

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114748.D
 Acq On : 1 Jun 2019 11:20
 Operator : HP/JU
 Sample : K3109-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-006

Manual Integrations
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Quant Time: Jun 03 02:40:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	467264	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1739594	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	866353	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1622792	20.00	ng	0.00
76) Chrysene-d12	13.82	240	928743	20.00	ng	0.00
87) Perylene-d12	15.21	264	997882	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	37457	1.41	ng	0.00
7) Phenol-d6	6.32	99	829352	25.86	ng	-0.01
23) Nitrobenzene-d5	7.25	82	1884989	67.60	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	502	0.06	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3262754	67.44	ng	0.00
79) Terphenyl-d14	12.78	244	3166551	64.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.44	163	584995	9.690	ng	99
71) Phenanthrene	11.22	178	509364	6.153	ng	95
75) Fluoranthene	12.40	202	508992	5.938	ng	96
78) Pyrene	12.62	202	447396	5.695	ng	97
81) Benzo(a)anthracene	13.80	228	167153	2.342	ng	98
83) Chrysene	13.84	228	170406	2.499	ng	95
88) Benzo(b)fluoranthene	14.82	252	183469m	2.919	ng	
90) Benzo(a)pyrene	15.15	252	117555	2.129	ng	# 55

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

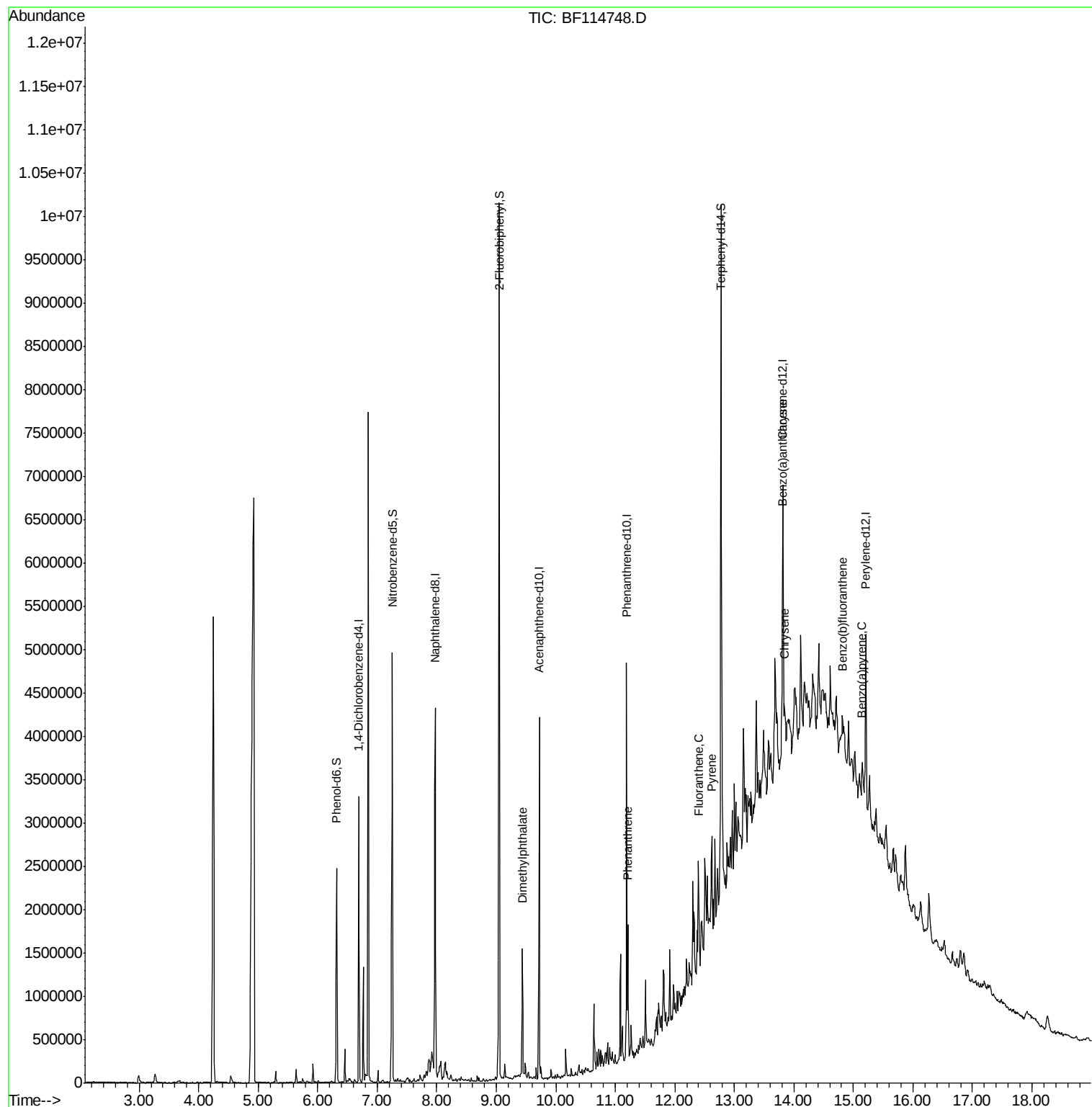
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114748.D
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Operator : HP/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

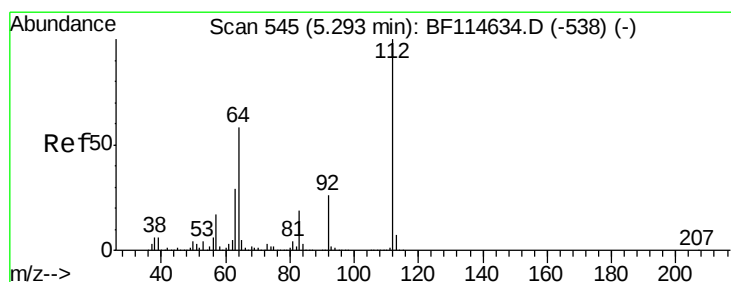
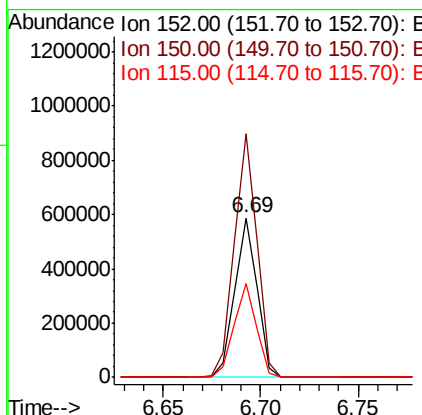
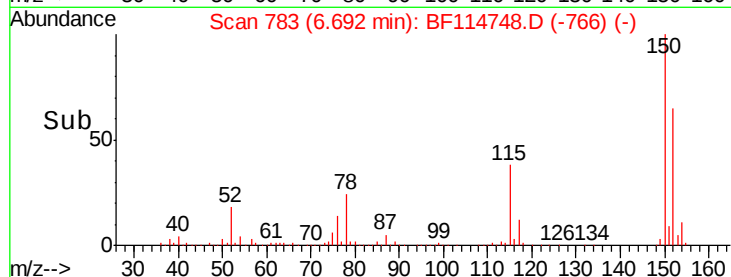
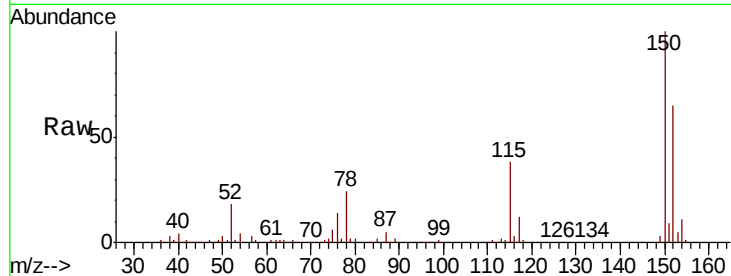
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114748.D
Acq: 1 Jun 2019 11:20

