

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111613.D
 Acq On : 20 Dec 2018 1:52
 Operator : JU/SJ
 Sample : J6194-07 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121818-A

Manual Integrations
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Sohil
 12/20/2018 12:42:33 PM

Quant Time: Dec 20 04:37:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	189894	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	705477	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	317384	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	542519	20.00	ng	0.00
76) Chrysene-d12	14.04	240	496637	20.00	ng	0.00
87) Perylene-d12	15.52	264	344550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	203188	18.24	ng	-0.01
7) Phenol-d6	6.51	99	256515	18.09	ng	-0.01
23) Nitrobenzene-d5	7.45	82	134228	11.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	55021	14.67	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	247040	11.35	ng	0.00
79) Terphenyl-d14	12.99	244	237390	9.06	ng	0.00
Target Compounds						
71) Phenanthrene	11.43	178	62982	2.189	ng	93
75) Fluoranthene	12.62	202	125432	4.305	ng	95
78) Pyrene	12.85	202	118476	3.378	ng	96
81) Benzo(a)anthracene	14.03	228	61940	2.185	ng	93
83) Chrysene	14.07	228	55732	2.001	ng	97
88) Benzo(b)fluoranthene	15.09	252	63181m	3.138	ng	
90) Benzo(a)pyrene	15.46	252	45049	2.462	ng	# 92

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

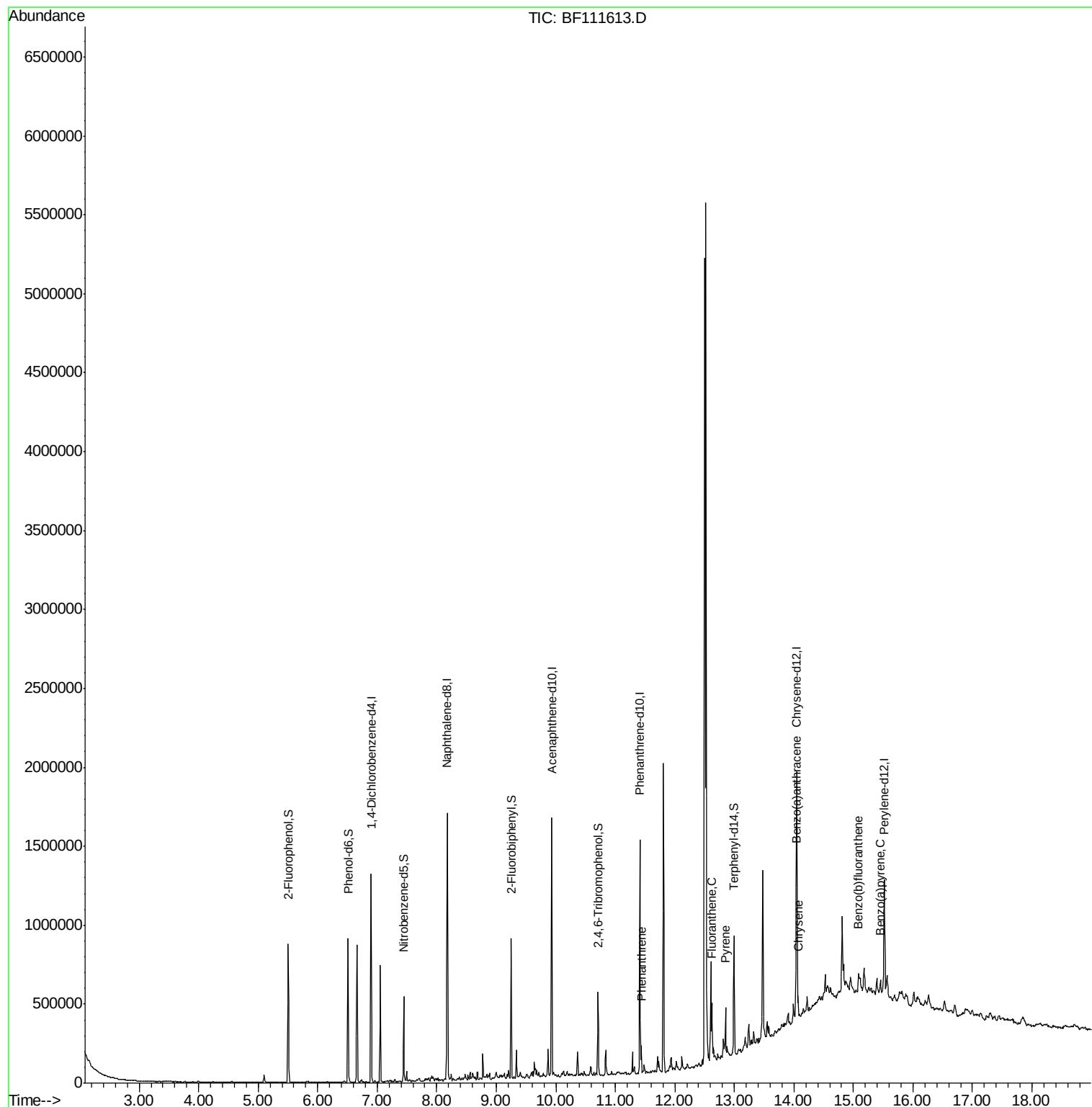
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111613.D
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Operator : JU/SJ
Sample : J6194-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

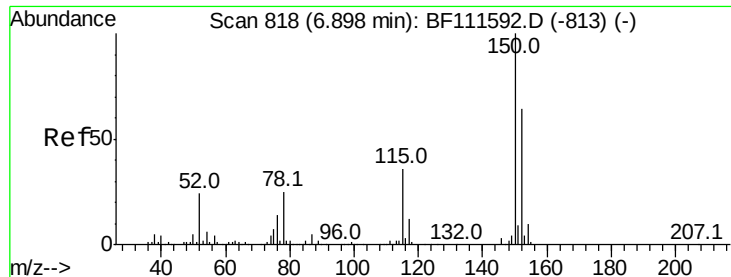
Instrument :
BNA_F
ClientSampleId :
OK-01-121818-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

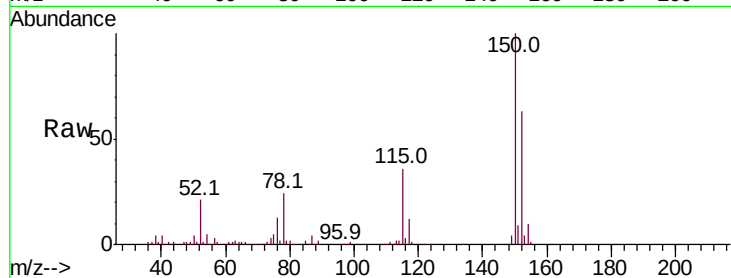
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111613.D
Acq: 20 Dec 2018 1:52

Instrument :
BNA_F
ClientSampleId :
OK-01-121818-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	56.7	50.7	76.1

