

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
 Data File : BF116759.D
 Acq On : 1 Sep 2019 22:46
 Operator : HP/JU
 Sample : K4583-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GS-STOCKPILE

Manual Integrations
 APPROVED

mohammad
 9/5/2019 9:55:04 AM

Quant Time: Sep 02 06:59:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97280	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	424716	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	235069	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	402127	20.00	ng	0.00
76) Chrysene-d12	13.99	240	271835	20.00	ng	0.00
87) Perylene-d12	15.44	264	251871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	226487	37.72	ng	0.00
7) Phenol-d6	6.47	99	310861	39.43	ng	-0.01
23) Nitrobenzene-d5	7.40	82	172256	23.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	59901	38.12	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	359074	25.77	ng	-0.01
79) Terphenyl-d14	12.94	244	370887	25.24	ng	-0.01
Target Compounds						
10) Phenol	6.48	94	17853	2.045	ng	Qvalue 97
50) Dimethylphthalate	9.59	163	41158	2.536	ng	98
75) Fluoranthene	12.57	202	81557	3.707	ng	97
78) Pyrene	12.80	202	73653	3.048	ng	99
81) Benzo(a)anthracene	13.98	228	39655	2.305	ng	96
83) Chrysene	14.02	228	35924m	2.027	ng	
88) Benzo(b)fluoranthene	15.02	252	51651m	3.392	ng	
90) Benzo(a)pyrene	15.38	252	30377	2.293	ng	# 87

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

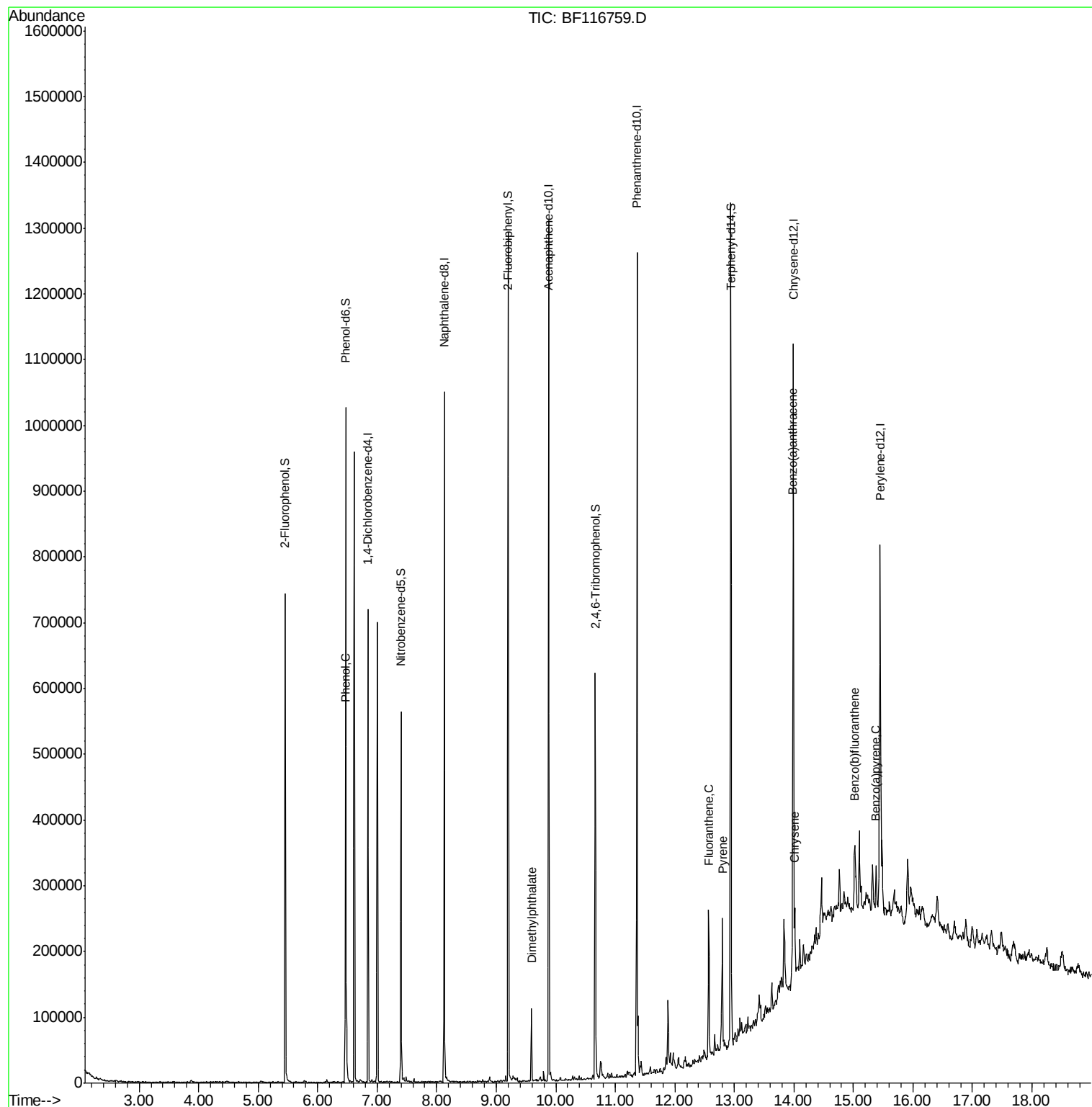
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116759.D
Acq On : 1 Sep 2019 22:46
Operator : HP/JU
Sample : K4583-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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9/5/2019 9:55:04 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration





#1

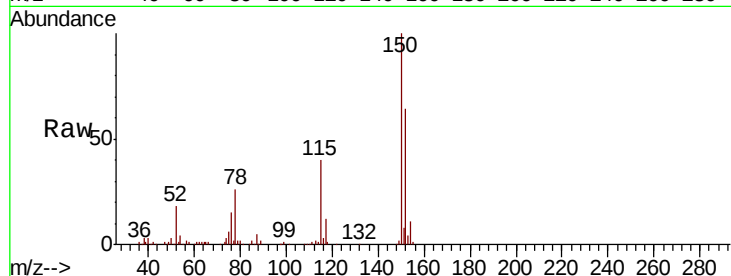
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

Instrument :
BNA_F
ClientSampleId :
GS-STOCKPILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.4	186.6
115	62.2	49.9	74.9