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.4	186.6
115	58.8	48.7	73.1

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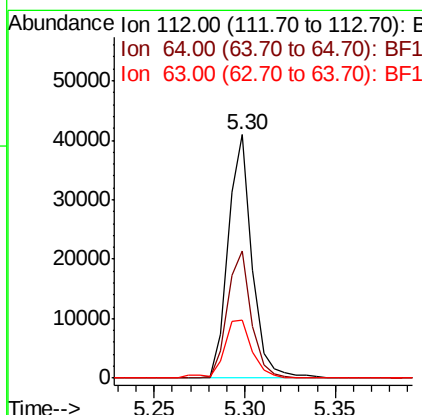
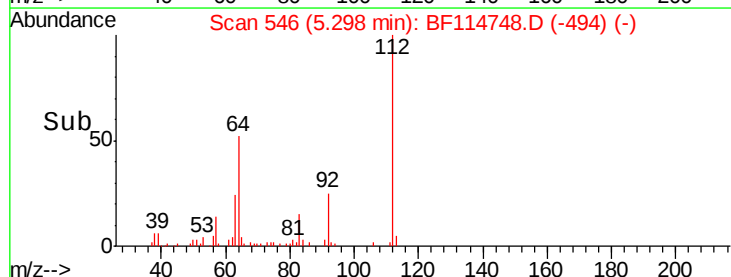
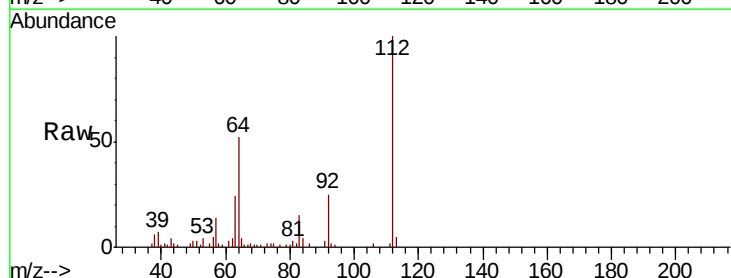
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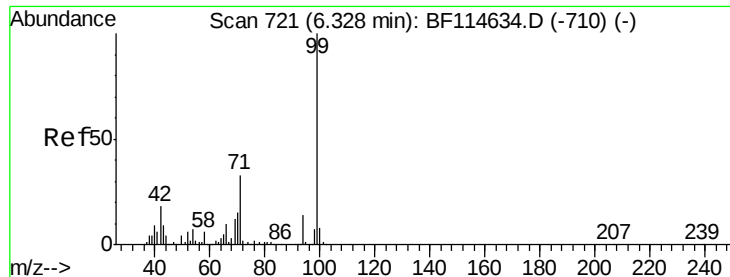


#5

2-Fluorophenol
Concen: 1.407 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF114748.D
Acq: 1 Jun 2019 11:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.1	69.1
63	23.6	23.4	35.2





#7

Phenol-d6

Concen: 25.860 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114748.D

Acq: 1 Jun 2019 11:20

Instrument :

BNA_F

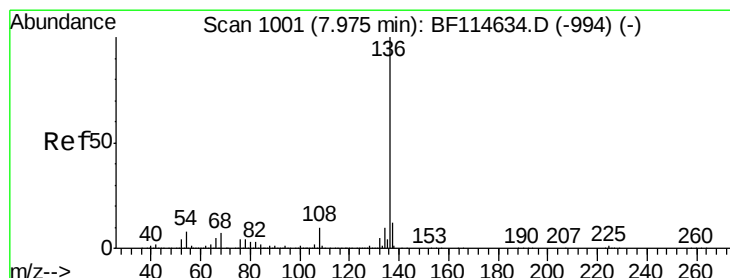
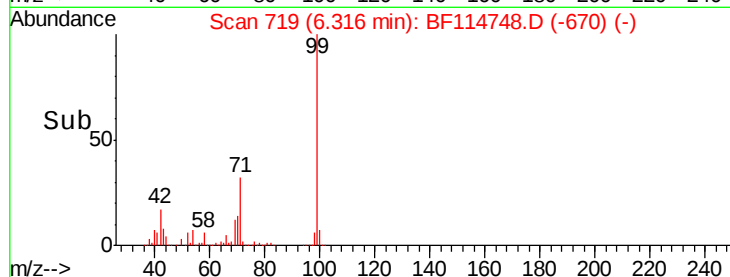
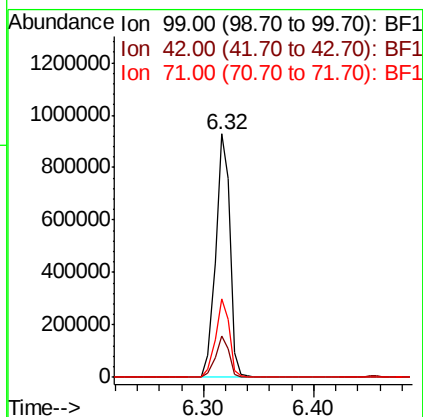
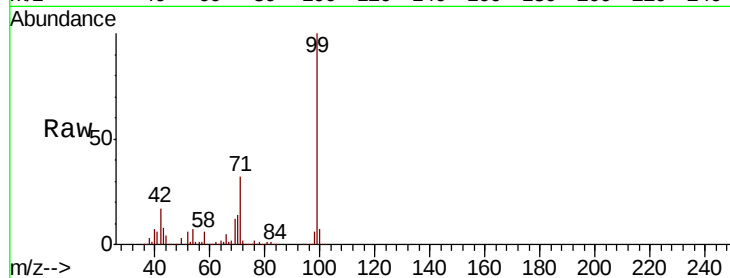
ClientSampleId :

FK-0D015-03-006

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		829352		
42	17.0	14.7	22.1		
71	32.3	26.6	40.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

