

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113474.D
 Acq On : 1 Apr 2019 18:50
 Operator : JU/SJ
 Sample : K2184-01 4X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-001

Manual Integrations
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Sohil
 4/2/2019 3:49:32 PM

Quant Time: Apr 02 04:16:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	142814	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	555130	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	248228	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	427488	20.00	ng	0.00
76) Chrysene-d12	13.84	240	380026	20.00	ng	0.00
87) Perylene-d12	15.26	264	265361	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	89131	10.20	ng	0.00
7) Phenol-d6	6.35	99	190717	17.26	ng	0.00
23) Nitrobenzene-d5	7.27	82	105685	11.30	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	14138	4.61	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.79	244	230648	13.38	ng	0.00
Target Compounds						
71) Phenanthrene	11.24	178	121341	5.716	ng	97
75) Fluoranthene	12.42	202	142609	5.942	ng	99
78) Pyrene	12.65	202	133981	5.088	ng	99
81) Benzo(a)anthracene	13.83	228	63572	2.922	ng	# 91
83) Chrysene	13.87	228	65720	2.974	ng	# 95
88) Benzo(b)fluoranthene	14.86	252	54360m	3.298	ng	
90) Benzo(a)pyrene	15.20	252	36616	2.506	ng	# 73

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

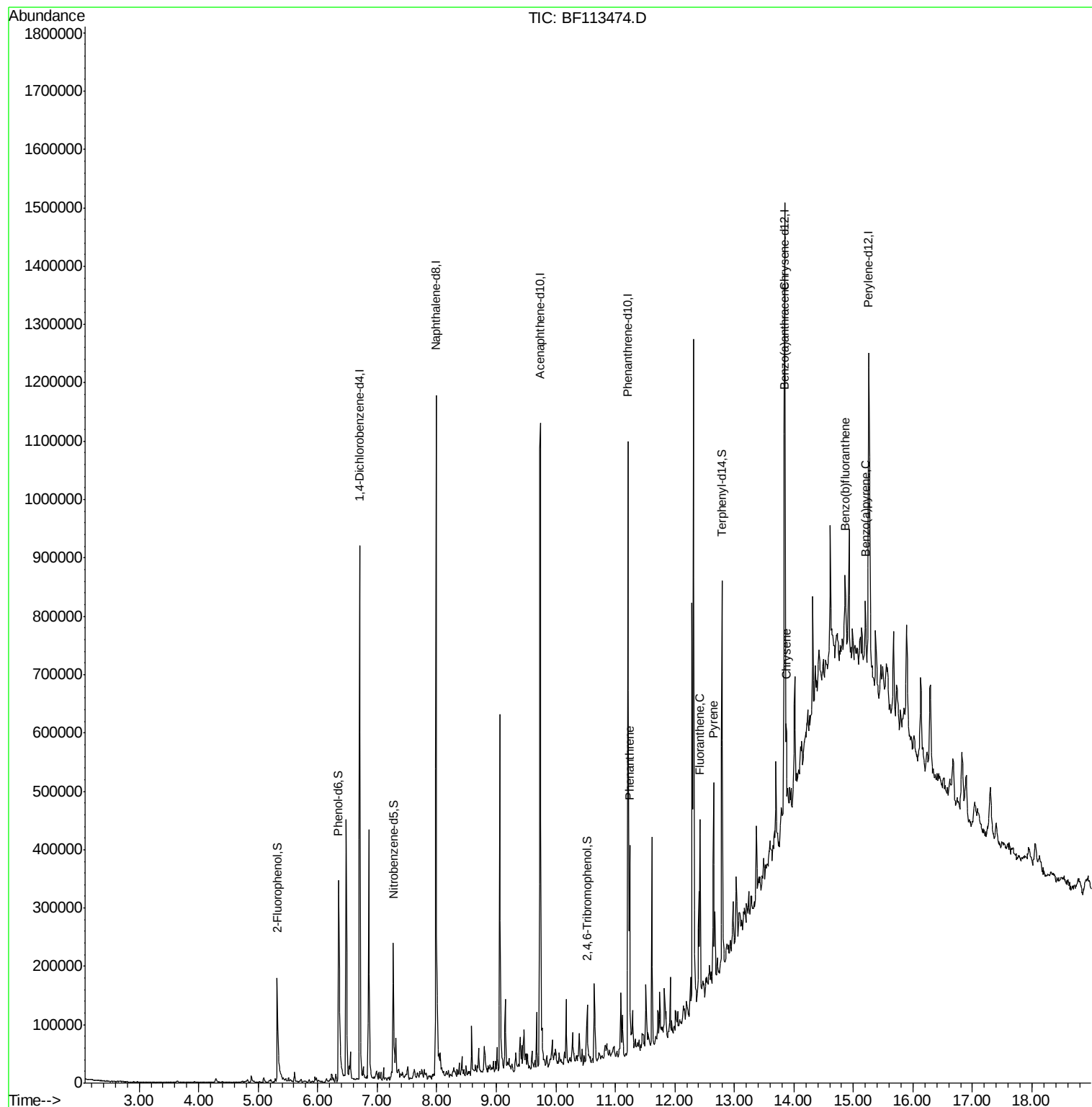
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113474.D
Acq On : 1 Apr 2019 18:50
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#1

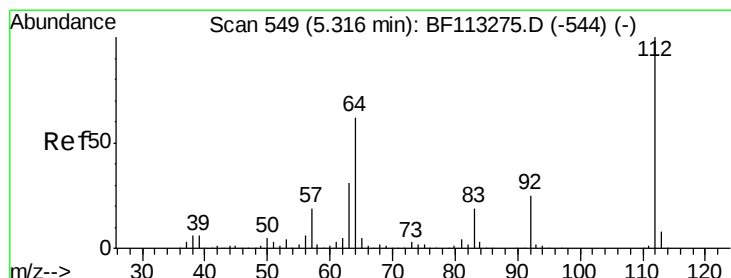
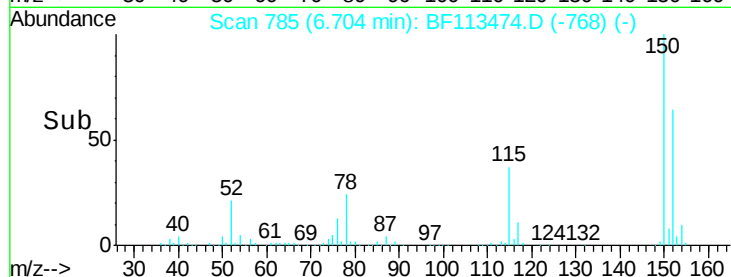
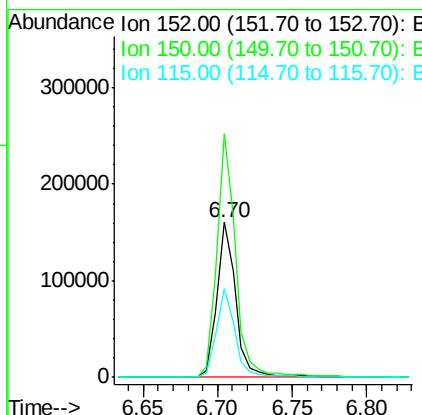
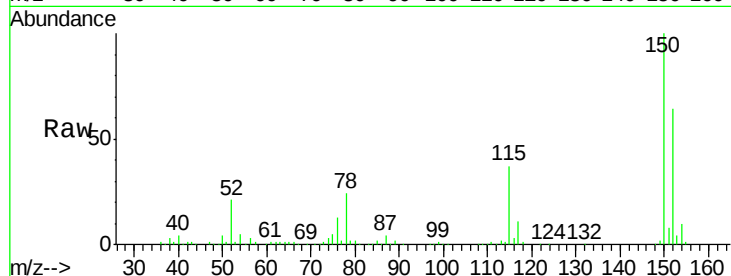
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113474.D
Acq: 1 Apr 2019 18:50