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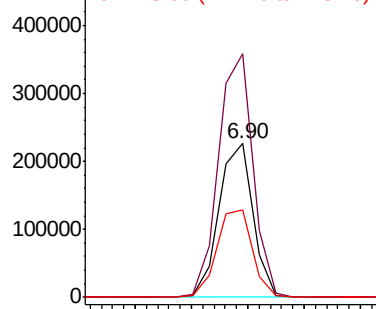


Abundance

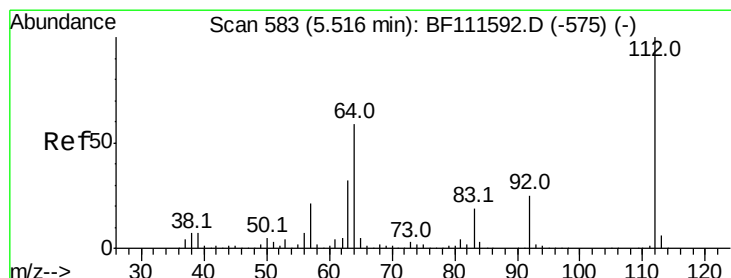
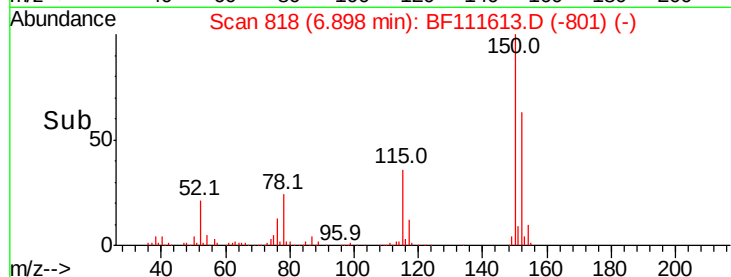
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



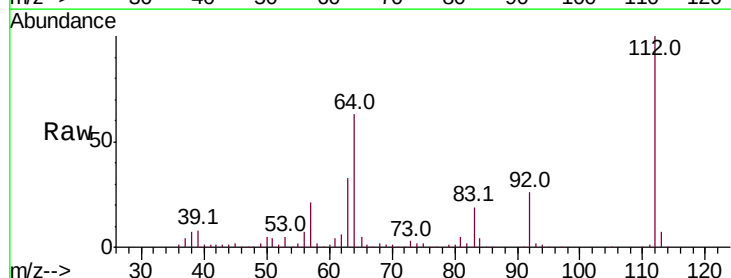
Time-->



#5

2-Fluorophenol
Concen: 18.239 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF111613.D
Acq: 20 Dec 2018 1:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	51.8	77.6
63	32.9	26.8	40.2

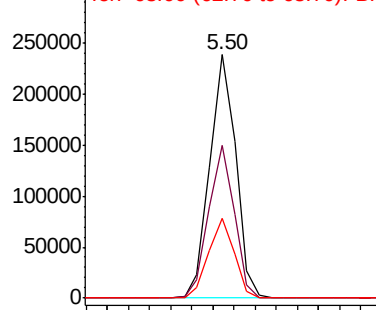


Abundance

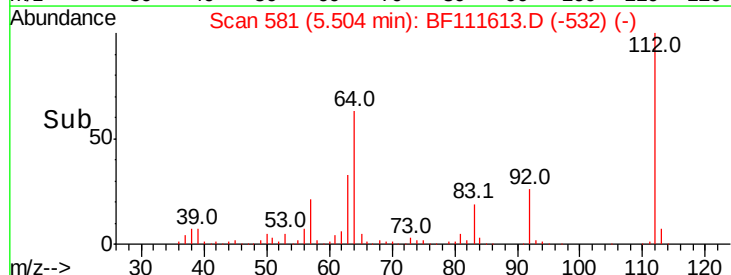
Ion 112.00 (111.70 to 112.70): E

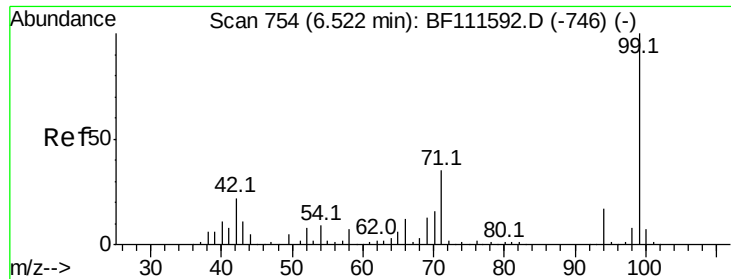
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 18.092 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111613.D

Acq: 20 Dec 2018 1:52

Instrument :

BNA_F

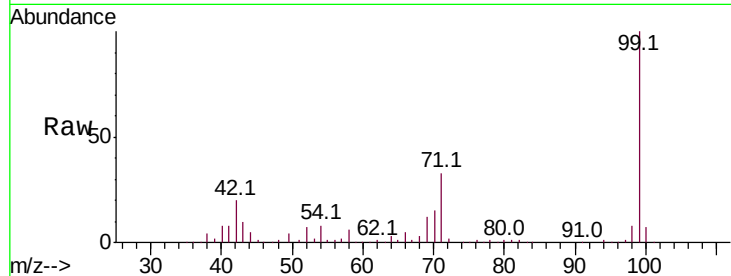
ClientSampleId :

OK-01-121818-A

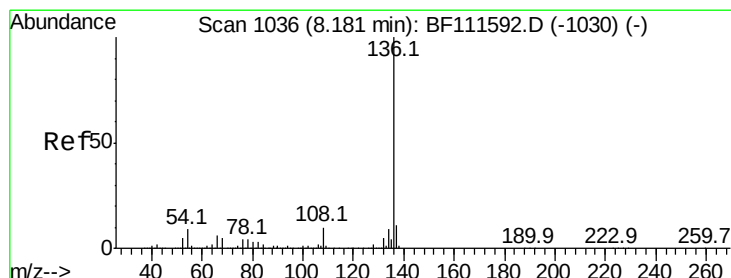
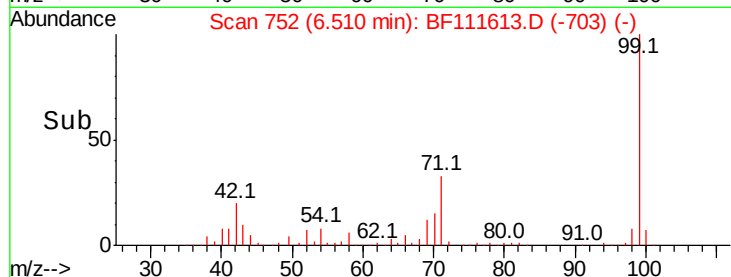
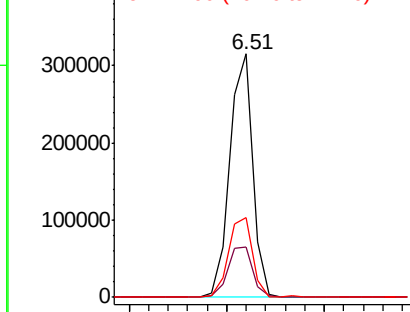
Tot Ion	Ratio	Resp	Lower	Upper
99	100	256515		
42	20.4		17.4	26.0
71	32.8		26.1	39.1