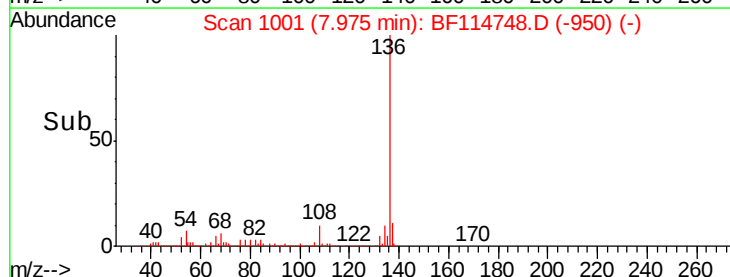
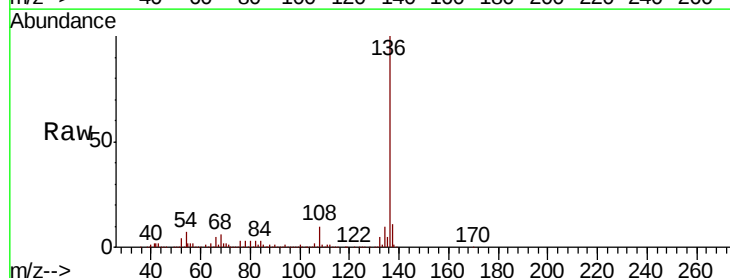
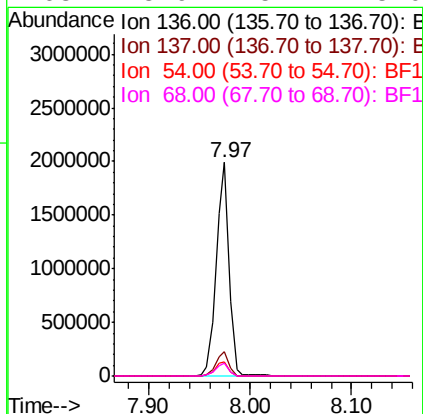
RT: 7.97 min Scan# 1001

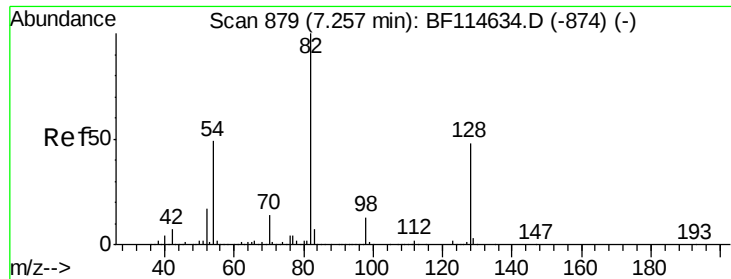
Delta R.T. 0.00 min

Lab File: BF114748.D

Acq: 1 Jun 2019 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1739594		
137	11.4	9.3	13.9		
54	6.8	6.3	9.5		
68	5.9	5.4	8.0		





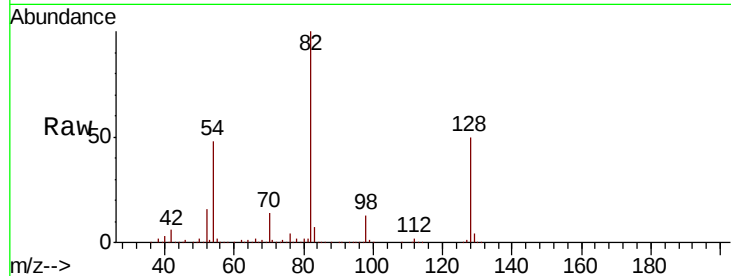
#23
Nitrobenzene-d5
Concen: 67.604 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114748.D
Acq: 1 Jun 2019 11:20

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006

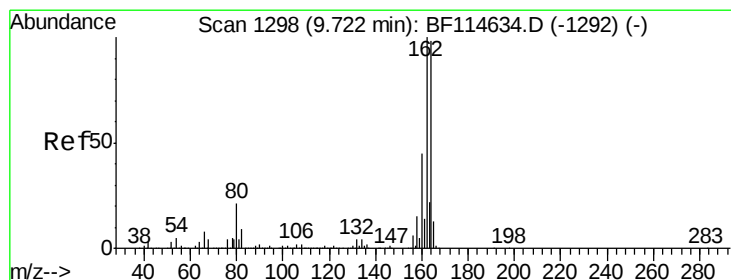
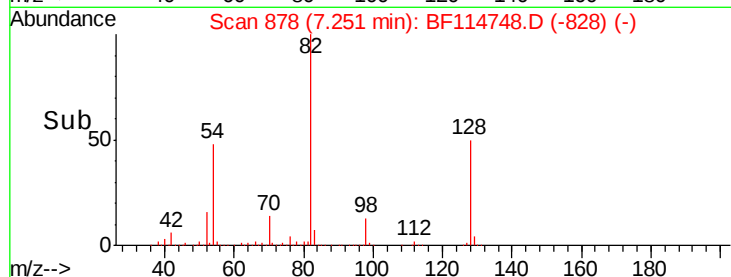
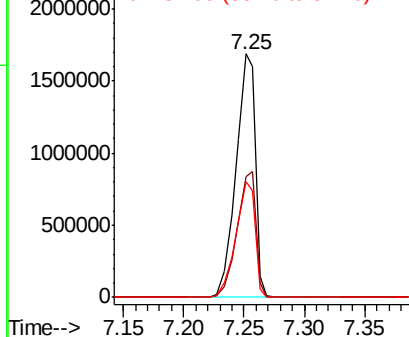
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.5	38.5	57.7
54	47.7	39.1	58.7

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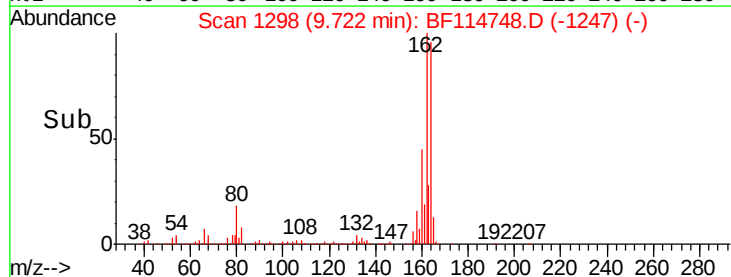
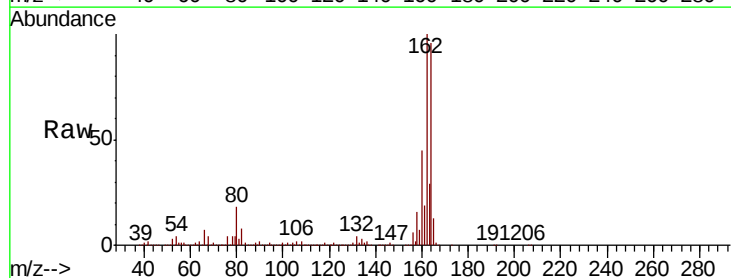
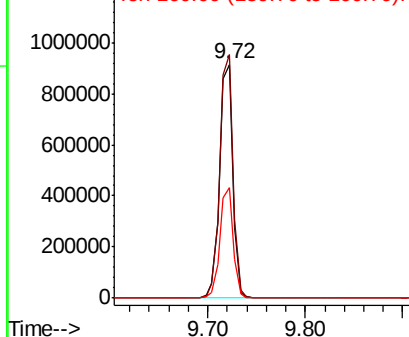
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

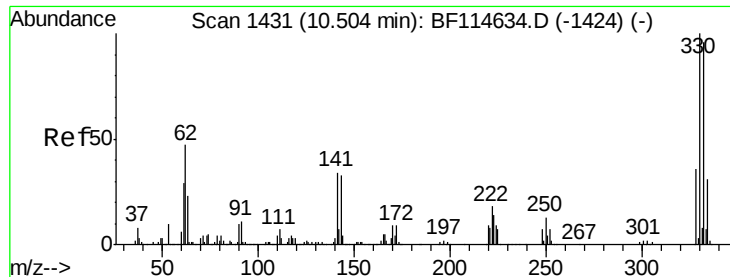


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114748.D
Acq: 1 Jun 2019 11:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.4	122.2
160	47.4	36.6	54.8

