

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114082.D
 Acq On : 2 May 2019 13:28
 Operator : JU/SJ
 Sample : K2584-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8

Manual Integrations
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 5/3/2019 4:32:52 PM

Quant Time: May 03 03:50:37 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	6.89	152	91223	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	355786	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	190541	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	368758	20.00	ng	0.00
76) Chrysene-d12	14.06	240	292778	20.00	ng	-0.01
87) Perylene-d12	15.56	264	313727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	658023	123.37	ng	0.00
7) Phenol-d6	6.52	99	934616	139.67	ng	0.00
23) Nitrobenzene-d5	7.45	82	576333	100.02	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	335995	144.75	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1242980	102.03	ng	-0.01
79) Terphenyl-d14	13.00	244	1672655	117.13	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	100839	7.318	ng	Qvalue # 99
71) Phenanthrene	11.43	178	170851	9.219	ng	98
75) Fluoranthene	12.63	202	245593	12.147	ng	96
78) Pyrene	12.85	202	202415	9.886	ng	98
81) Benzo(a)anthracene	14.04	228	96692	5.605	ng	97
83) Chrysene	14.09	228	88708	5.280	ng	97
86) Indeno(1,2,3-cd)pyrene	17.06	276	46842	2.944	ng	95
88) Benzo(b)fluoranthene	15.13	252	105553m	5.318	ng	
90) Benzo(a)pyrene	15.50	252	69166	4.029	ng	# 96
92) Benzo(g,h,i)perylene	17.50	276	40928	2.516	ng	96

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

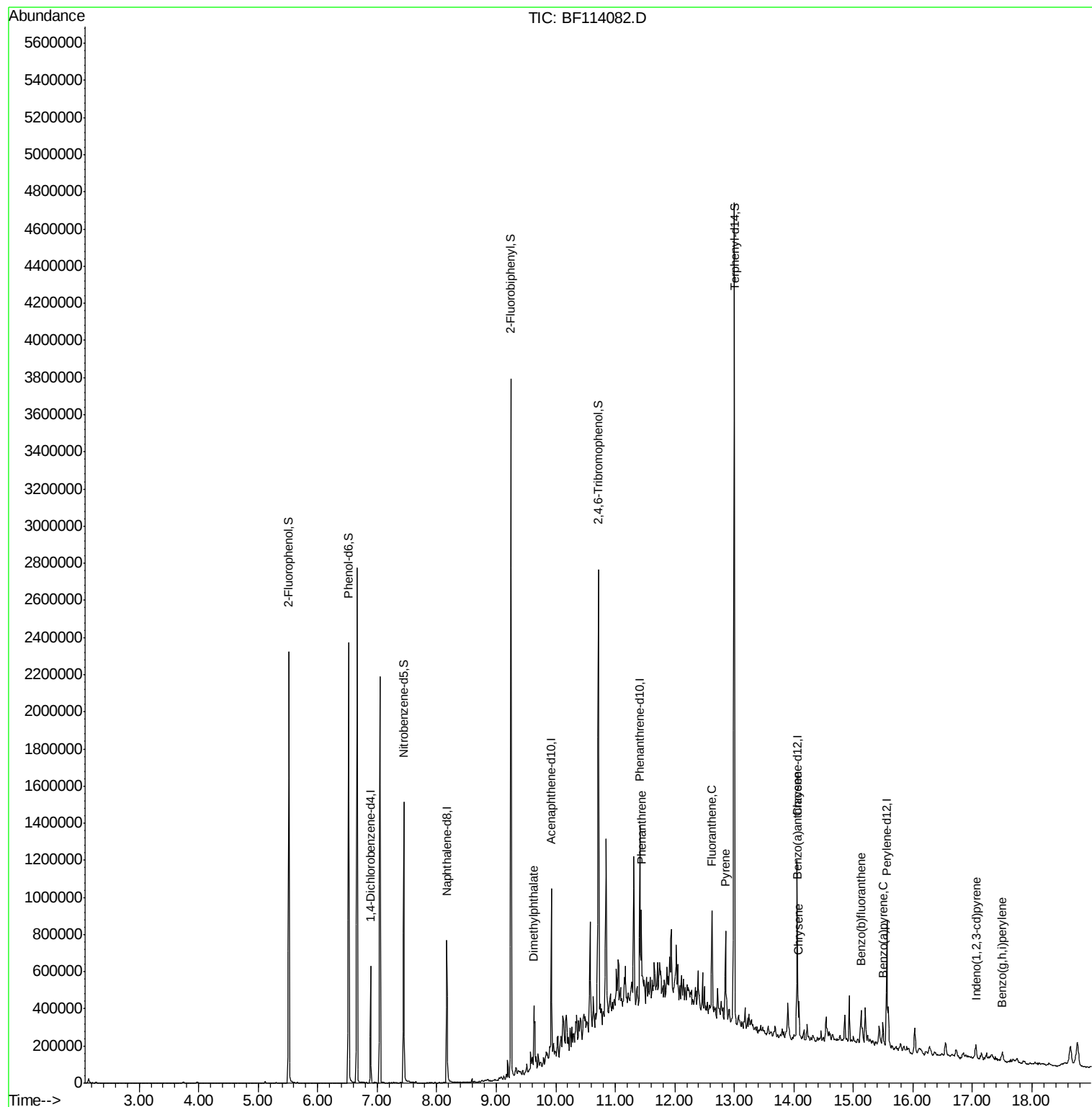
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114082.D
Acq On : 2 May 2019 13:28
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ALS Vial : 4 Sample Multiplier: 1

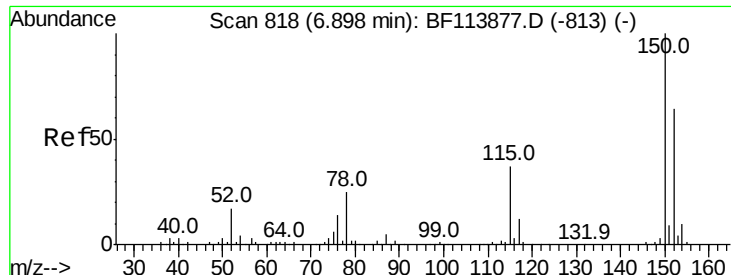
Instrument :
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ClientSampleId :
SSSI-0419-S-DH-8

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Quant Time: May 03 03:50:37 2019
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#1

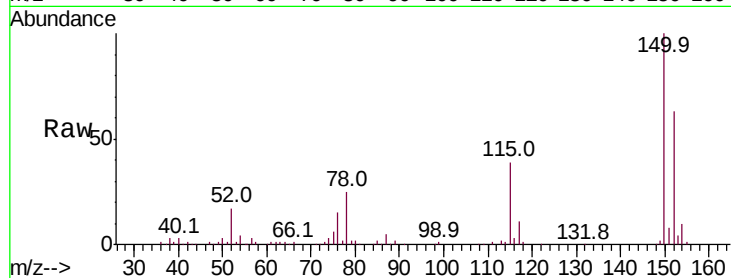
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	125.9	188.9
115	61.8	45.9	68.9