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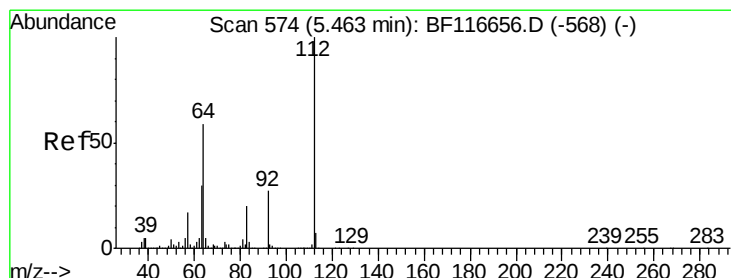
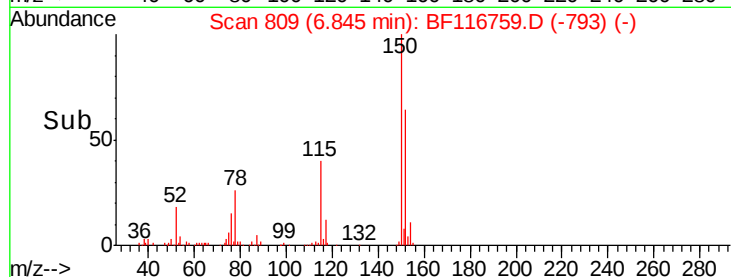
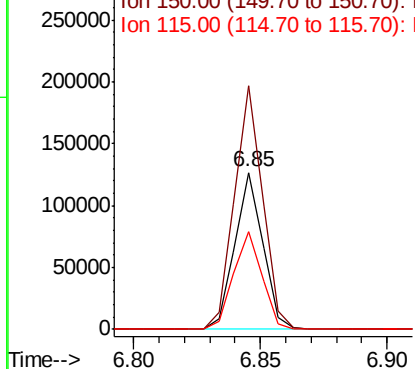


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

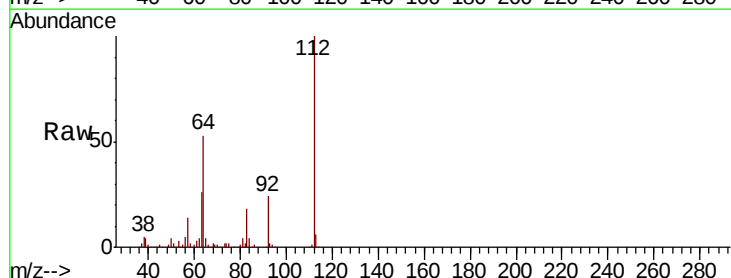
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.718 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.1	70.7
63	26.0	24.9	37.3

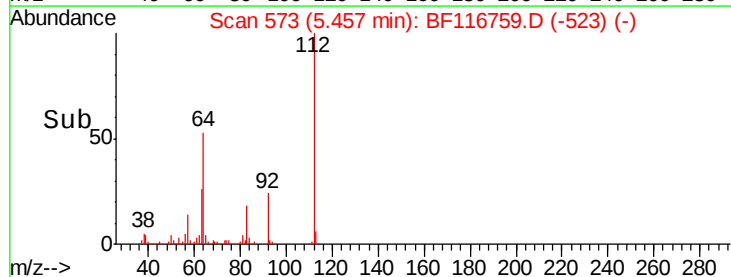
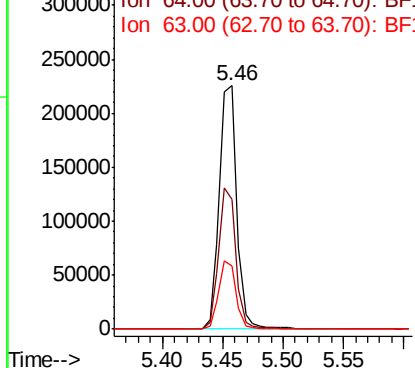


Abundance

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: 39.425 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116759.D

Acq: 1 Sep 2019 22:46

Instrument :

BNA_F

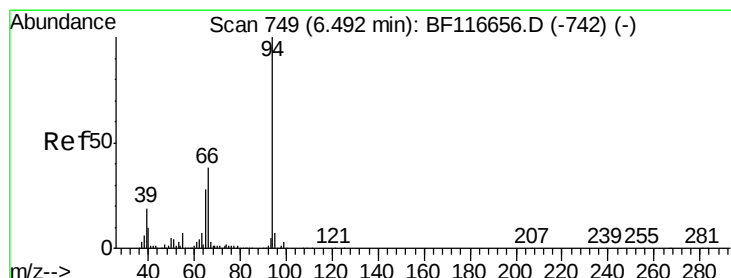
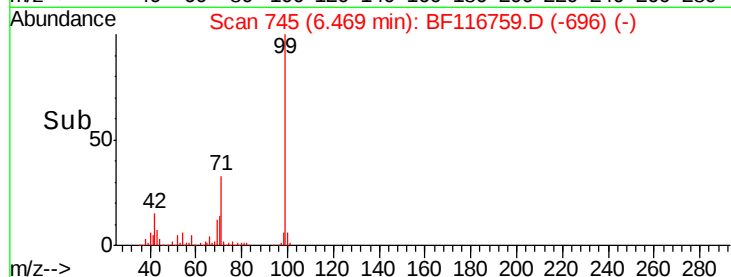
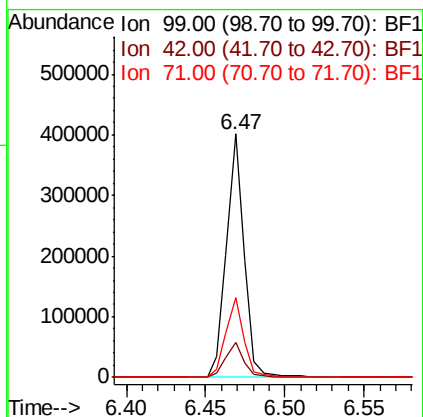
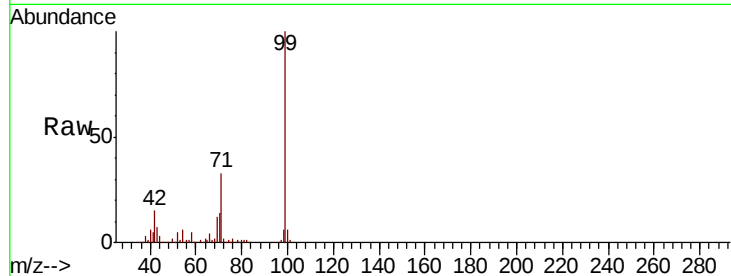
ClientSampleId :

GS-STOCKPILE

Tot Ion:	99	Resp:	310861
Ion Ratio	Lower	Upper	
99	100		
42	14.6	13.7	20.5
71	32.7	30.8	46.2

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#10

Phenol

Concen: 2.045 ng

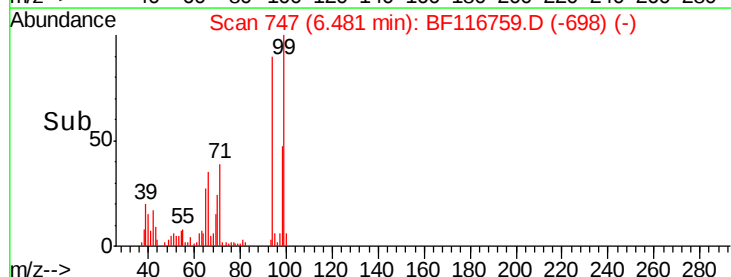
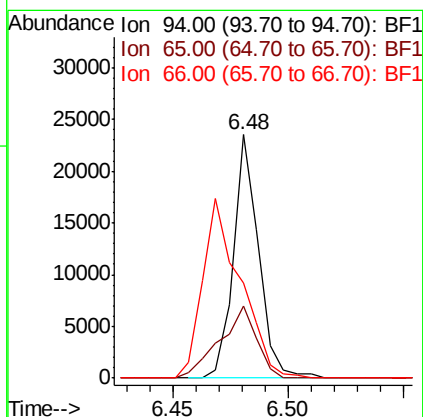
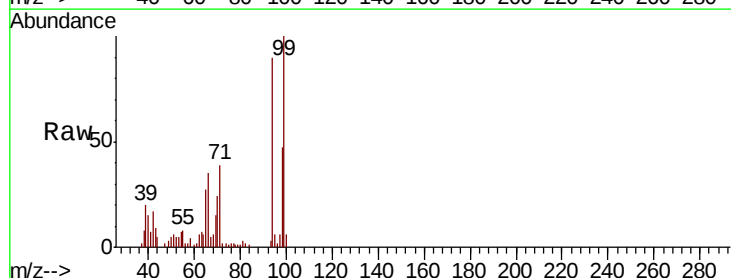
RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116759.D