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





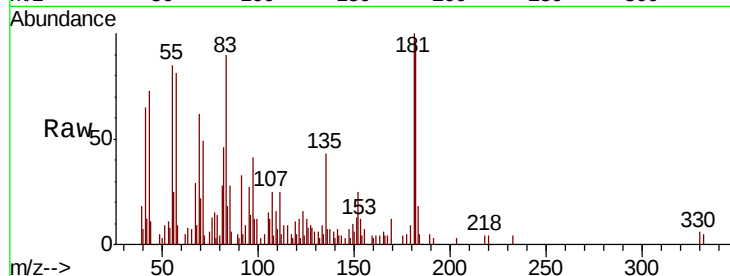
#42
 2,4,6-Tribromophenol
 Concen: 0.061 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF114748.D
 Acq: 1 Jun 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-006

Tot Ion	Ratio	Lower	Upper
330	100		
332	61.0	75.8	113.8#
141	196.0	27.8	41.8#

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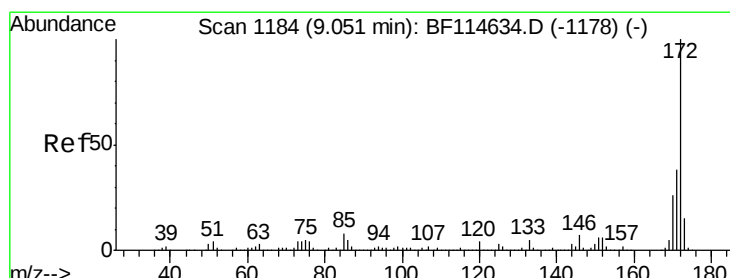
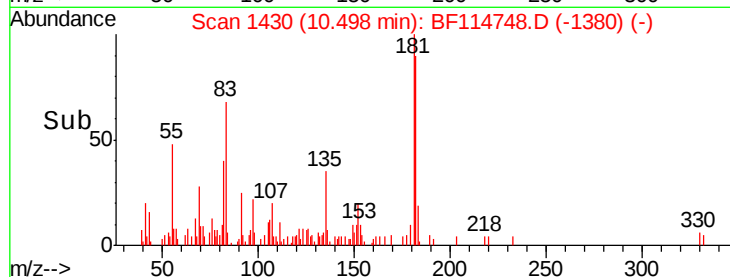
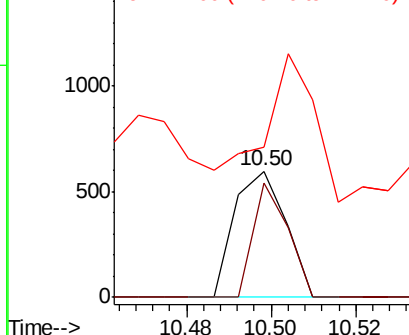


Abundance

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: 67.439 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114748.D
 Acq: 1 Jun 2019 11:20

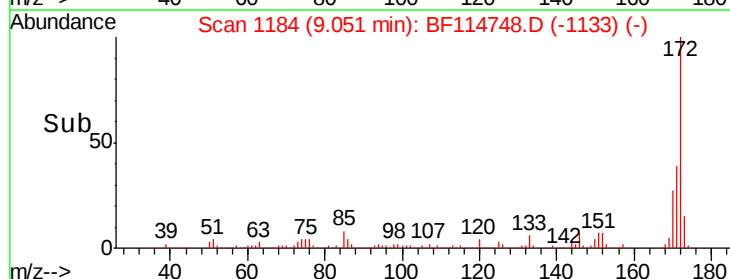
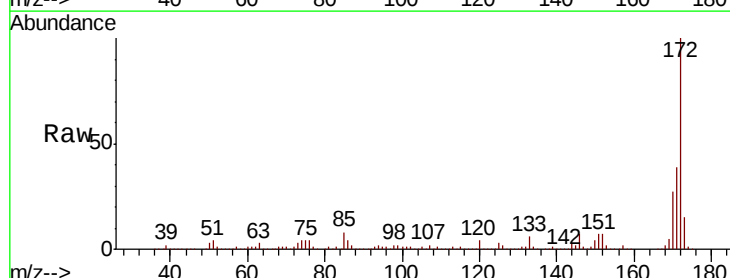
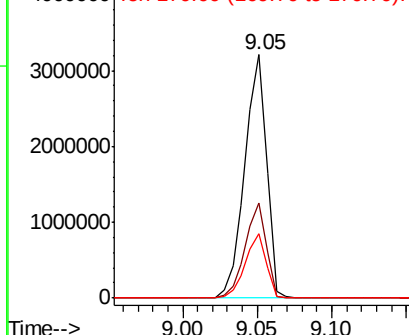
Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.6	45.8
170	26.7	20.7	31.1

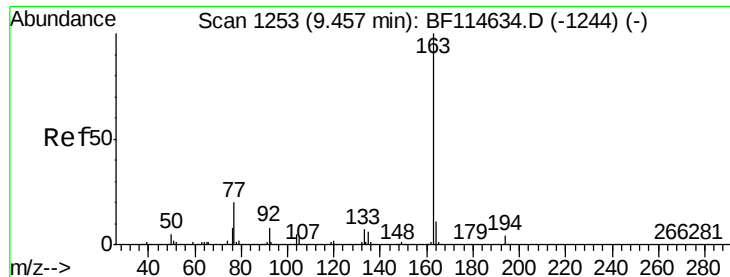
Abundance

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: 9.690 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114748.D

Acq: 1 Jun 2019 11:20

Instrument :

BNA_F

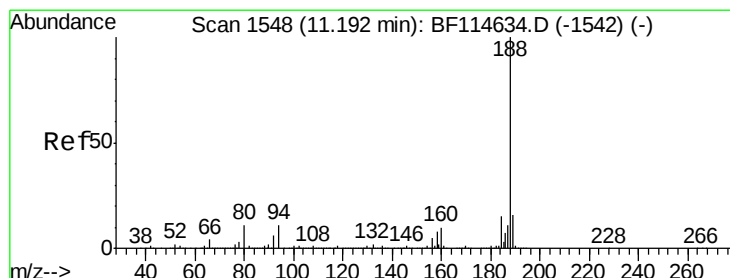
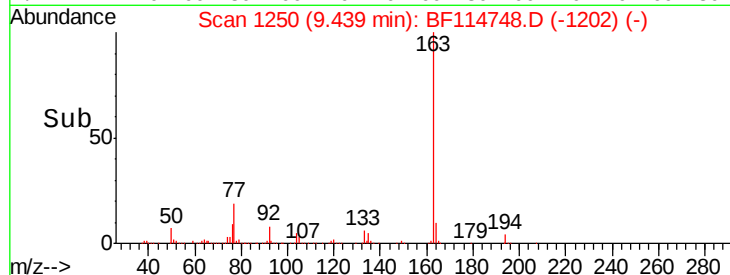
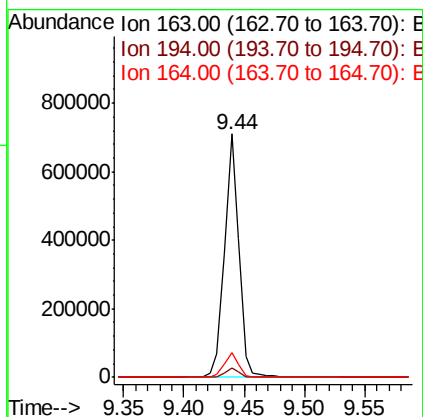
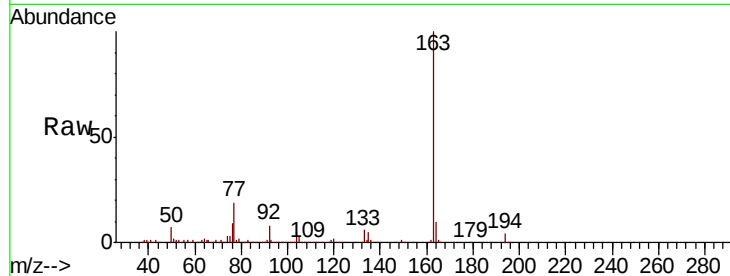
ClientSampleId :