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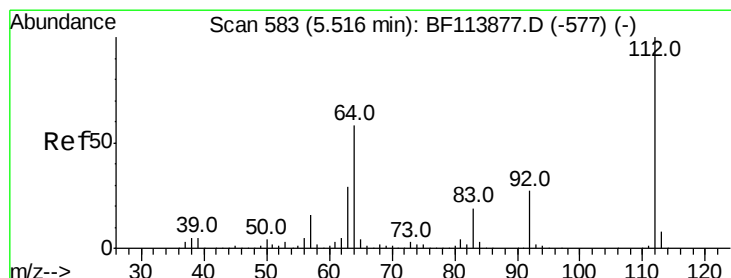
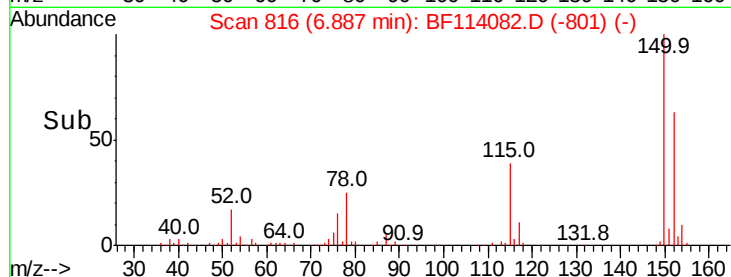
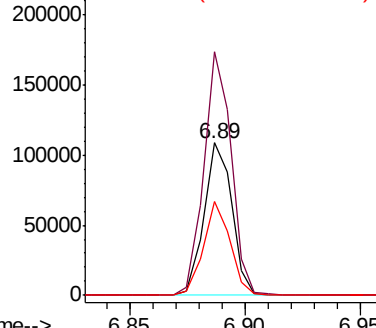


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

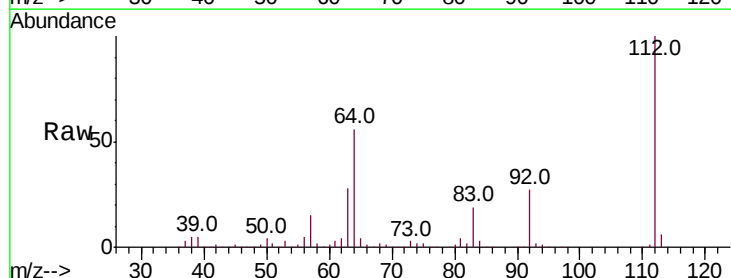
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.374 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.6	69.8
63	27.6	23.1	34.7

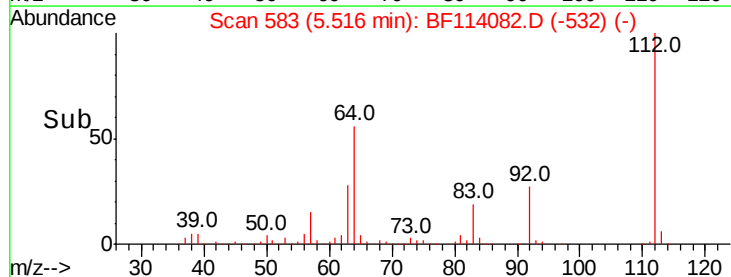
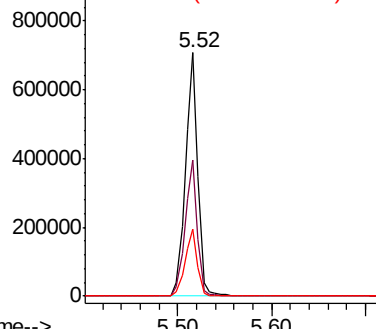


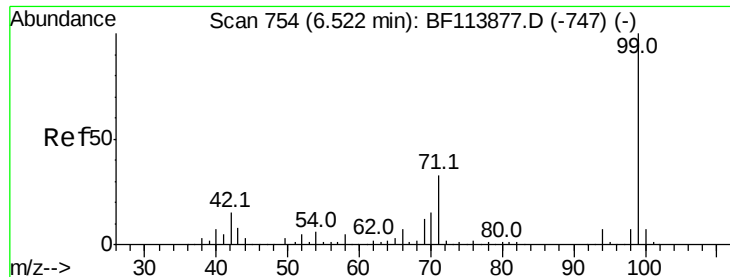
Abundance

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: 139.670 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF114082.D

Acq: 2 May 2019 13:28

Instrument :

BNA_F

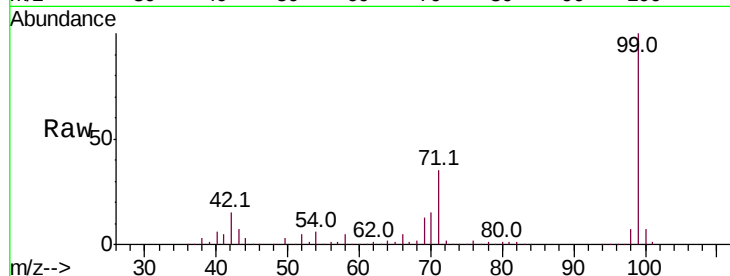
ClientSampleId :

SSSI-0419-S-DH-8

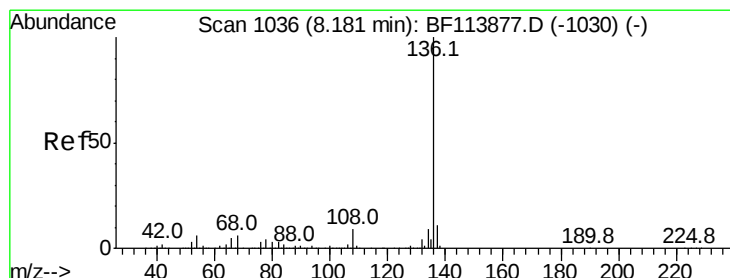
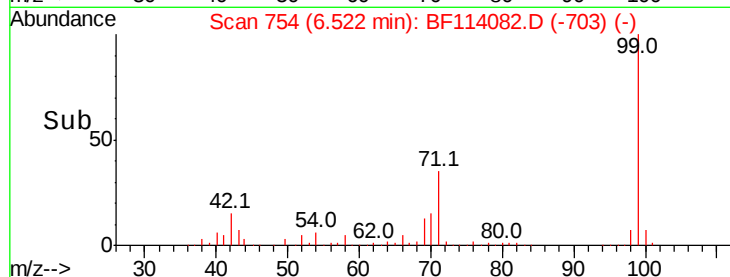
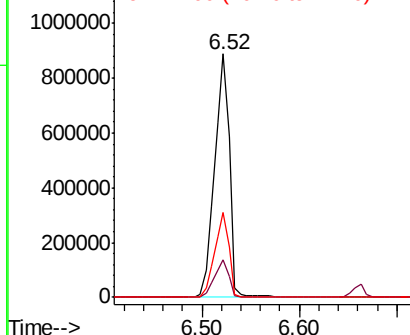
Tot Ion:	99	Resp:	934616
Ion Ratio	Lower	Upper	
99	100		
42	15.5	12.5	18.7
71	34.9	26.9	40.3

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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: 8.17 min Scan# 1034

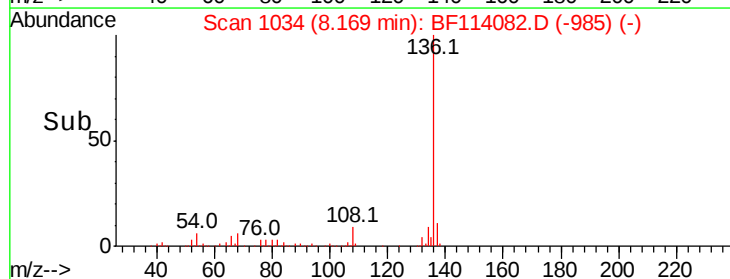
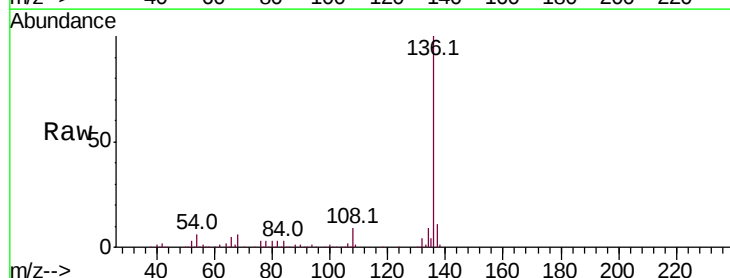
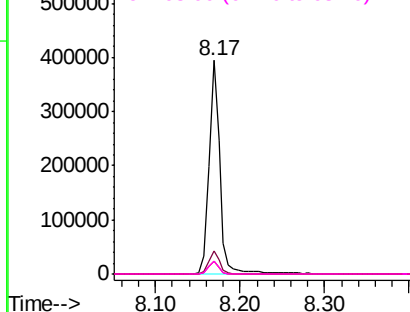
Delta R.T. -0.01 min

