

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114140.D
 Acq On : 11 May 2019 00:06
 Operator : JU/SJ
 Sample : K2761-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-006-A

Manual Integrations
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 5/13/2019 8:34:29 PM

Quant Time: May 11 04:48:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	322459	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1197592	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	495038	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	940329	20.00	ng	0.00
76) Chrysene-d12	14.01	240	617832	20.00	ng	-0.01
87) Perylene-d12	15.47	264	505356	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	169246	8.45	ng	0.00
7) Phenol-d6	6.48	99	570415	24.07	ng	-0.01
23) Nitrobenzene-d5	7.41	82	326612	15.31	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	12274	2.40	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	588395	17.98	ng	0.00
79) Terphenyl-d14	12.95	244	556995	18.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	86230	2.373	ng	Qvalue 99
71) Phenanthrene	11.39	178	321051	7.018	ng	98
75) Fluoranthene	12.58	202	441178	8.955	ng	98
78) Pyrene	12.81	202	413849	8.327	ng	98
81) Benzo(a)anthracene	14.00	228	183053	4.581	ng	93
83) Chrysene	14.03	228	163237	4.167	ng	97
88) Benzo(b)fluoranthene	15.05	252	147842m	4.566	ng	
90) Benzo(a)pyrene	15.41	252	98703	3.464	ng	# 81
92) Benzo(g,h,i)perylene	17.39	276	57831	2.437	ng	# 83

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

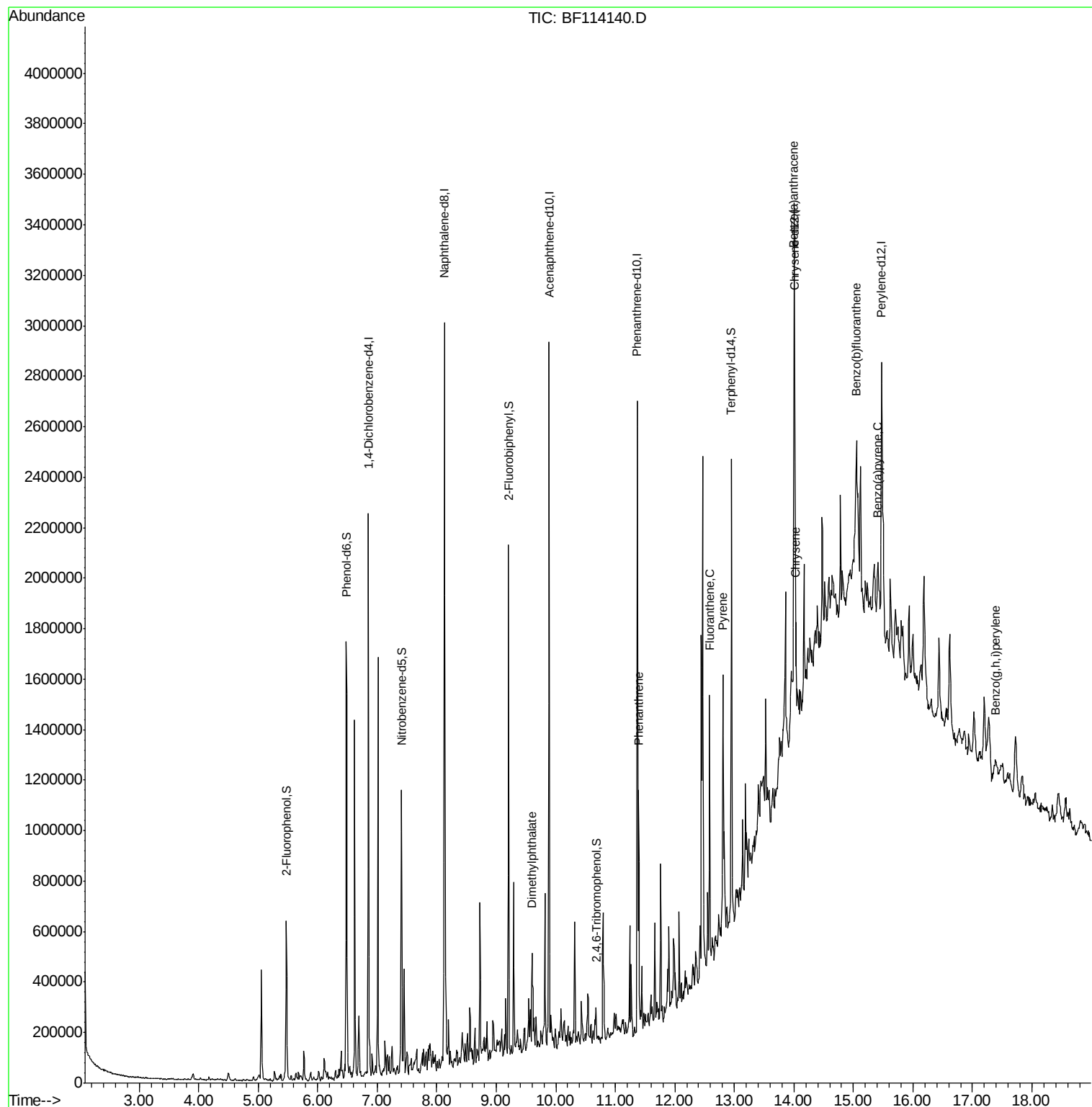
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114140.D
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Operator : JU/SJ
Sample : K2761-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

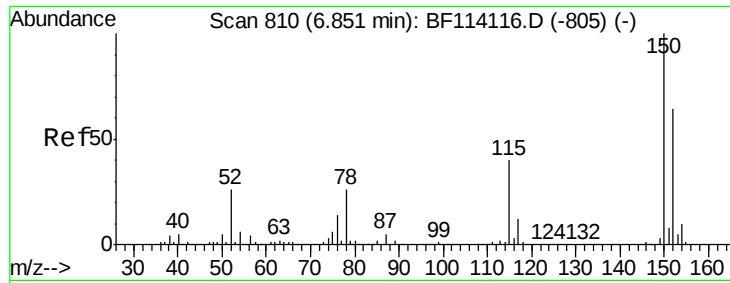
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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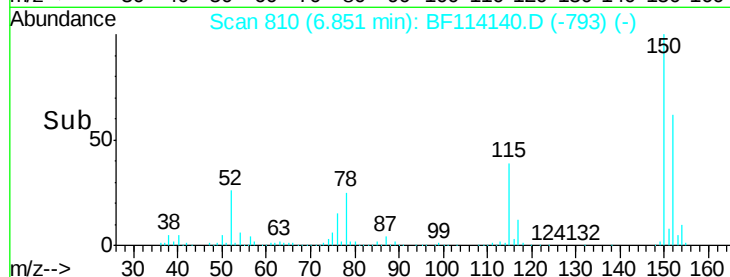
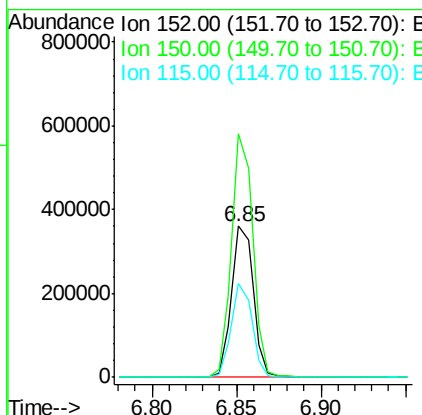
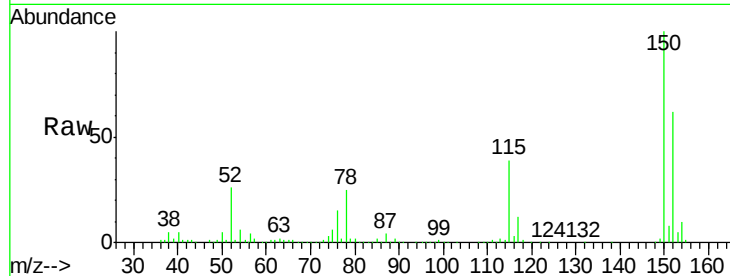
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF114140.D
 Acq: 11 May 2019 00:06

