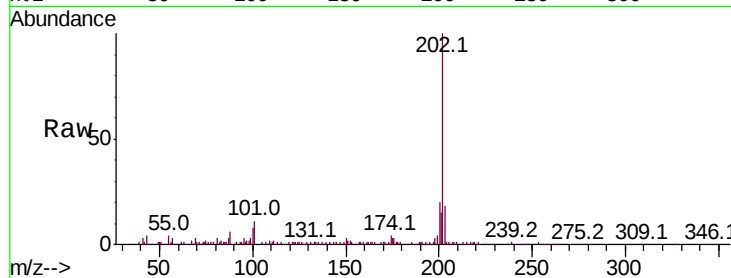
ClientSampled :

BASIN-8

Tot Ion	Ratio	Resp	Lower	Upper
202	100	69498		
101	10.6		0.0	29.3
203	17.9		0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

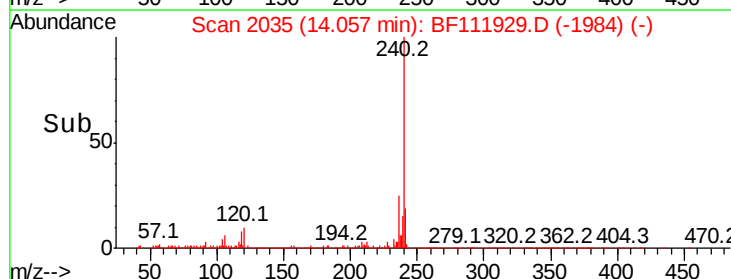
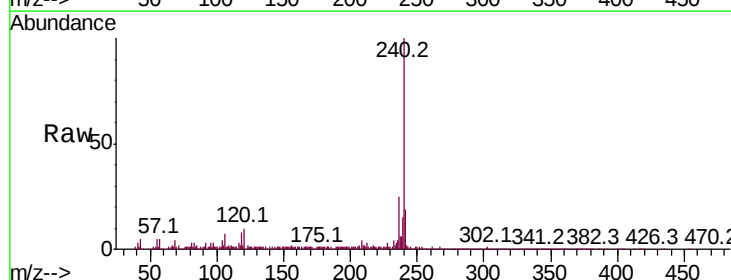
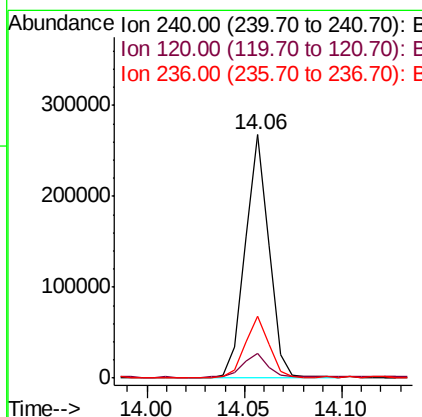
RT: 14.06 min Scan# 2035

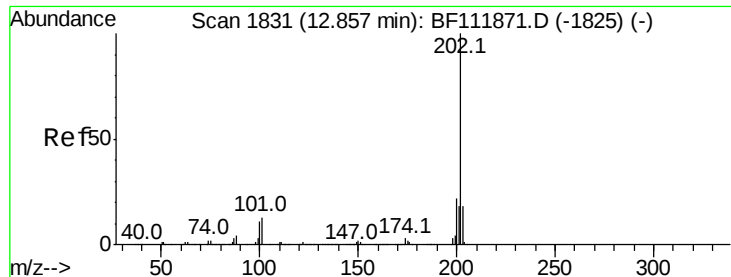
Delta R.T. -0.00 min

Lab File: BF111929.D

Acq: 9 Jan 2019 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	223604		
120	10.1		8.2	12.2
236	25.5		20.2	30.4