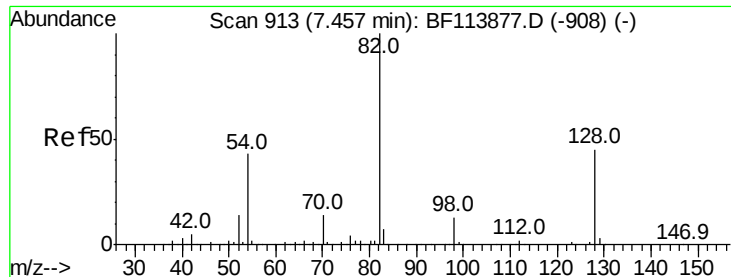
Lab File: BF114082.D

Acq: 2 May 2019 13:28

Tgt Ion:	136	Resp:	355786
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	6.3	5.0	7.6
68	6.1	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





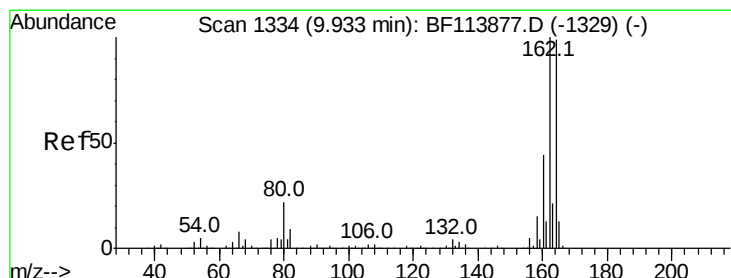
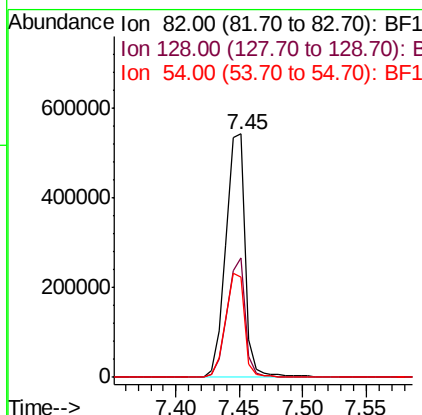
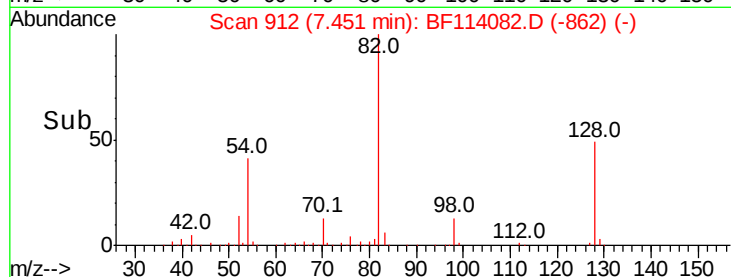
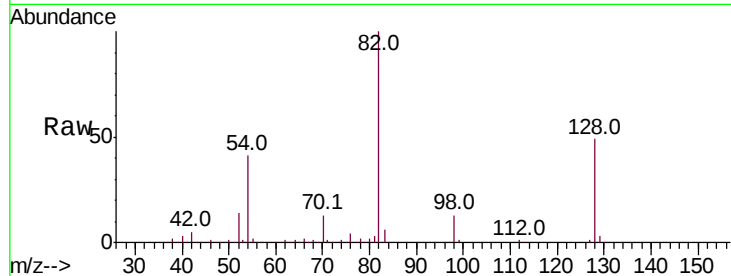
#23
Nitrobenzene-d5
Concen: 100.018 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.8	55.2
54	41.0	33.8	50.6

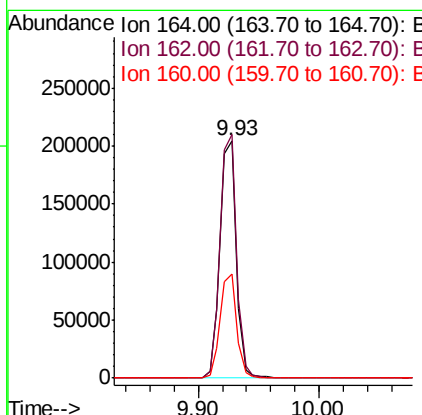
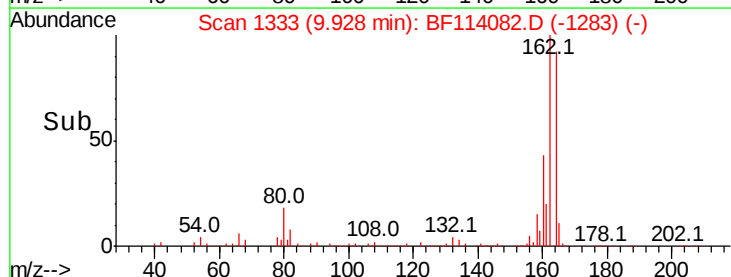
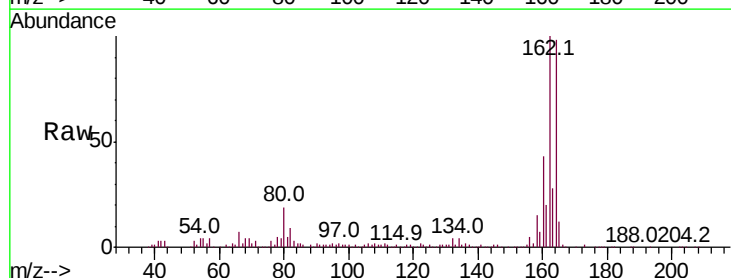
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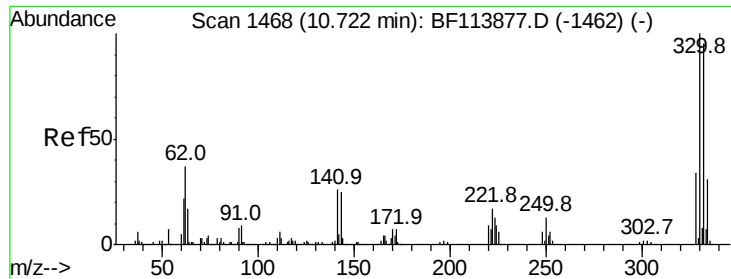
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.1	121.7
160	43.8	35.8	53.6





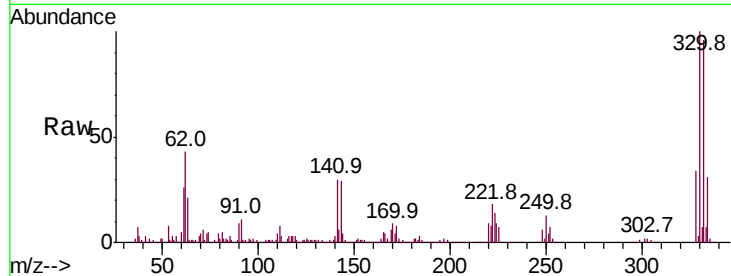
#42
 2,4,6-Tribromophenol
 Concen: 144.752 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF114082.D
 Acq: 2 May 2019 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8

