

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000364.D
 Acq On : 20 Sep 2019 19:13
 Operator : HP/JU
 Sample : K4972-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-046-A

Manual Integrations
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mohammad
 9/24/2019 8:34:13 AM

Quant Time: Sep 21 00:08:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	195272	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	756021	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	421066	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	725282	20.00	ng	0.00
76) Chrysene-d12	13.99	240	633363	20.00	ng	0.00
87) Perylene-d12	15.47	264	718060	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	205596	18.18	ng	0.00
7) Phenol-d6	6.42	99	277514	20.02	ng	0.00
23) Nitrobenzene-d5	7.35	82	140403	11.98	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	74344	17.80	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	351862	15.04	ng	0.00
79) Terphenyl-d14	12.92	244	372451	12.34	ng	-0.01
Target Compounds						
71) Phenanthrene	11.35	178	150256	4.134	ng	99
75) Fluoranthene	12.55	202	255814	6.555	ng	95
78) Pyrene	12.78	202	228133	4.814	ng	98
81) Benzo(a)anthracene	13.98	228	125502	3.137	ng	97
83) Chrysene	14.02	228	118356	3.013	ng	97
88) Benzo(b)fluoranthene	15.04	252	152046m	3.549	ng	
90) Benzo(a)pyrene	15.40	252	108003	2.771	ng	95

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

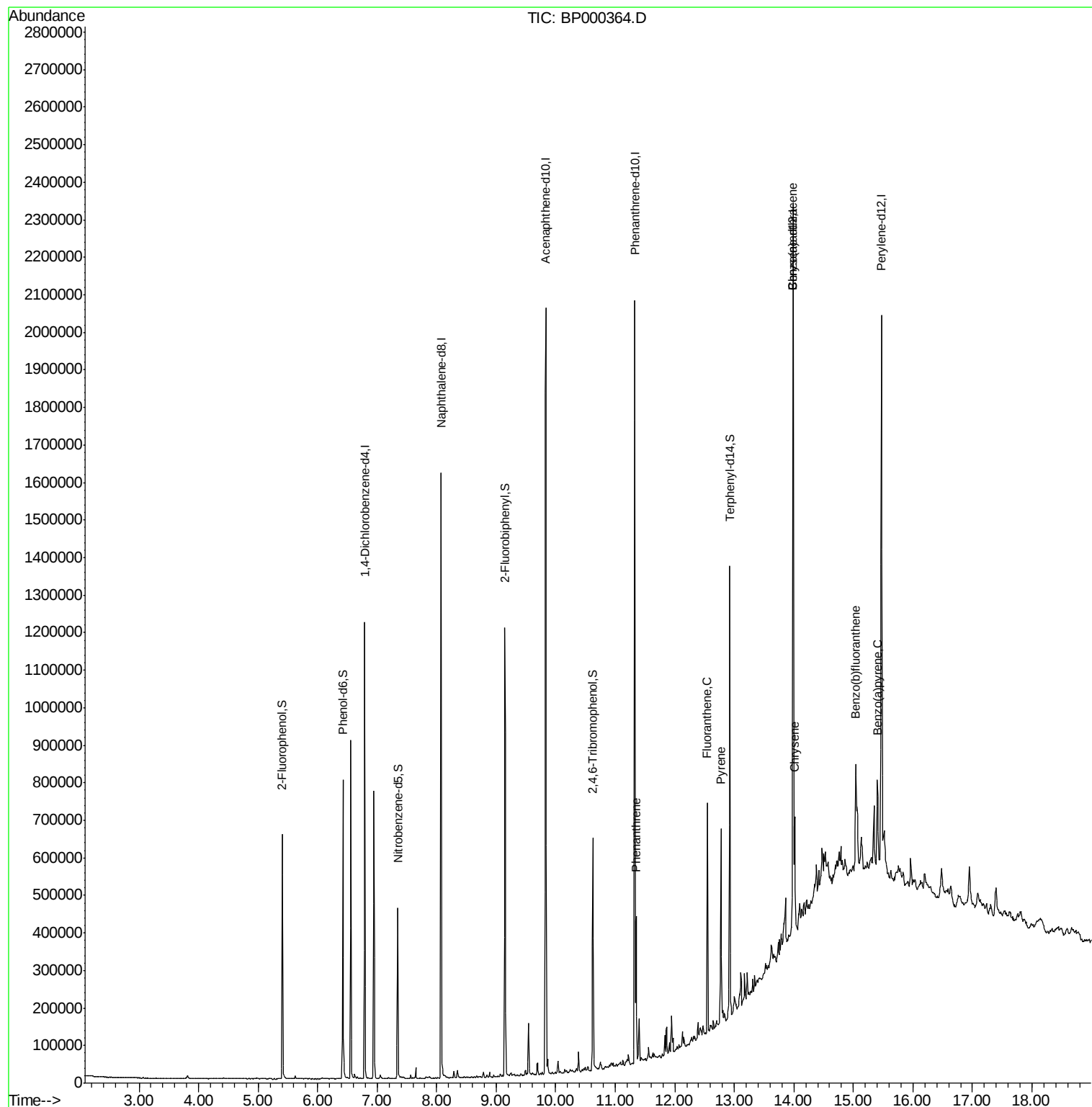
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
Data File : BP000364.D
Acq On : 20 Sep 2019 19:13
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ALS Vial : 24 Sample Multiplier: 1

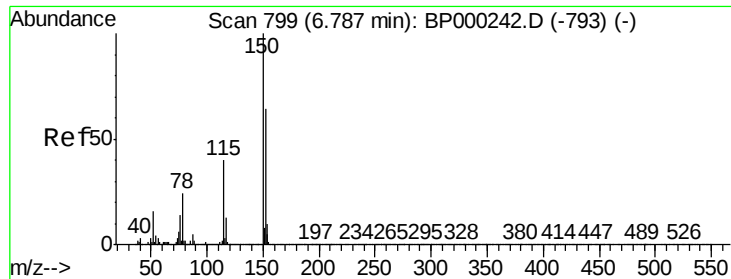
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