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-006-A

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	322459		
150	161.4	124.3	186.5	
115	62.5	49.1	73.7	

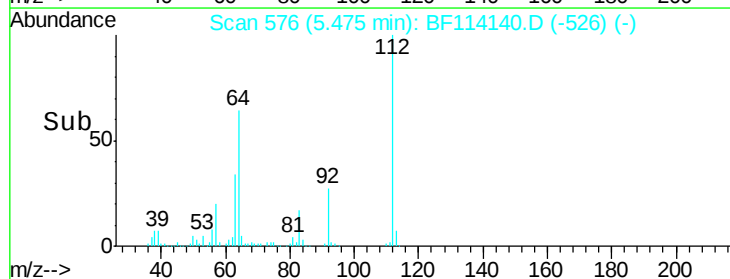
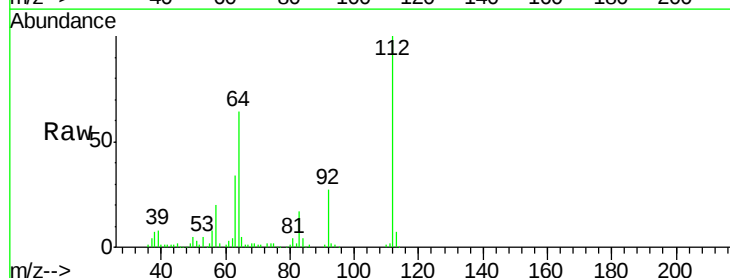
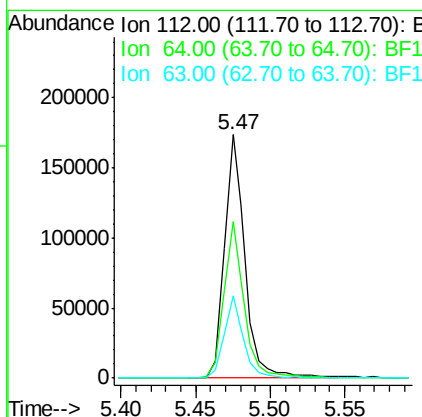
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#5
 2-Fluorophenol
 Concen: 8.446 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF114140.D
 Acq: 11 May 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	169246		
64	64.4	49.0	73.6	
63	33.6	24.6	37.0	





#7

Phenol-d6

Concen: 24.069 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114140.D

Acq: 11 May 2019 00:06

Instrument :

BNA_F

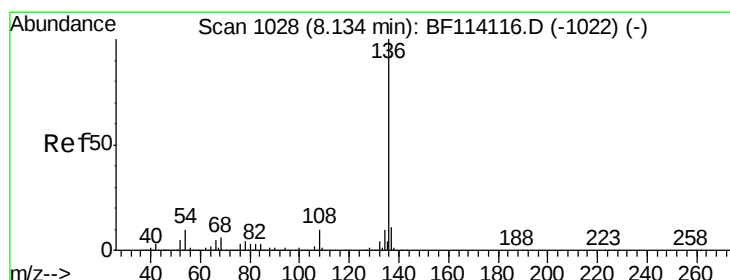
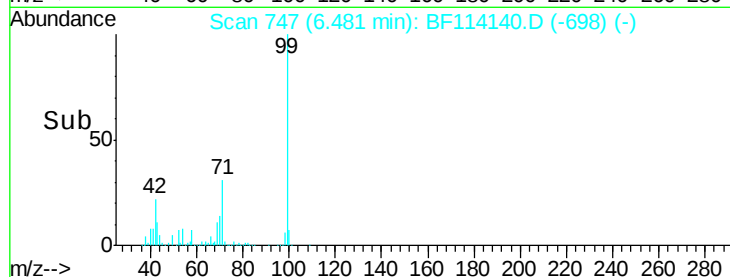
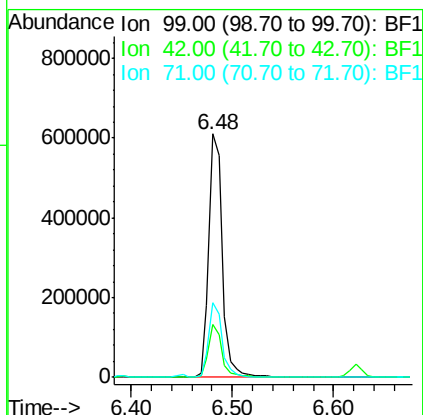
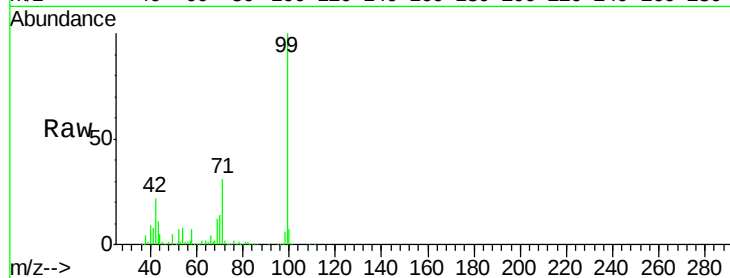
ClientSampleId :

FK-SF-03-006-A

Tgt Ion:	99	Resp:	570415
Ion Ratio	Lower	Upper	
99	100		
42	21.7	17.9	26.9
71	30.7	26.2	39.2

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#21

Naphthalene-d8

Concen: 20.000 ng

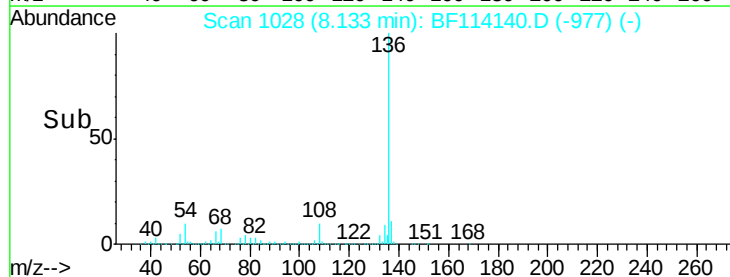
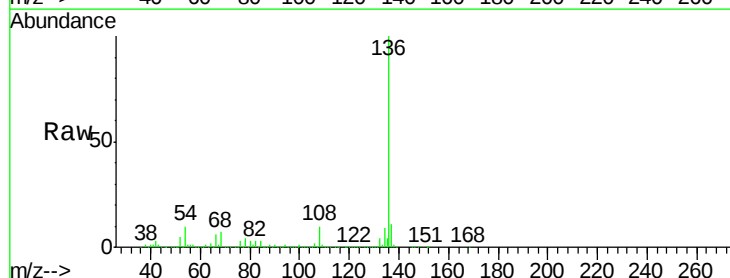
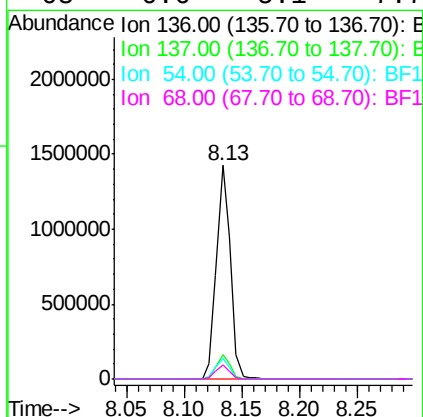
RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114140.D