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.7	187.1
115	57.6	46.0	69.0

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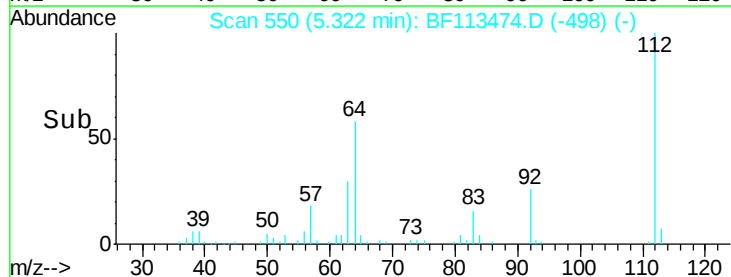
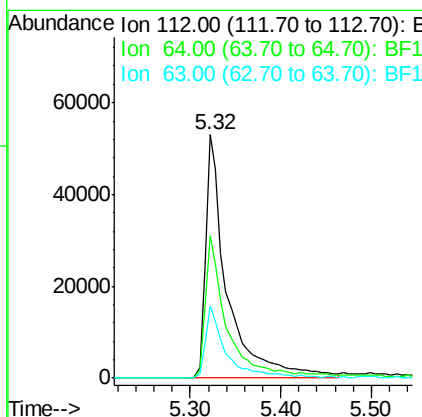
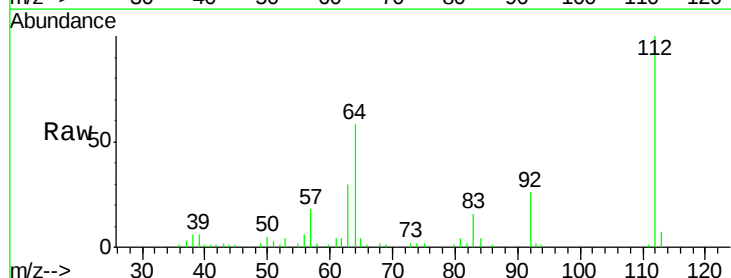
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#5

2-Fluorophenol
Concen: 10.205 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113474.D
Acq: 1 Apr 2019 18:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	49.2	73.8
63	29.7	24.9	37.3





#7

Phenol-d6

Concen: 17.261 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113474.D

Acq: 1 Apr 2019 18:50

Instrument :

BNA_F

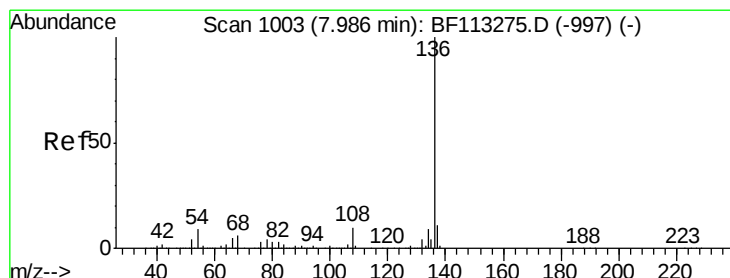
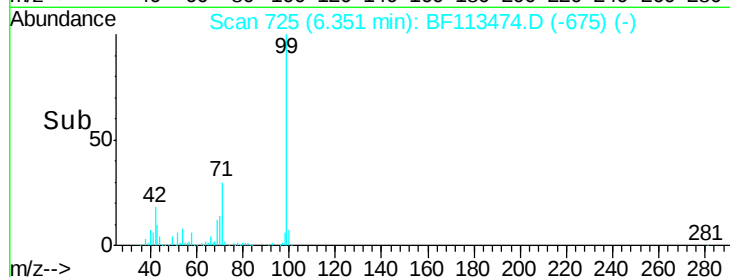
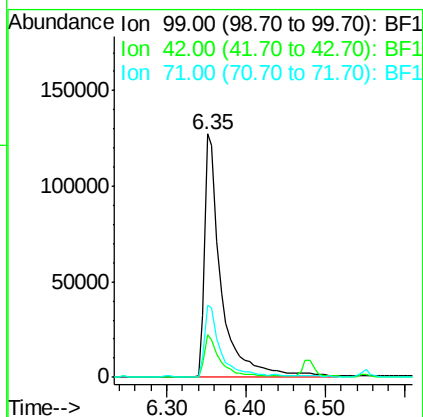
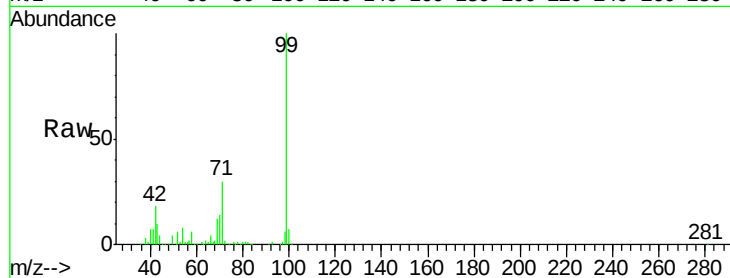
ClientSampleId :

FK-0D015-03-001

Tgt Ion:	99	Resp:	190717
Ion Ratio	Lower	Upper	
99	100		
42	17.7	14.8	22.2
71	29.7	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