FK-0D015-03-006

Tot Ion:	163	Resp:	584995
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.4	5.0
164	10.2	8.6	13.0

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#64

Phenanthrene-d10

Concen: 20.000 ng

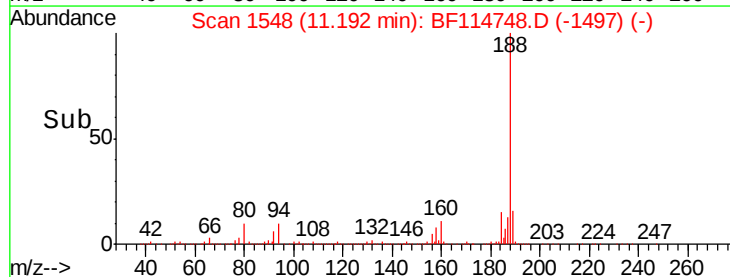
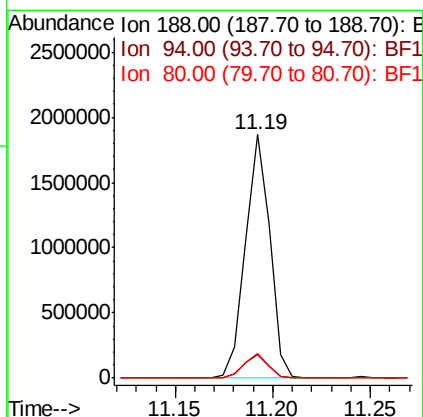
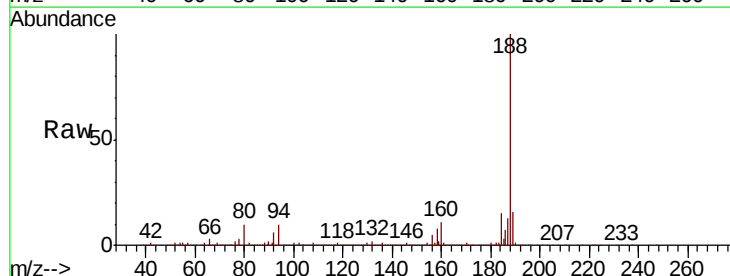
RT: 11.19 min Scan# 1548

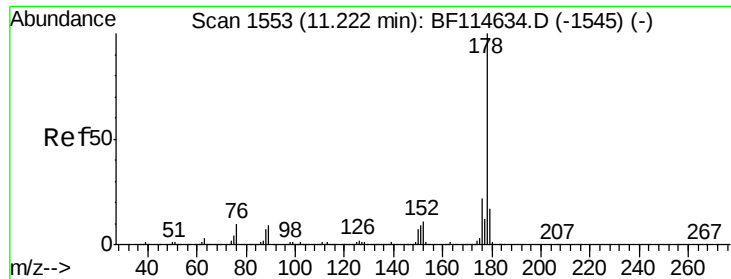
Delta R.T. 0.00 min

Lab File: BF114748.D

Acq: 1 Jun 2019 11:20

Tgt Ion:	188	Resp:	1622792
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.6	13.0
80	10.3	9.0	13.6





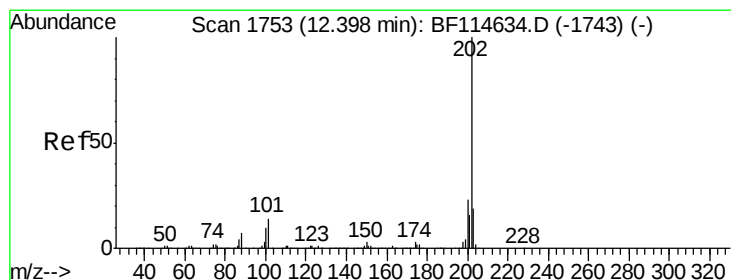
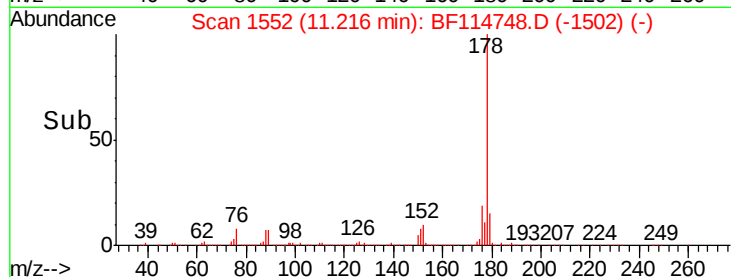
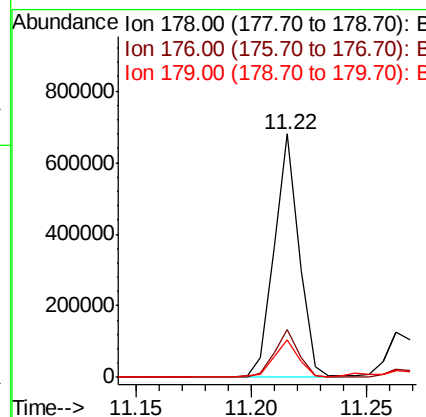
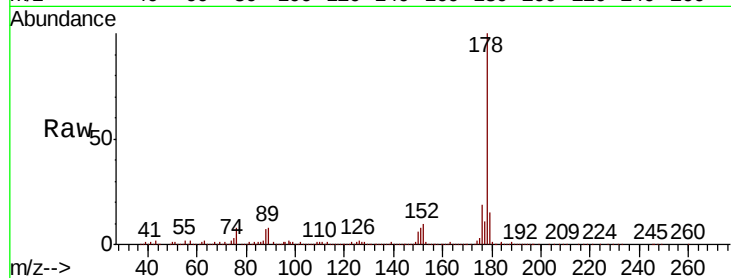
#71
Phenanthrene
Concen: 6.153 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF114748.D
Acq: 1 Jun 2019 11:20