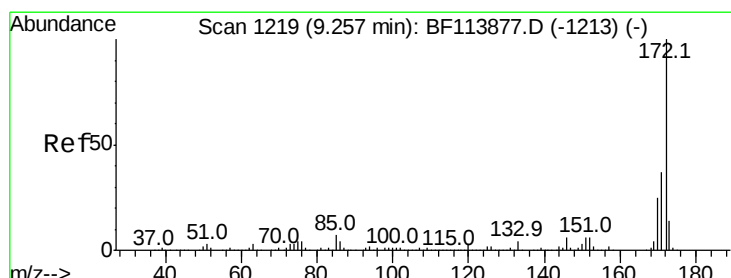
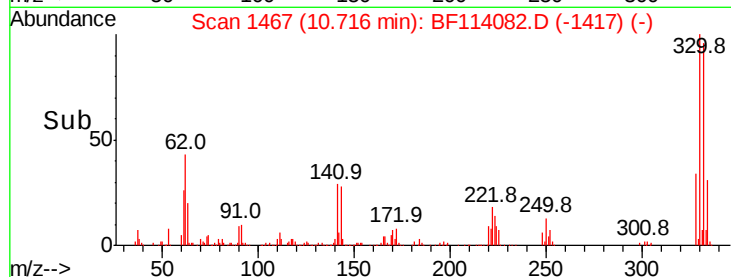
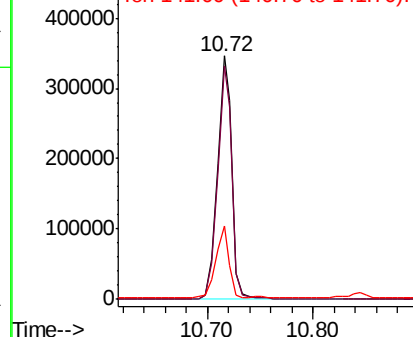
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.5	116.3	
141	26.7	22.2	33.2	

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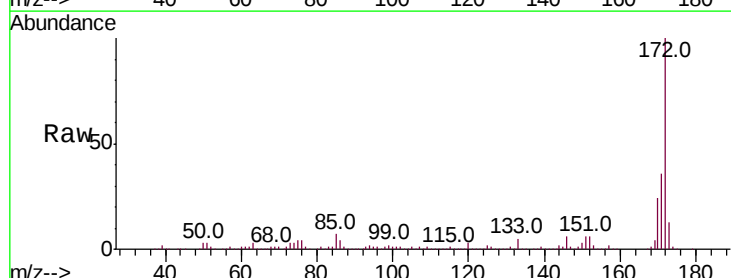


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

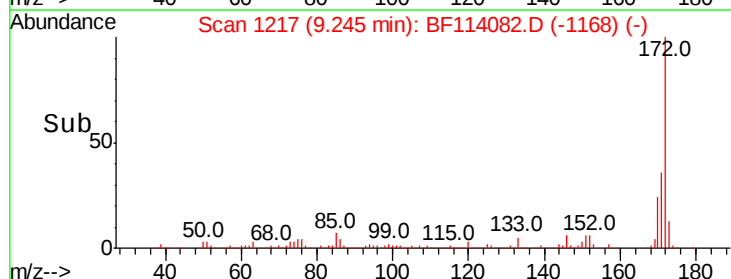
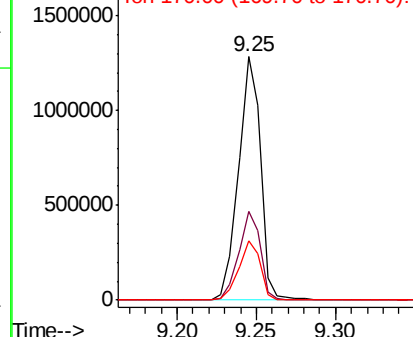


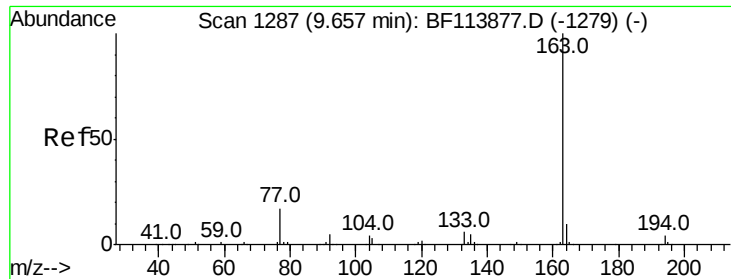
#45
 2-Fluorobiphenyl
 Concen: 102.028 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114082.D
 Acq: 2 May 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.4	44.0	
170	24.4	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





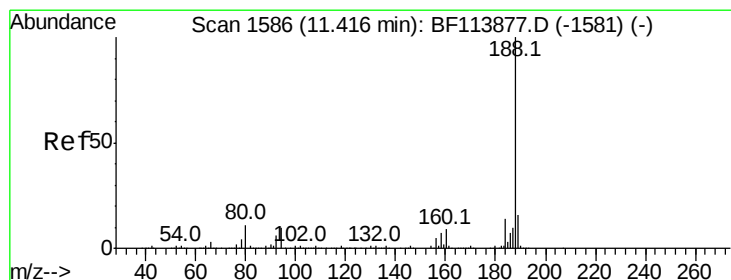
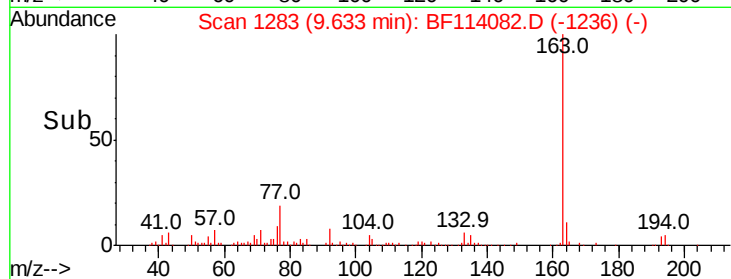
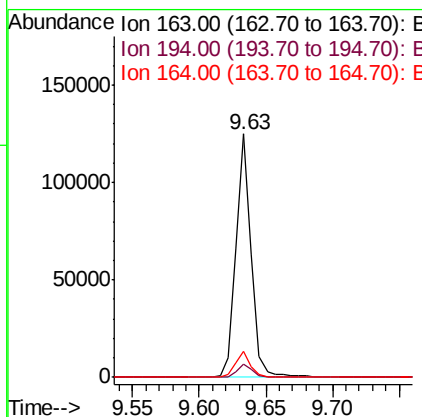
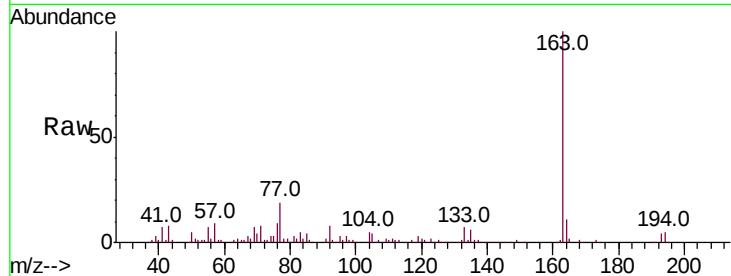
#50
Dimethylphthalate
Concen: 7.318 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.2	3.4	5.2#	
164	10.5	8.5	12.7	