Acq: 1 Sep 2019 22:46

Tgt Ion:	94	Resp:	17853
Ion Ratio	Lower	Upper	
94	100		
65	29.8	10.8	50.8
66	38.9	21.1	61.1





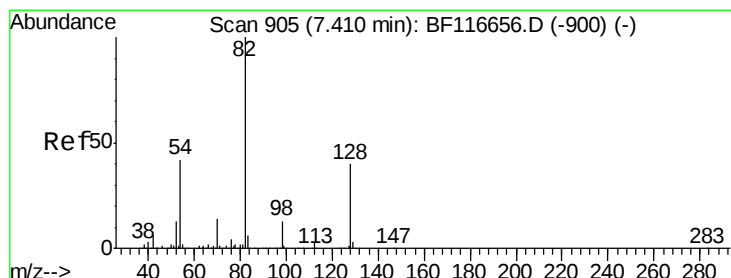
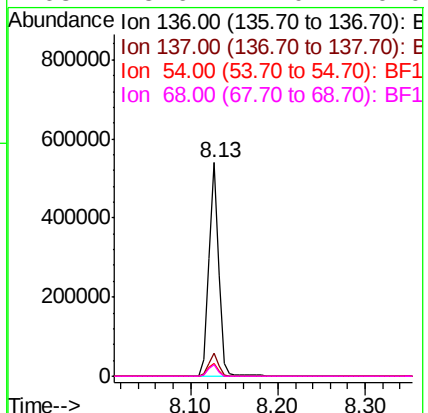
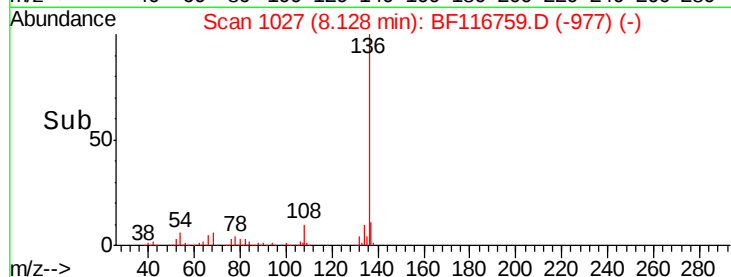
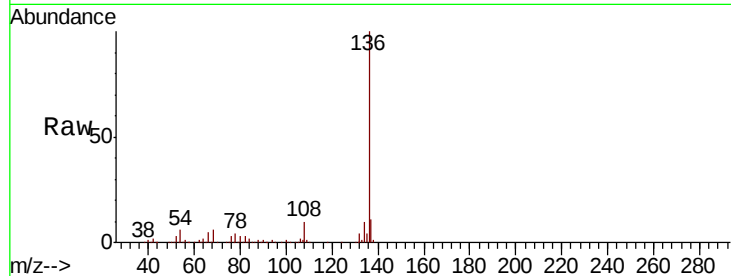
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

Instrument :
BNA_F
ClientSampleId :
GS-STOCKPILE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		424716		
137	10.7		8.9	13.3	
54	6.1		4.8	7.2	
68	5.6		4.0	6.0	

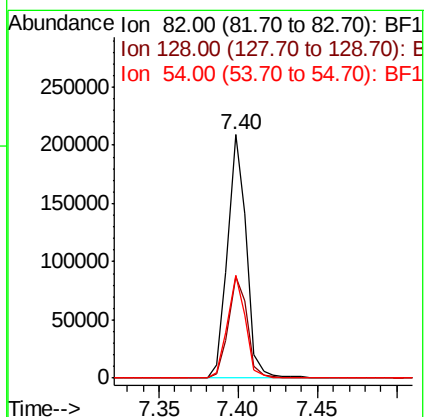
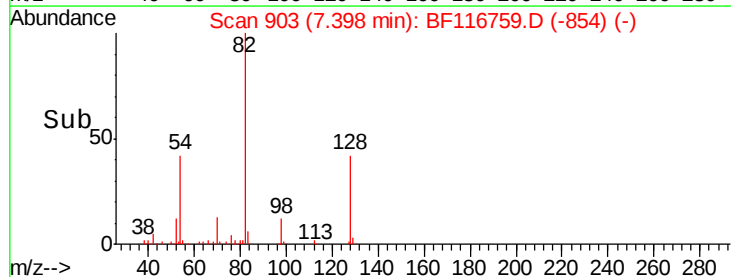
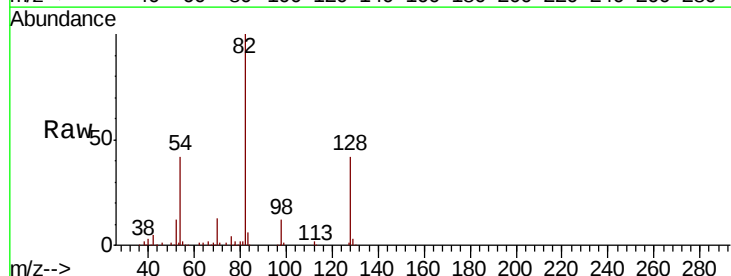
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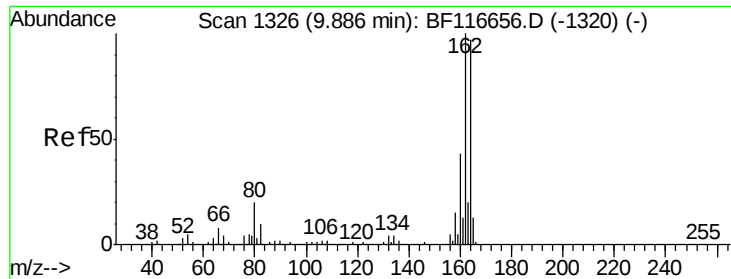
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#23
Nitrobenzene-d5
Concen: 23.153 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		172256		
128	41.8		32.8	49.2	
54	42.0		36.9	55.3	