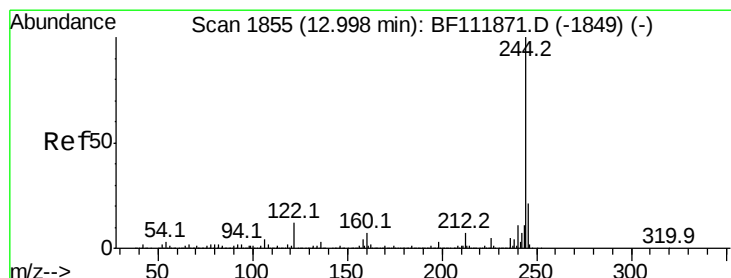
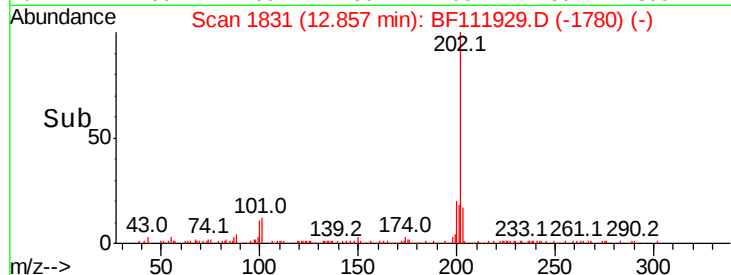
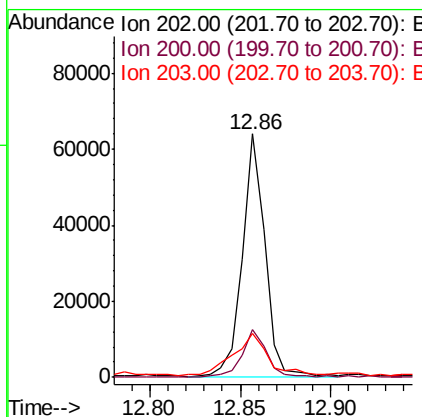
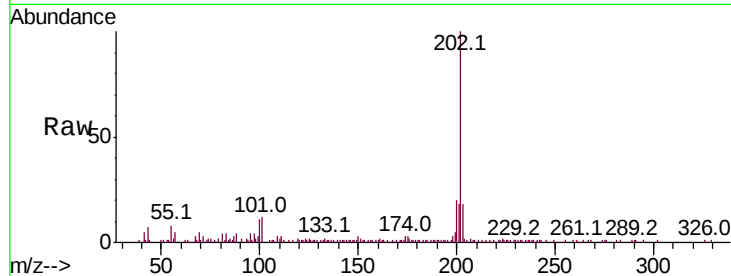
#78
Pvrene
Concen: 3.680 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF111929.D
Acq: 9 Jan 2019 1:18

Instrument :
BNA_F
ClientSampleId :
BASIN-8

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	18.3	14.6	21.8

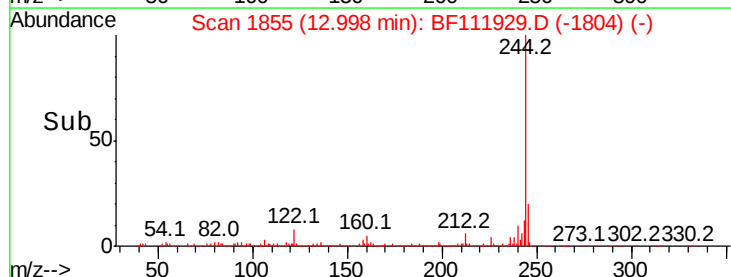
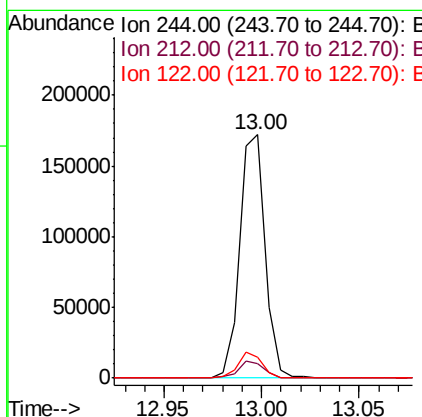
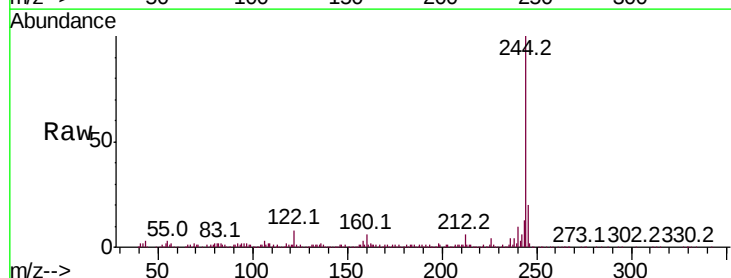
Manual Integrations
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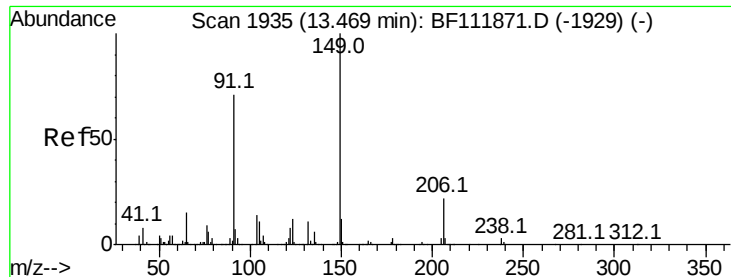
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#79
Terphenyl-d14
Concen: 13.192 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111929.D
Acq: 9 Jan 2019 1:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.8	8.8
122	8.4	9.5	14.3#