Acq: 11 May 2019 00:06

Tgt Ion:	136	Resp:	1197592
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	9.9	7.8	11.8
68	6.6	5.1	7.7





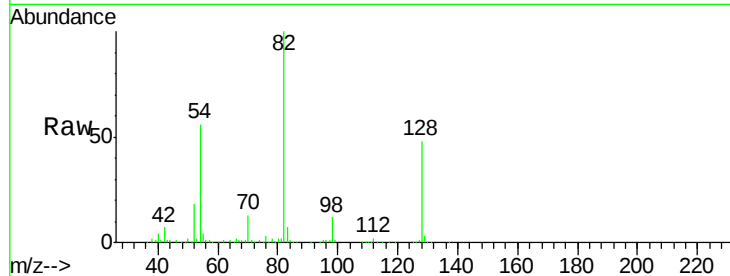
#23
Nitrobenzene-d5
Concen: 15.305 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

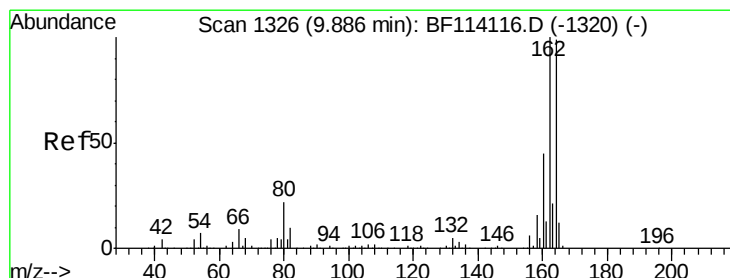
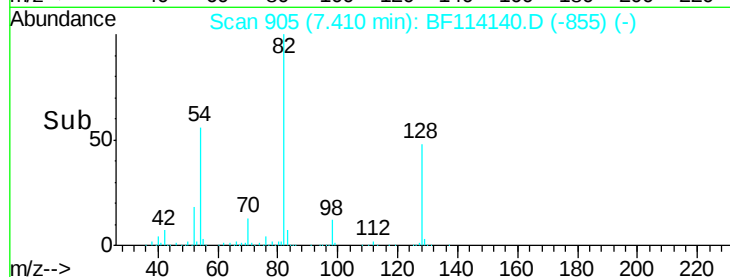
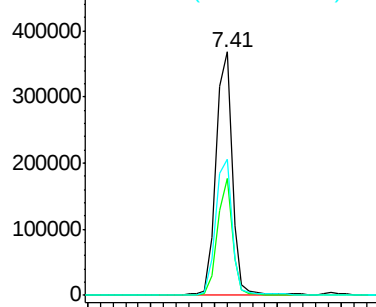
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	47.9	35.5	53.3
54	55.9	48.5	72.7

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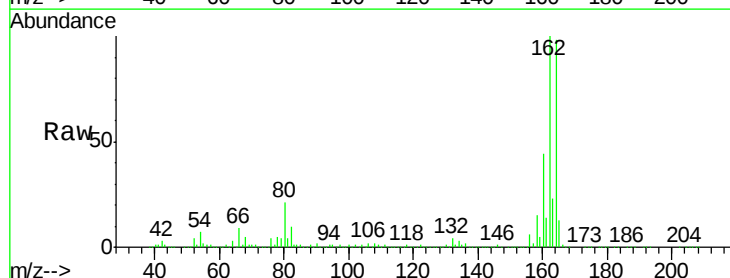


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

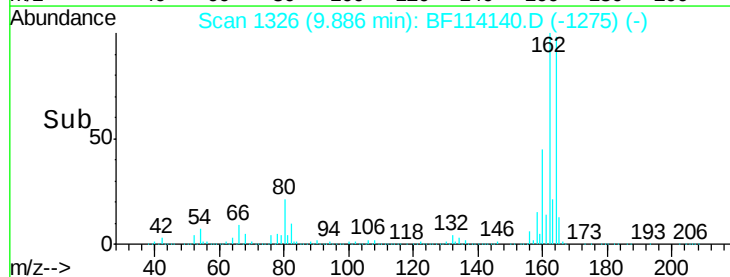
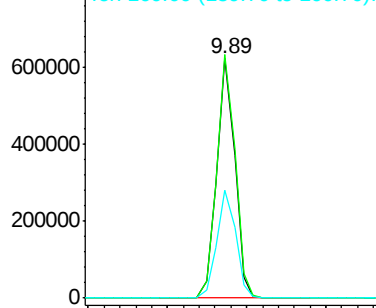


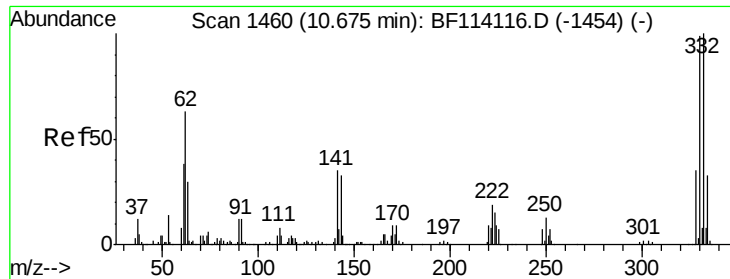
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	101.7	80.6	120.8
160	45.2	36.5	54.7



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: 2.398 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114140.D

Acq: 11 May 2019 00:06

Instrument :

BNA_F

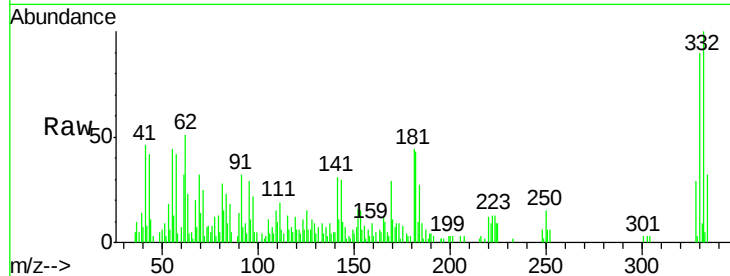
ClientSampleId :

FK-SF-03-006-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	12274		
332	102.6	81.4	122.2	
141	41.8	26.6	40.0	

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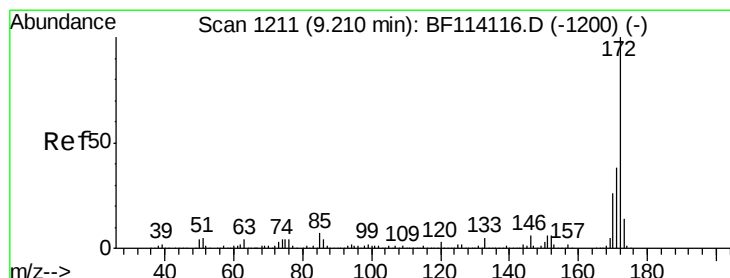
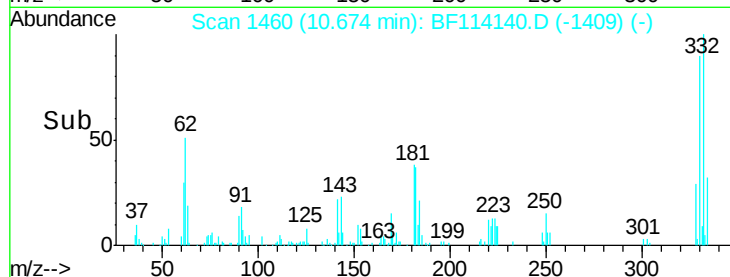
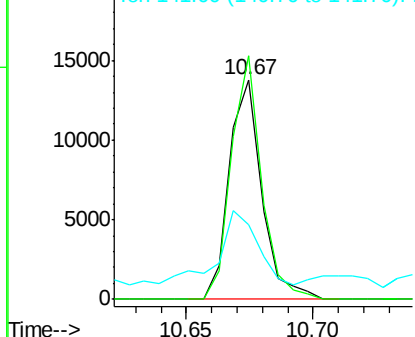