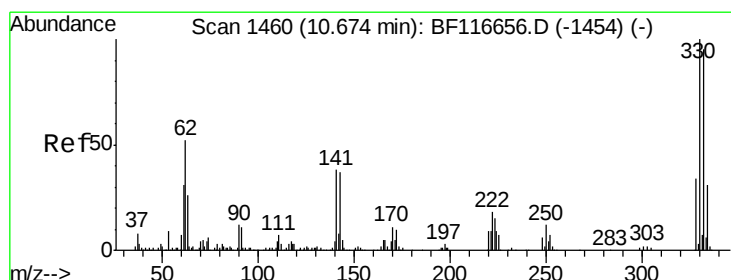
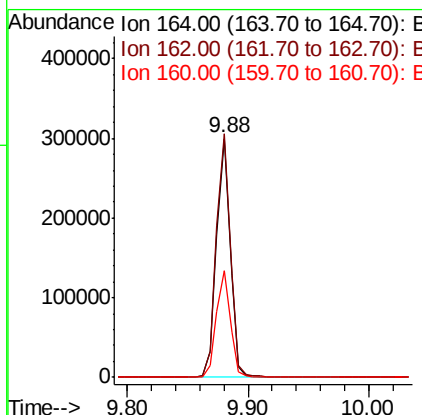
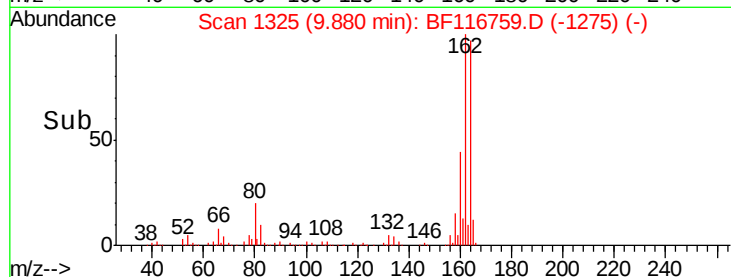
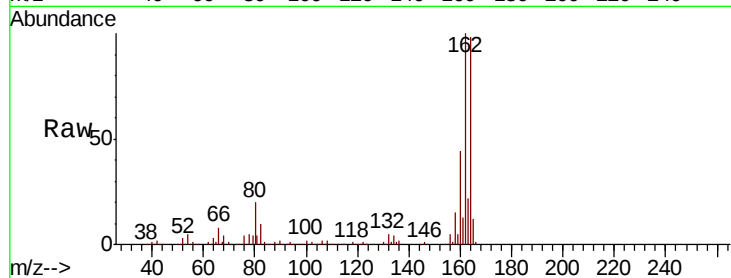
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

Instrument :
BNA_F
ClientSampleId :
GS-STOCKPILE

Tot Ion	Ratio	Resp	Lower	Upper
164	100	235069		
162	102.0		81.4	122.0
160	44.8		35.4	53.2

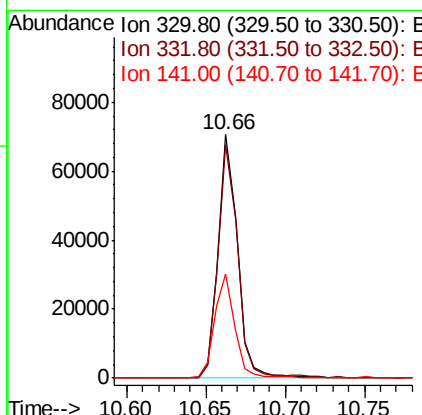
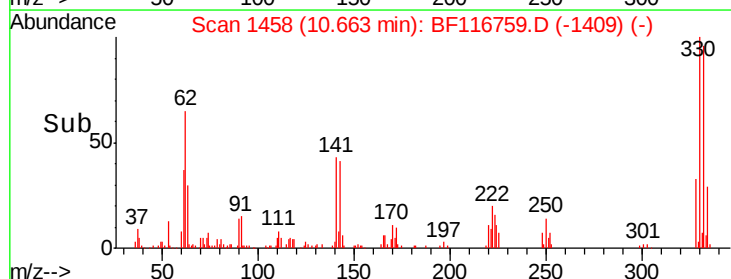
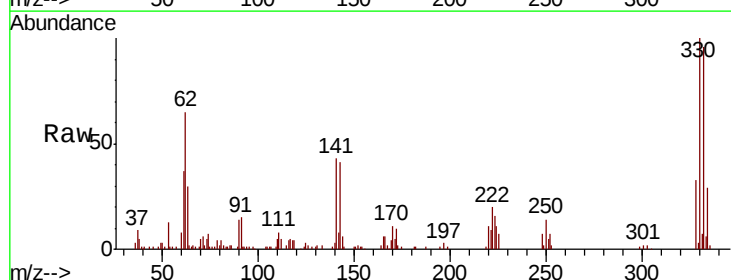
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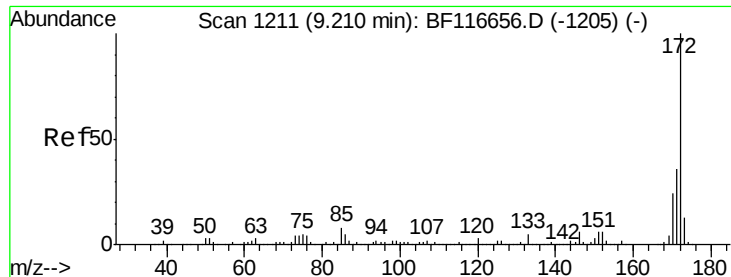
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#42
2,4,6-Tribromophenol
Concen: 38.117 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	59901		
332	97.6		76.9	115.3
141	44.1		31.4	47.2





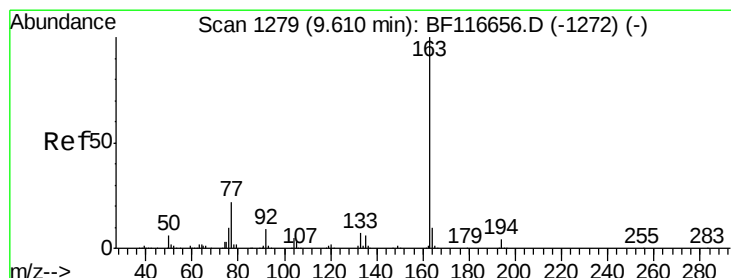
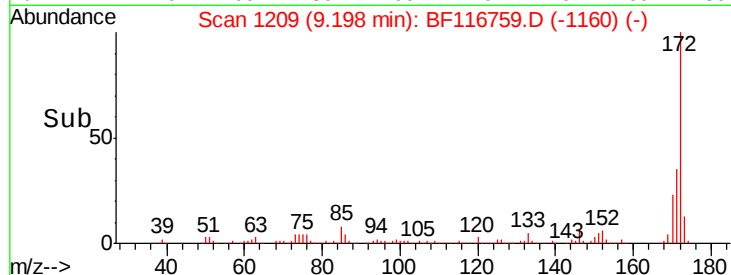
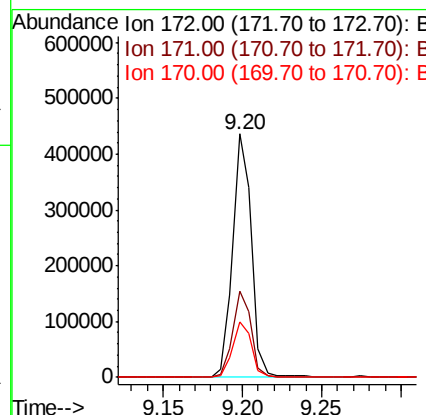
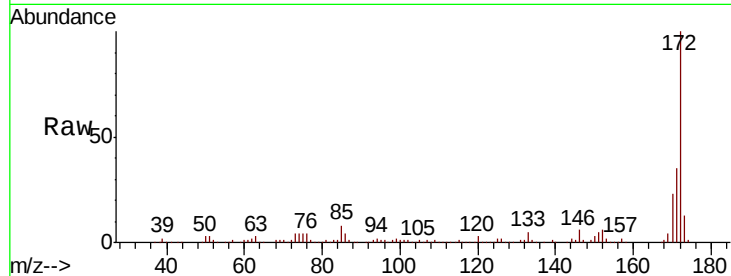
#45
2-Fluorobiphenyl
Concen: 25.768 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