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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# 1035

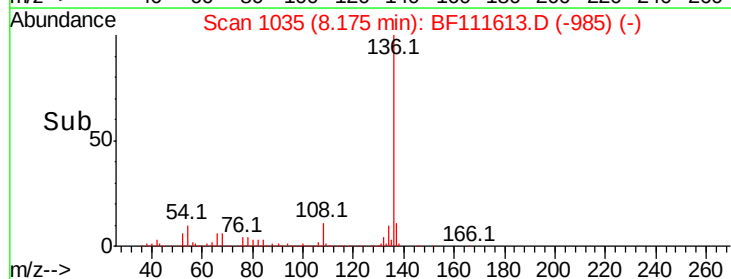
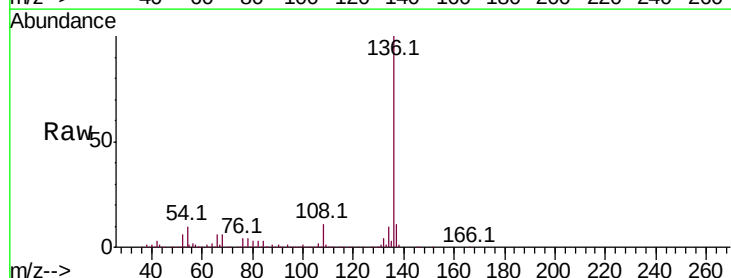
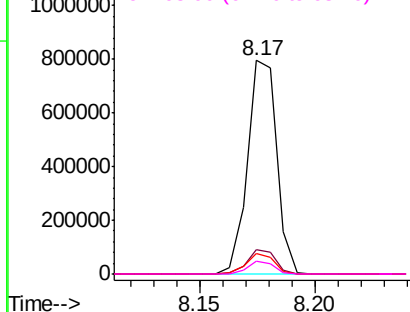
Delta R.T. -0.01 min

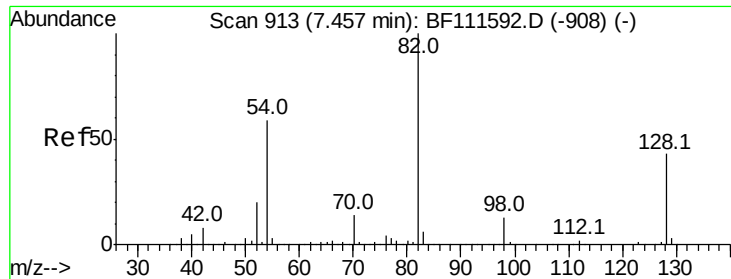
Lab File: BF111613.D

Acq: 20 Dec 2018 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	705477		
137	11.1		9.1	13.7
54	9.7		7.7	11.5
68	6.3		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





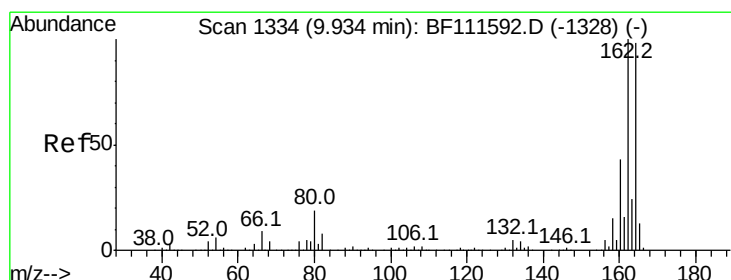
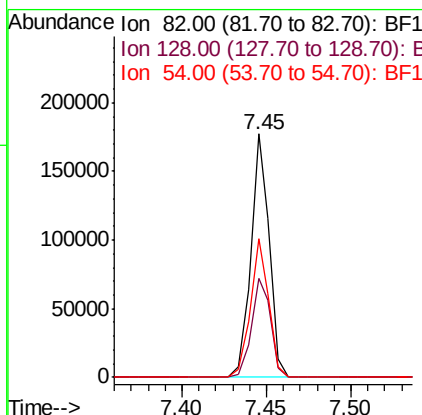
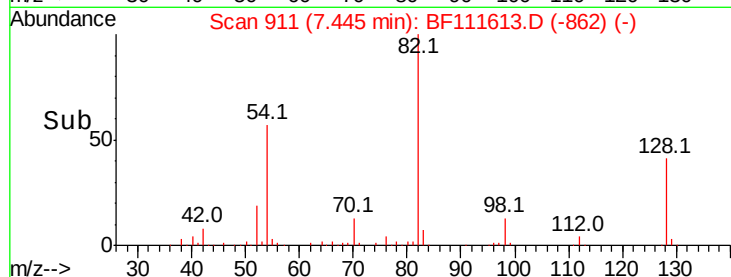
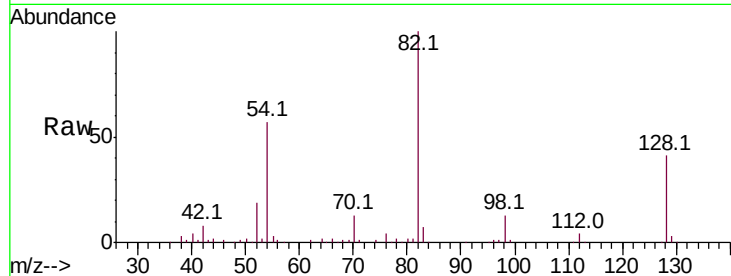
#23
 Nitrobenzene-d5
 Concen: 11.075 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF111613.D
 Acq: 20 Dec 2018 1:52

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121818-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	37.4	56.2
54	57.0	47.6	71.4

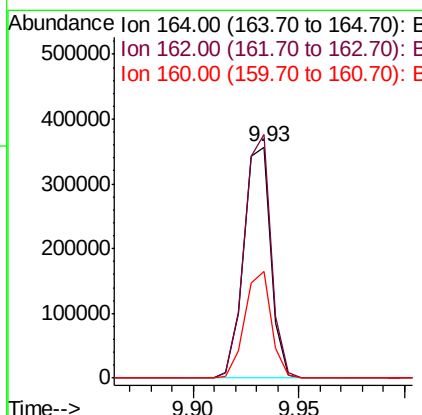
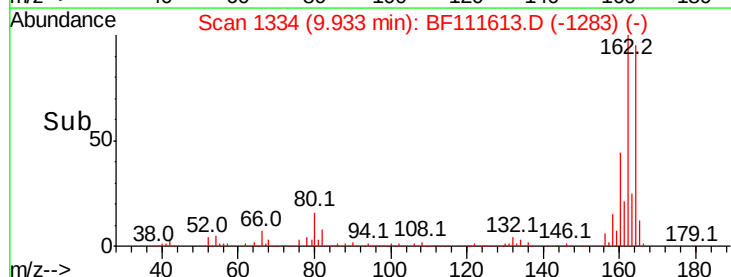
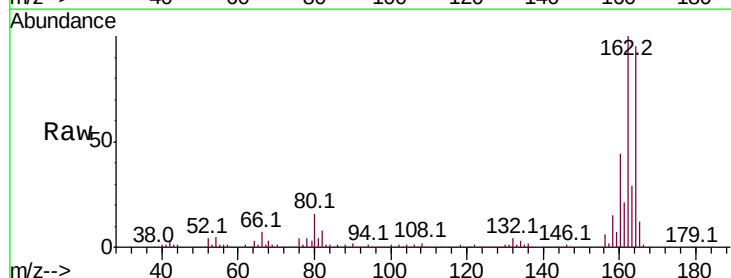
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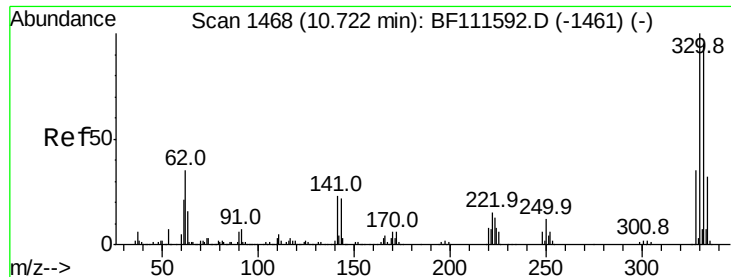
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111613.D
 Acq: 20 Dec 2018 1:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	81.4	122.0
160	46.0	35.7	53.5