Abundance

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: 17.979 ng

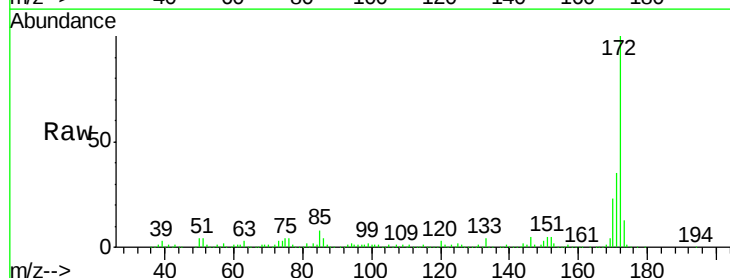
RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114140.D

Acq: 11 May 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	588395		
171	34.9	30.7	46.1	
170	23.0	20.5	30.7	

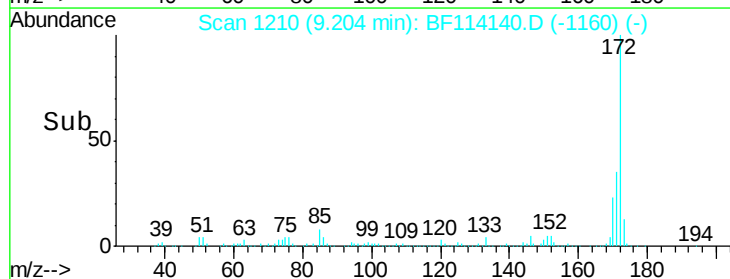
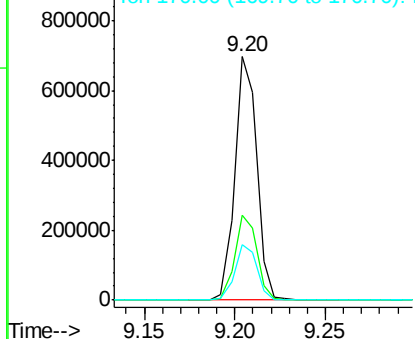


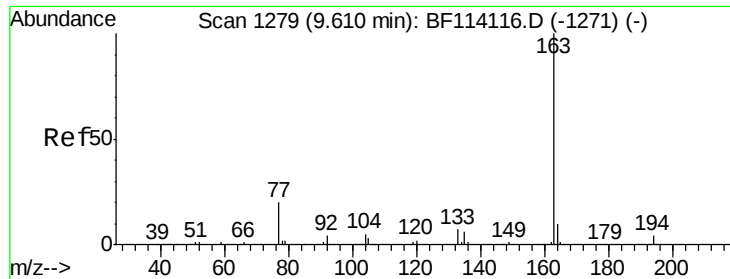
Abundance

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





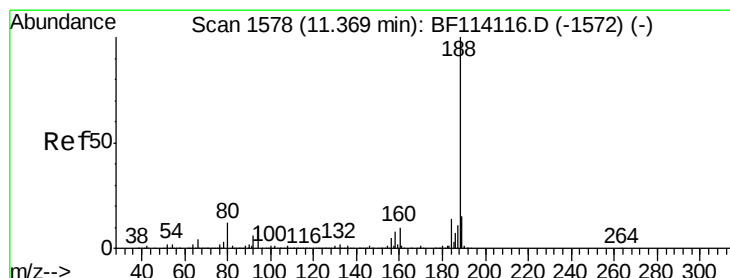
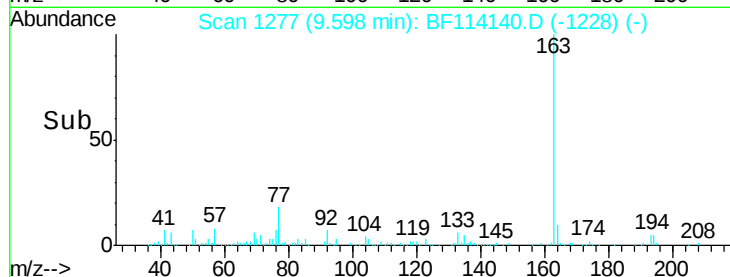
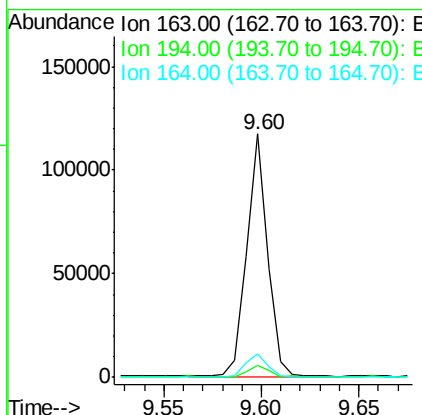
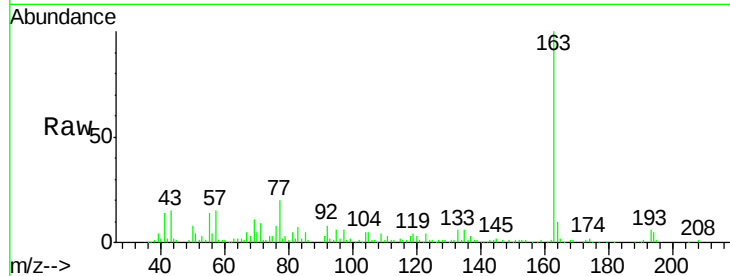
#50
Dimethylphthalate
Concen: 2.373 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	5.0	3.4	5.0
164	9.9	8.2	12.2