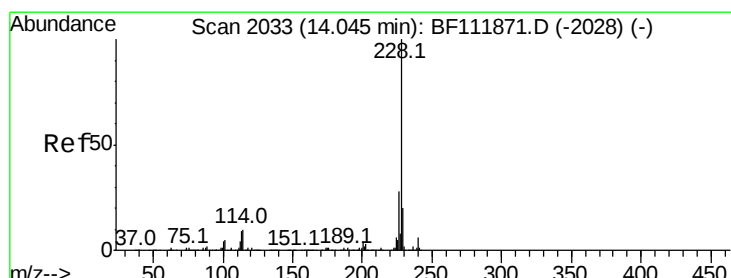
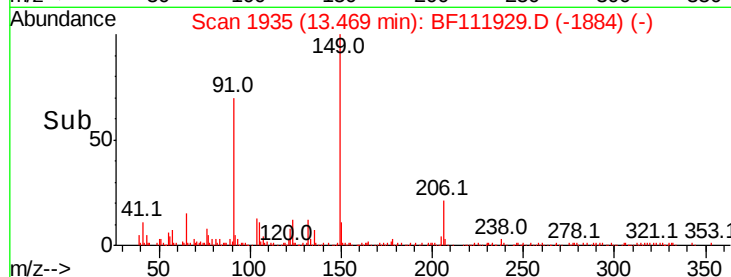
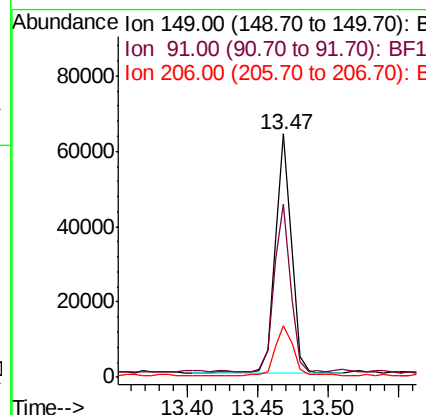
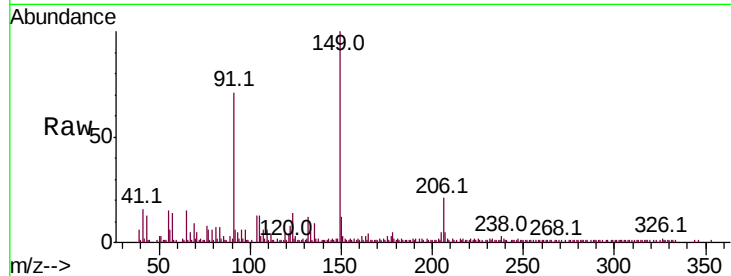
#80
Butylbenzylphthalate
Concen: 7.976 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF111929.D
Acq: 9 Jan 2019 1:18

Instrument :
BNA_F
ClientSampleId :
BASIN-8

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.1	57.2	85.8
206	21.1	17.3	25.9

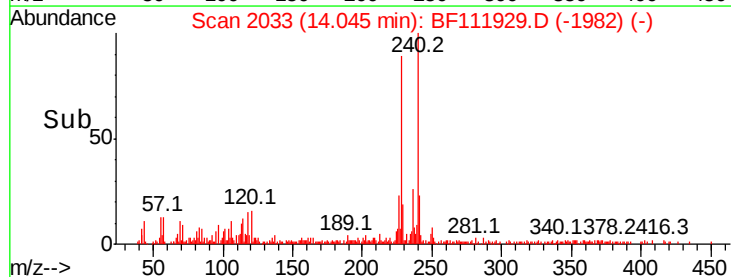
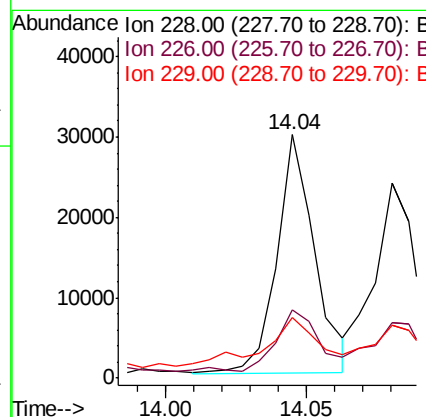
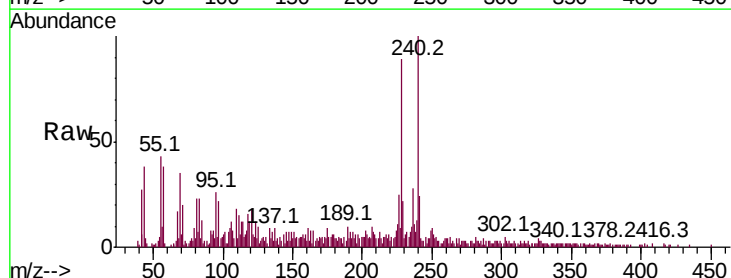
Manual Integrations
APPROVED

