

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
 Data File : BP002248.D
 Acq On : 05 May 2020 21:35
 Operator : CG/JU
 Sample : L2475-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-SF-03-009-A

Manual Integrations
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mohammad
 5/6/2020 6:44:42 PM

Quant Time: May 06 02:00:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 13:34:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	382638	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1675946	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	1024201	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	2193694	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1622321	20.00	ng	0.00
87) Perylene-d12	23.32	264	1456436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	2909190	125.43	ng	0.00
7) Phenol-d6	6.80	99	4048645	118.83	ng	0.01
23) Nitrobenzene-d5	8.76	82	2589060	79.78	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	1209838	111.60	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	5053179	69.09	ng	0.00
79) Terphenyl-d14	19.60	244	5958447	90.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.72	163	410910	5.090	ng	99
71) Phenanthrene	17.05	178	689867	5.592	ng	99
75) Fluoranthene	19.03	202	1712425	12.099	ng	99
78) Pyrene	19.38	202	1604556	14.560	ng	99
81) Benzo(a)anthracene	21.09	228	744031	7.070	ng	96
83) Chrysene	21.15	228	741301m	7.173	ng	
86) Indeno(1,2,3-cd)pyrene	25.53	276	371309	2.640	ng	96
88) Benzo(b)fluoranthene	22.66	252	893262m	10.200	ng	
89) Benzo(k)fluoranthene	22.69	252	235203m	2.622	ng	
90) Benzo(a)pyrene	23.22	252	588192	6.976	ng	96
92) Benzo(g,h,i)perylene	26.20	276	388205	4.290	ng	98

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

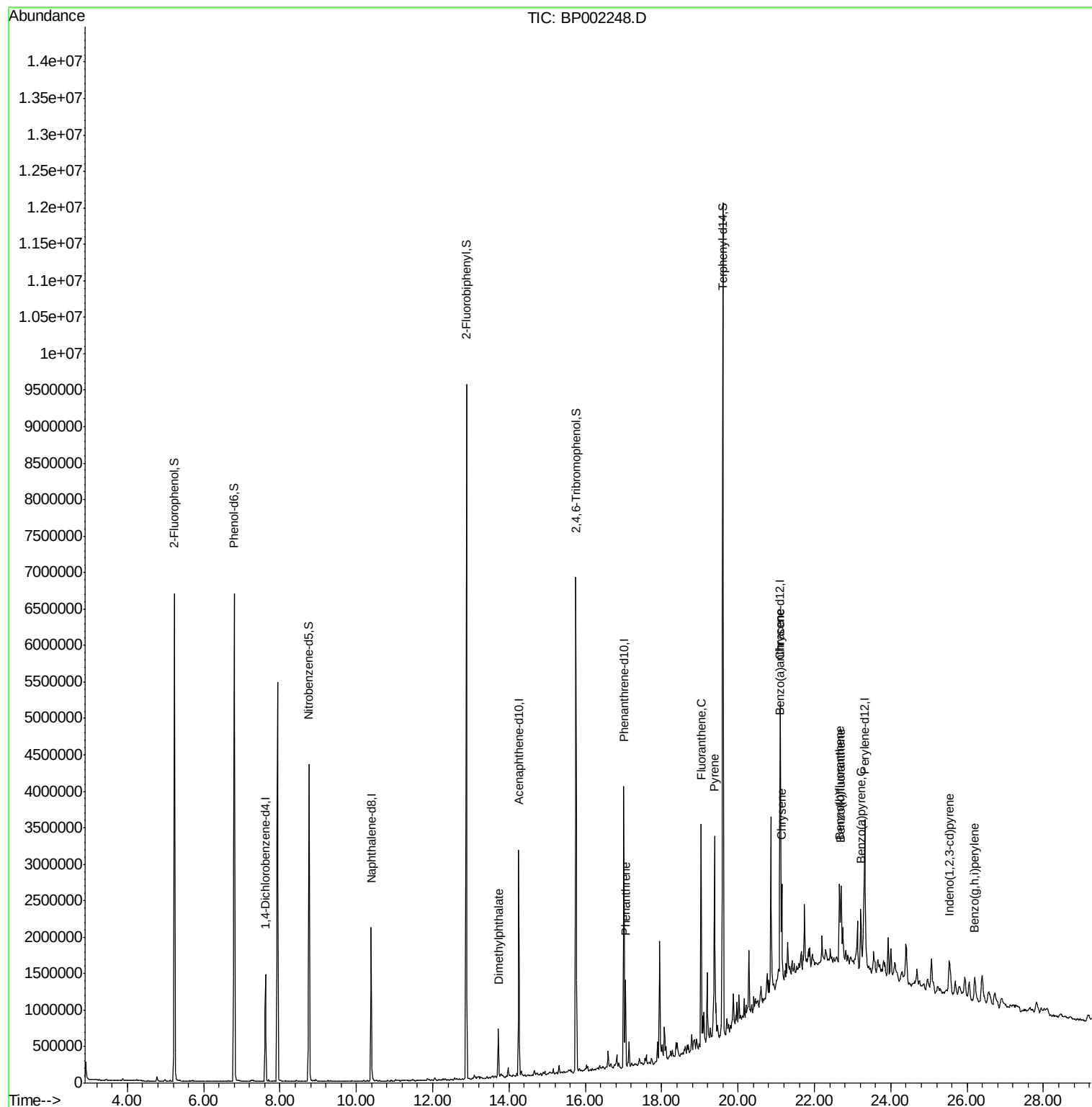
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Data File : BP002248.D
Acq On : 05 May 2020 21:35
Operator : CG/JU
Sample : L2475-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