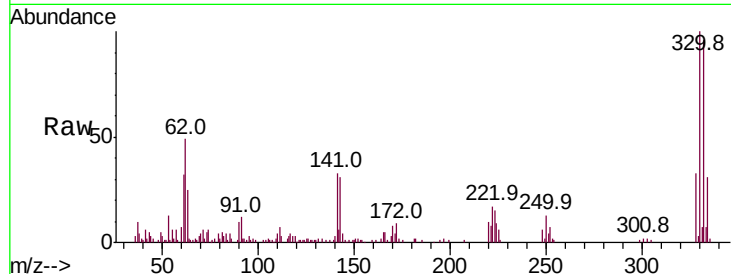
#42
 2,4,6-Tribromophenol
 Concen: 14.672 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111613.D
 Acq: 20 Dec 2018 1:52

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121818-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.0	114.0
141	32.3	31.0	46.6

Manual Integrations
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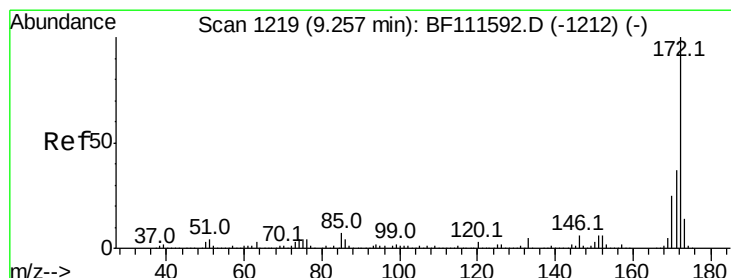
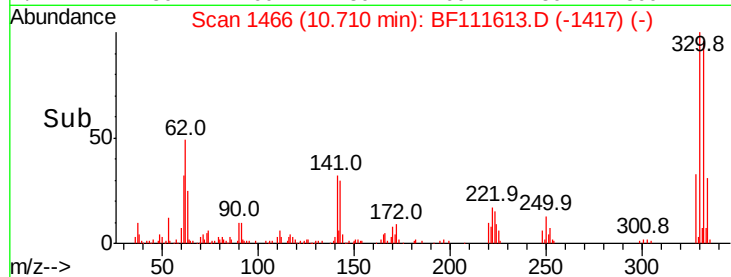
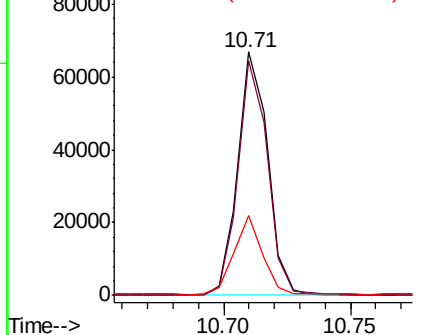


Abundance

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: 11.345 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111613.D
 Acq: 20 Dec 2018 1:52

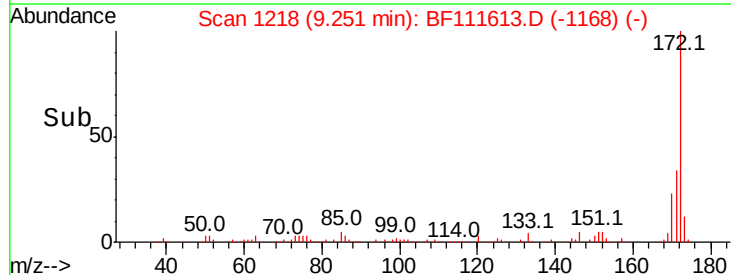
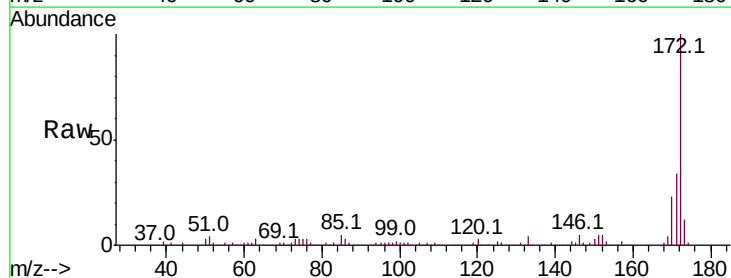
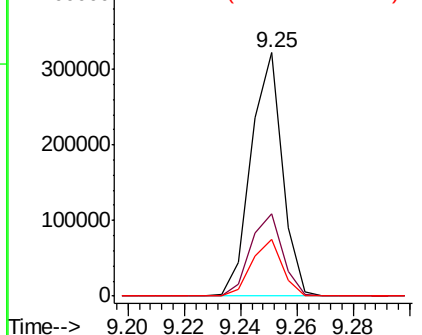
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	33.0	49.4
170	23.1	22.3	33.5