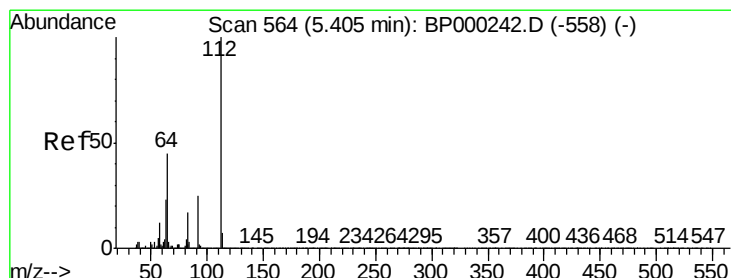
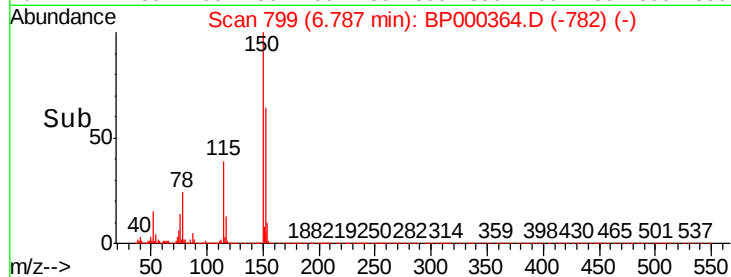
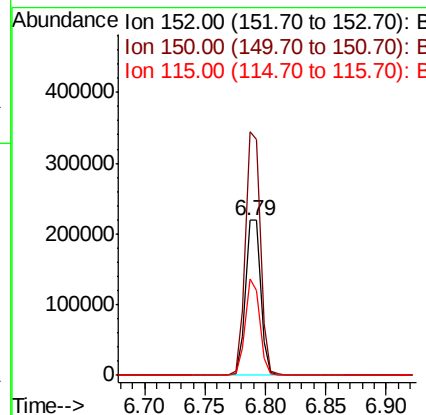
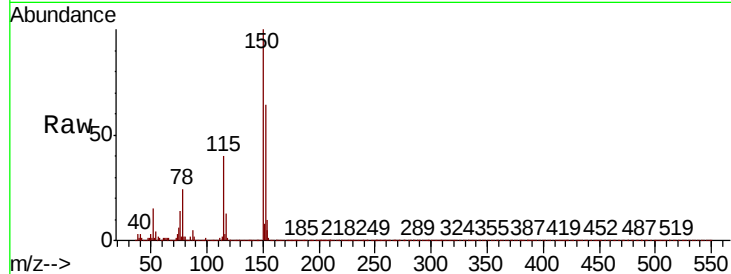
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000364.D
Acq: 20 Sep 2019 19:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Resp	Lower	Upper
152	100	195272		
150	156.9	125.2	187.8	
115	62.0	49.7	74.5	

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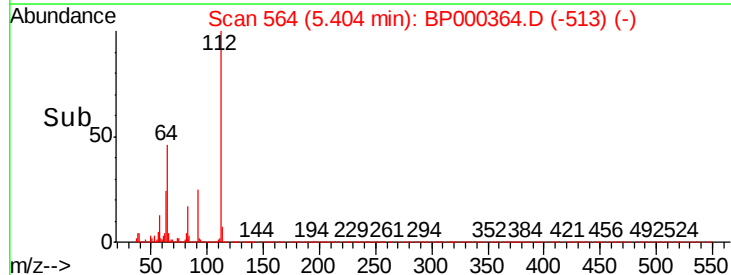
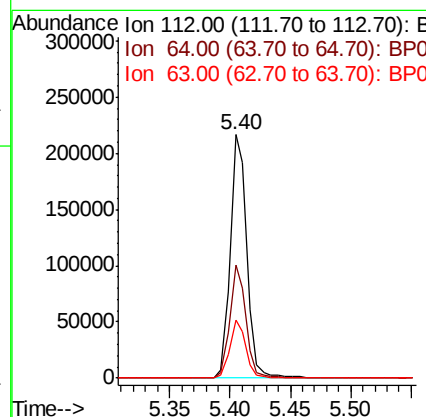
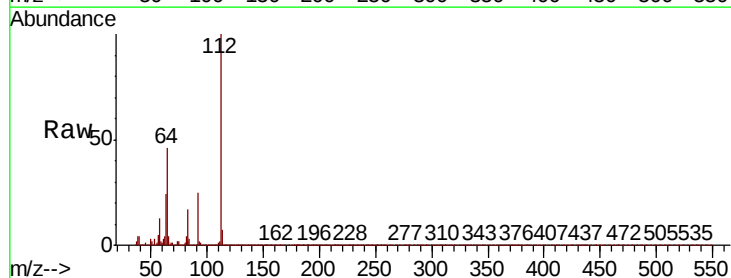
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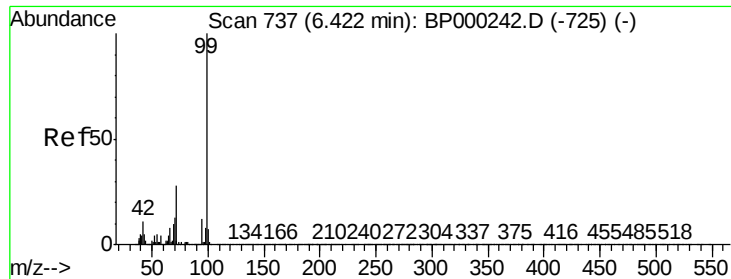


#5

2-Fluorophenol
Concen: 18.176 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BP000364.D
Acq: 20 Sep 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	205596		
64	46.3	36.2	54.4	
63	23.9	18.3	27.5	





#7

Phenol-d6

Concen: 20.015 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000364.D

Acq: 20 Sep 2019 19:13

Instrument :

BNA_P

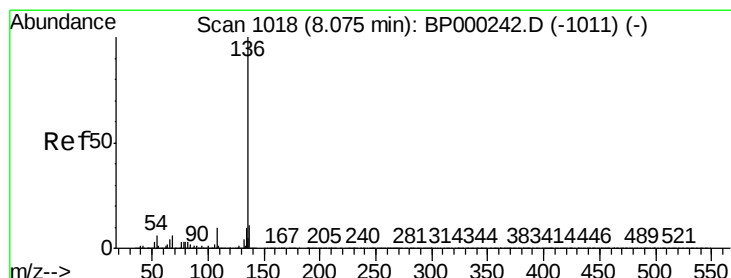
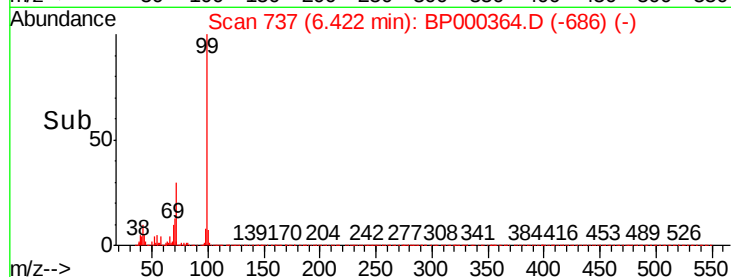
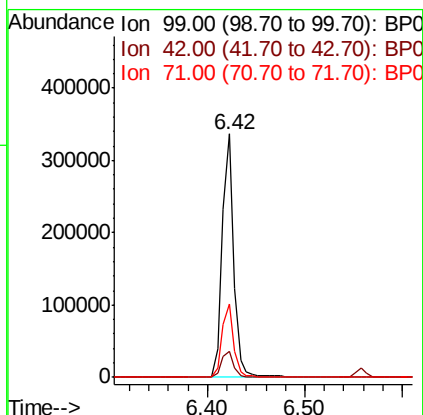
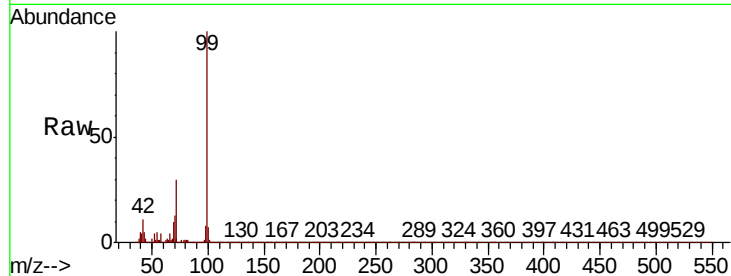
ClientSampleId :