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.2	25.8
179	15.2	13.9	20.9

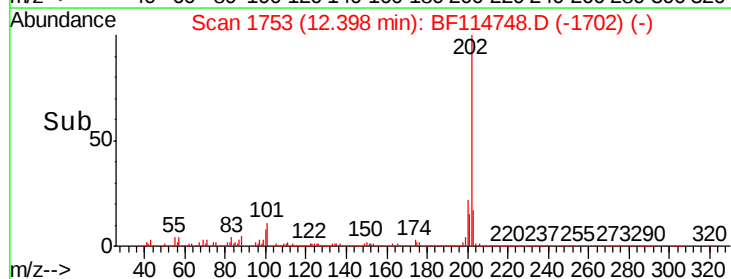
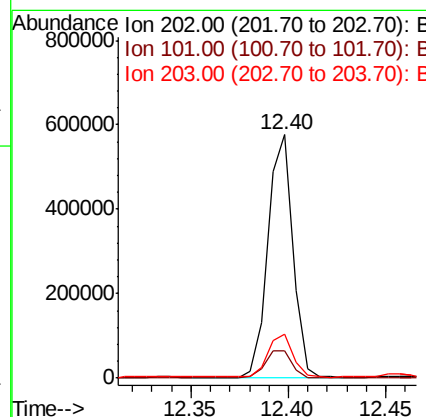
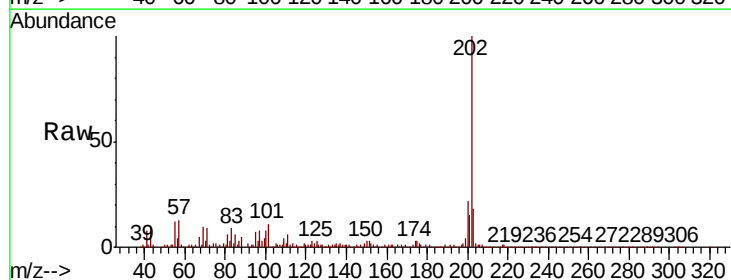
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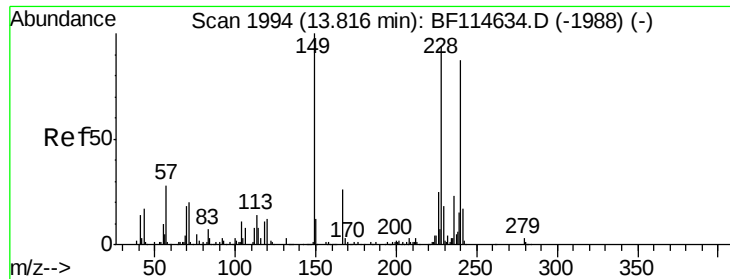
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#75
Fluoranthene
Concen: 5.938 ng
RT: 12.40 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BF114748.D
Acq: 1 Jun 2019 11:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.9
203	17.8	0.0	39.1





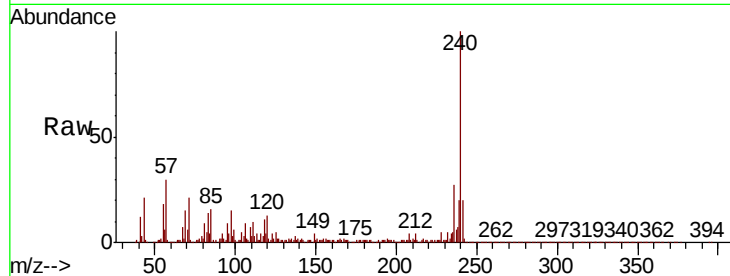
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF114748.D
Acq: 1 Jun 2019 11:20

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006

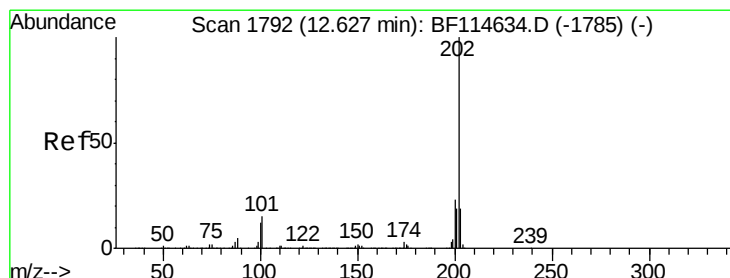
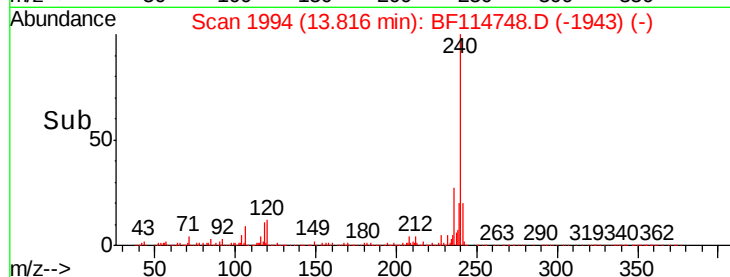
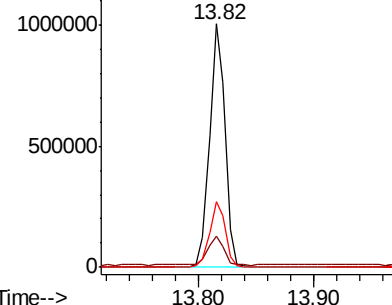
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	11.2	16.8
236	27.0	21.2	31.8

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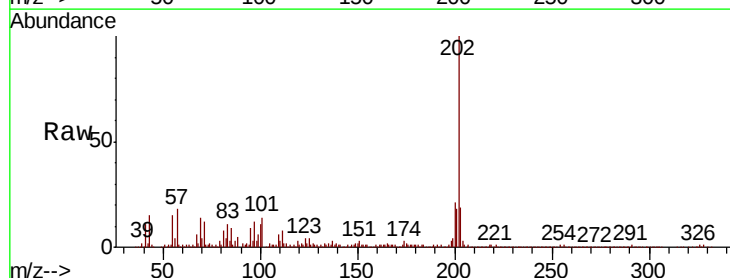


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

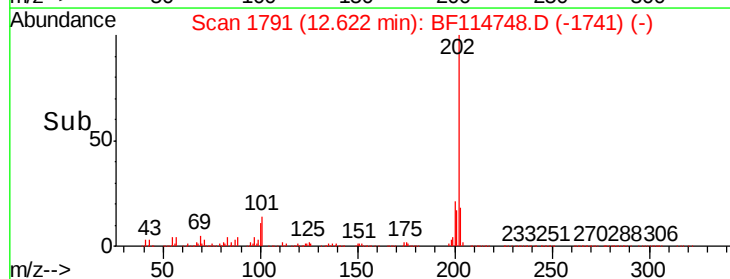
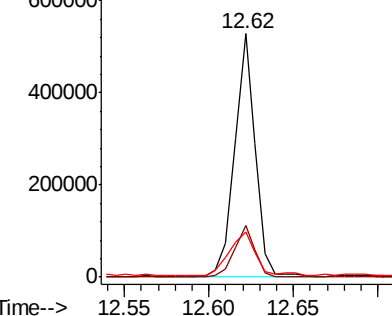


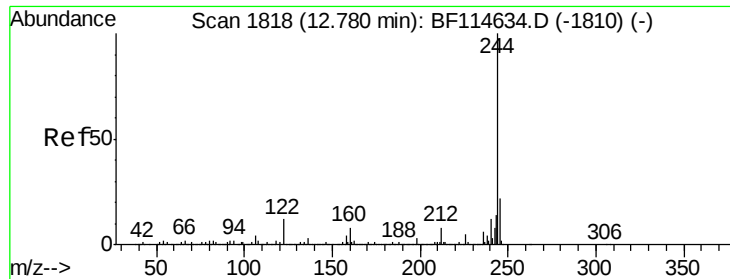
#78
Pyrene
Concen: 5.695 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF114748.D
Acq: 1 Jun 2019 11:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.6	28.0
203	18.8	15.4	23.2