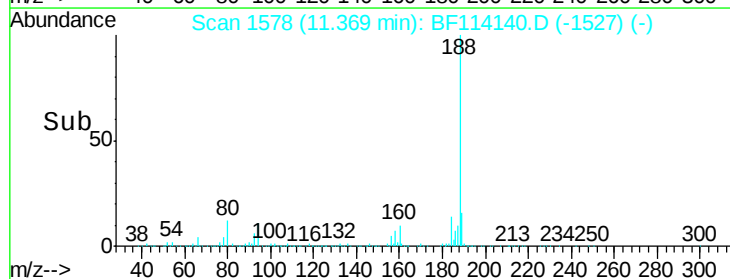
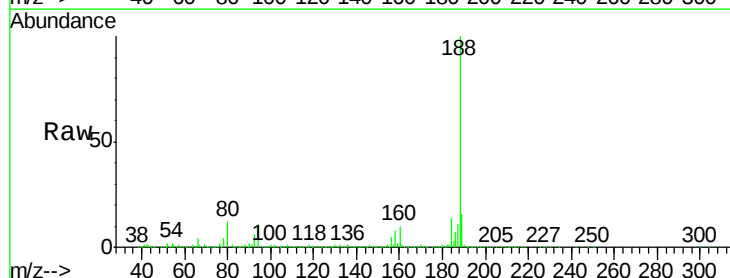
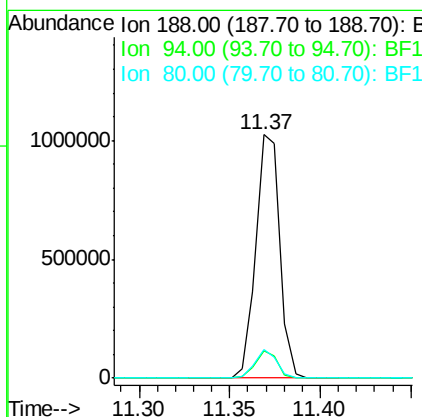
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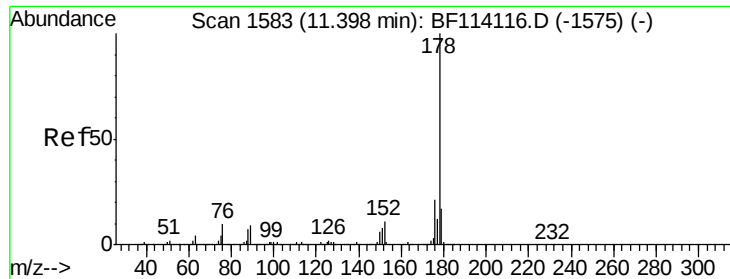
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.3	8.4	12.6
80	11.9	9.2	13.8





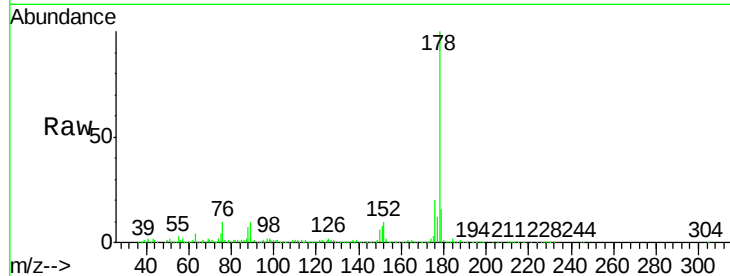
#71
Phenanthrene
Concen: 7.018 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

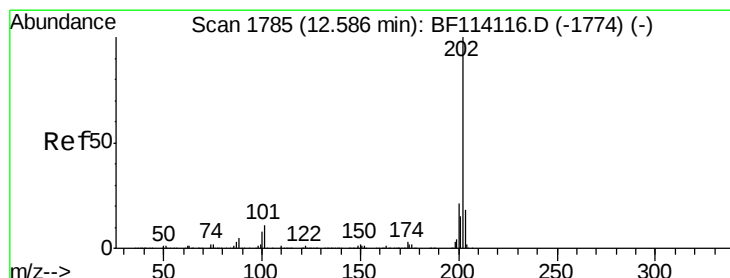
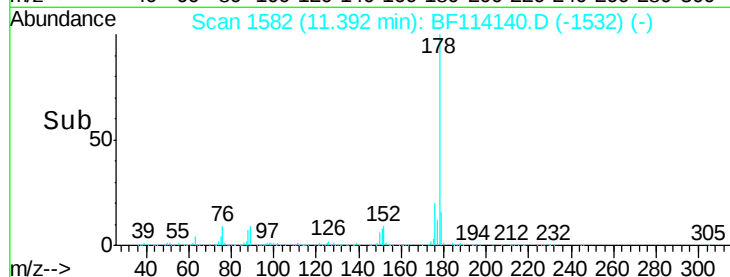
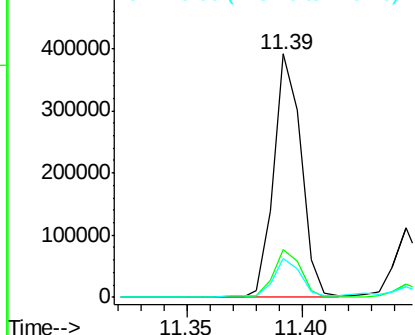
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.4	24.6
179	15.9	13.2	19.8

Manual Integrations
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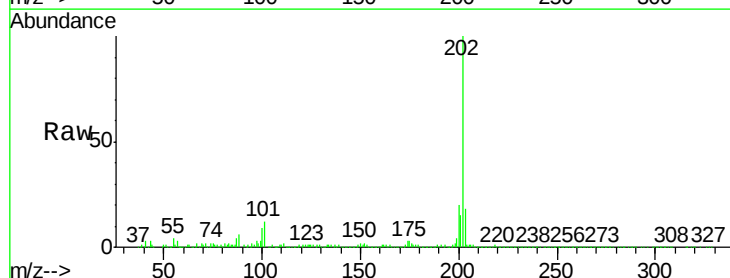


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

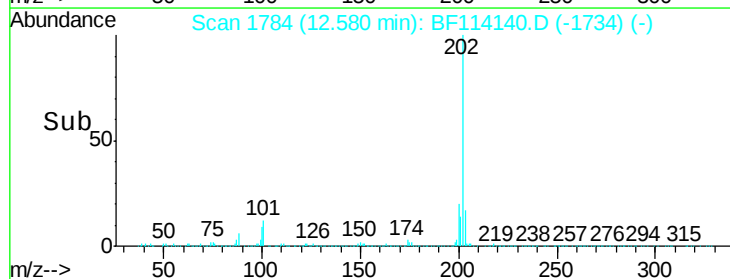
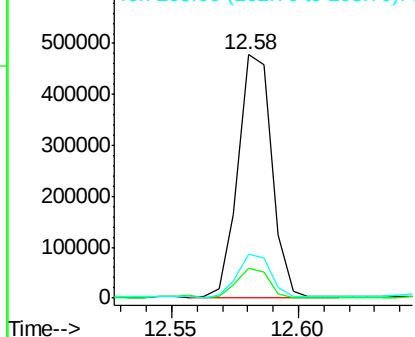


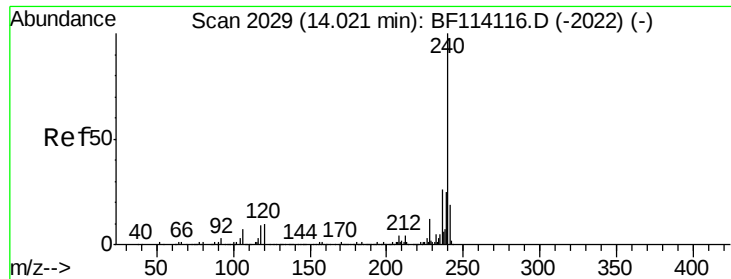
#75
Fluoranthene
Concen: 8.955 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.0
203	17.9	0.0	38.4