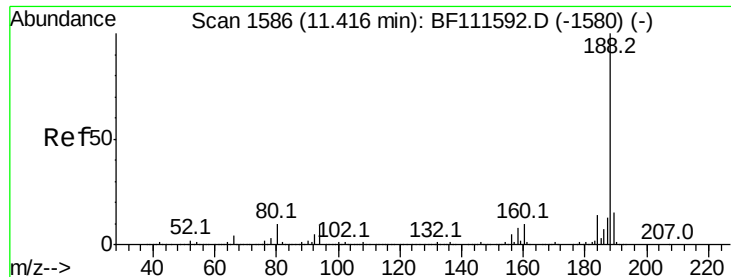
Abundance

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





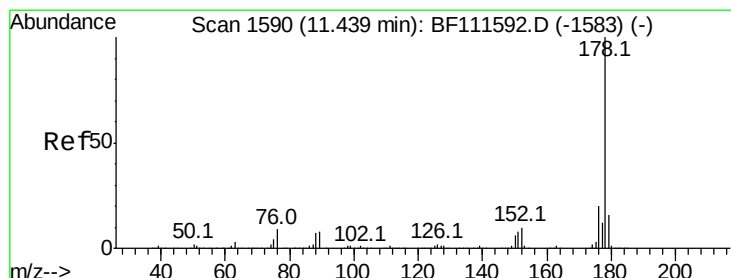
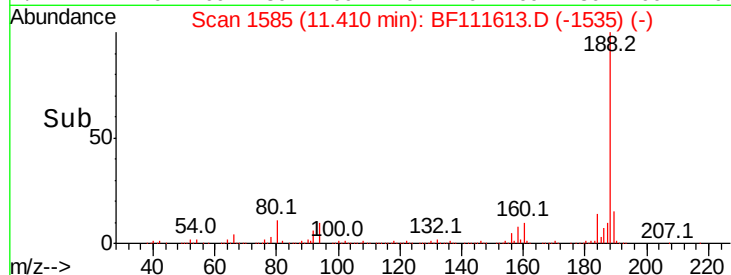
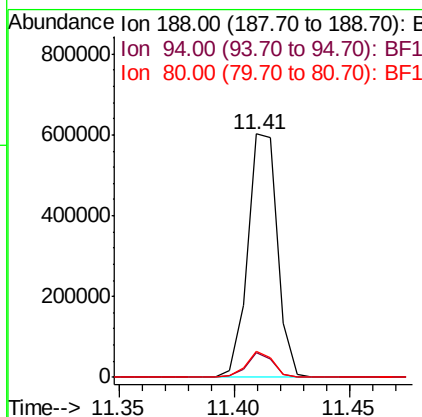
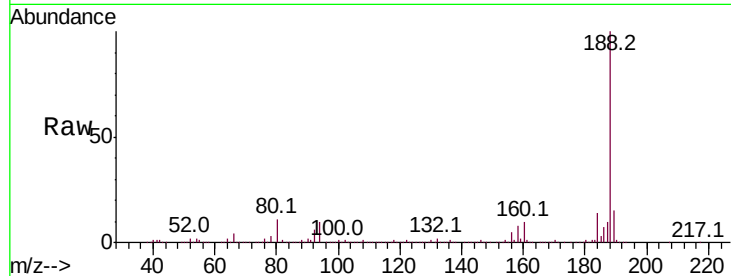
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111613.D
Acq: 20 Dec 2018 1:52

Instrument :
BNA_F
ClientSampleId :
OK-01-121818-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	9.6	14.4
80	10.6	9.8	14.6

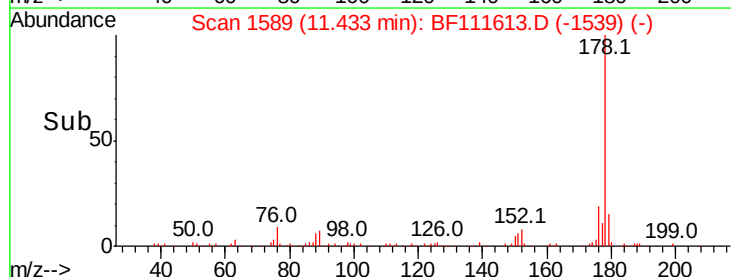
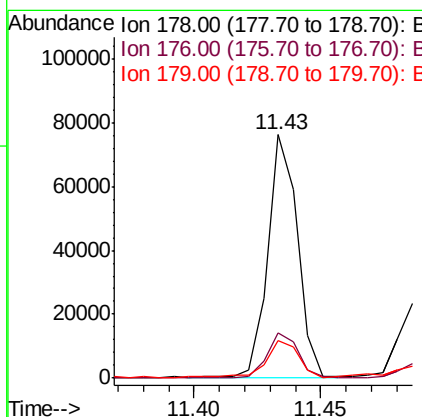
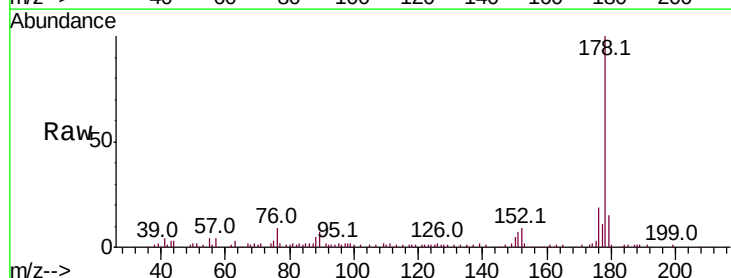
Manual Integrations
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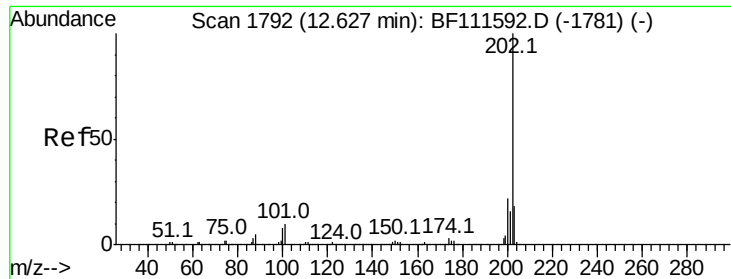
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#71
Phenanthrene
Concen: 2.189 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111613.D
Acq: 20 Dec 2018 1:52

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.7	18.1	27.1
179	15.3	14.0	21.0





#75

Fluoranthene

Concen: 4.305 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF111613.D

Acq: 20 Dec 2018 1:52

Instrument :

BNA_F

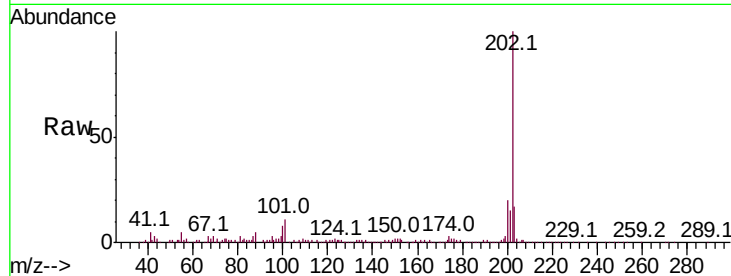
ClientSampleId :