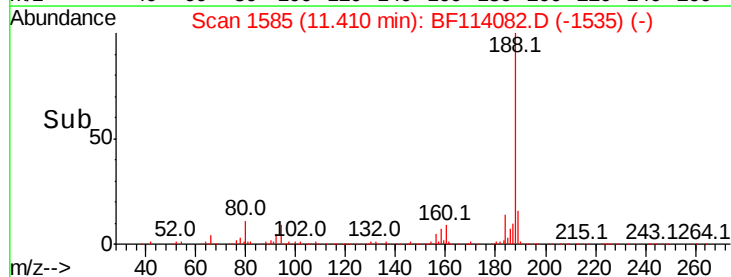
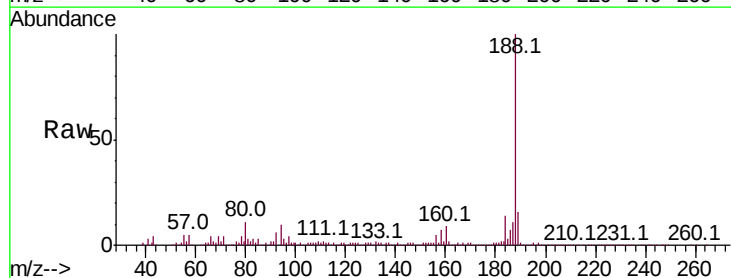
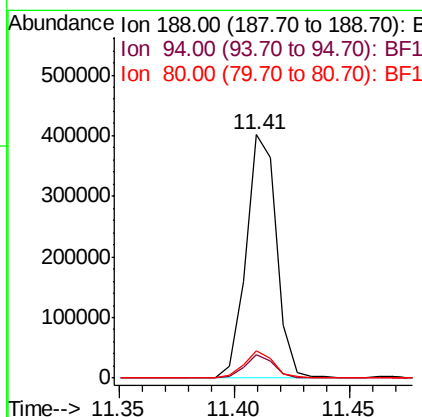
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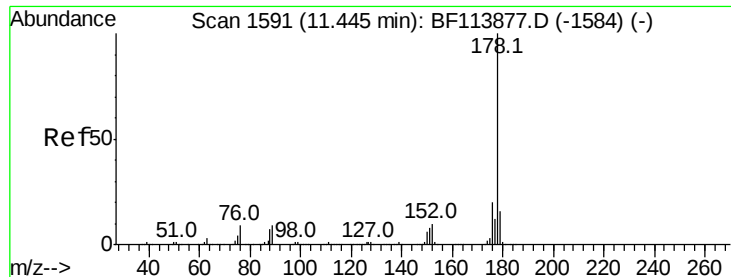
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.7	8.2	12.4	
80	11.1	9.0	13.6	





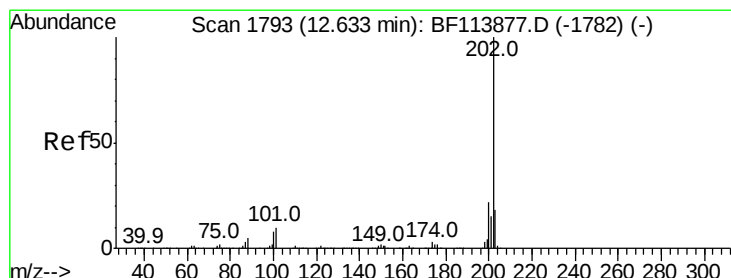
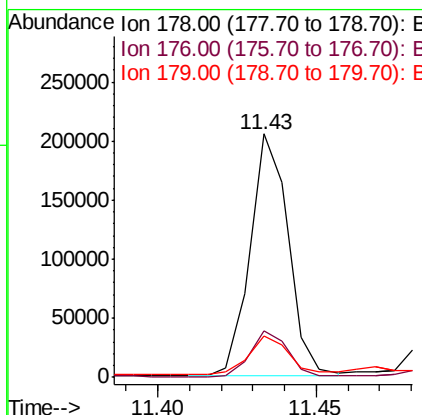
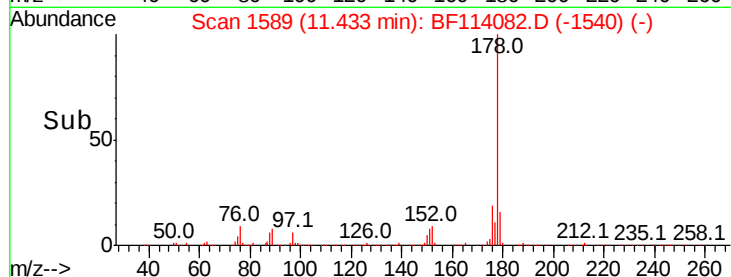
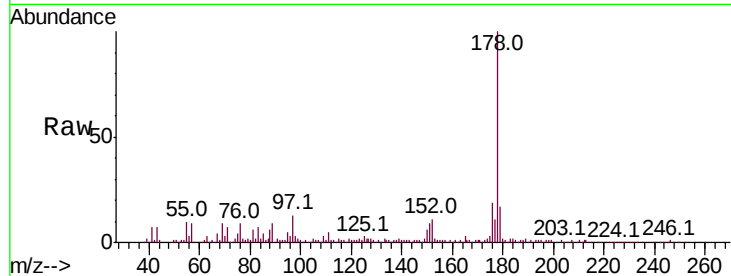
#71
Phenanthrene
Concen: 9.219 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8

Tot Ion:	178	Resp:	170851
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.1	24.1
179	17.0	12.8	19.2

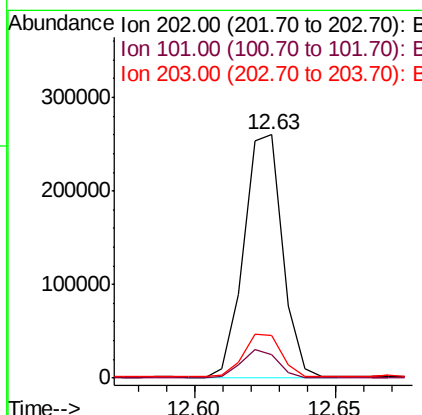
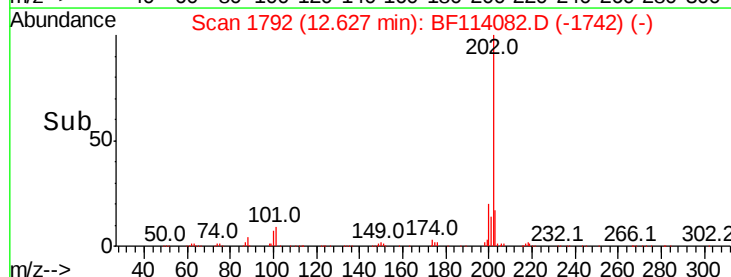
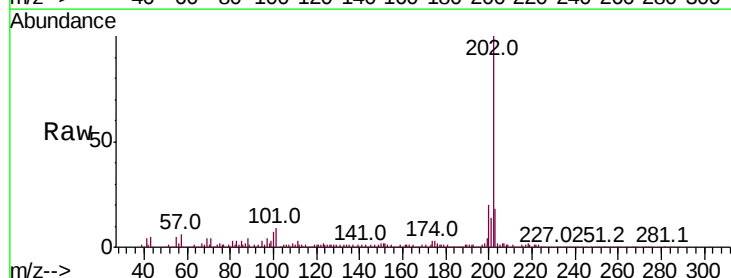
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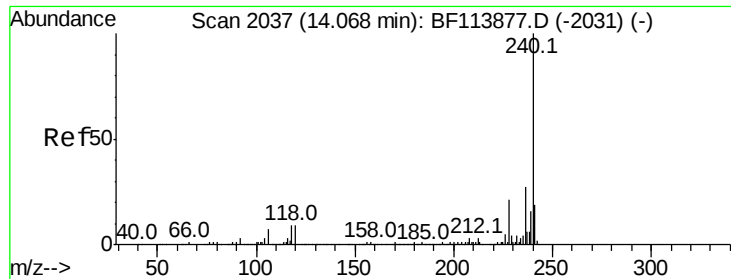
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#75
Fluoranthene
Concen: 12.147 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Tgt Ion:	202	Resp:	245593
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	32.9
203	17.7	0.0	38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF114082.D

Acq: 2 May 2019 13:28

Instrument :

BNA_F

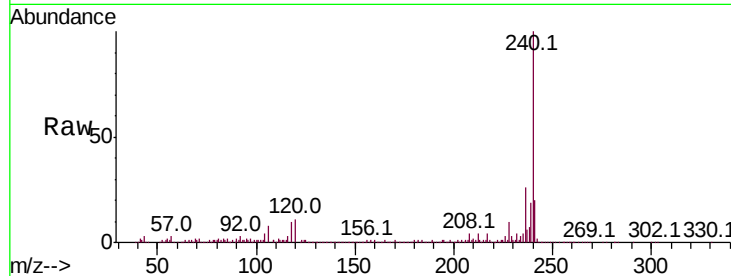
ClientSampleId :