Instrument :
BNA_F
ClientSampleId :
GS-STOCKPILE

Tot Ion	Ratio	Resp	Lower	Upper
172	100	359074		
171	35.2		27.8	41.6
170	22.9		18.9	28.3

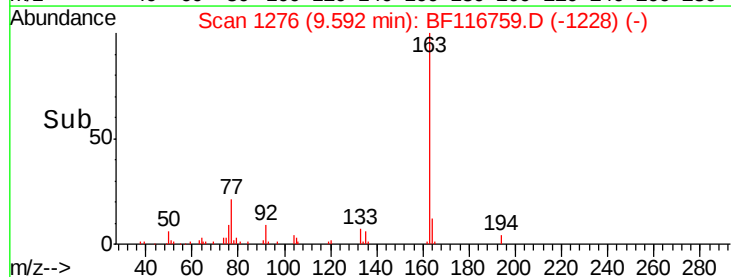
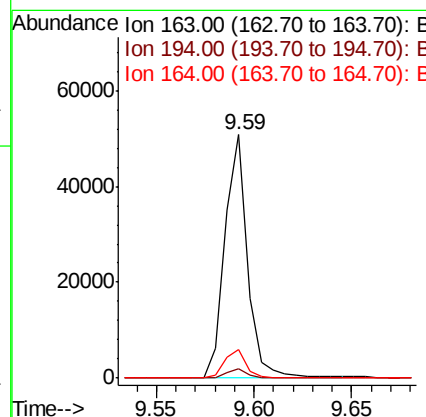
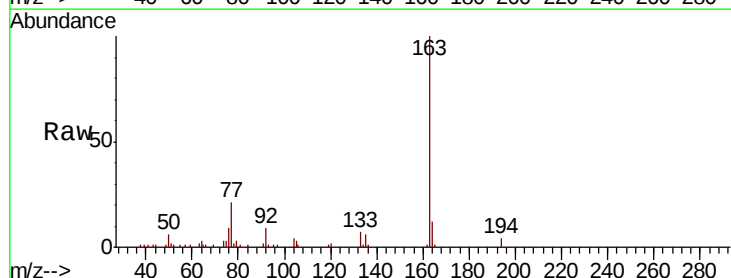
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#50
Dimethylphthalate
Concen: 2.536 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	41158		
194	3.8		2.8	4.2
164	11.8		8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116759.D

Acq: 1 Sep 2019 22:46

Instrument :

BNA_F

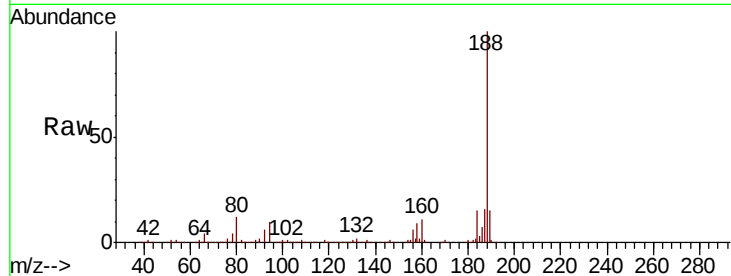
ClientSampleId :

GS-STOCKPILE

Tot Ion:	188	Resp:	402127
Ion Ratio	Lower	Upper	
188	100		
94	10.1	7.3	10.9
80	11.6	8.4	12.6

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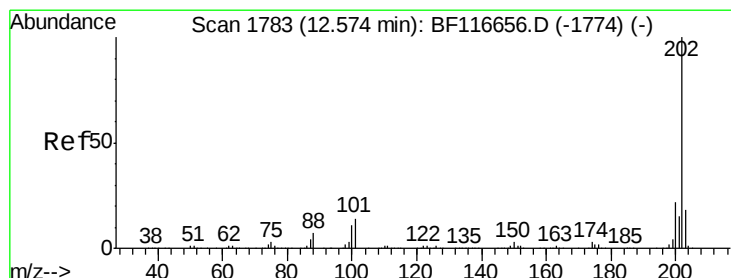
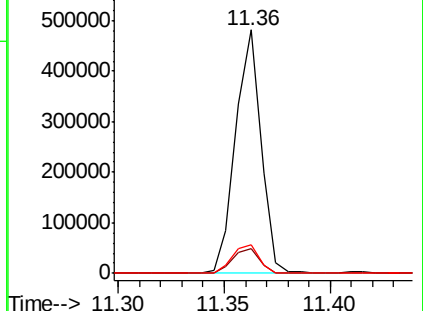
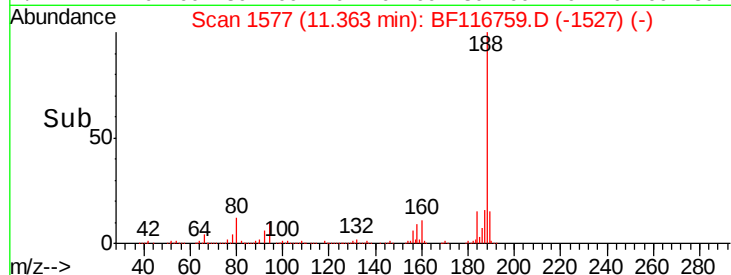
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 3.707 ng

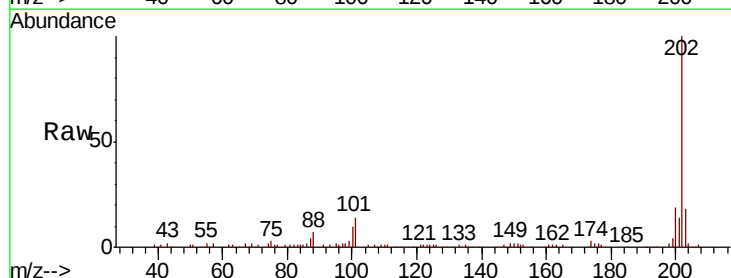
RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF116759.D