FK-GF-02-046-A

Tot Ion:	99	Resp:	277514
Ion Ratio	Lower	Upper	
99	100		
42	10.5	8.5	12.7
71	30.4	22.6	34.0

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#21

Naphthalene-d8

Concen: 20.000 ng

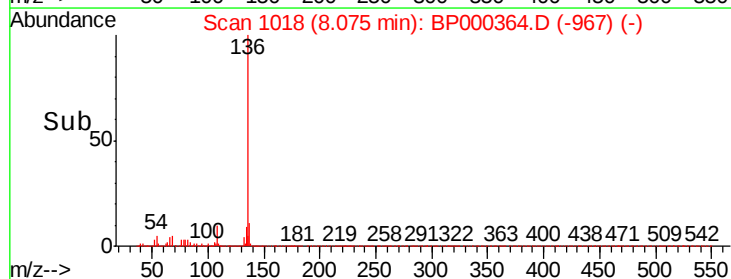
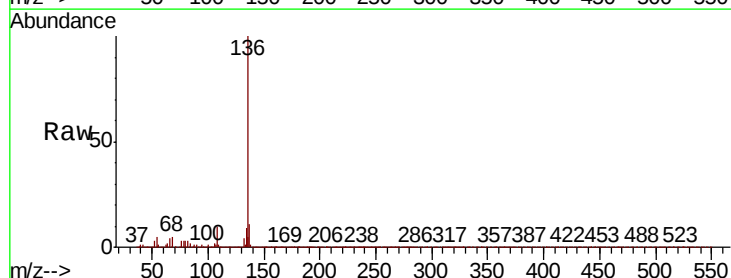
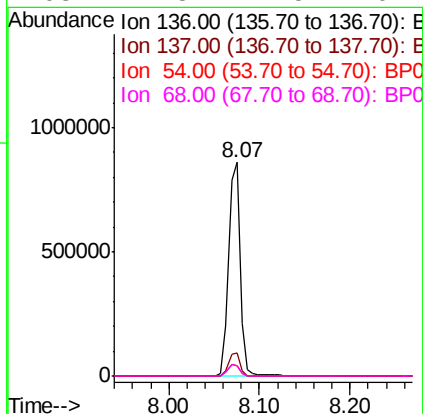
RT: 8.07 min Scan# 1018

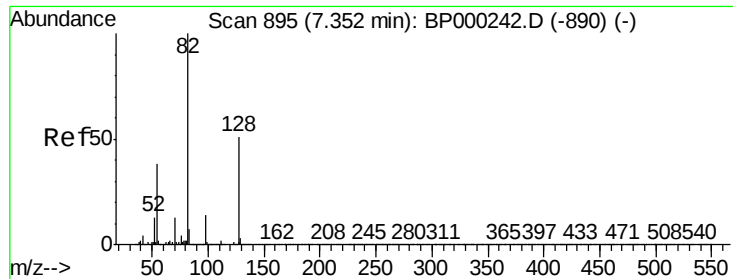
Delta R.T. -0.00 min

Lab File: BP000364.D

Acq: 20 Sep 2019 19:13

Tgt Ion:	136	Resp:	756021
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	4.9	4.5	6.7
68	4.8	4.5	6.7





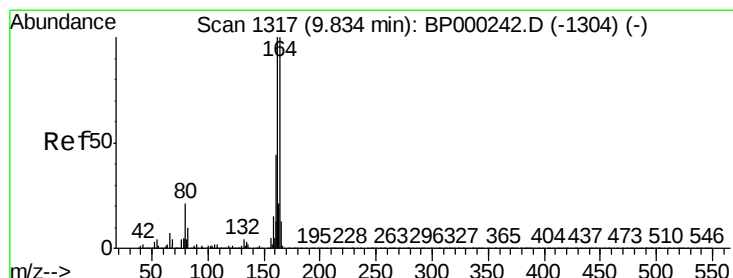
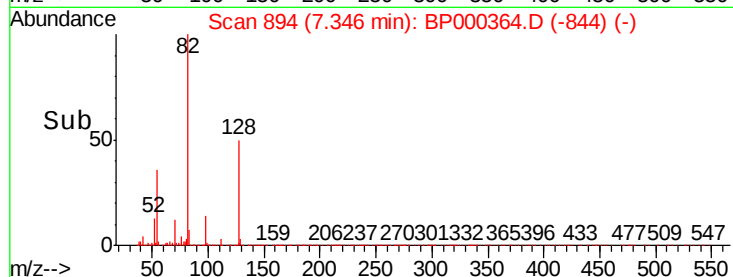
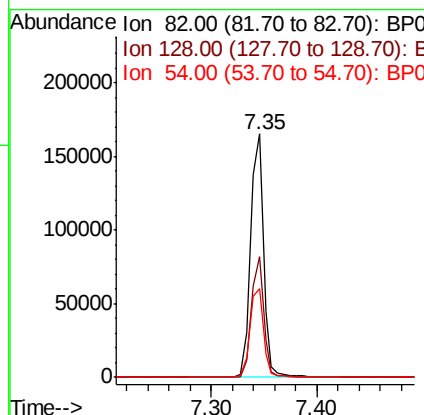
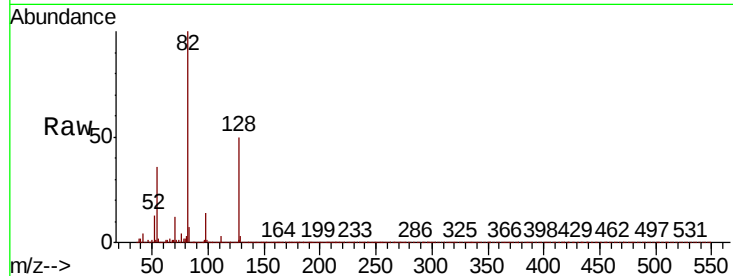
#23
Nitrobenzene-d5
Concen: 11.982 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000364.D
Acq: 20 Sep 2019 19:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100	140403		
128	49.8	40.7	61.1	
54	36.3	30.1	45.1	