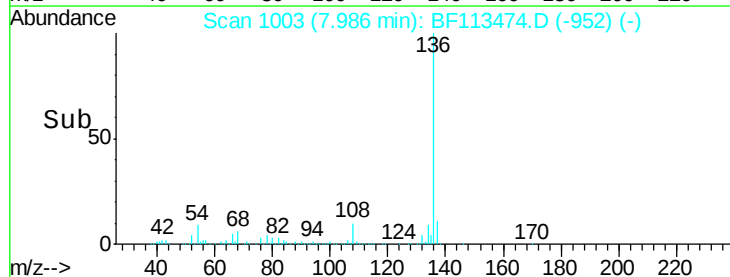
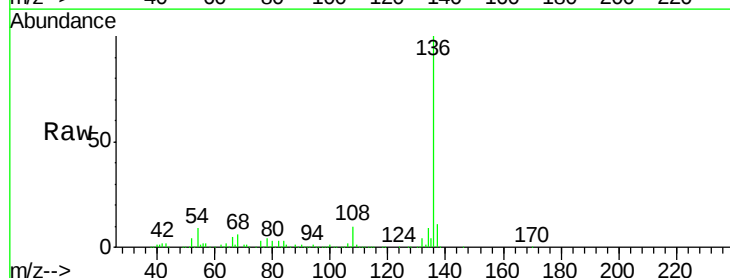
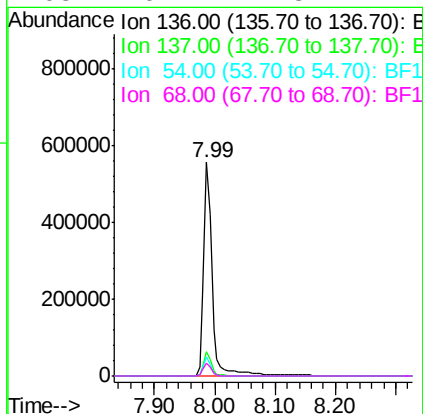
RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113474.D

Acq: 1 Apr 2019 18:50

Tgt Ion:	136	Resp:	555130
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.9	7.0	10.6
68	6.2	4.8	7.2





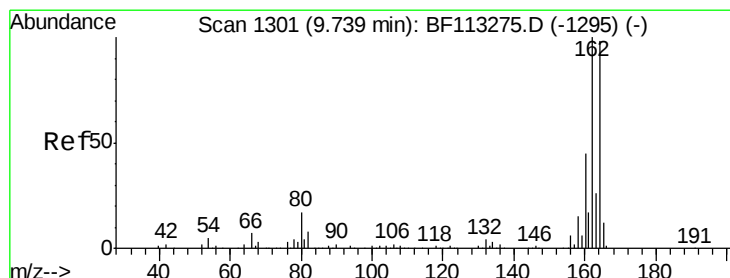
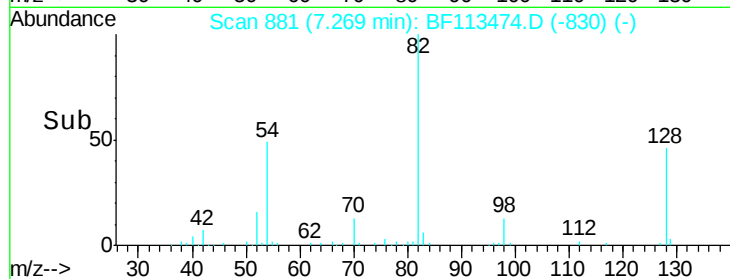
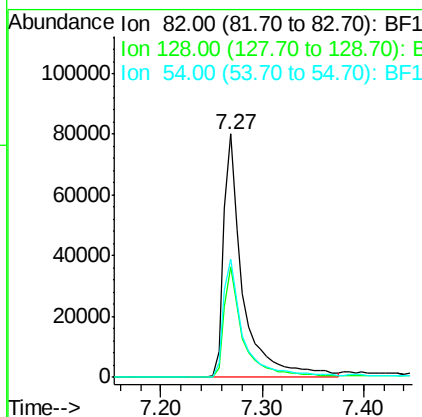
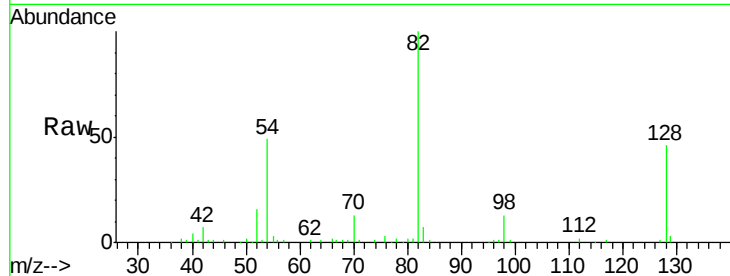
#23
 Nitrobenzene-d5
 Concen: 11.300 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113474.D
 Acq: 1 Apr 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-001

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.5	54.7
54	48.6	42.2	63.2

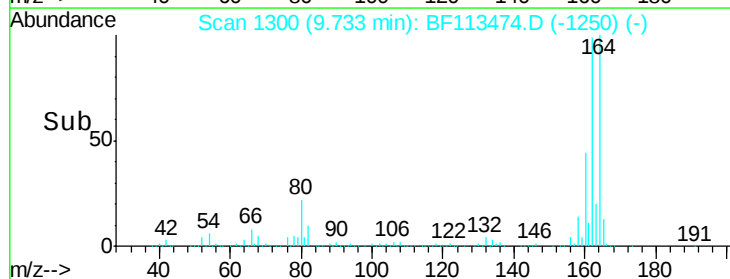
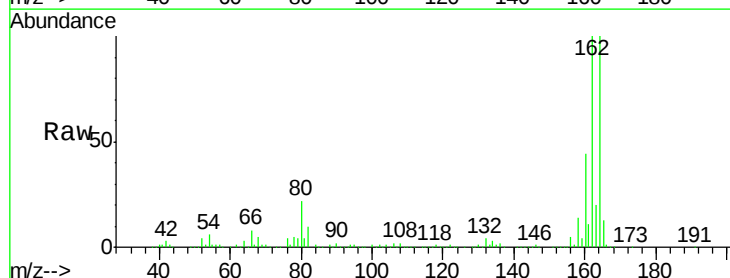
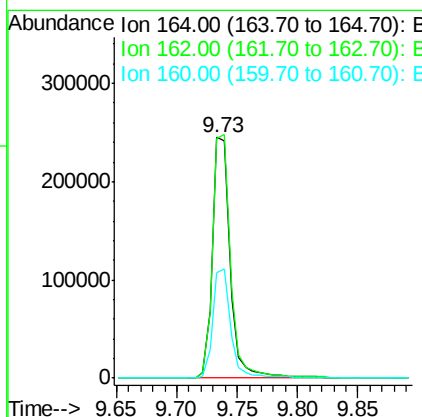
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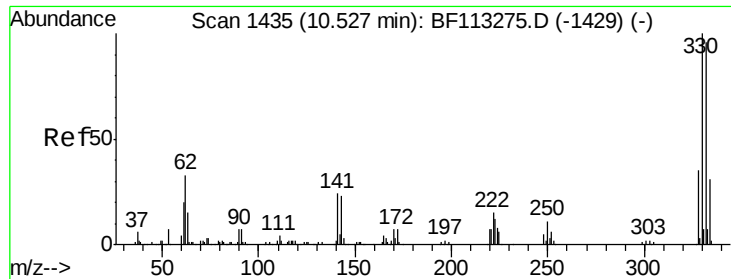
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113474.D
 Acq: 1 Apr 2019 18:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.8	122.6
160	43.8	36.4	54.6