Acq: 1 Sep 2019 22:46

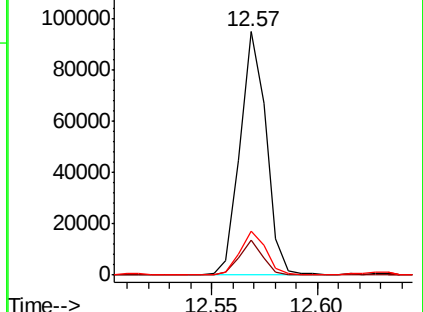
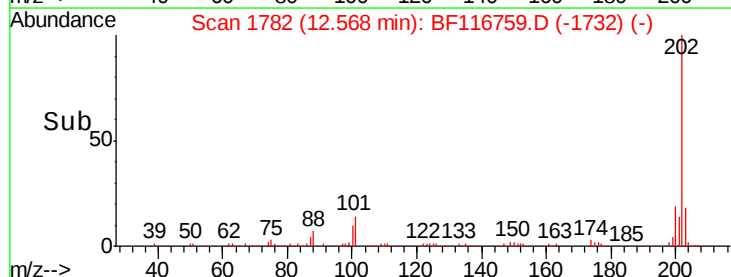
Tgt Ion:	202	Resp:	81557
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	31.3
203	17.9	0.0	37.6

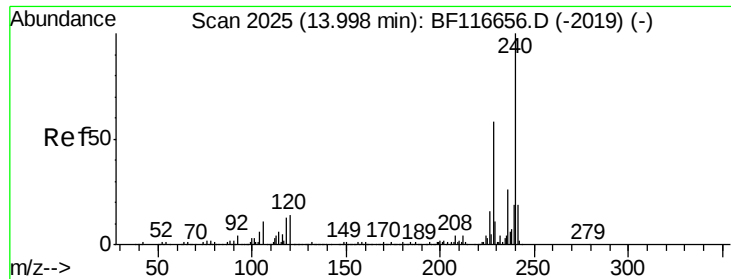


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





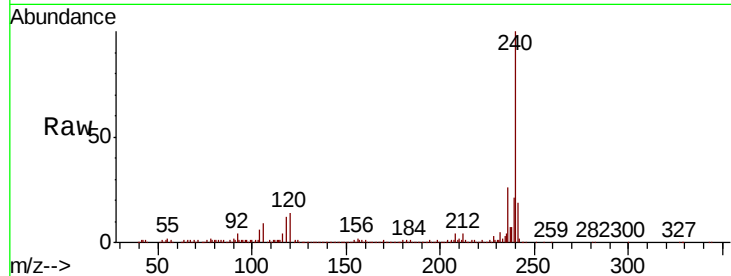
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

Instrument :
BNA_F
ClientSampleId :
GS-STOCKPILE

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.1	13.7
236	25.6	21.1	31.7

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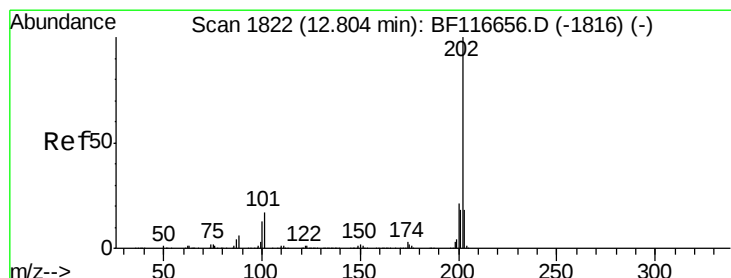
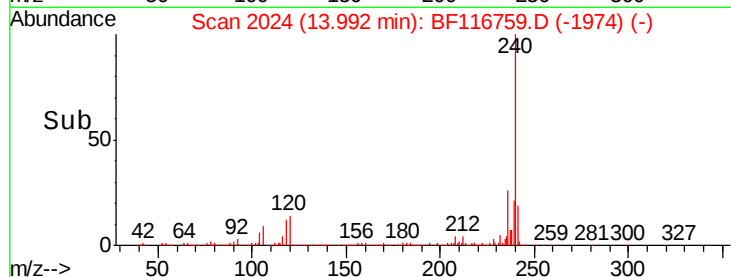
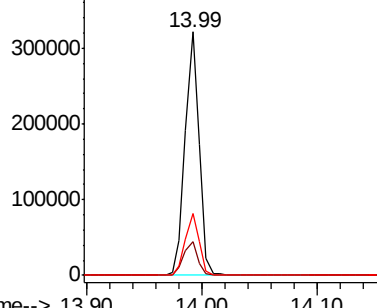


Abundance

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: 3.048 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

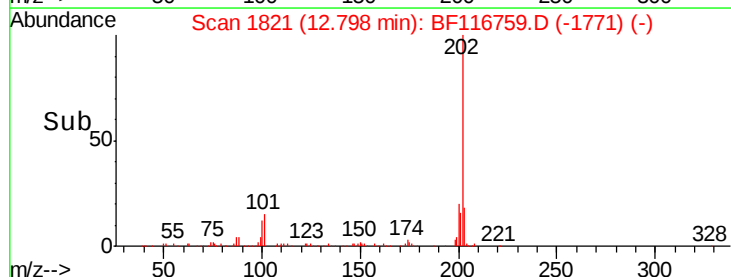
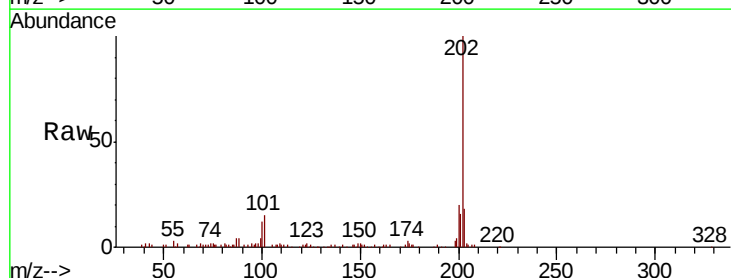
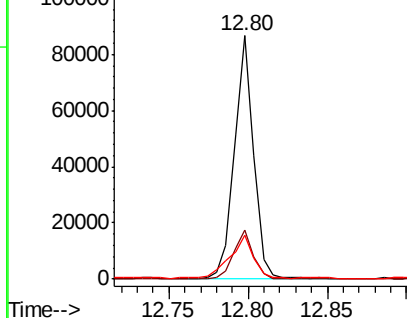
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.5	24.7
203	18.0	13.7	20.5