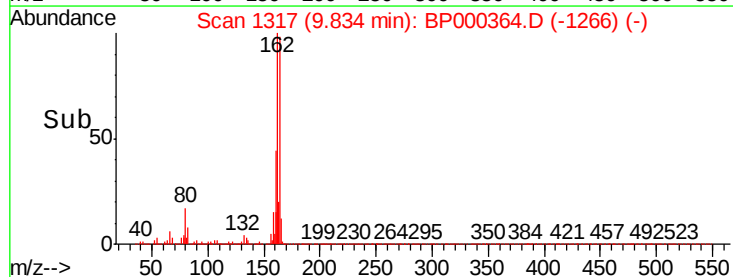
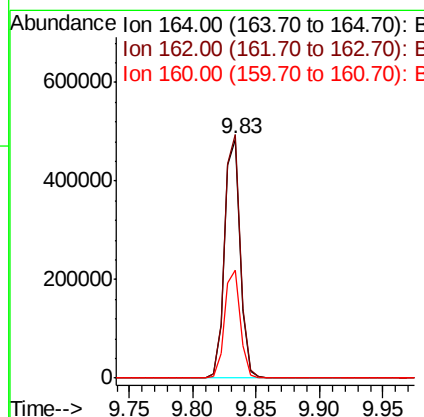
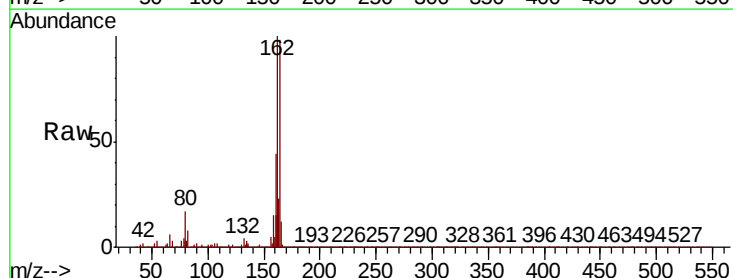
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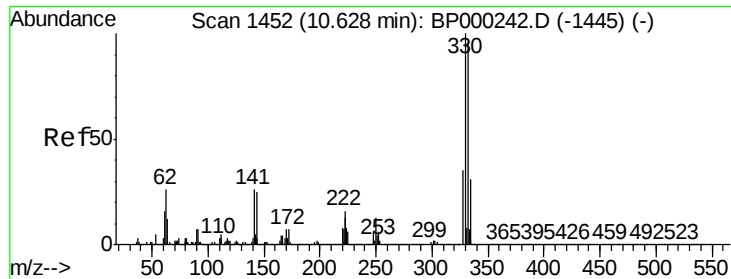
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000364.D
Acq: 20 Sep 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	421066		
162	102.0	79.9	119.9	
160	45.1	35.6	53.4	





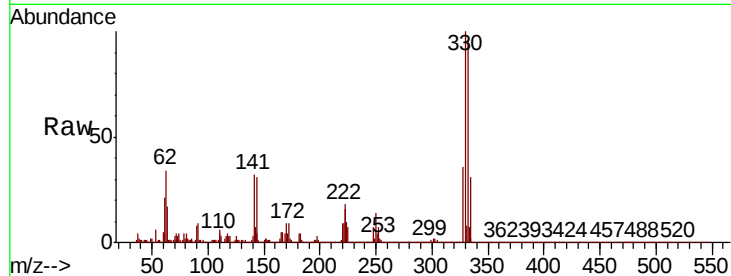
#42
2,4,6-Tribromophenol
Concen: 17.801 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000364.D
Acq: 20 Sep 2019 19:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	32.1	26.5	39.7

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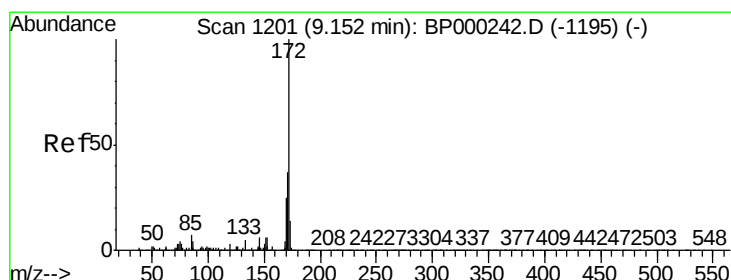
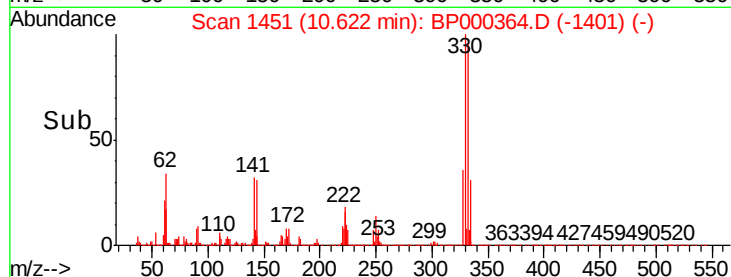
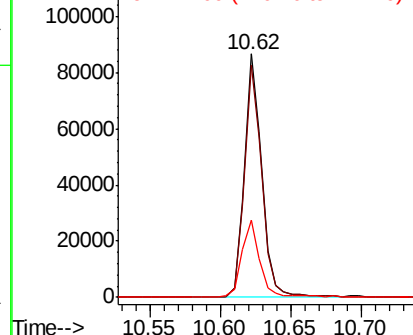


Abundance

Ion 329.80 (329.50 to 330.50): E

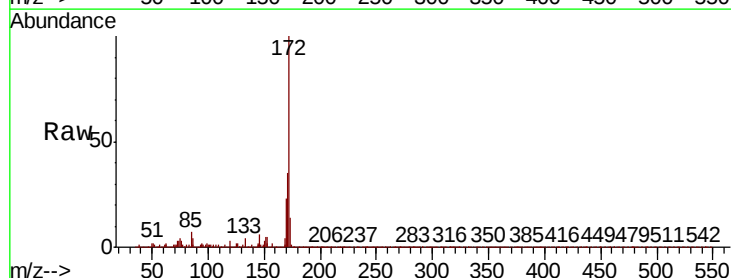
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 15.040 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000364.D
Acq: 20 Sep 2019 19:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.8	44.6
170	23.2	19.8	29.6

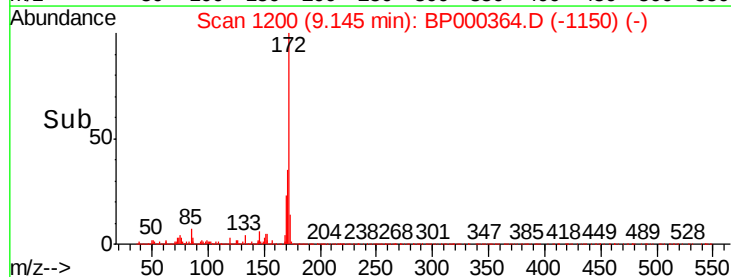
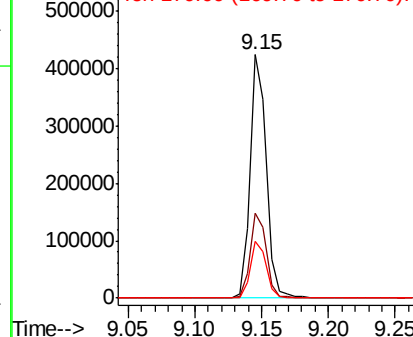


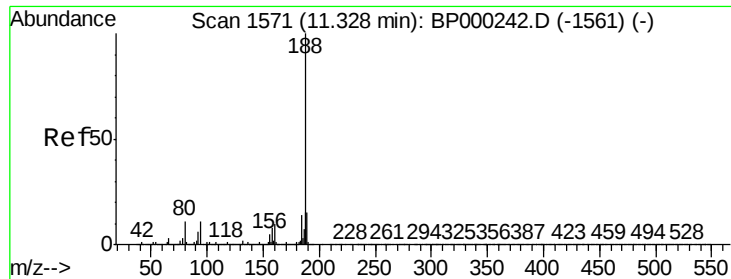
Abundance

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: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000364.D