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





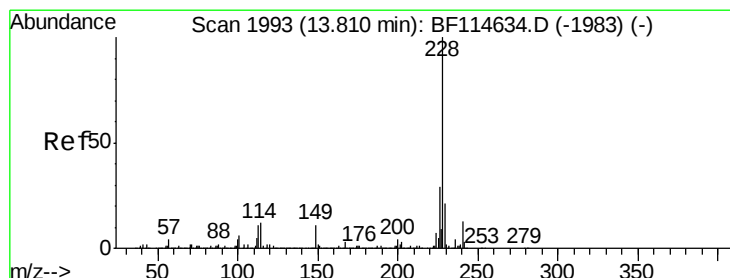
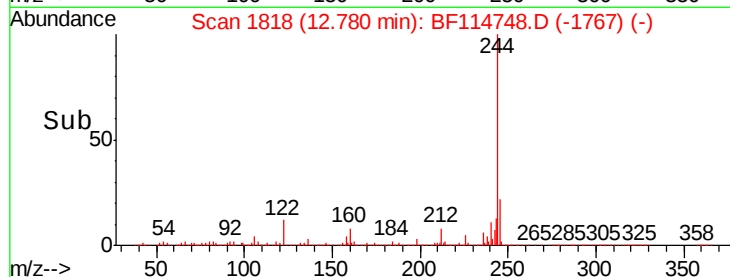
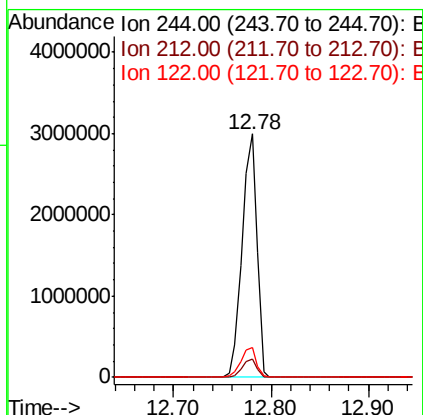
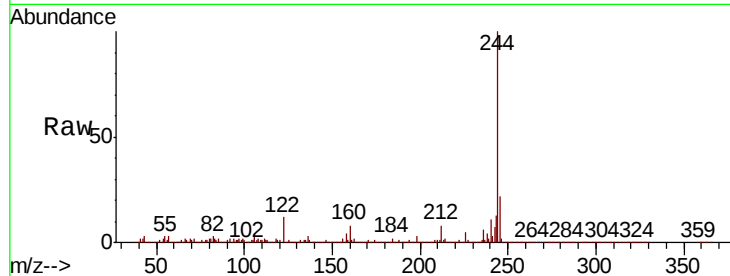
#79
 Terphenyl-d14
 Concen: 64.104 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BF114748.D
 Acq: 1 Jun 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-006

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	12.1	9.8	14.8

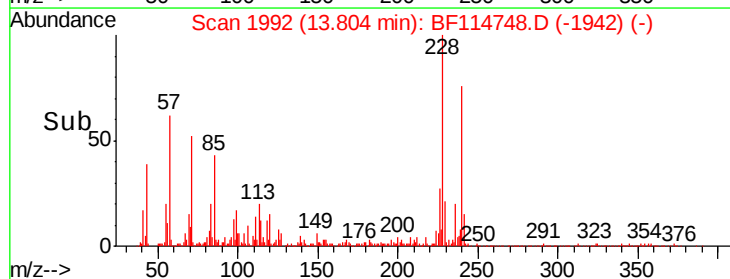
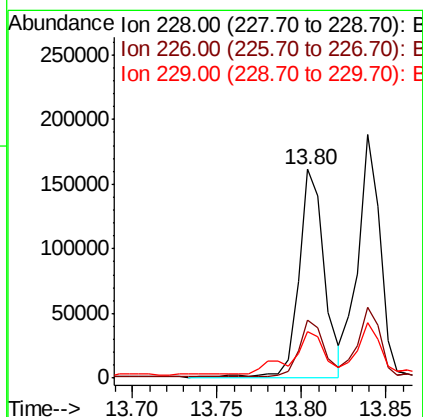
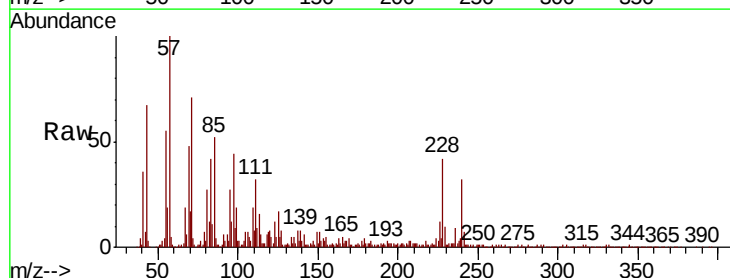
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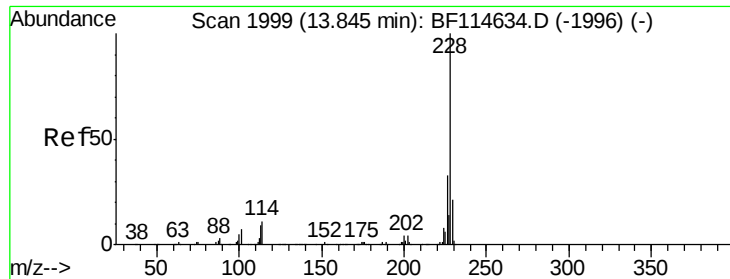
mohammad
 6/3/2019 8:51:11 AM



#81
 Benzo(a)anthracene
 Concen: 2.342 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF114748.D
 Acq: 1 Jun 2019 11:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.6
229	22.4	17.0	25.4





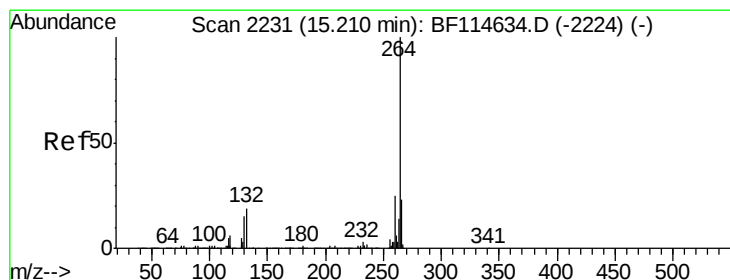
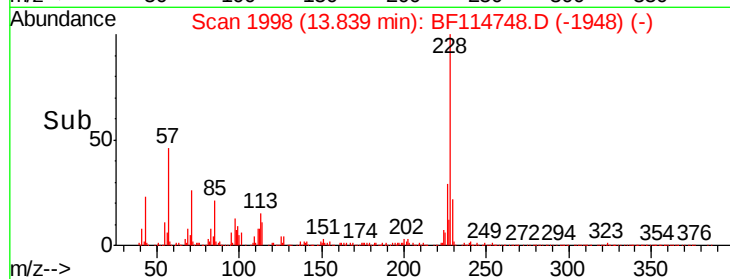
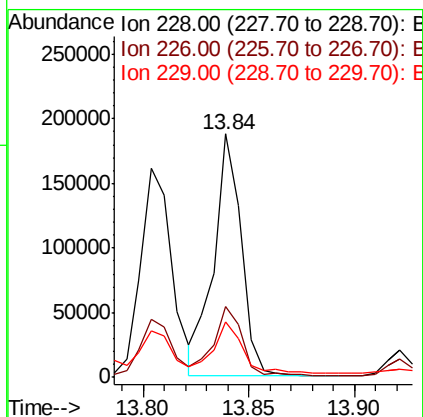
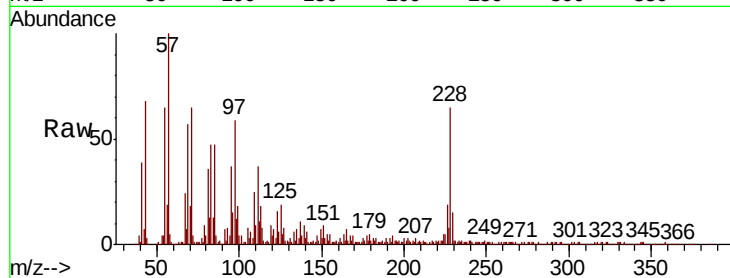
#83
Chrysene
Concen: 2.499 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF114748.D
Acq: 1 Jun 2019 11:20