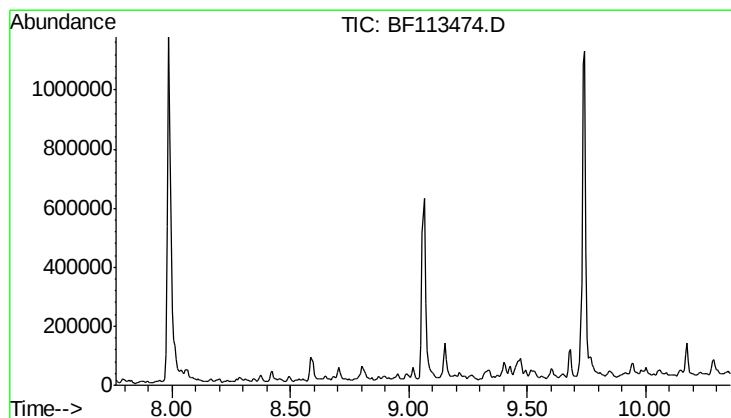
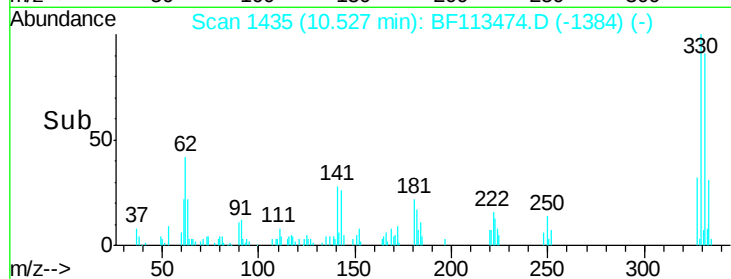
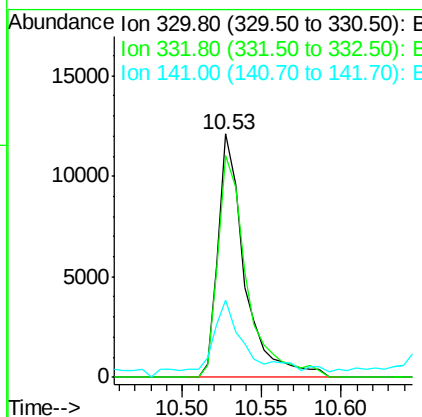
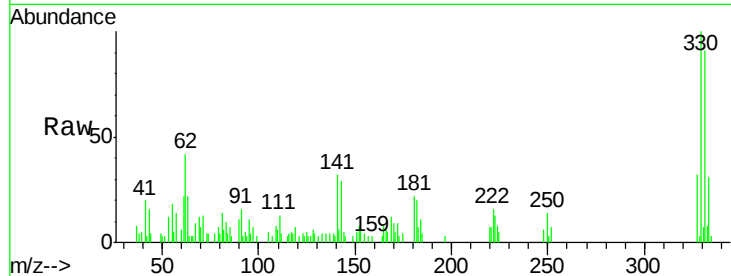
#42
 2,4,6-Tribromophenol
 Concen: 4.611 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113474.D
 Acq: 1 Apr 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-001

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.8	116.6
141	33.5	22.7	34.1

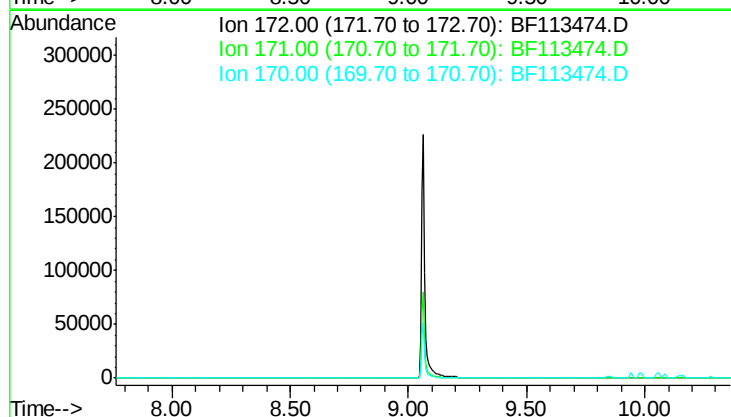
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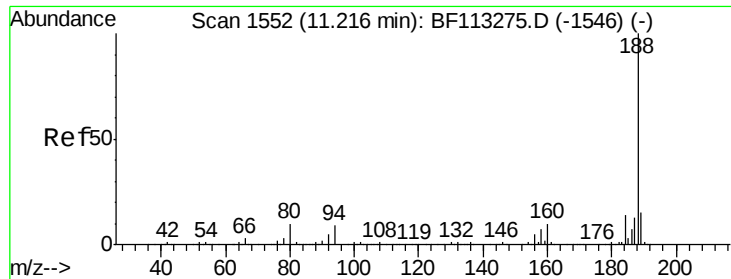
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#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.06 min
 Lab File: BF113474.D
 Acq: 1 Apr 2019 18:50

Tgt Ion	Sig	Exp Ratio
172	100	
171	36.3	
170	24.4	





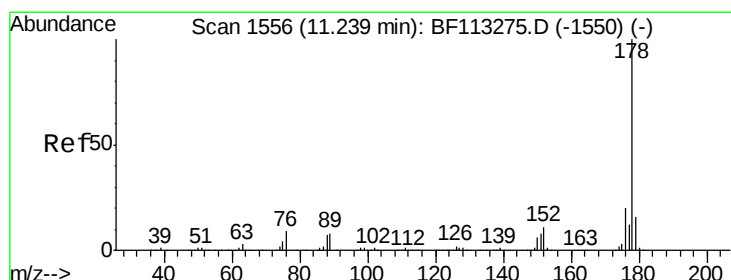
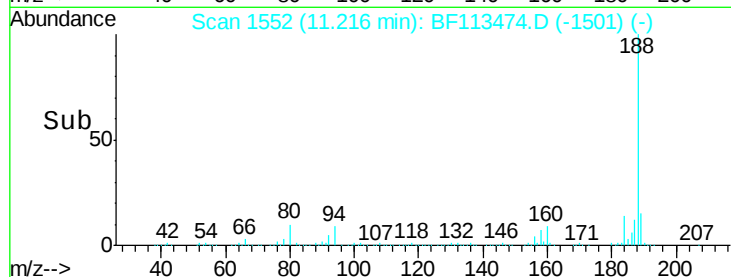
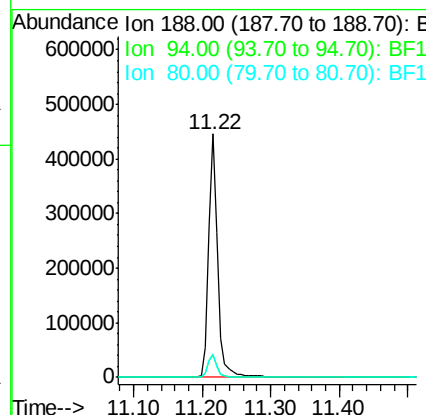
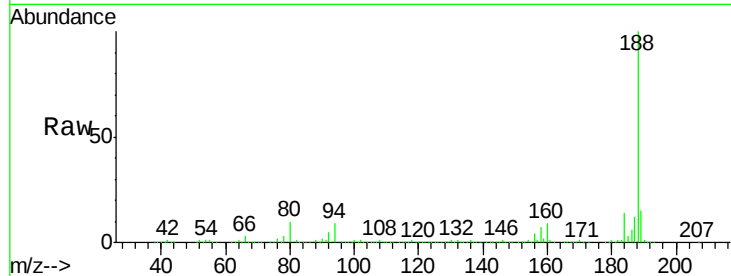
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF113474.D
 Acq: 1 Apr 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-001