Acq: 20 Sep 2019 19:13

Instrument :

BNA_P

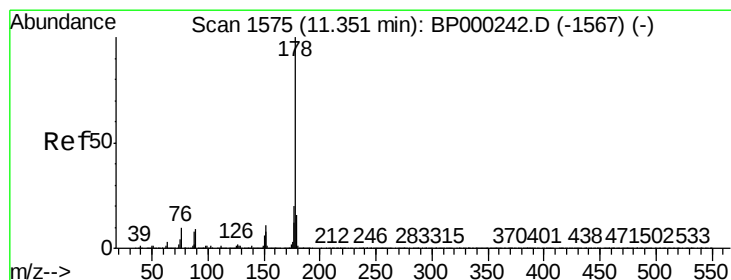
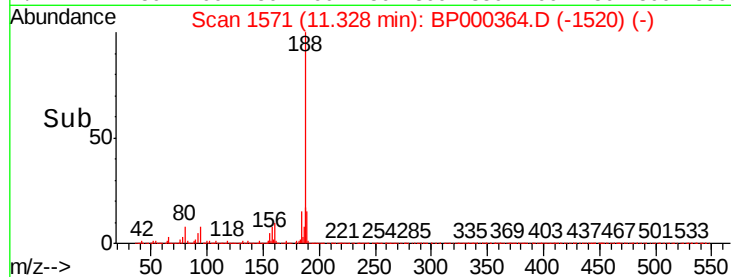
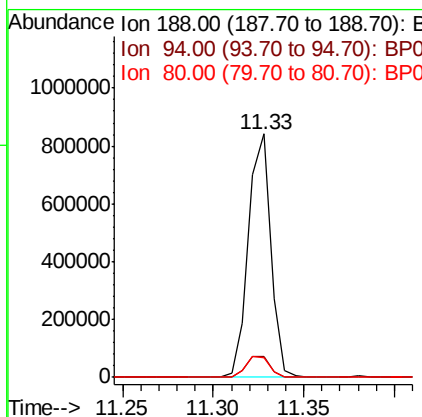
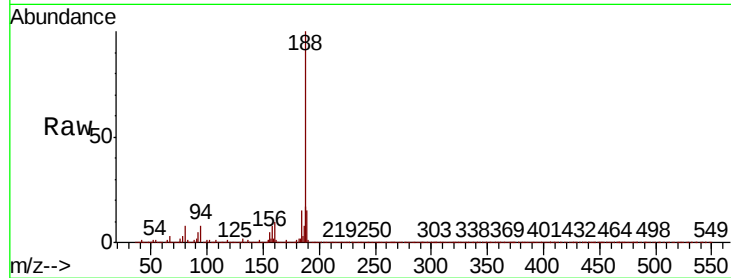
ClientSampleId :

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Tot Ion:	188	Resp:	725282
Ion Ratio	Lower	Upper	
188	100		
94	8.4	8.5	12.7#
80	8.1	8.6	13.0#

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#71

Phenanthrene

Concen: 4.134 ng

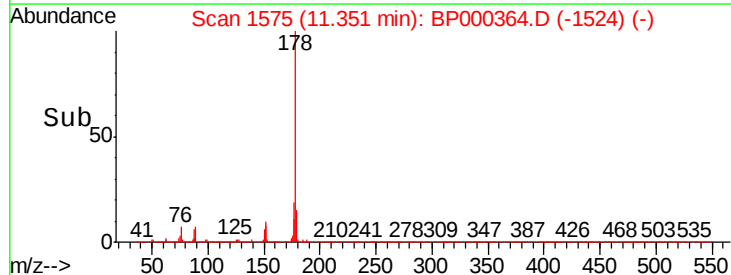
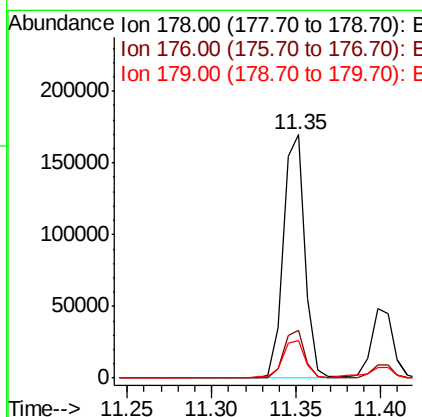
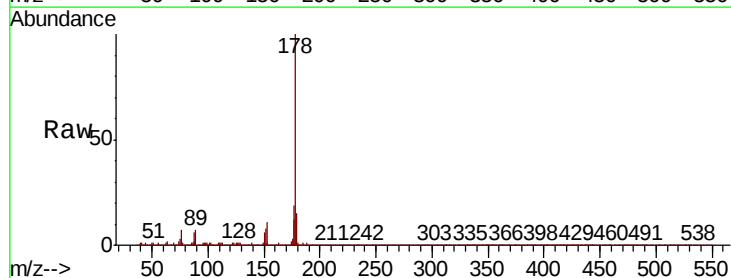
RT: 11.35 min Scan# 1575

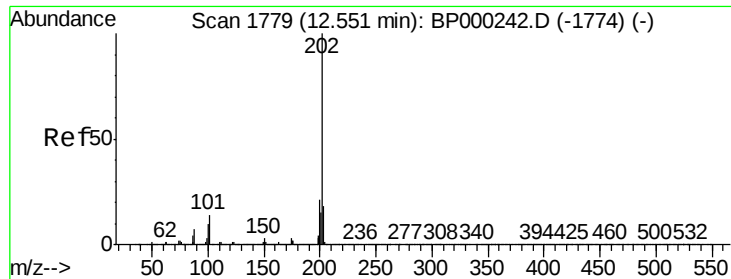
Delta R.T. -0.00 min

Lab File: BP000364.D

Acq: 20 Sep 2019 19:13

Tgt Ion:	178	Resp:	150256
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.8	23.8
179	15.3	12.7	19.1





#75

Fluoranthene

Concen: 6.555 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000364.D

Acq: 20 Sep 2019 19:13

Instrument :

BNA_P

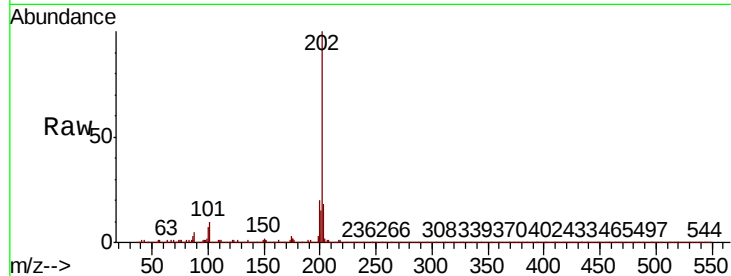
ClientSampleId :