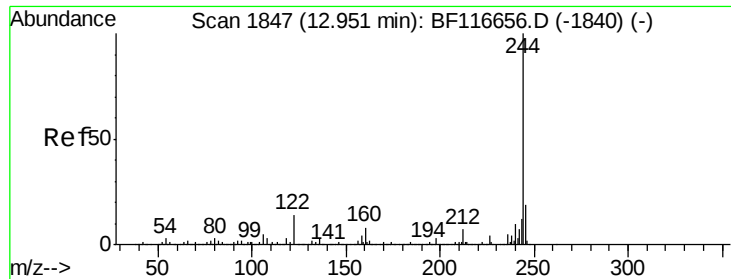
Abundance

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





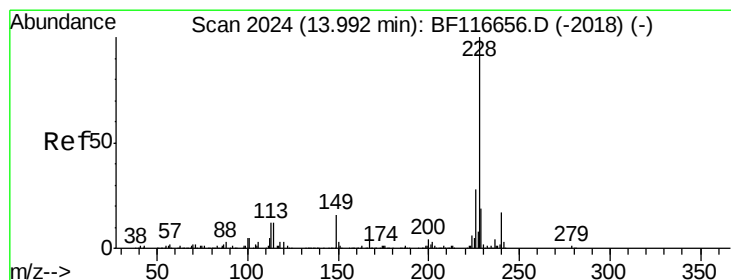
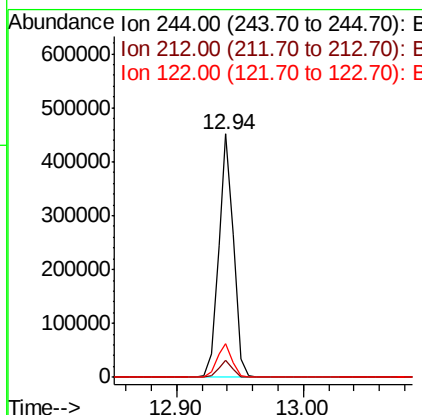
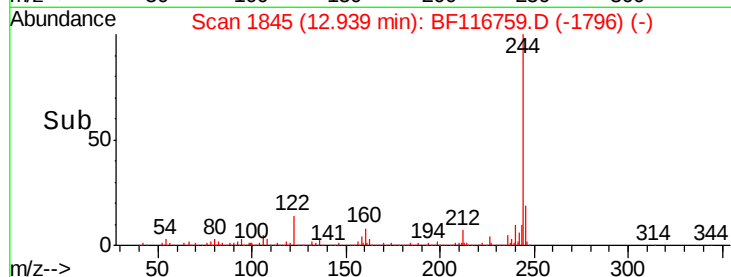
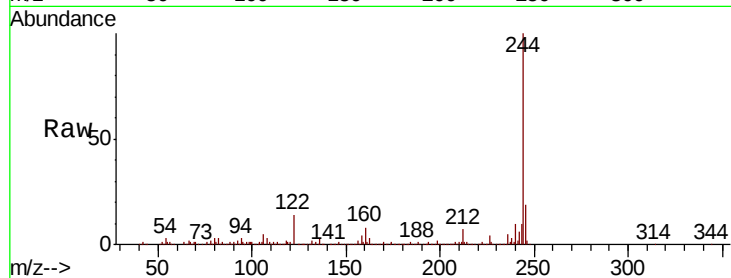
#79
 Terphenyl-d14
 Concen: 25.240 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116759.D
 Acq: 1 Sep 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 GS-STOCKPILE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	13.8	10.2	15.4

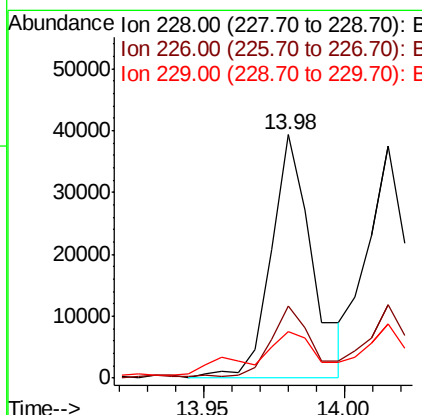
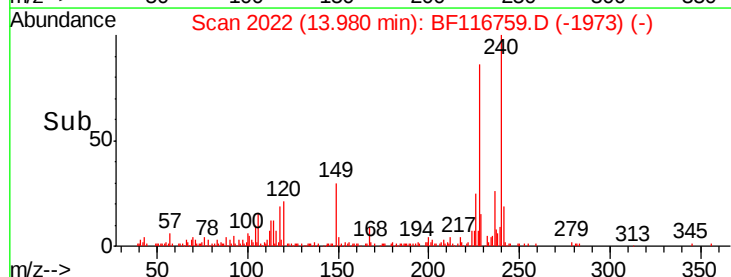
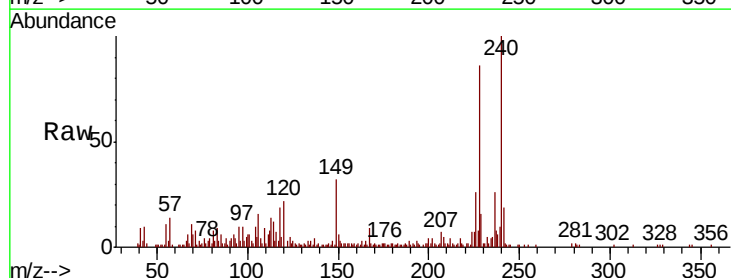
Manual Integrations
 APPROVED

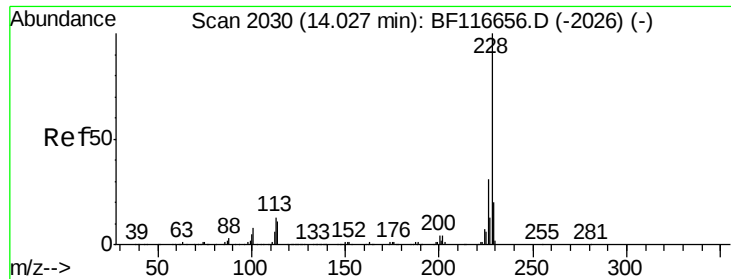
mohammad
 9/5/2019 9:55:04 AM



#81
 Benzo(a)anthracene
 Concen: 2.305 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF116759.D
 Acq: 1 Sep 2019 22:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.0	33.0
229	18.9	16.4	24.6





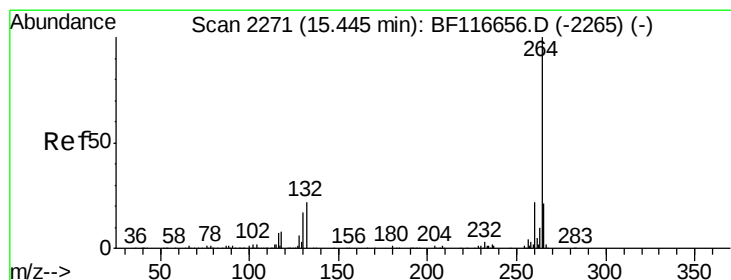
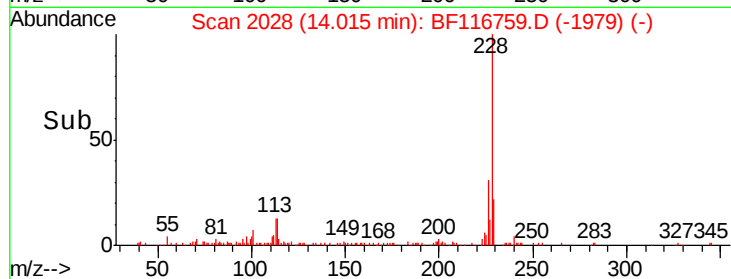
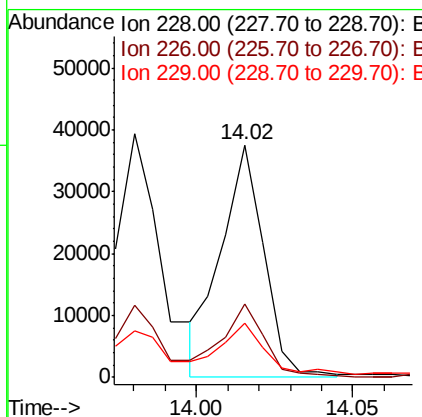
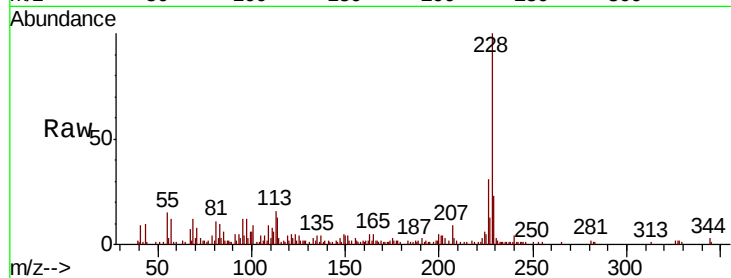
#83
Chrysene
Concen: 2.027 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