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	427488		
94	9.2	7.0	10.6	
80	9.7	7.7	11.5	

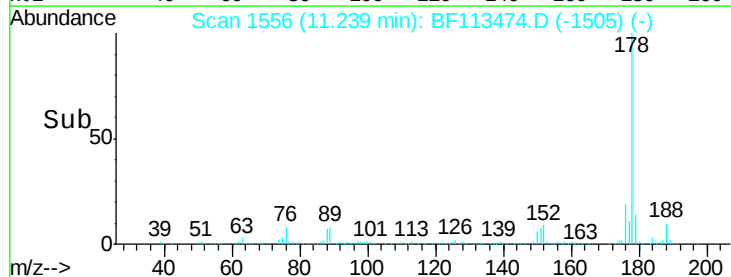
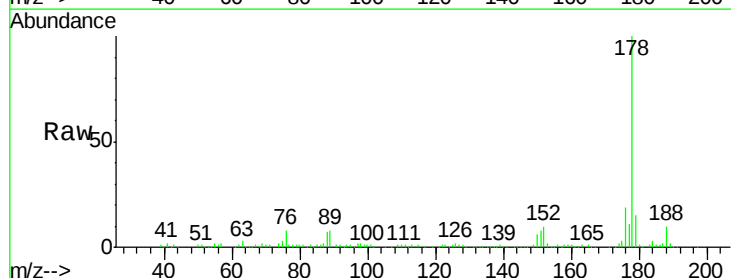
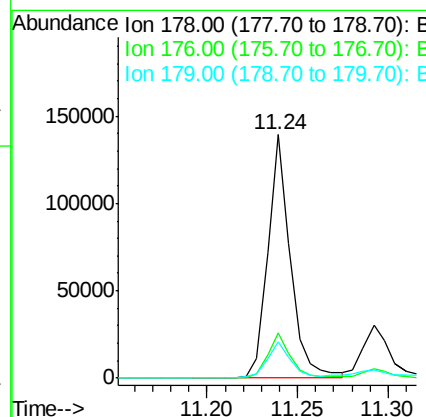
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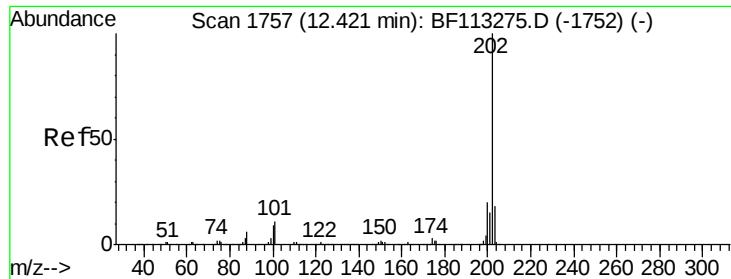
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#71
 Phenanthrene
 Concen: 5.716 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF113474.D
 Acq: 1 Apr 2019 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	121341		
176	18.8	16.2	24.2	
179	14.8	12.7	19.1	





#75

Fluoranthene

Concen: 5.942 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF113474.D

Acq: 1 Apr 2019 18:50

Instrument :

BNA_F

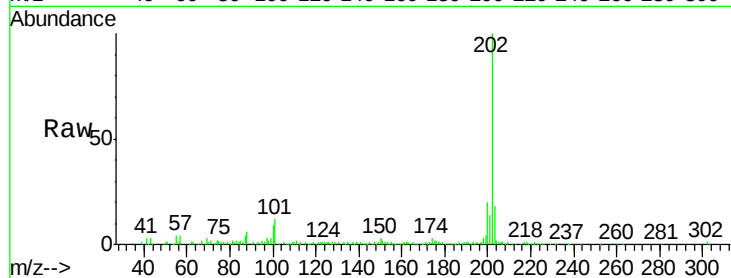
ClientSampleId :

FK-0D015-03-001

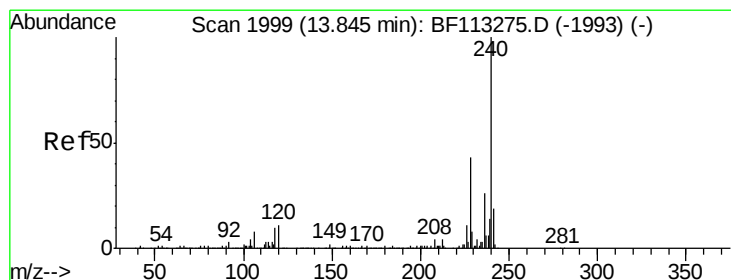
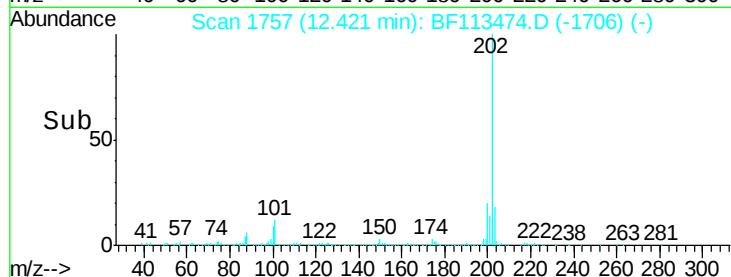
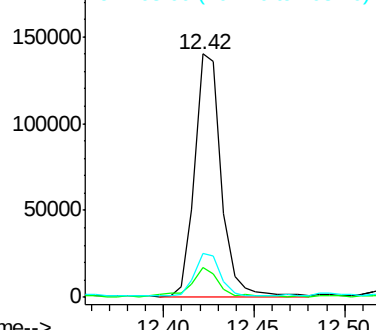
Tgt	Ion	202	Resp:	142609
Ion	Ratio	Lower	Upper	
202	100			
101	12.1	0.0	31.4	
203	18.0	0.0	38.0	