SSSI-0419-S-DH-8

Tot Ion:	240	Resp:	292778
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.3	13.9
236	25.8	21.2	31.8

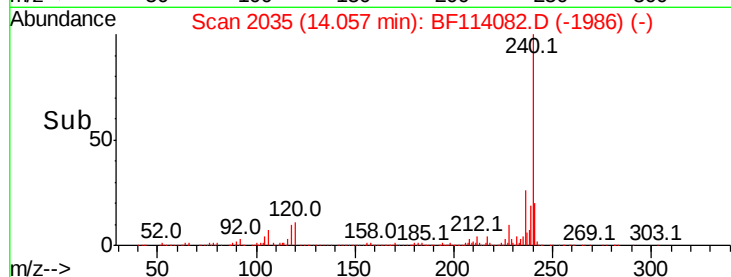
Manual Integrations
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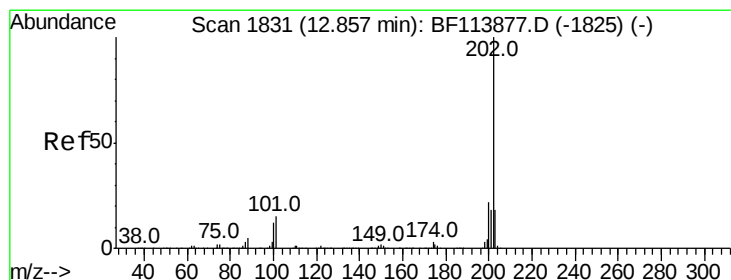


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.06



Time-->



#78

Pyrene

Concen: 9.886 ng

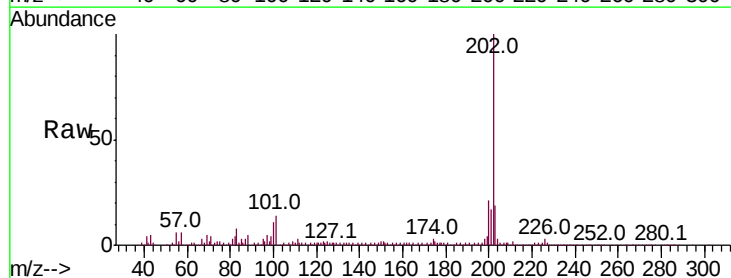
RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF114082.D

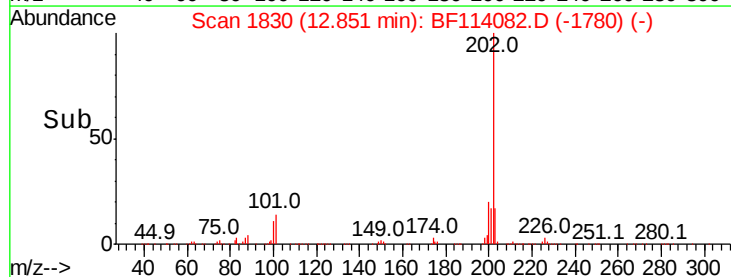
Acq: 2 May 2019 13:28

Tgt Ion:	202	Resp:	202415
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.7	26.5
203	18.7	15.0	22.6

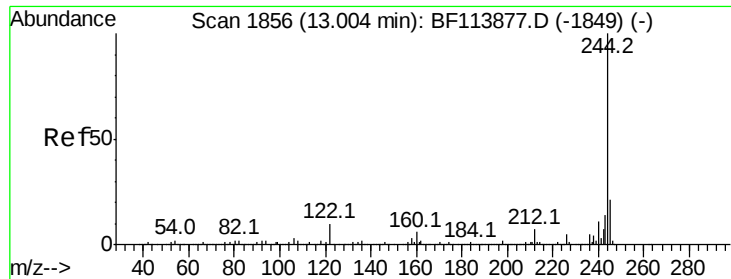


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.85



Time-->



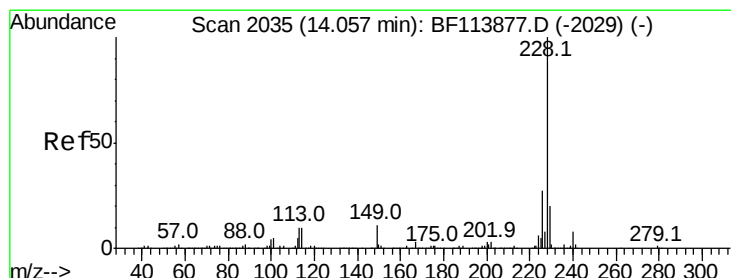
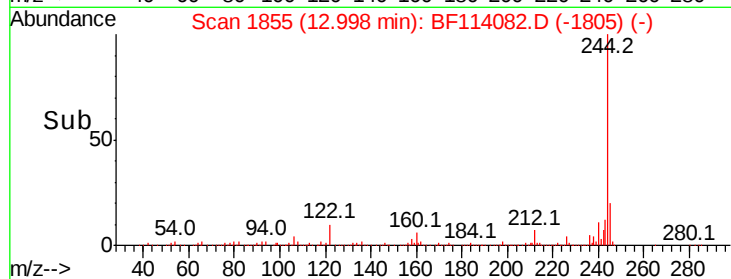
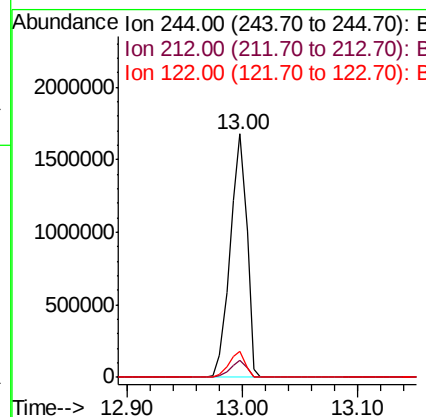
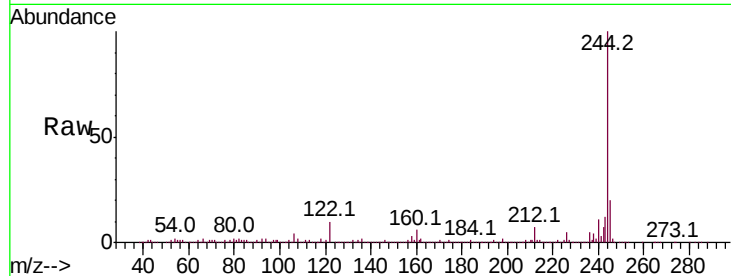
#79
 Terphenyl-d14
 Concen: 117.125 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF114082.D
 Acq: 2 May 2019 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8

Tot Ion:244 Resp: 1672655
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.5 7.6 11.4

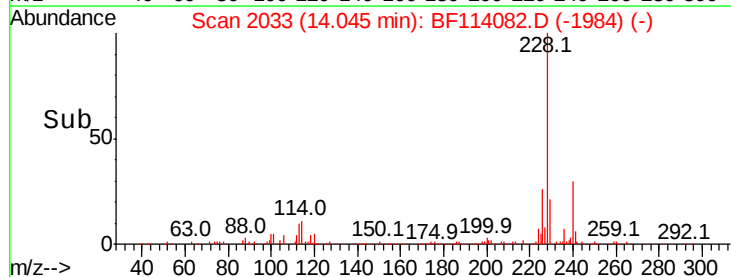
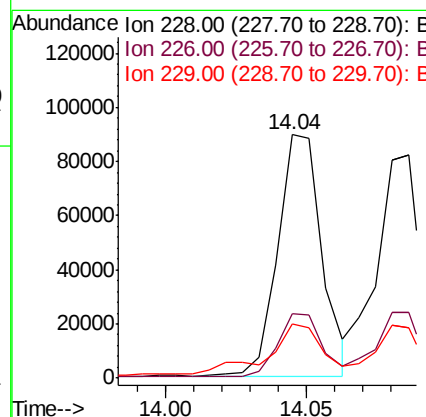
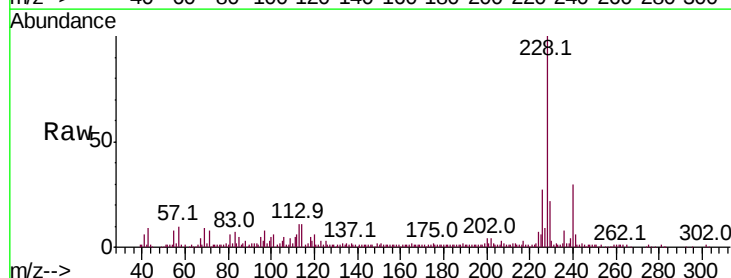
Manual Integrations
 APPROVED