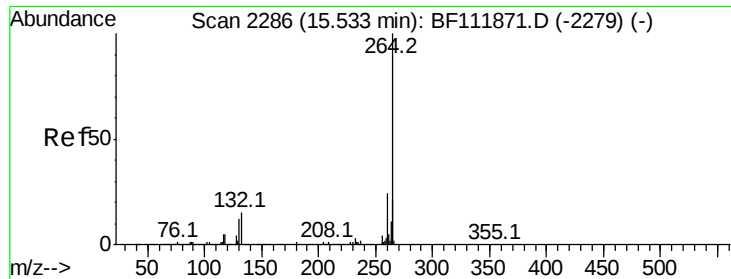
Sohil
1/9/2019 10:36:56 AM



#81
Benzo(a)anthracene
Concen: 2.136 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF111929.D
Acq: 9 Jan 2019 1:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.2
229	24.7	16.2	24.2#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF111929.D

Acq: 9 Jan 2019 1:18

Instrument :

BNA_F

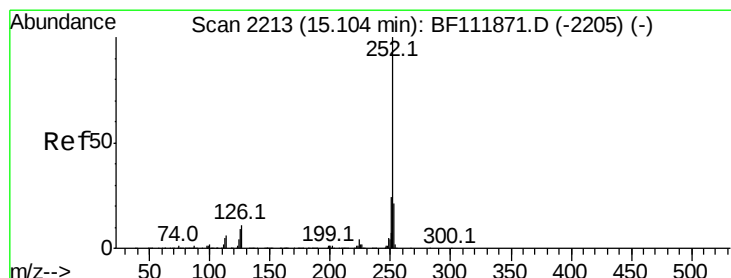
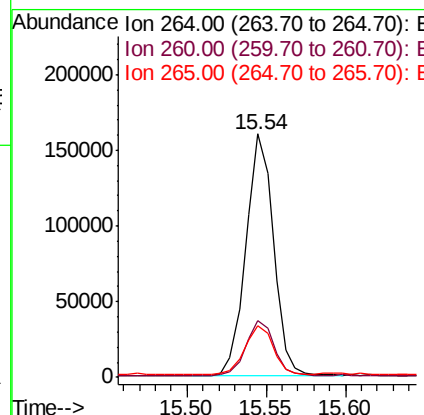
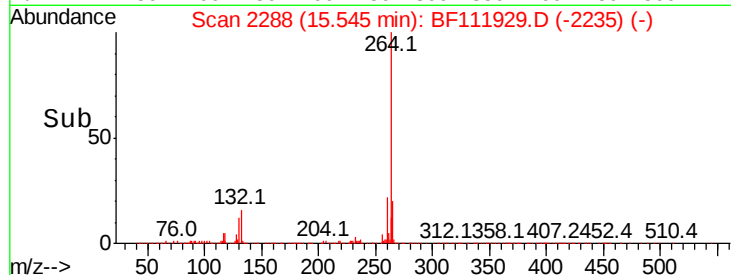
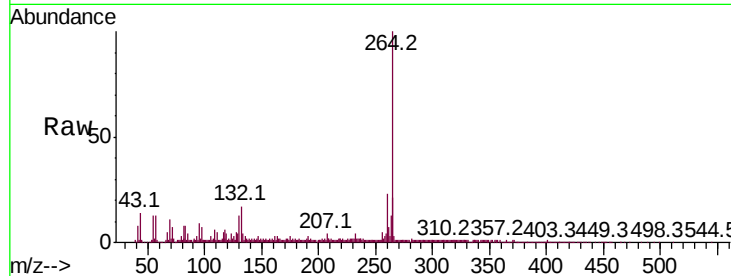
ClientSampleId :

BASIN-8

Tot Ion:	264	Resp:	194577
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	21.2	17.1	25.7

Manual Integrations
APPROVED

Sohil
1/9/2019 10:36:56 AM



#88

Benzo(b)fluoranthene

Concen: 2.037 ng m

RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BF111929.D

Acq: 9 Jan 2019 1:18

Tgt Ion:	252	Resp:	23715
Ion Ratio	Lower	Upper	
252	100		
253	30.9	17.0	25.6#
125	33.6	7.1	10.7#