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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

RT: 13.84 min Scan# 1999

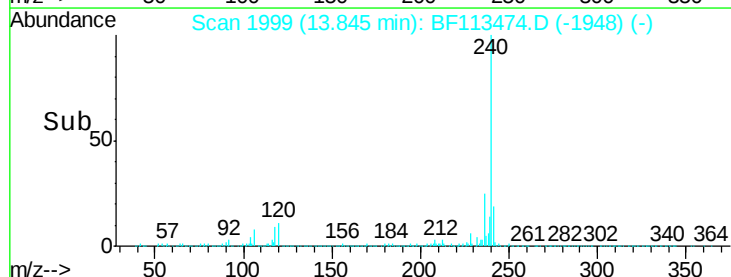
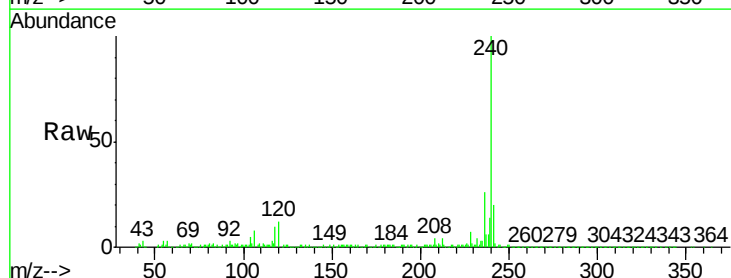
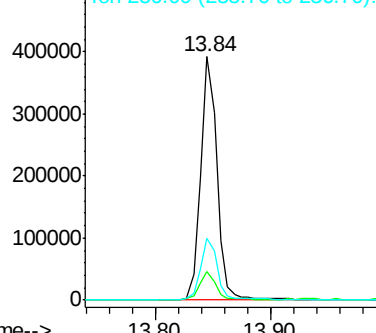
Delta R.T. 0.00 min

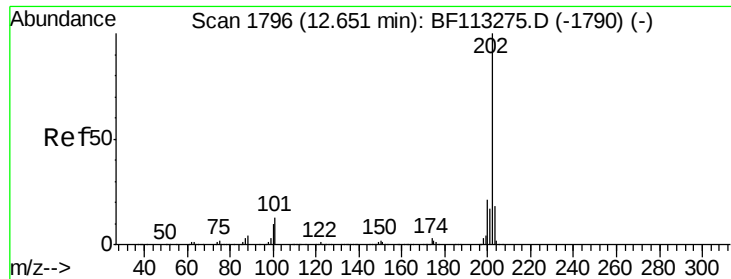
Lab File: BF113474.D

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Tgt	Ion	240	Resp:	380026
Ion	Ratio	Lower	Upper	
240	100			
120	11.5	8.8	13.2	
236	25.5	20.9	31.3	

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: 5.088 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF113474.D

Acq: 1 Apr 2019 18:50

Instrument :

BNA_F

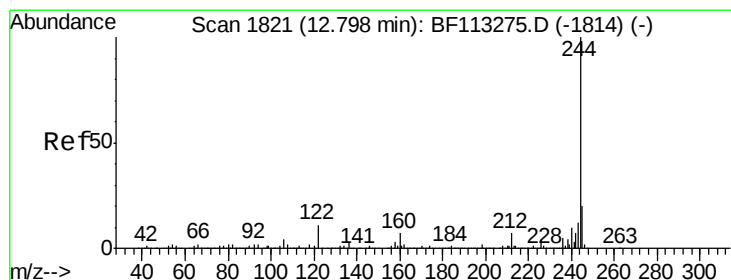
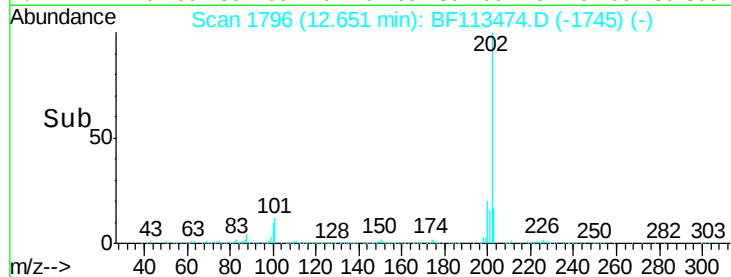
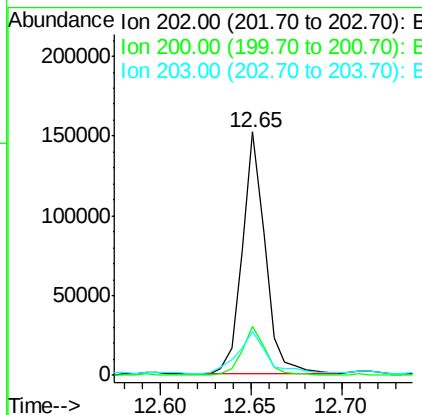
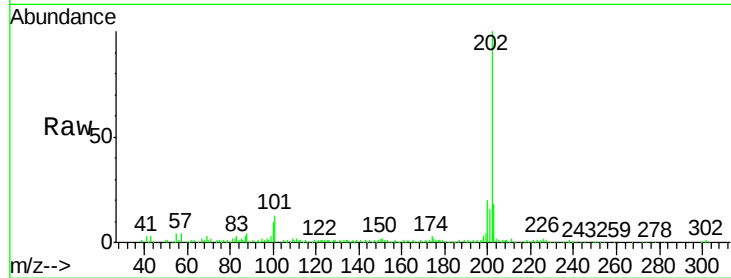
ClientSampleId :

FK-0D015-03-001

Tgt Ion:	202	Resp:	133981
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.8	25.2
203	18.0	14.4	21.6