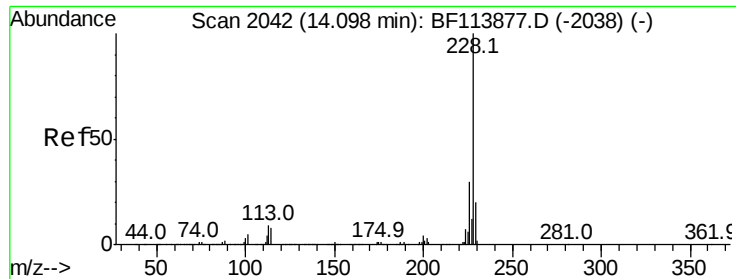
Sohil
 5/3/2019 4:32:52 PM



#81
 Benzo(a)anthracene
 Concen: 5.605 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF114082.D
 Acq: 2 May 2019 13:28

Tgt Ion:228 Resp: 96692
 Ion Ratio Lower Upper
 228 100
 226 26.5 22.2 33.2
 229 22.0 16.0 24.0





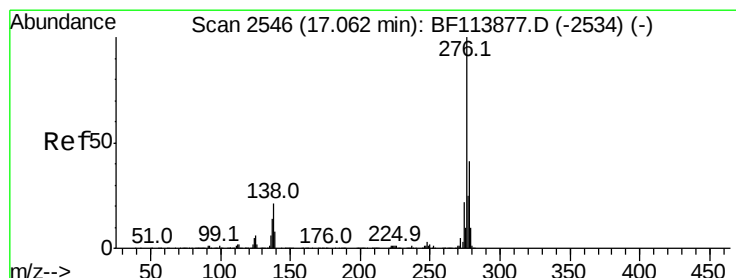
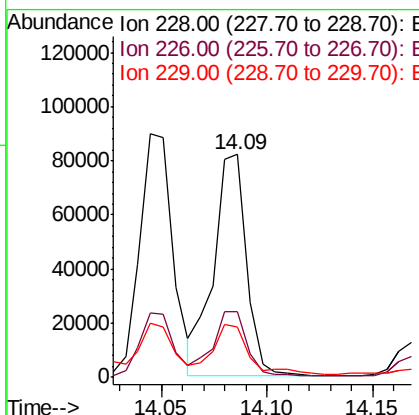
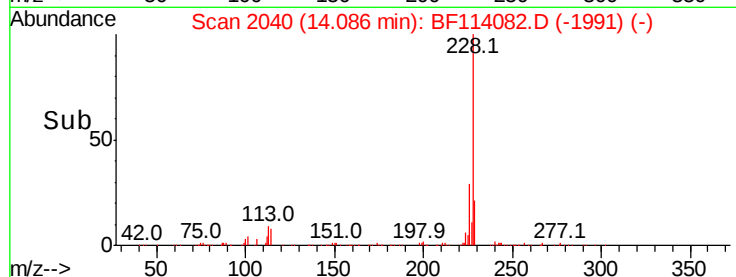
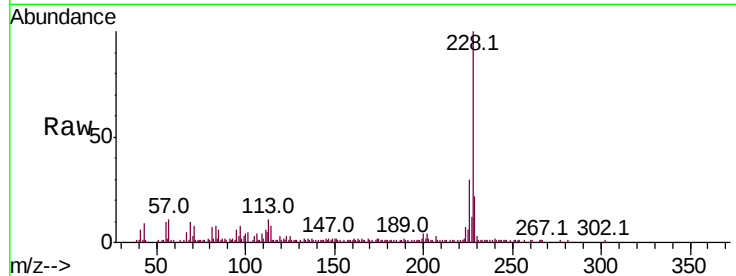
#83
Chrysene
Concen: 5.280 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.2	37.8
229	22.4	16.7	25.1

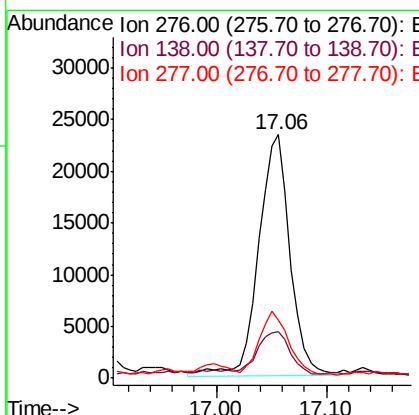
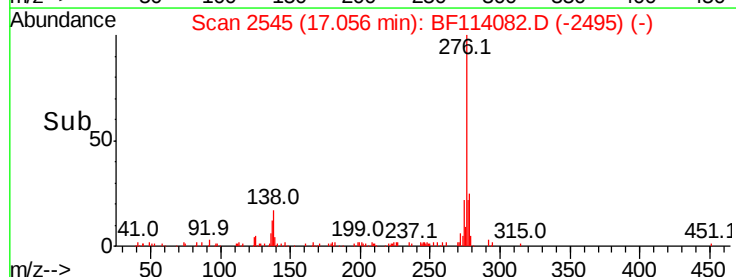
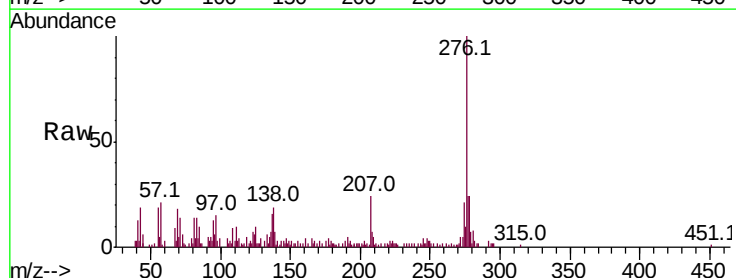
Manual Integrations
APPROVED

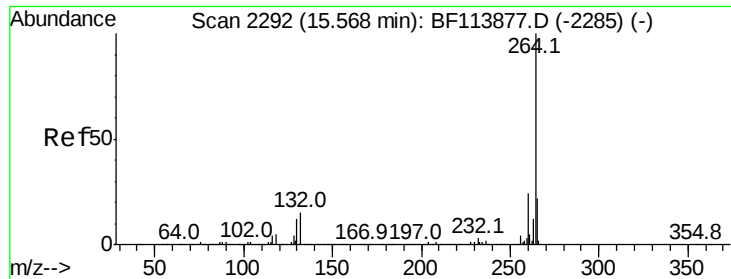
Sohil
5/3/2019 4:32:52 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.944 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	19.6	29.4
277	24.7	20.2	30.4