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





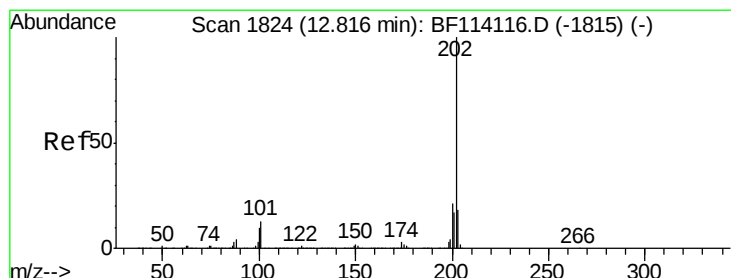
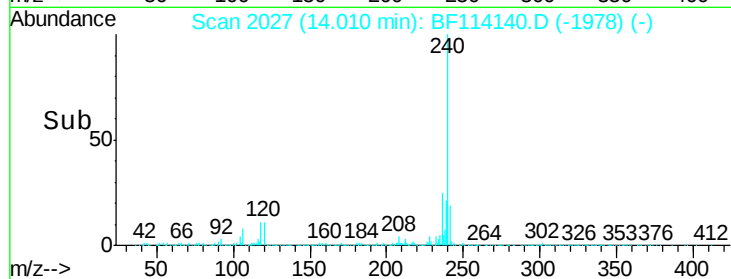
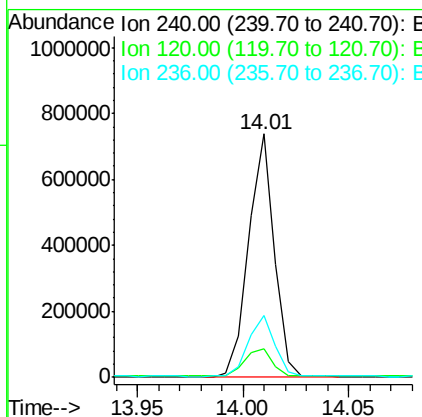
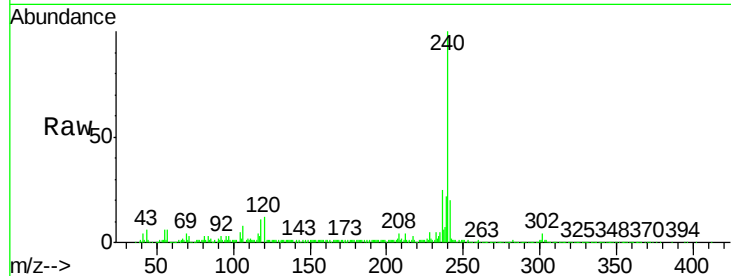
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	617832		
120	11.7	8.3	12.5	
236	25.4	20.8	31.2	

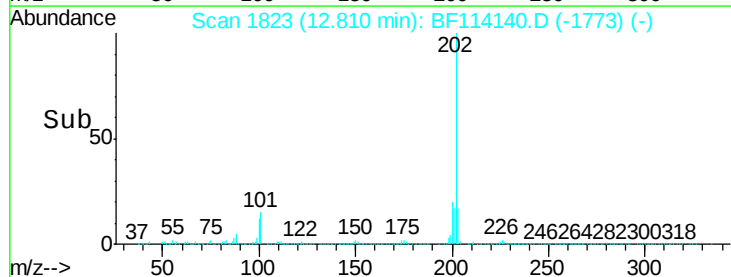
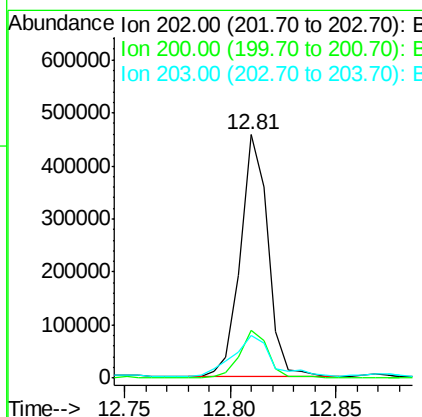
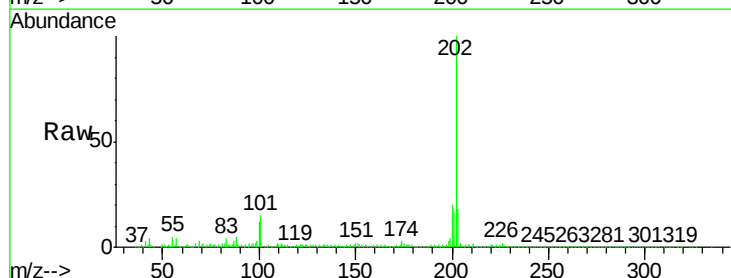
Manual Integrations
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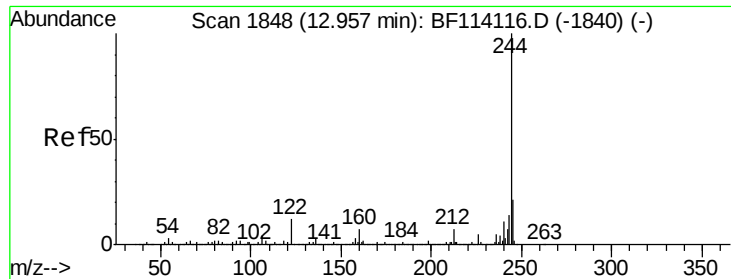
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#78
Pyrene
Concen: 8.327 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	413849		
200	19.8	16.9	25.3	
203	17.5	14.5	21.7	





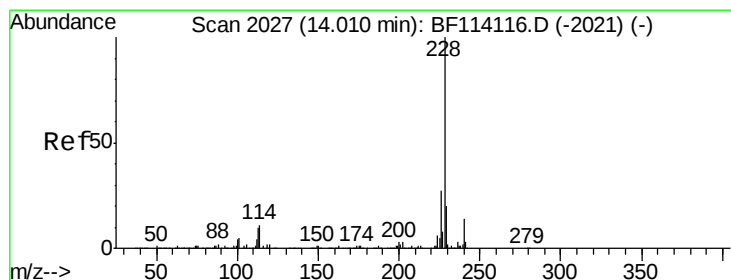
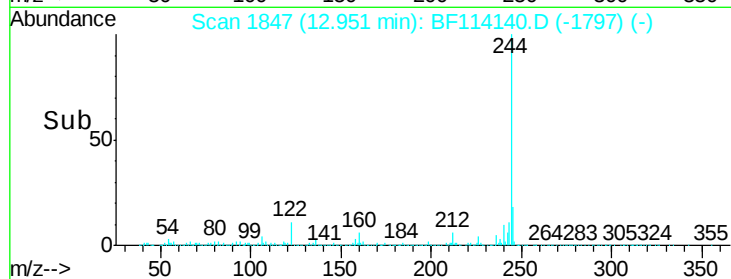
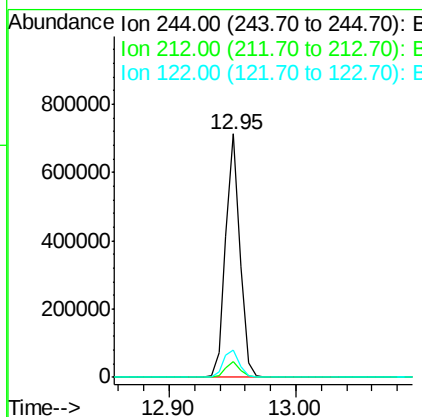
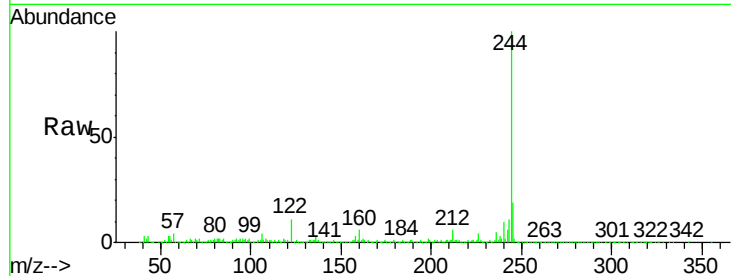
#79
 Terphenyl-d14
 Concen: 18.584 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114140.D
 Acq: 11 May 2019 00:06