FK-GF-02-046-A

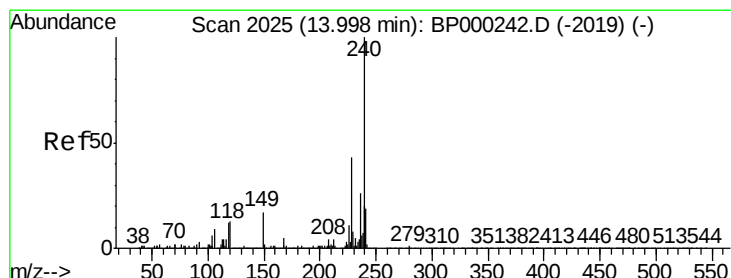
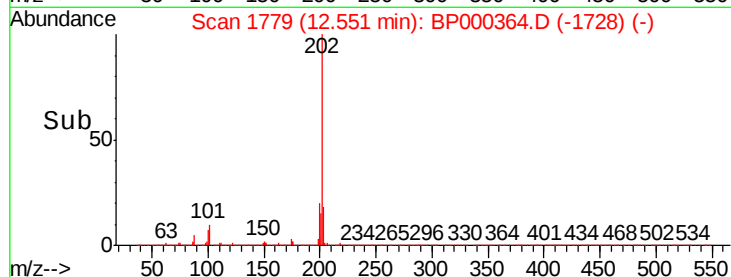
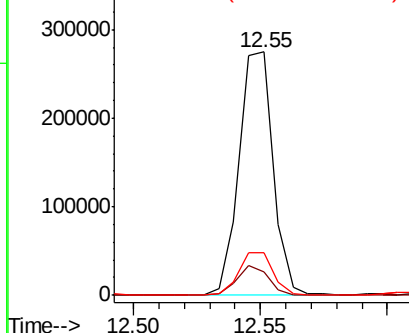
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		255814		
101	9.6	0.0	33.9		
203	17.7	0.0	38.0		

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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

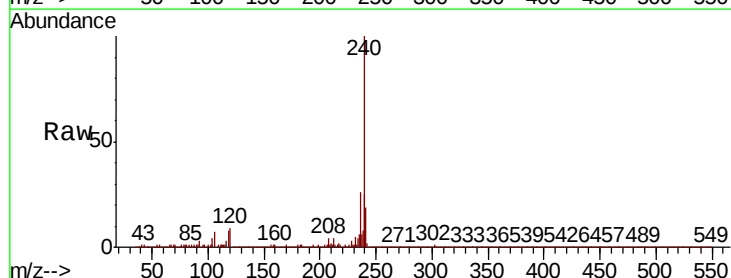
RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

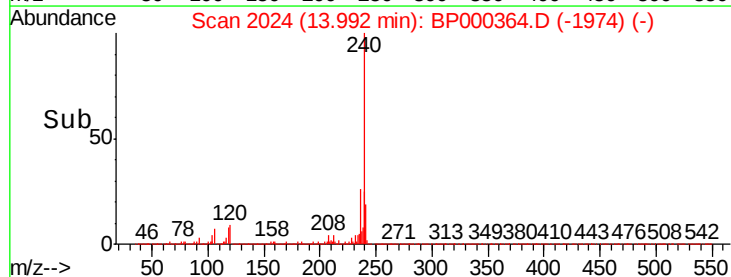
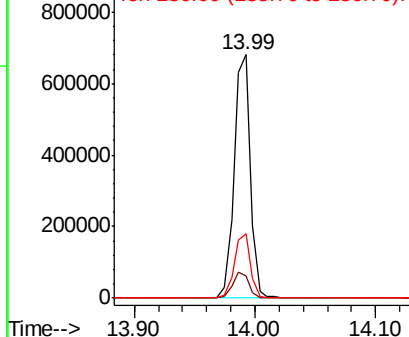
Lab File: BP000364.D

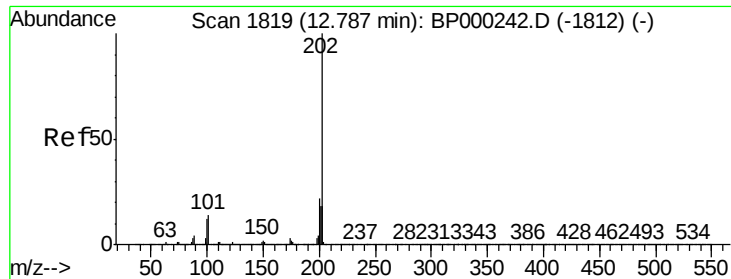
Acq: 20 Sep 2019 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		633363		
120	9.3	10.4	15.6#		
236	26.2	21.0	31.6		



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





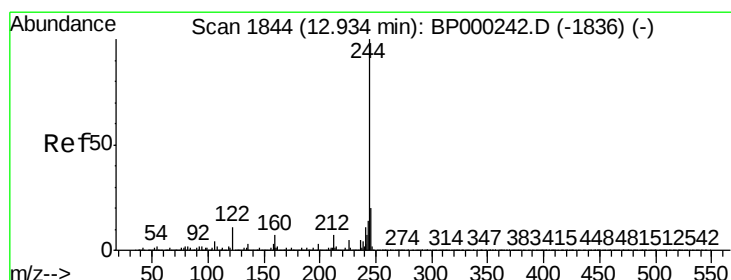
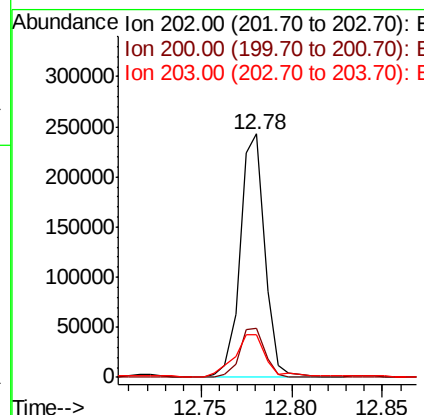
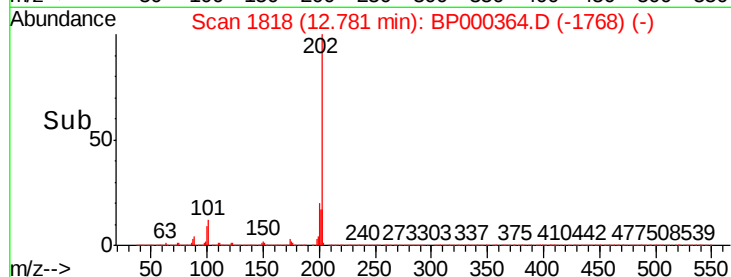
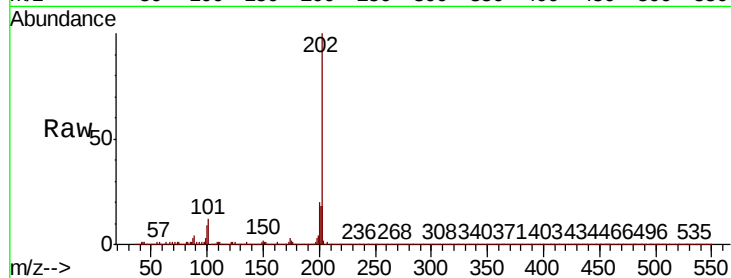
#78
Pvrene
Concen: 4.814 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000364.D
Acq: 20 Sep 2019 19:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	17.5	26.3
203	17.5	14.3	21.5