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#79

Terphenyl-d14

Concen: 13.378 ng

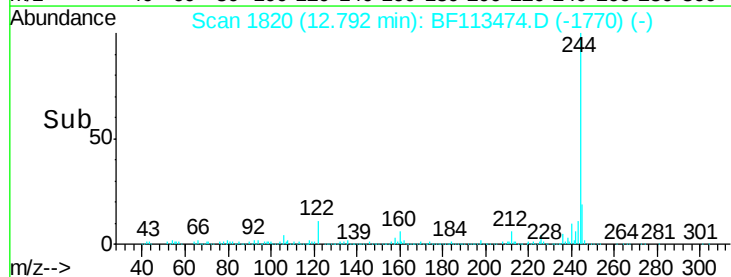
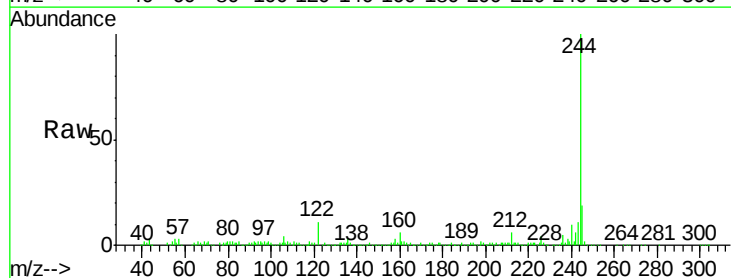
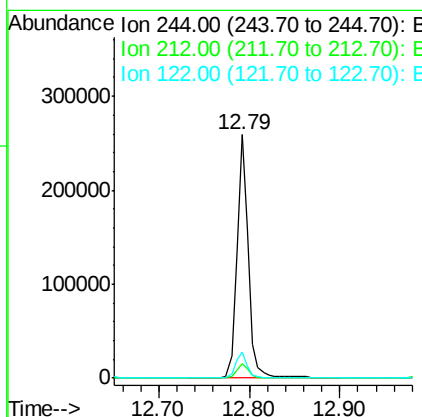
RT: 12.79 min Scan# 1820

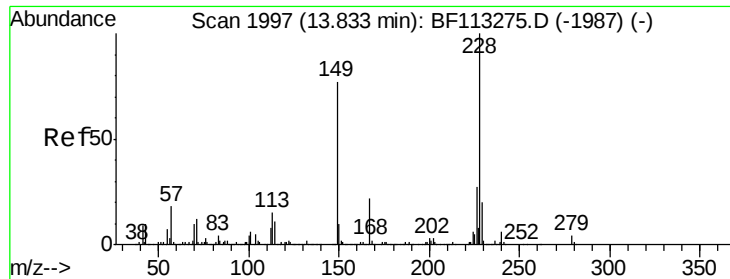
Delta R.T. -0.00 min

Lab File: BF113474.D

Acq: 1 Apr 2019 18:50

Tgt Ion:	244	Resp:	230648
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.5	8.3
122	10.7	8.6	13.0





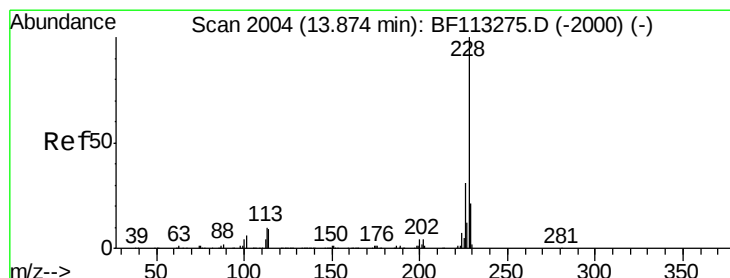
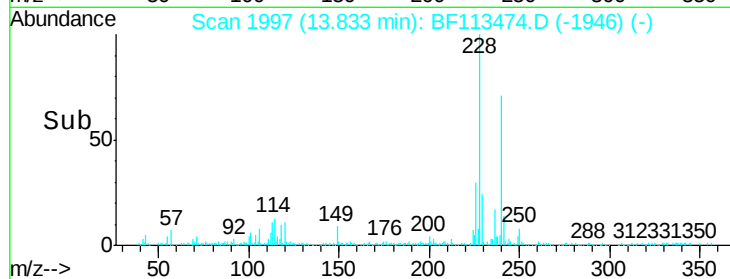
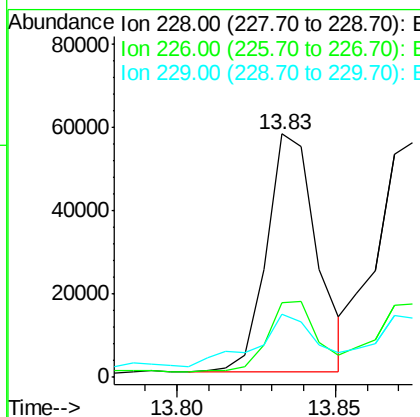
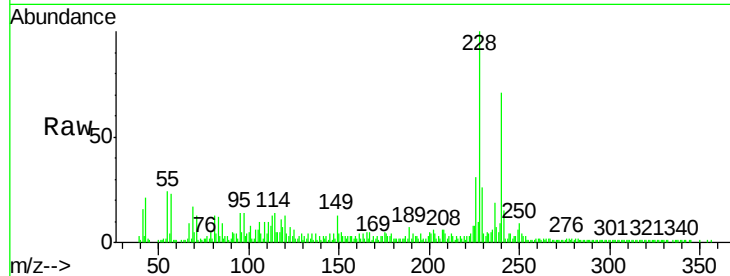
#81
Benzo(a)anthracene
Concen: 2.922 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF113474.D
Acq: 1 Apr 2019 18:50

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.8	32.8
229	25.8	16.2	24.4

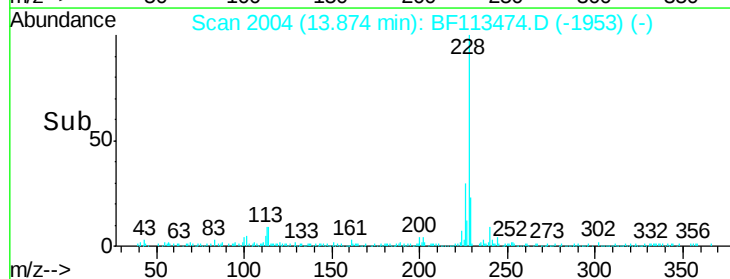
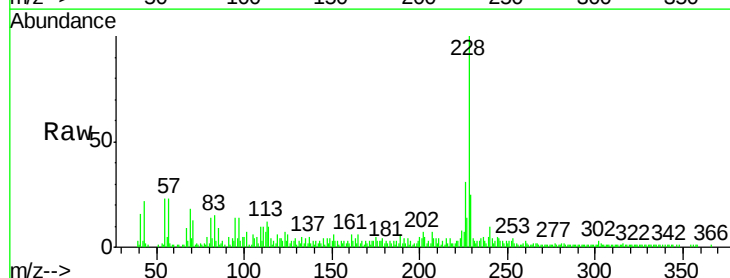
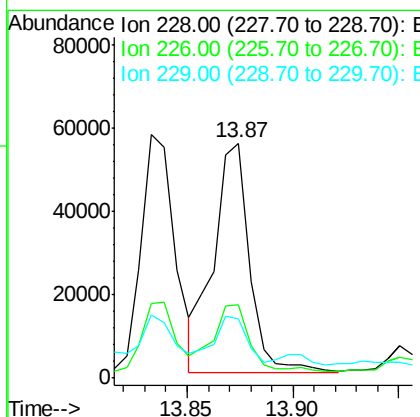
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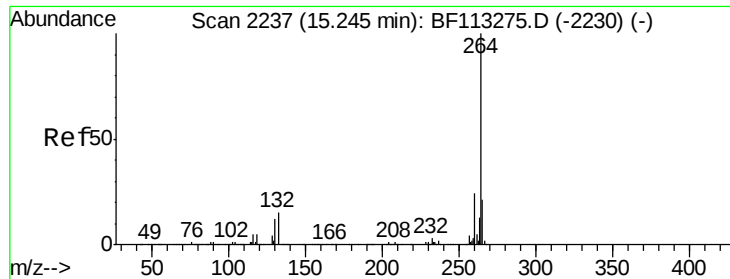
Sohil
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#83
Chrysene
Concen: 2.974 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF113474.D
Acq: 1 Apr 2019 18:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	25.2	16.3	24.5