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-006-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.4	5.8	8.6
122	11.4	9.4	14.2

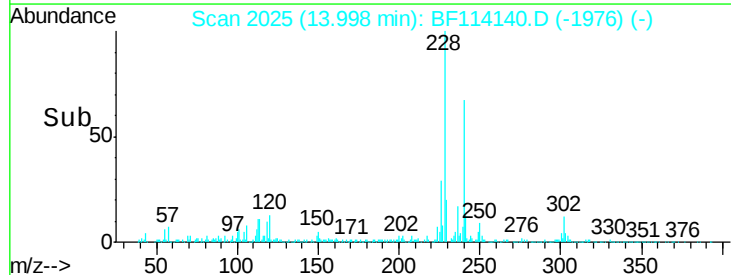
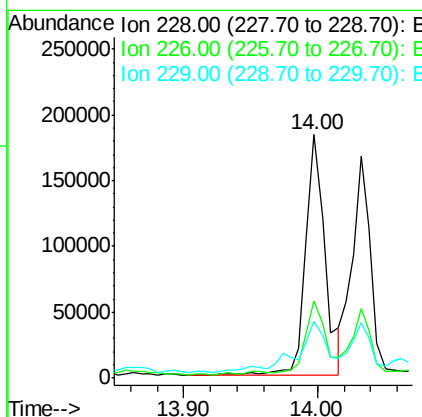
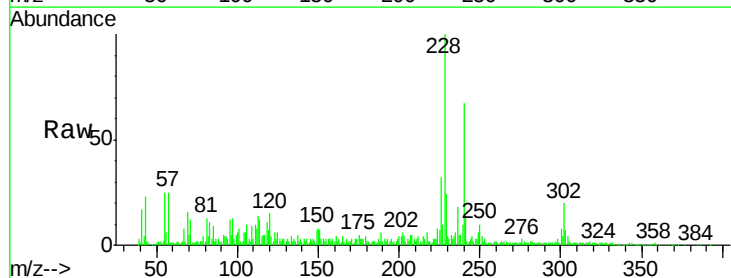
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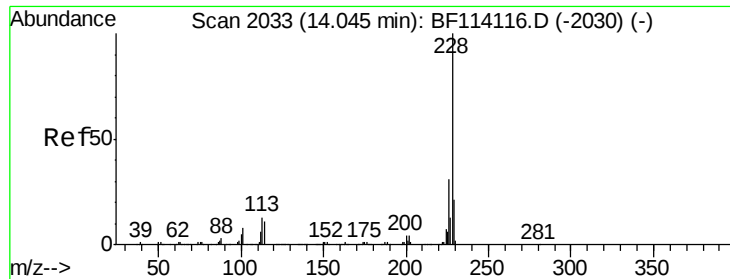
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#81
 Benzo(a)anthracene
 Concen: 4.581 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114140.D
 Acq: 11 May 2019 00:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.5	22.2	33.2
229	23.6	16.4	24.6





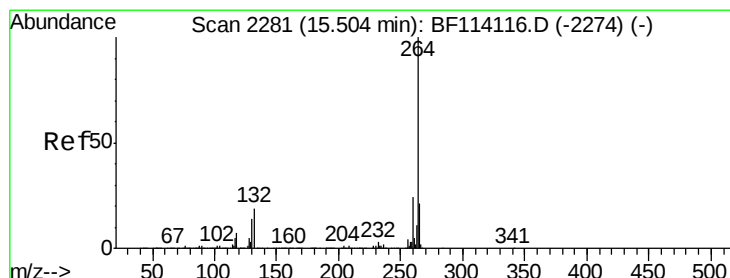
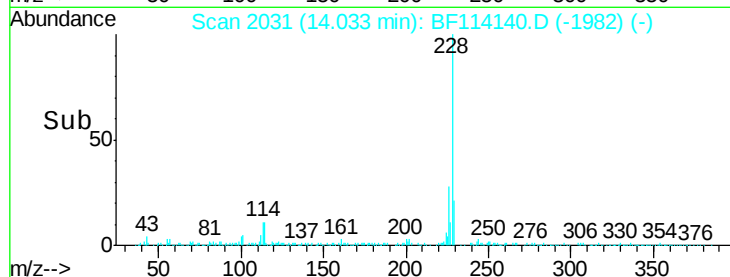
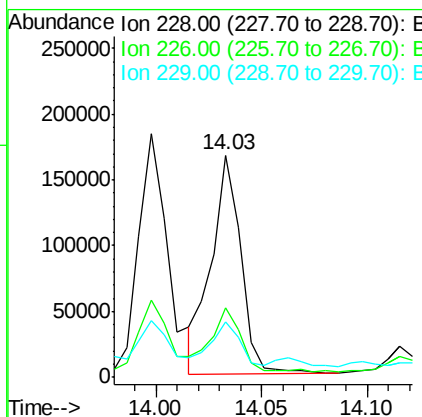
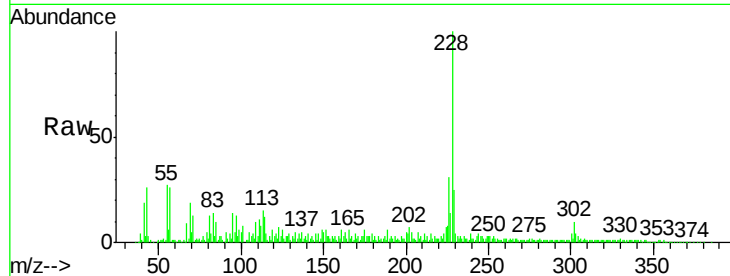
#83
Chrysene
Concen: 4.167 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	163237		
226	31.4	25.0	37.6	
229	25.1	17.0	25.6	

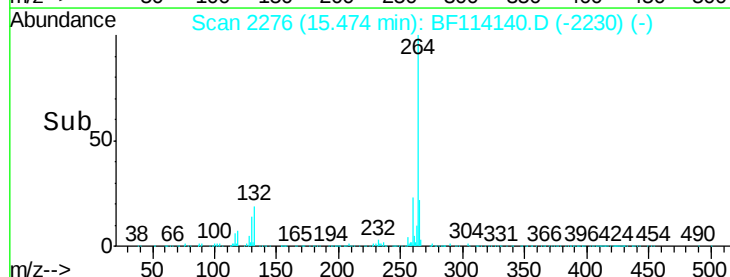
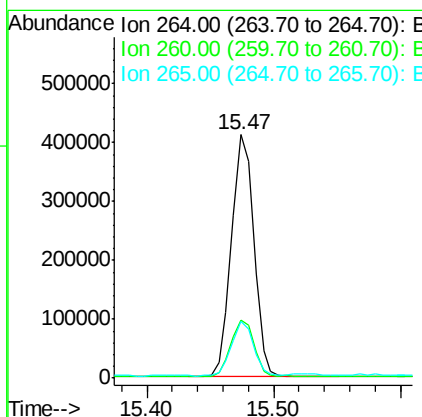
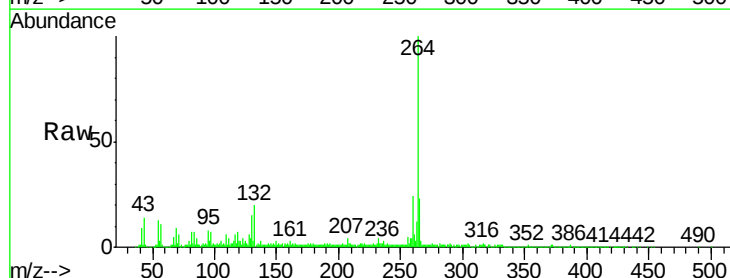
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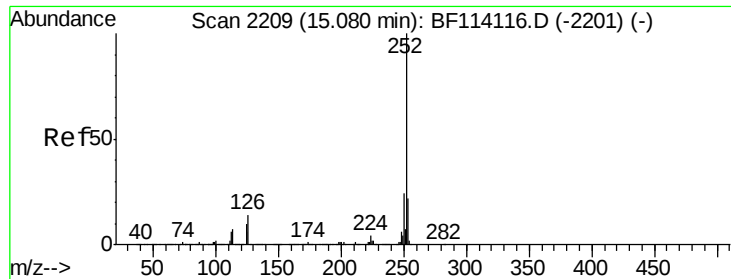
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	505356		
260	24.1	19.4	29.0	
265	23.1	16.9	25.3	