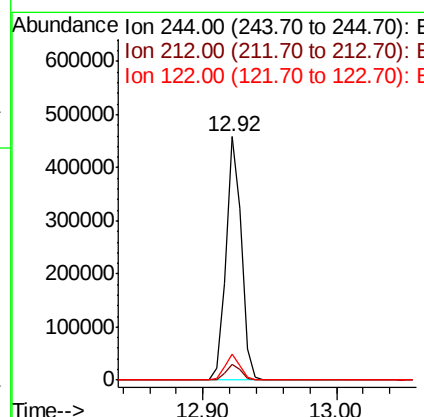
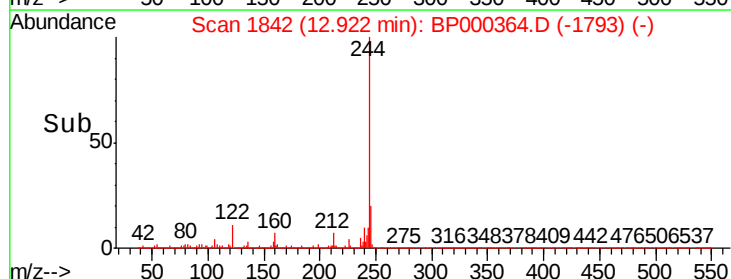
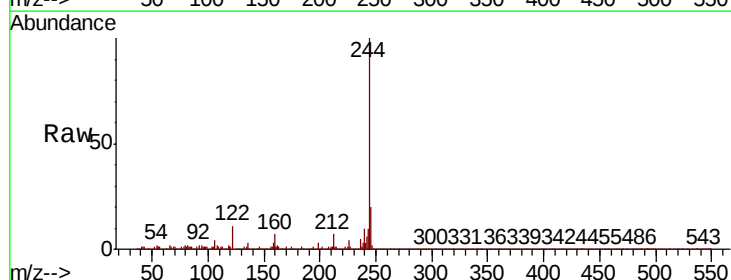
Manual Integrations
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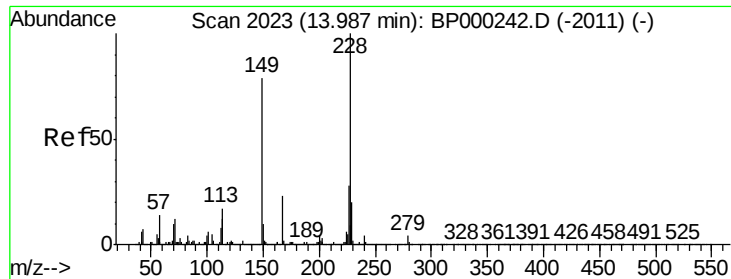
mohammad
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#79
Terphenyl-d14
Concen: 12.336 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BP000364.D
Acq: 20 Sep 2019 19:13

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.9	8.9
122	10.7	9.0	13.4





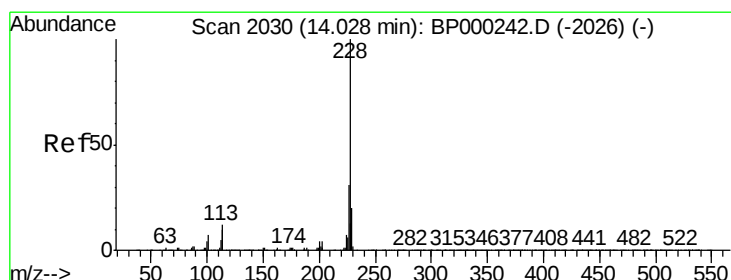
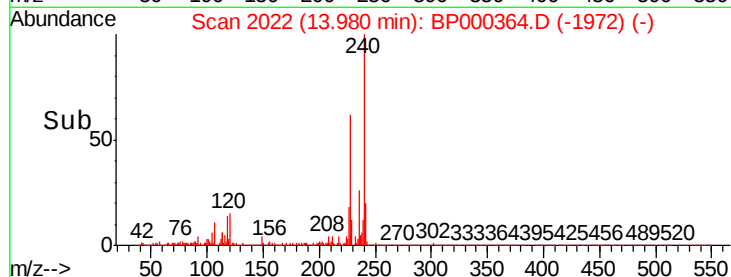
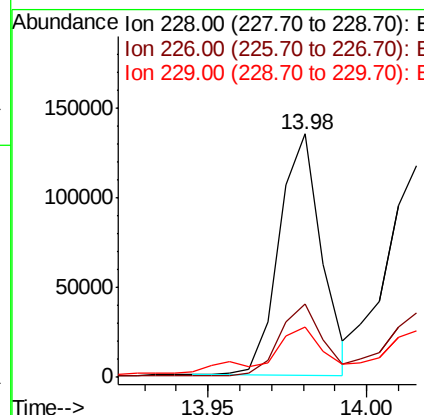
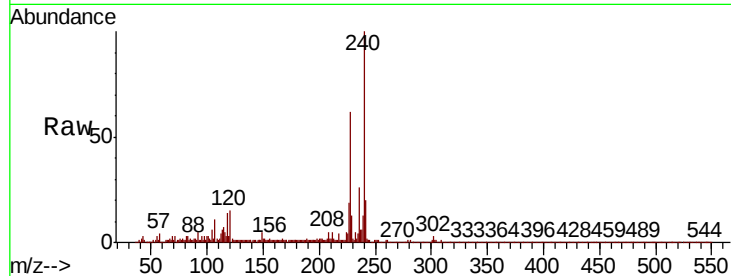
#81
Benzo(a)anthracene
Concen: 3.137 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP000364.D
Acq: 20 Sep 2019 19:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.2	33.4
229	20.6	16.0	24.0

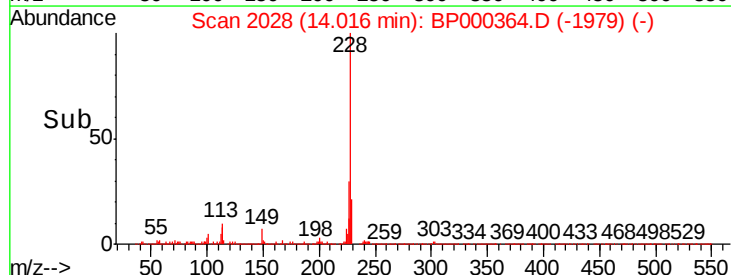
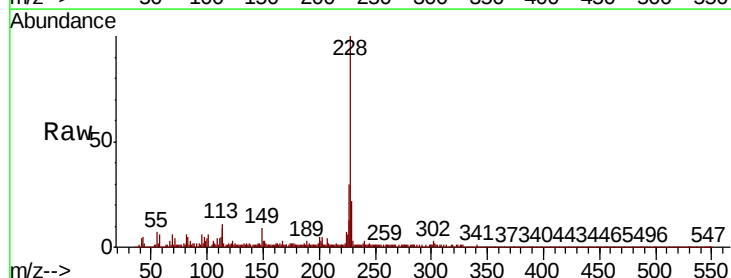
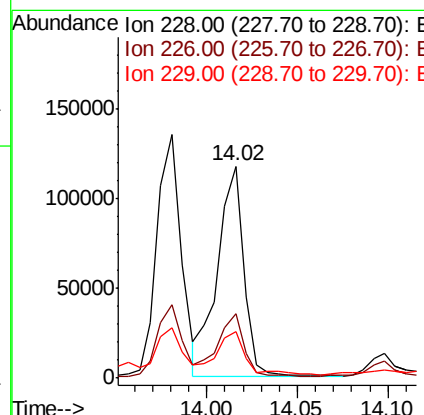
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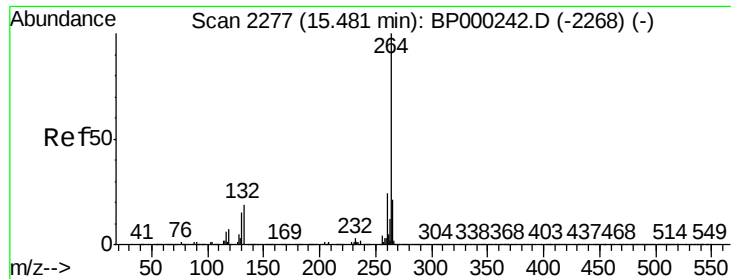
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#83
Chrysene
Concen: 3.013 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP000364.D
Acq: 20 Sep 2019 19:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.2	16.2	24.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BP000364.D