Instrument :
BNA_F
ClientSampleId :
GS-STOCKPILE

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	23.2	15.4	23.0

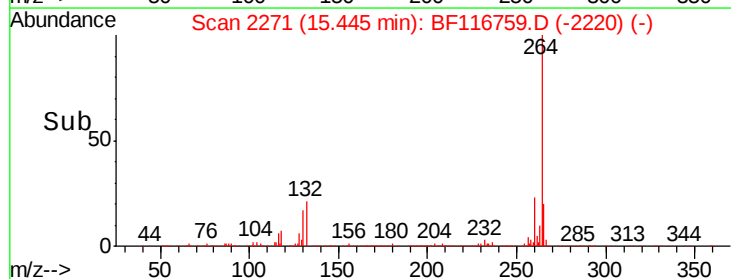
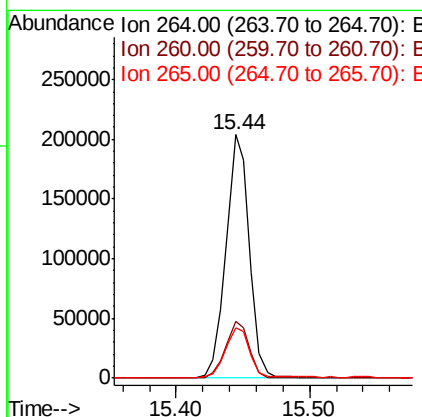
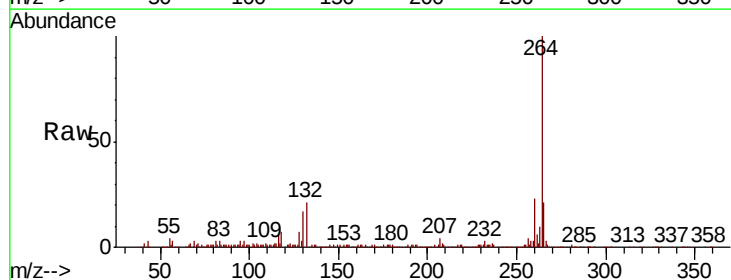
Manual Integrations
APPROVED

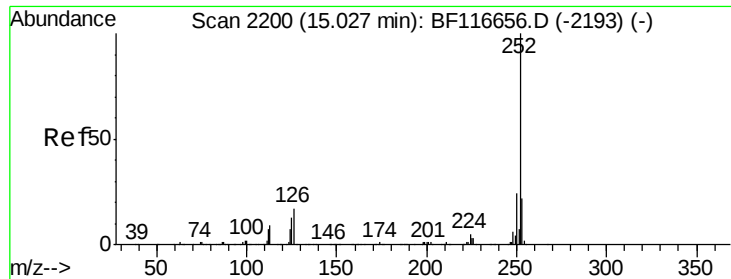
mohammad
9/5/2019 9:55:04 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	20.7	16.5	24.7





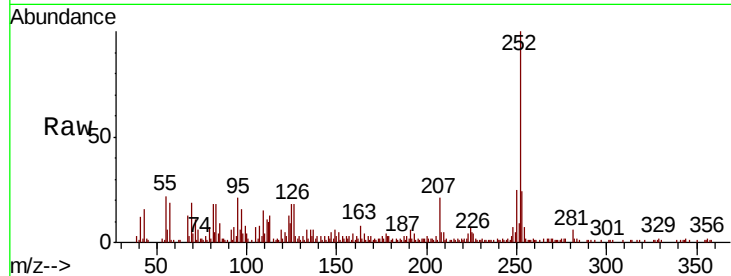
#88
Benzo(b)fluoranthene
Concen: 3.392 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

Instrument :
BNA_F
ClientSampleId :
GS-STOCKPILE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	17.9	8.2	12.2

Manual Integrations
APPROVED

mohammad
9/5/2019 9:55:04 AM

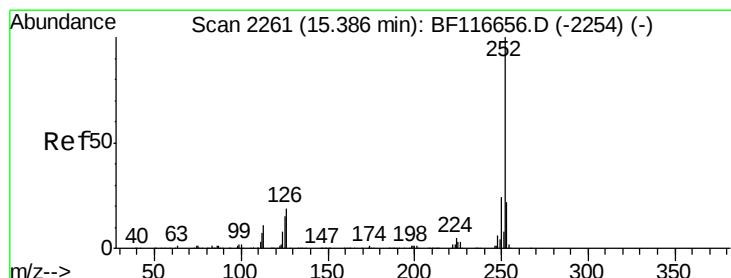
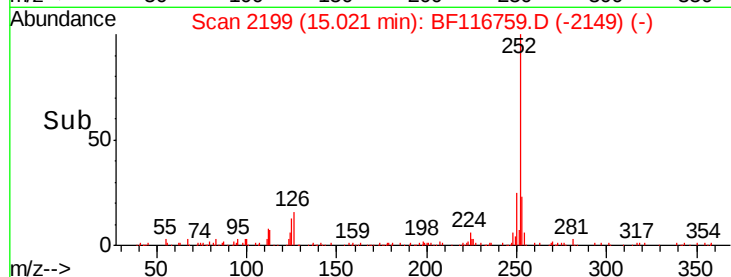
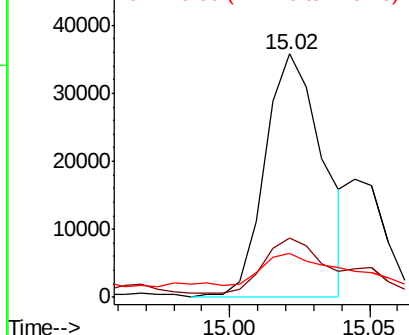


Abundance

Ion 252.00 (251.70 to 252.70): E

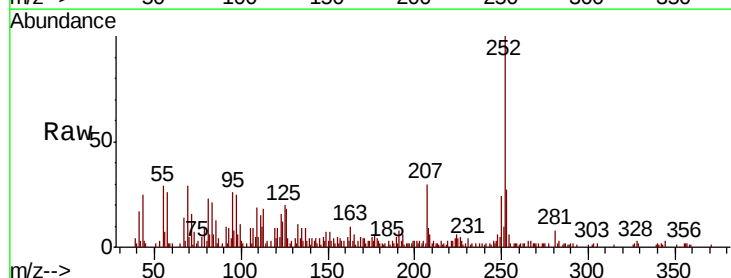
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.293 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF116759.D
Acq: 1 Sep 2019 22:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.1	27.1
125	19.6	9.8	14.8



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