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006

Tot Ion:	228	Resp:	170406
Ion Ratio	Lower	Upper	
228	100		
226	29.0	26.4	39.6
229	22.6	17.1	25.7

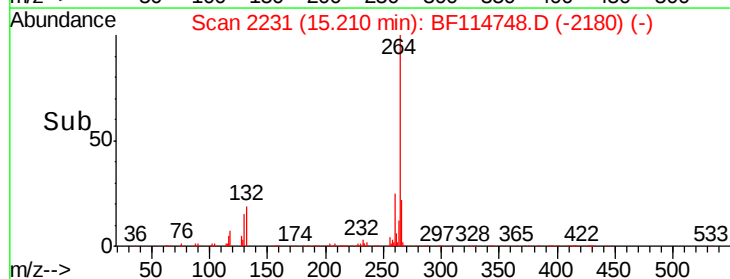
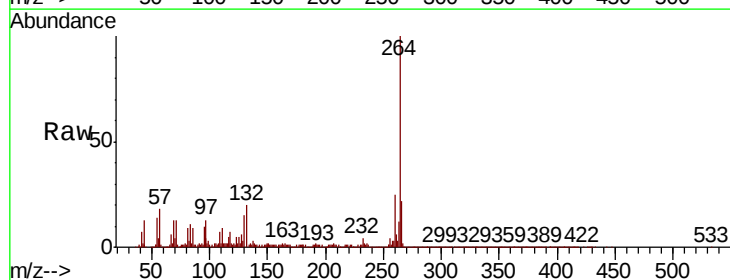
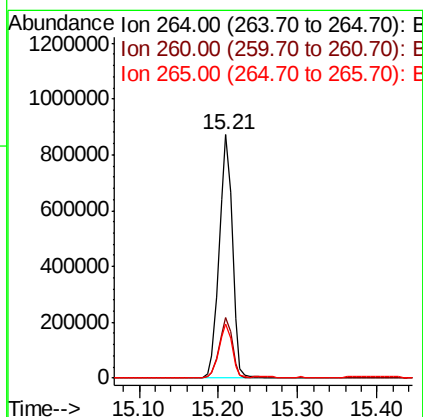
Manual Integrations
APPROVED

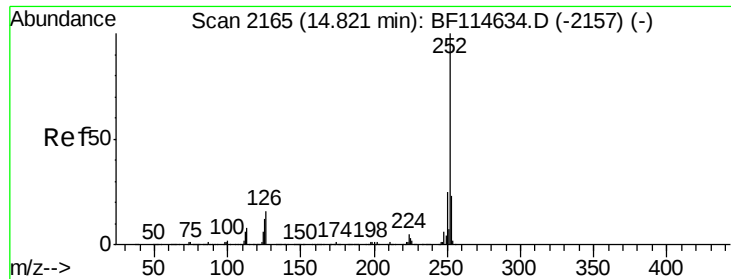
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF114748.D
Acq: 1 Jun 2019 11:20

Tgt Ion:	264	Resp:	997882
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.7	29.5
265	22.4	18.1	27.1





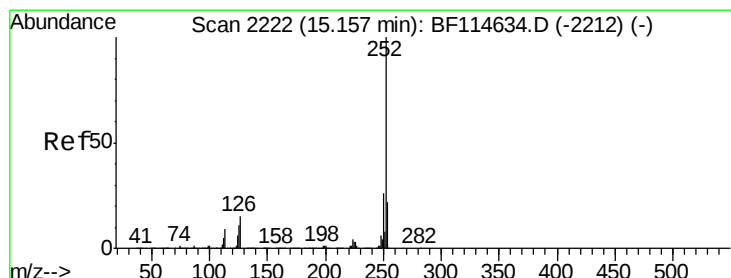
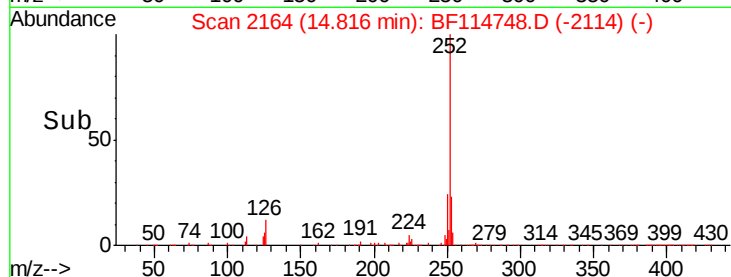
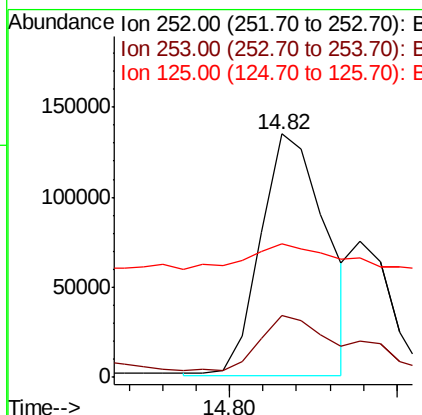
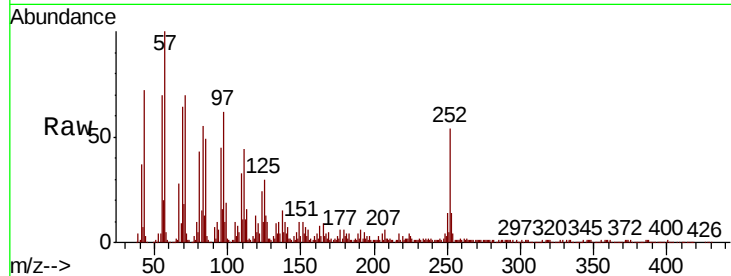
#88
Benzo(b)fluoranthene
Concen: 2.919 ng m
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF114748.D
Acq: 1 Jun 2019 11:20

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.7	28.1
125	55.0	9.4	14.2

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.129 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF114748.D
Acq: 1 Jun 2019 11:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	59.9	9.2	13.8