Acq: 20 Sep 2019 19:13

Instrument :

BNA_P

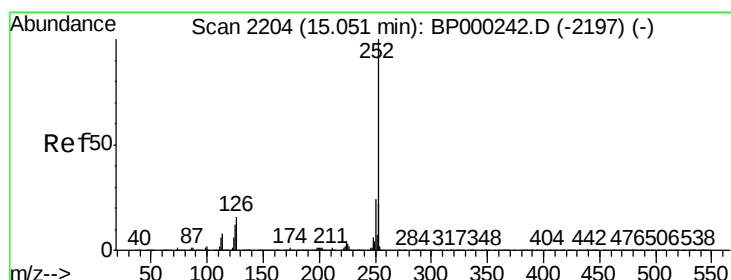
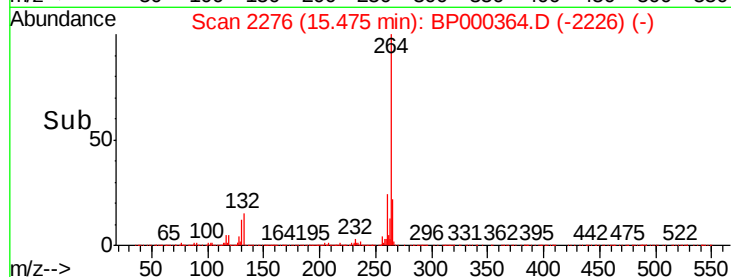
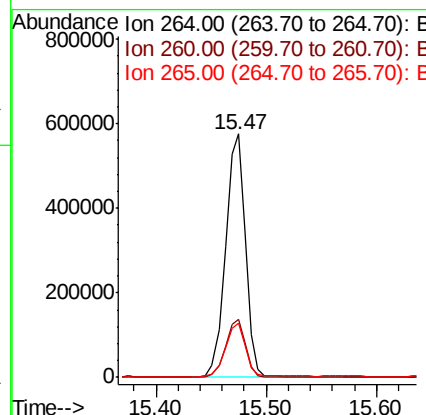
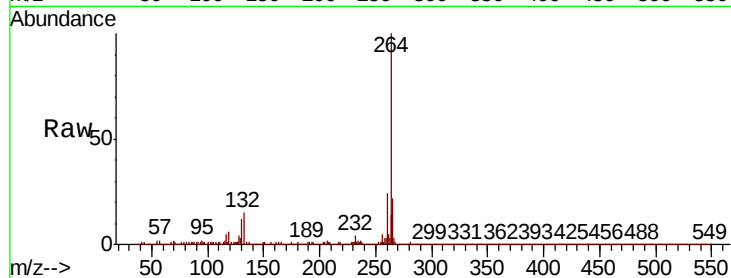
ClientSampleId :

FK-GF-02-046-A

Tot Ion:	264	Resp:	718060
Ion Ratio		Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.0	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 3.549 ng m

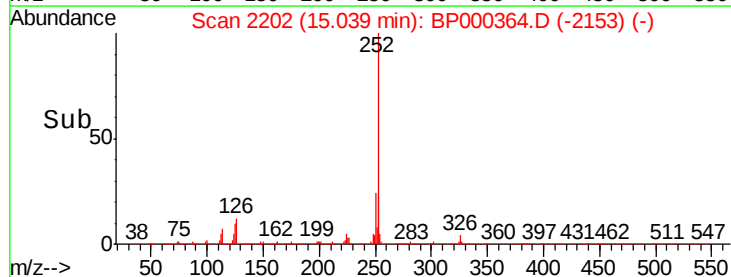
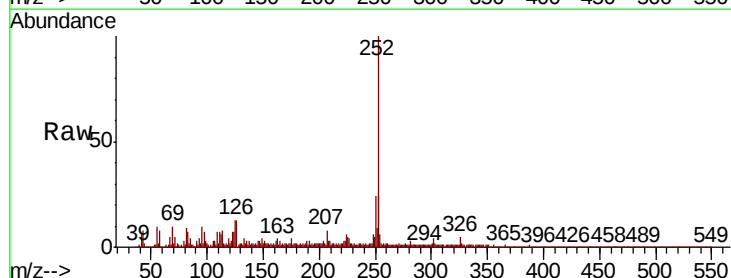
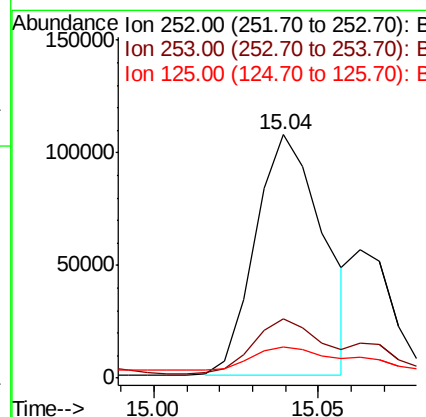
RT: 15.04 min Scan# 2202

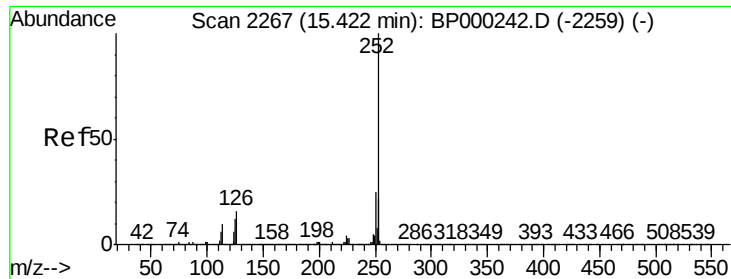
Delta R.T. -0.01 min

Lab File: BP000364.D

Acq: 20 Sep 2019 19:13

Tgt Ion:	252	Resp:	152046
Ion Ratio		Lower	Upper
252	100		
253	24.3	17.8	26.6
125	12.9	9.5	14.3





#90
Benzo(a)pyrene
Concen: 2.771 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BP000364.D
Acq: 20 Sep 2019 19:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.7	26.5
125	14.0	10.0	15.0

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