OK-01-121818-A

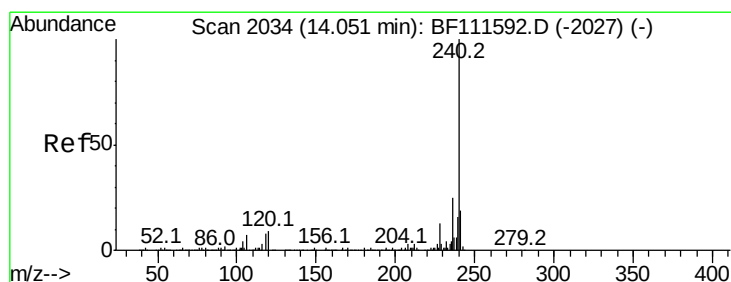
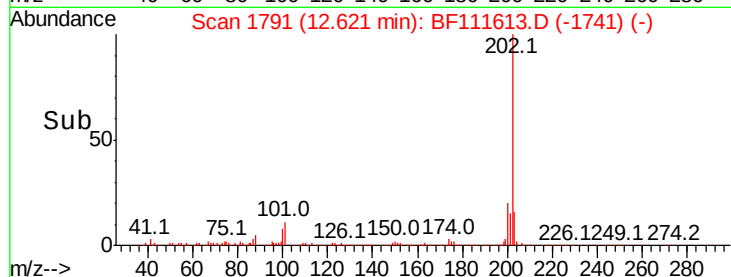
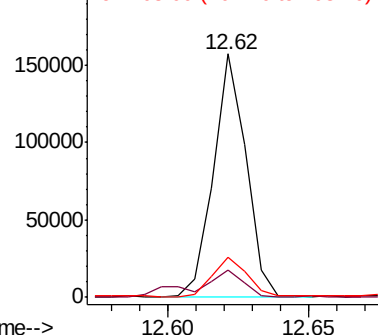
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	33.8
203	16.7	0.0	38.6

Manual Integrations
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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: 14.04 min Scan# 2033

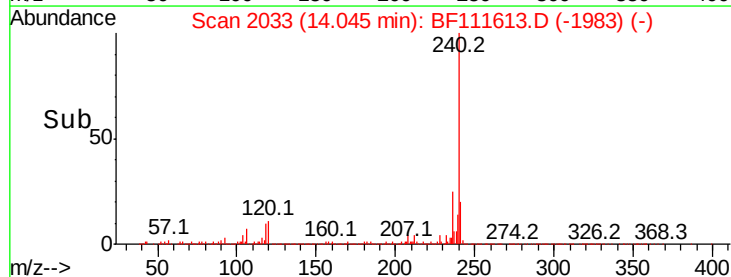
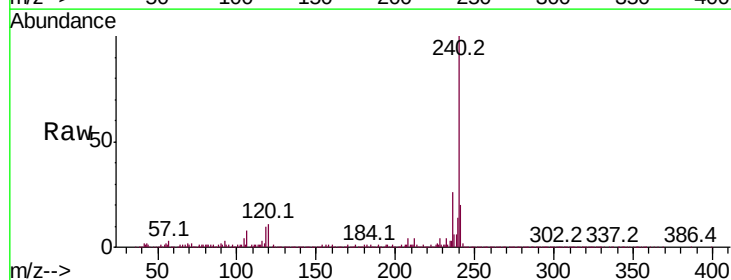
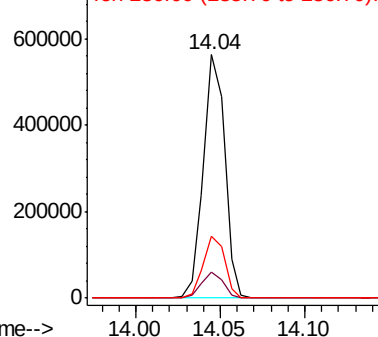
Delta R.T. -0.01 min

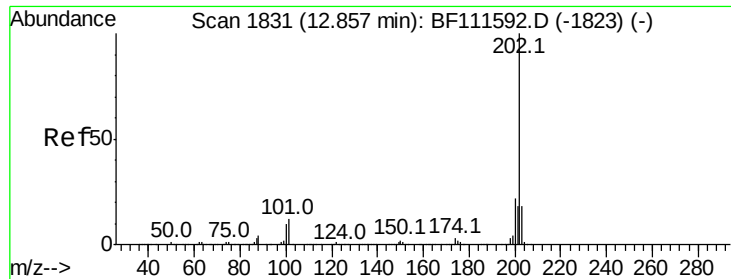
Lab File: BF111613.D

Acq: 20 Dec 2018 1:52

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	12.2	18.2#
236	25.5	20.2	30.2

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





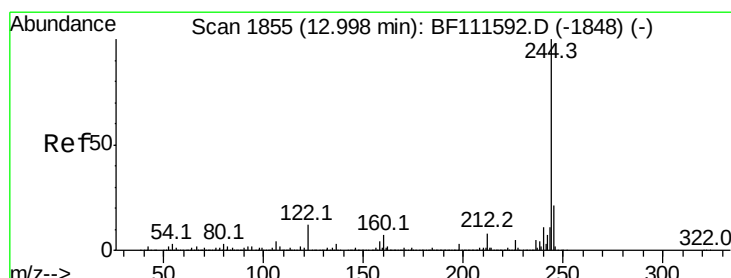
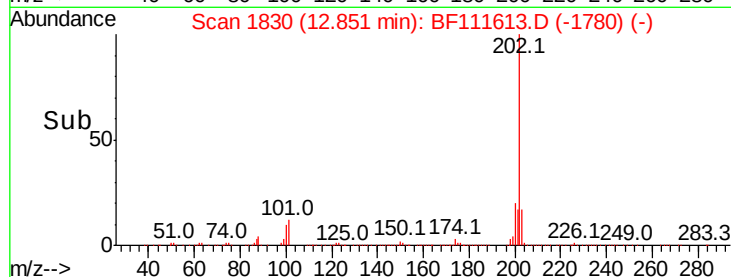
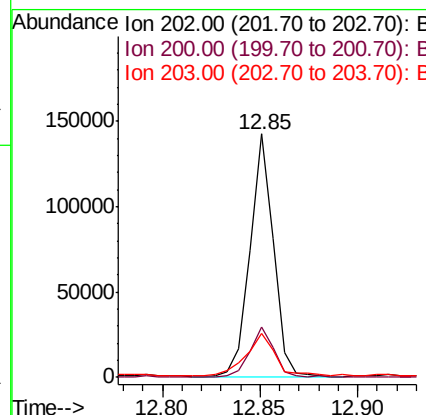
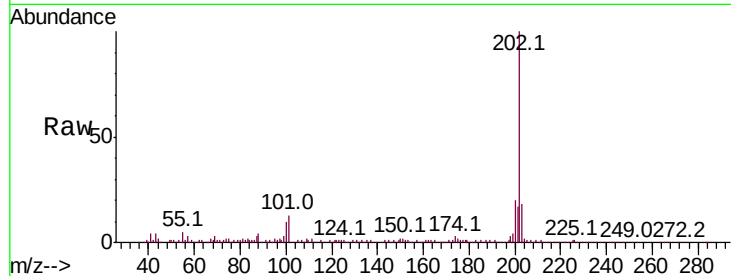
#78
Pvrene
Concen: 3.378 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111613.D
Acq: 20 Dec 2018 1:52

Instrument :
BNA_F
ClientSampleId :
OK-01-121818-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	19.0	28.4
203	18.3	15.2	22.8