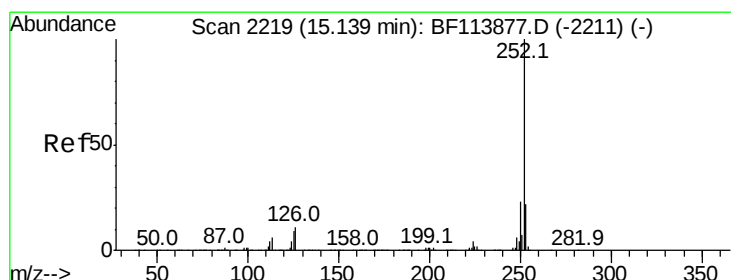
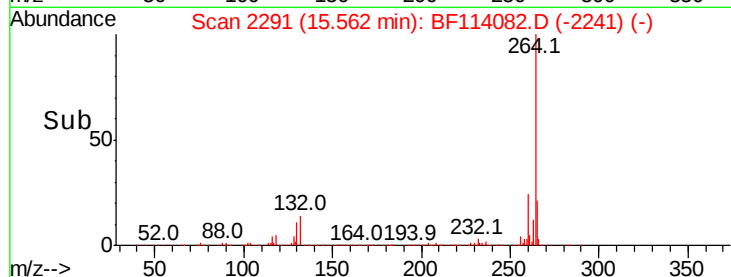
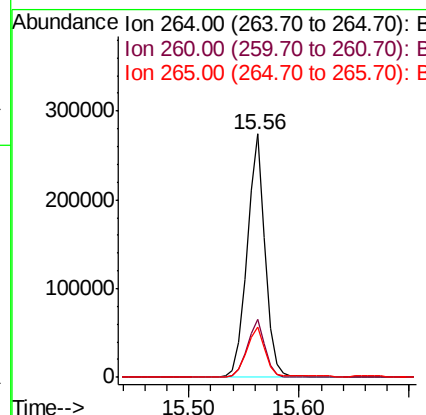
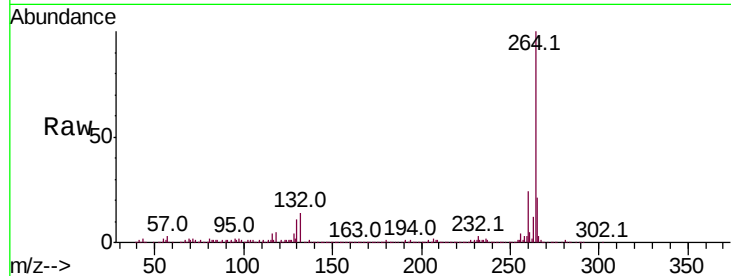
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Instrument :
BNA_F
ClientSampled :
SSSI-0419-S-DH-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	20.9	17.3	25.9

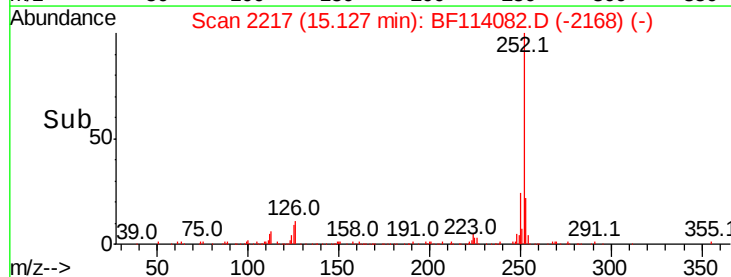
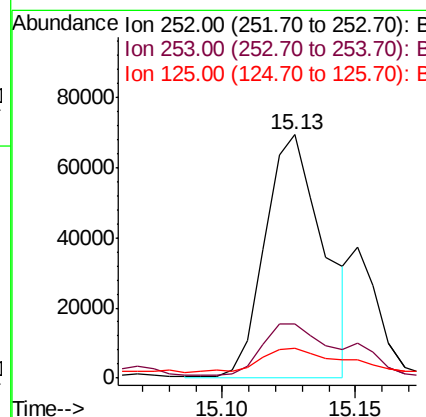
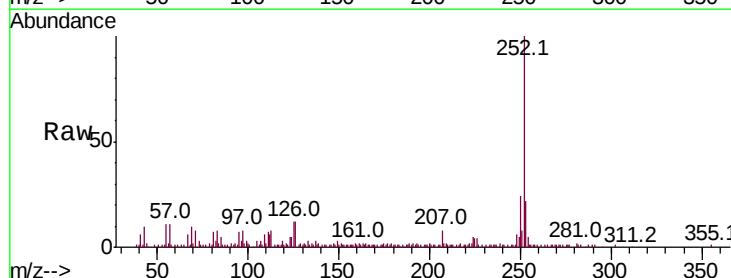
Manual Integrations
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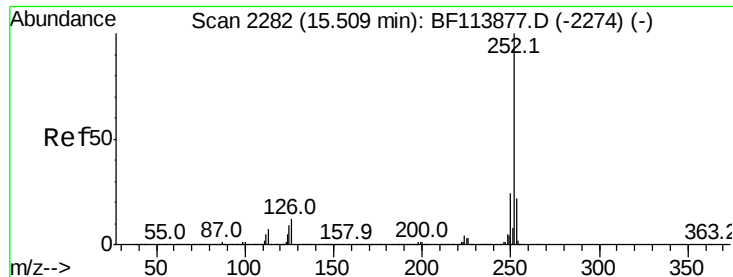
Sohil
5/3/2019 4:32:52 PM



#88
Benzo(b)fluoranthene
Concen: 5.318 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	12.1	7.0	10.6





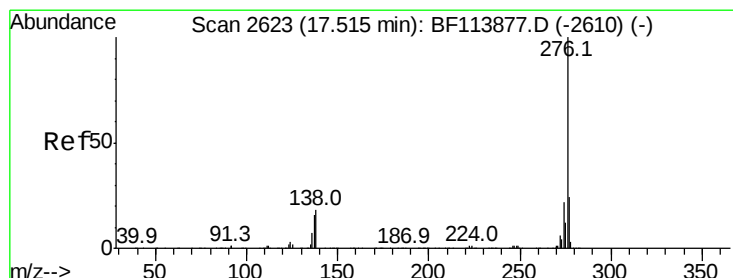
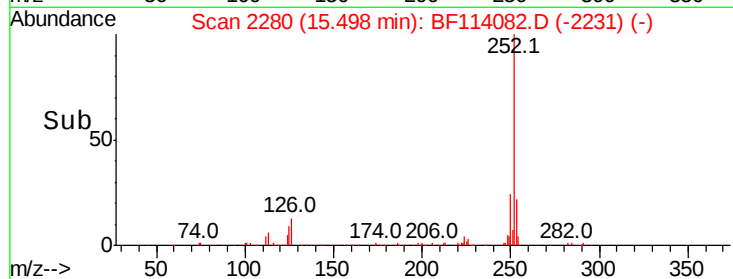
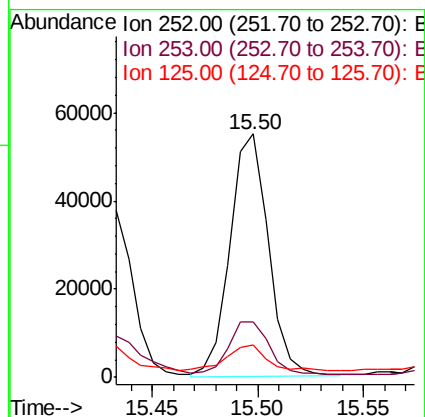
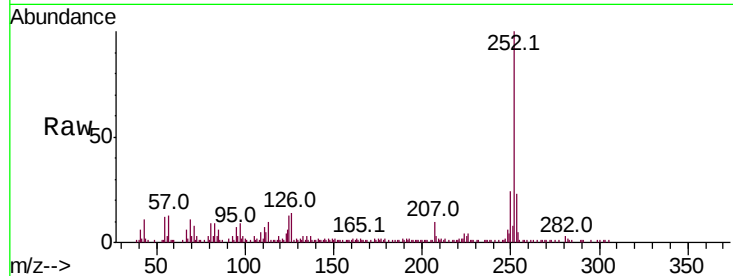
#90
Benzo(a)pyrene
Concen: 4.029 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	13.5	8.5	12.7

Manual Integrations
APPROVED

Sohil
5/3/2019 4:32:52 PM



#92
Benzo(g,h,i)perylene
Concen: 2.516 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF114082.D
Acq: 2 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.0	28.4
138	19.1	16.6	25.0