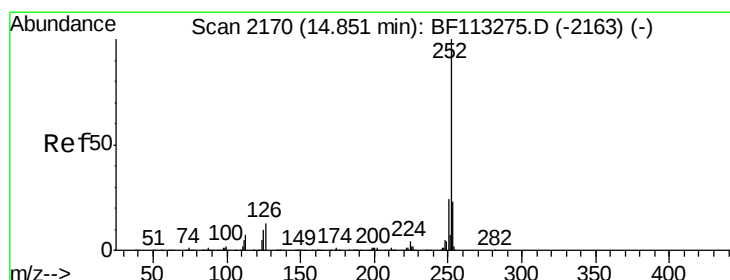
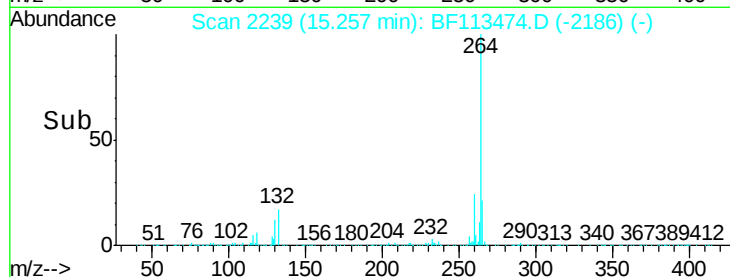
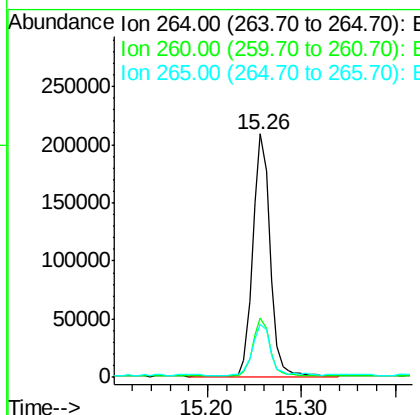
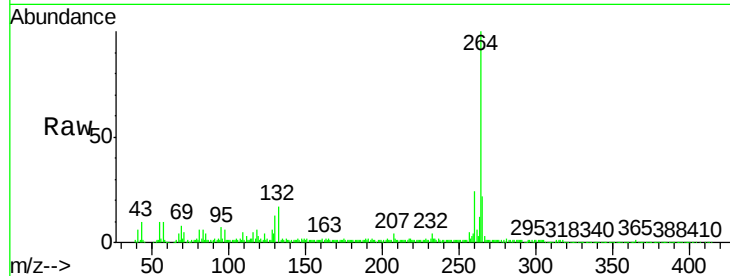
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113474.D
Acq: 1 Apr 2019 18:50

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	265361		
260	24.5	19.1	28.7	
265	21.6	17.1	25.7	

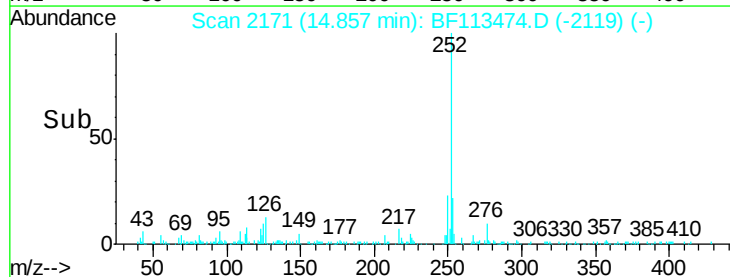
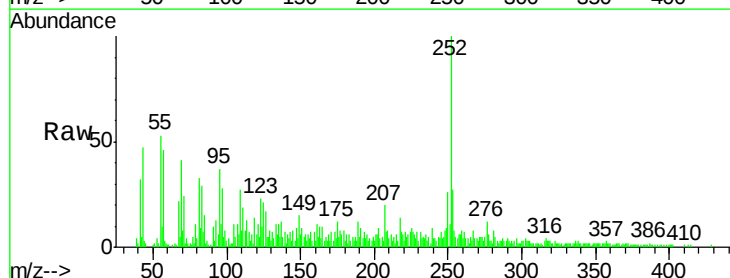
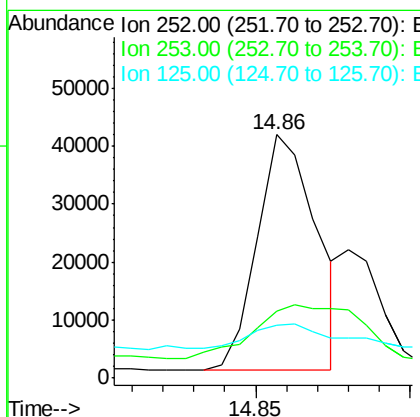
Manual Integrations
APPROVED

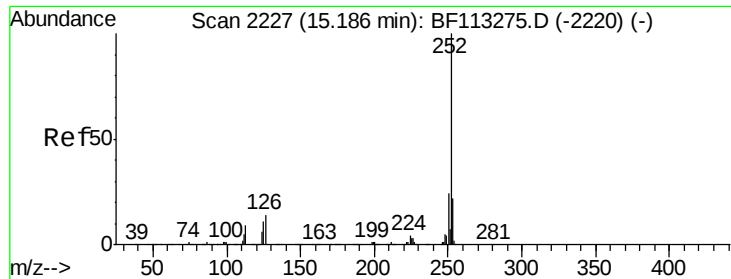
Sohil
4/2/2019 3:49:32 PM



#88
Benzo(b)fluoranthene
Concen: 3.298 ng m
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF113474.D
Acq: 1 Apr 2019 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	54360		
253	27.5	18.0	27.0#	
125	21.5	7.6	11.4#	





#90
 Benzo(a)pyrene
 Concen: 2.506 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. 0.01 min
 Lab File: BF113474.D
 Acq: 1 Apr 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-001

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.0	17.9	26.9#
125	28.5	8.8	13.2#

Manual Integrations
 APPROVED

Sohil
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