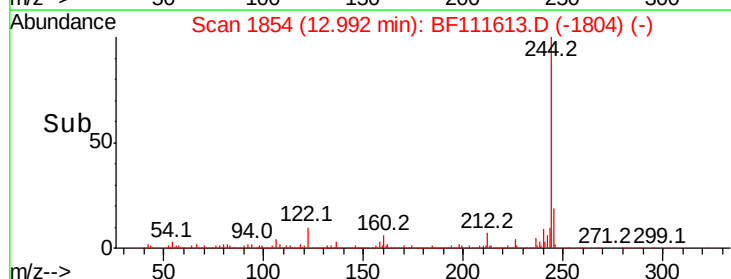
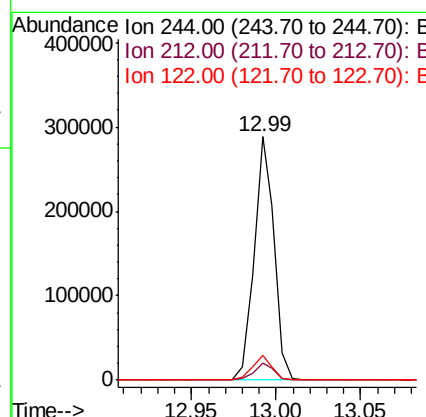
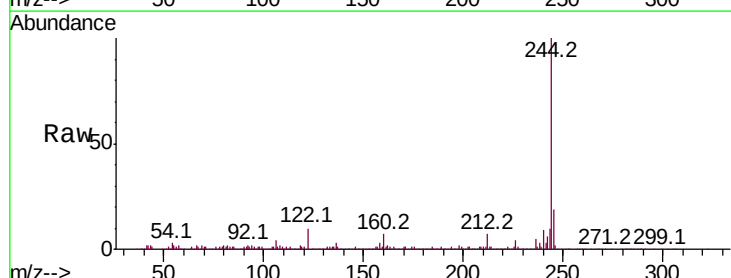
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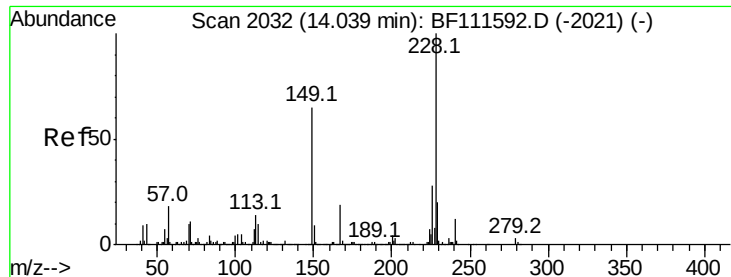
Sohil
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#79
Terphenyl-d14
Concen: 9.065 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111613.D
Acq: 20 Dec 2018 1:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.0	13.1	19.7#





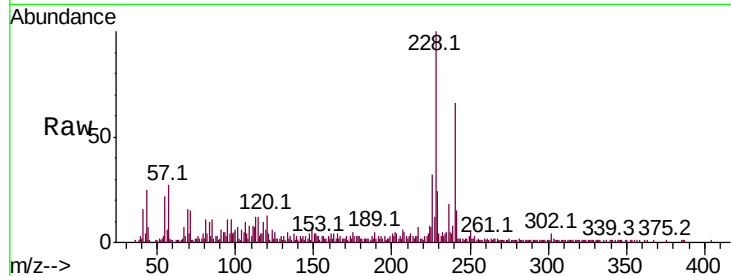
#81
Benzo(a)anthracene
Concen: 2.185 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111613.D
Acq: 20 Dec 2018 1:52

Instrument :
BNA_F
ClientSampleId :
OK-01-121818-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	34.0
229	23.7	16.3	24.5

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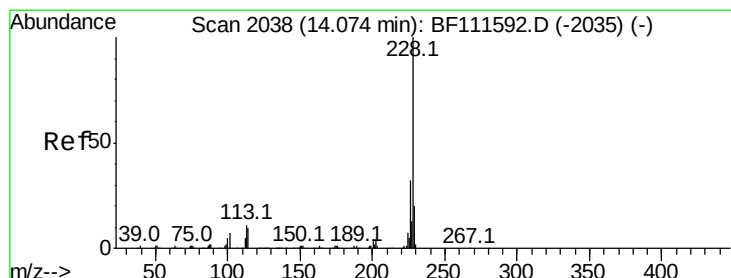
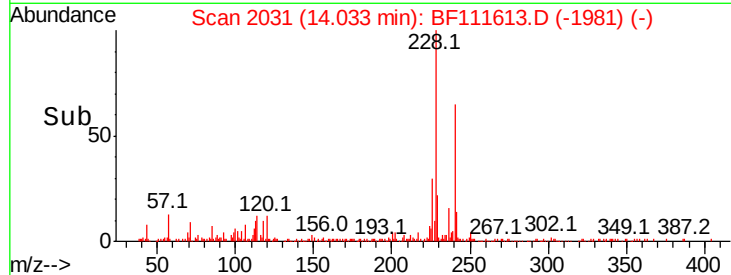
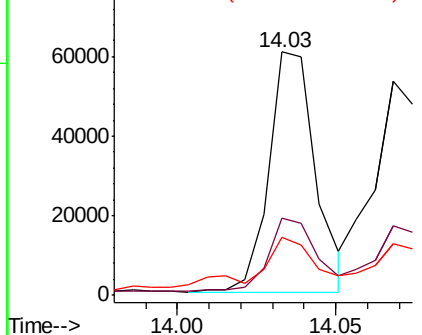


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 2.001 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF111613.D
Acq: 20 Dec 2018 1:52

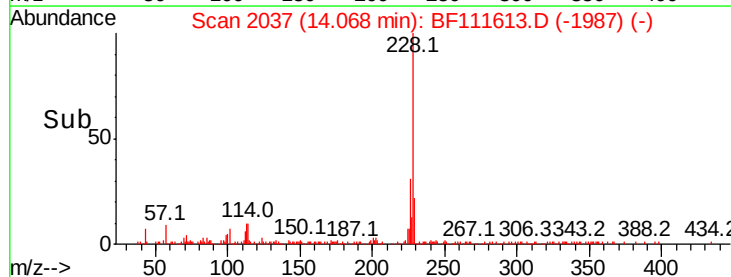
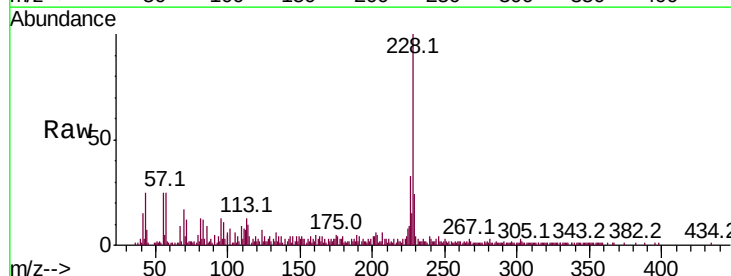
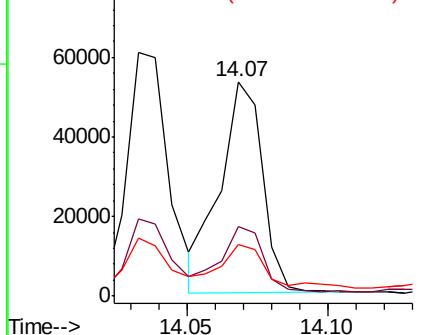
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.3	37.9
229	24.1	17.2	25.8