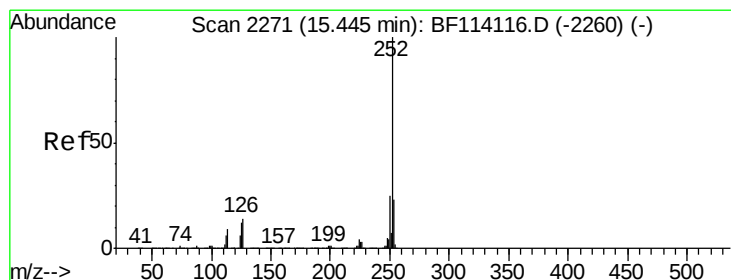
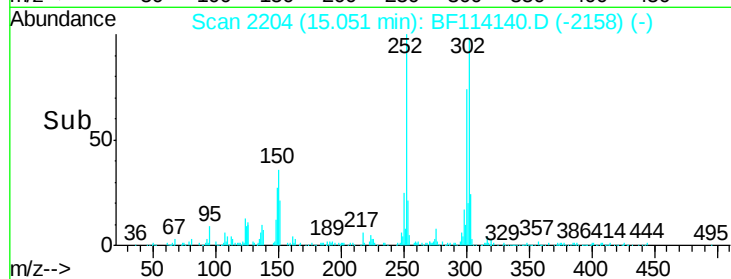
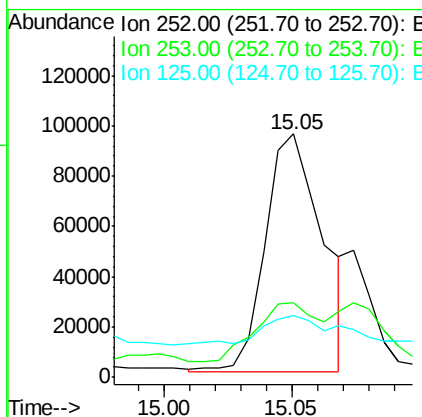
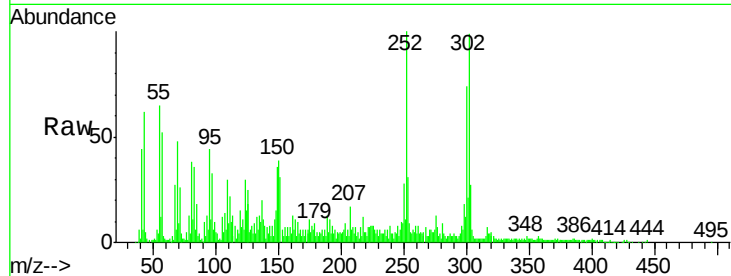
#88
Benzo(b)fluoranthene
Concen: 4.566 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.9	17.8	26.8#
125	25.3	8.3	12.5#

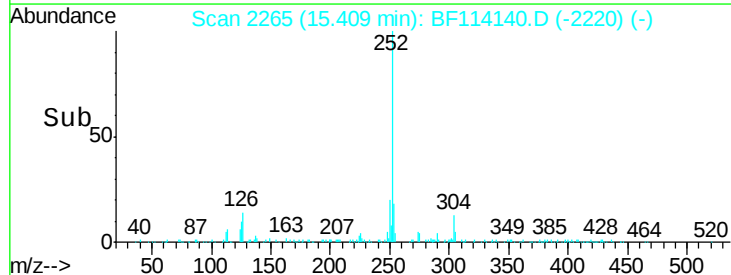
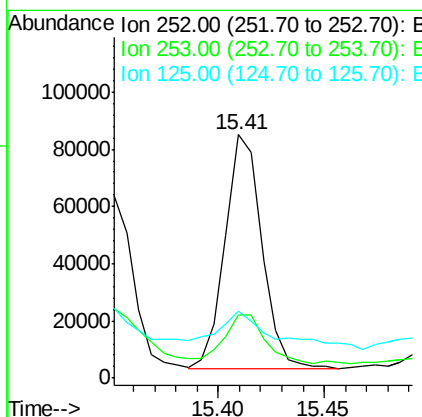
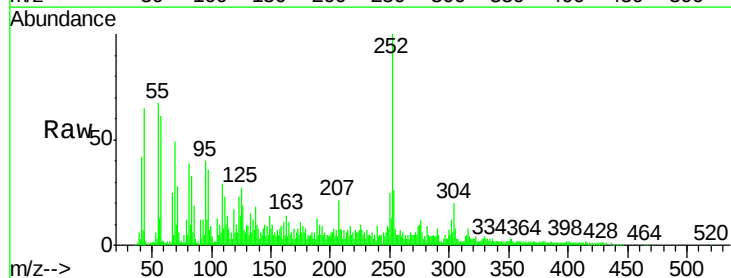
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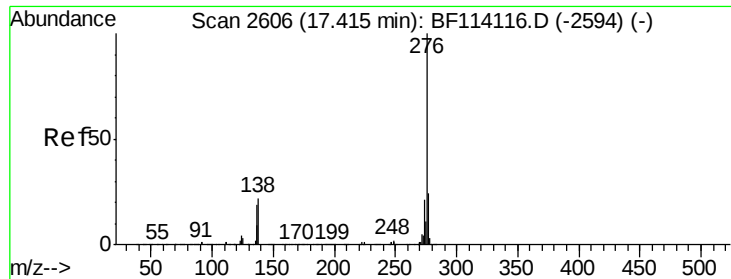
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#90
Benzo(a)pyrene
Concen: 3.464 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.04 min
Lab File: BF114140.D
Acq: 11 May 2019 00:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.1	27.1
125	27.4	9.5	14.3#





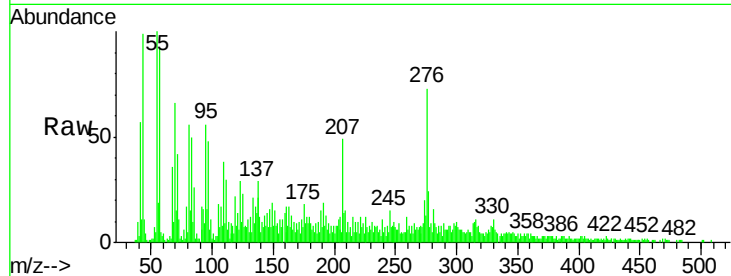
#92
 Benzo(g,h,i)perylene
 Concen: 2.437 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. -0.03 min
 Lab File: BF114140.D
 Acq: 11 May 2019 00:06

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-006-A

Tgt Ion	Ratio	Lower	Upper
276	100		
277	32.8	19.0	28.4#
138	29.2	17.8	26.6#

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