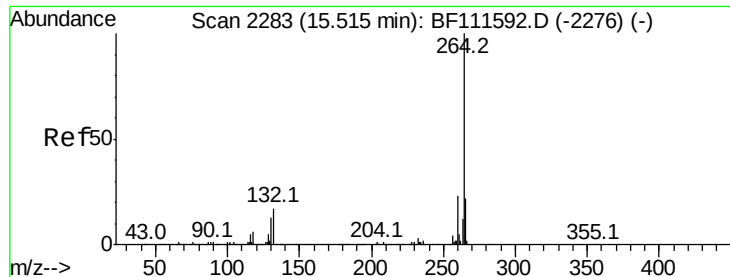
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





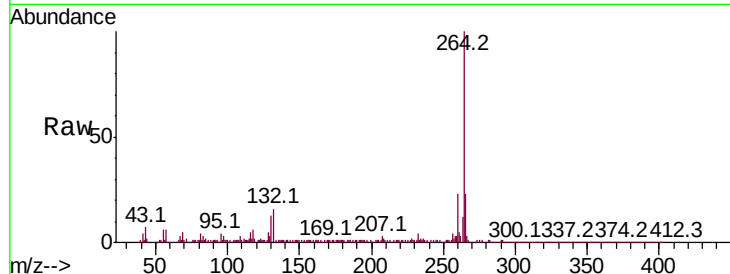
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111613.D
Acq: 20 Dec 2018 1:52

Instrument :
BNA_F
ClientSampleId :
OK-01-121818-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	22.5	17.7	26.5

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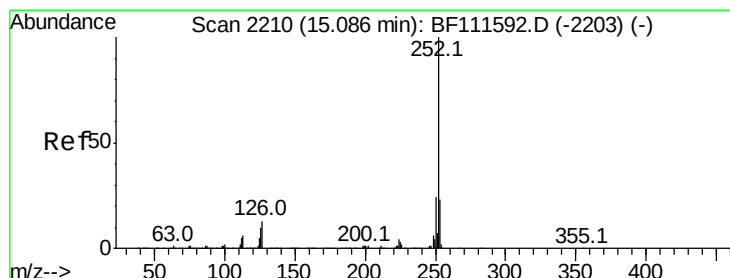
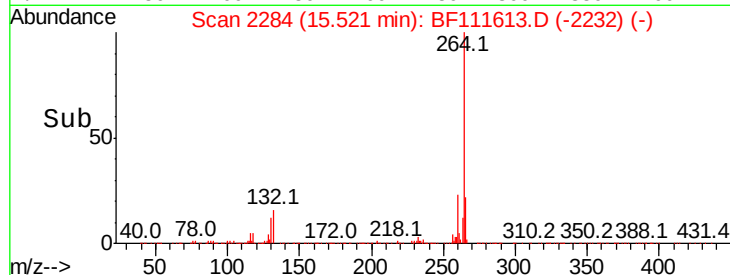
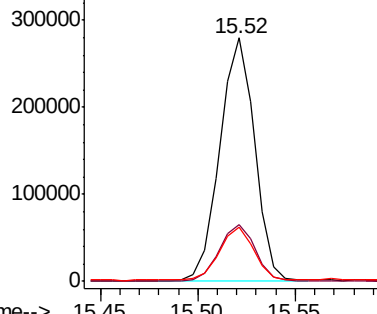


Abundance

Ion 264.00 (263.70 to 264.70): E

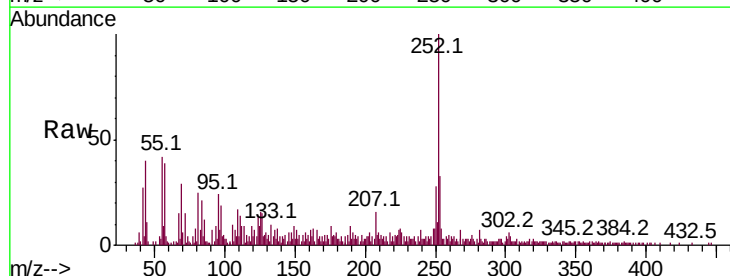
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 3.138 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF111613.D
Acq: 20 Dec 2018 1:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.6	18.2	27.2#
125	16.4	10.4	15.6#

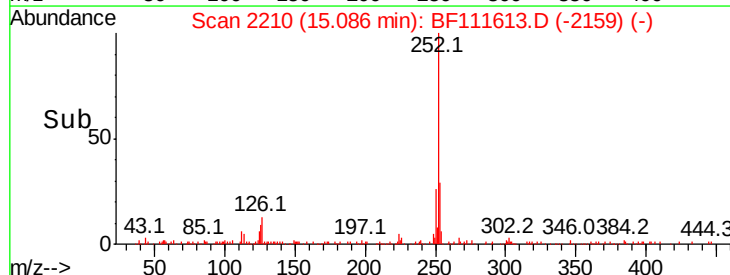
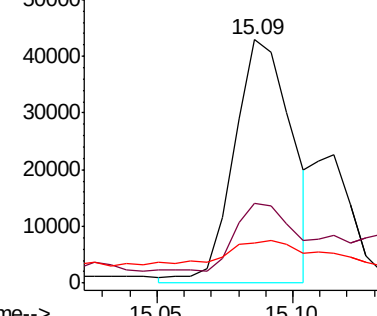


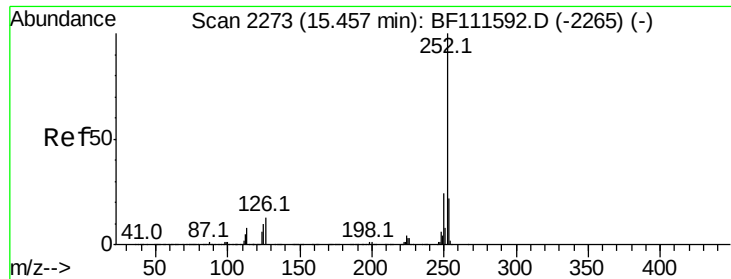
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





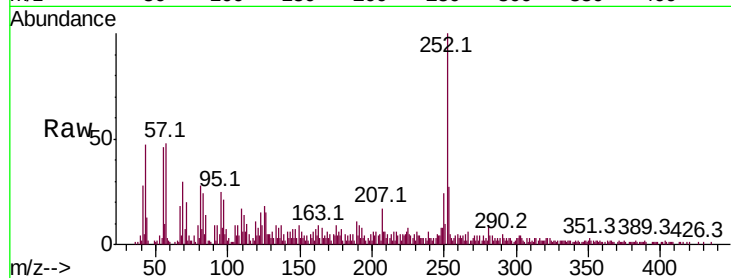
#90
 Benzo(a)pyrene
 Concen: 2.462 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF111613.D
 Acq: 20 Dec 2018 1:52

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121818-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.8	26.8#
125	17.8	12.3	18.5

Manual Integrations
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Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