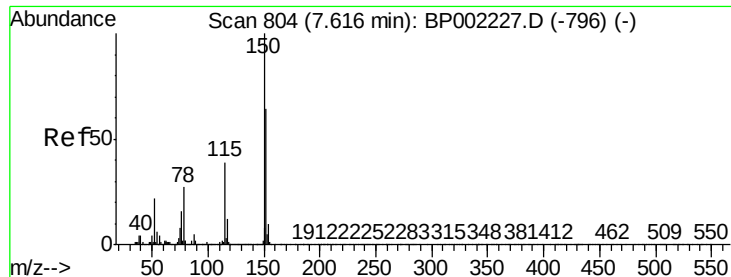
Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-A

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Quant Time: May 06 02:00:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

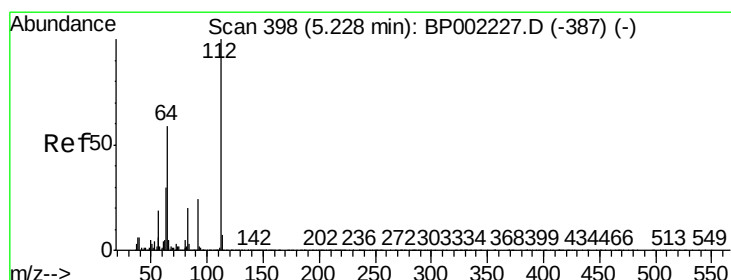
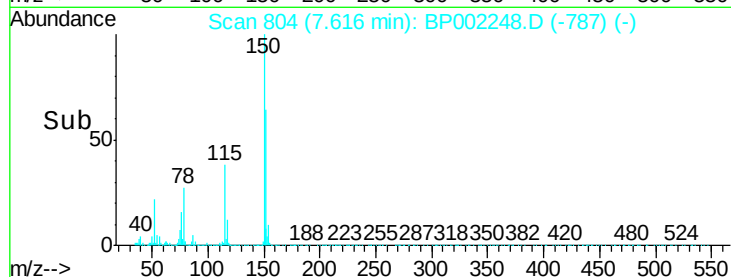
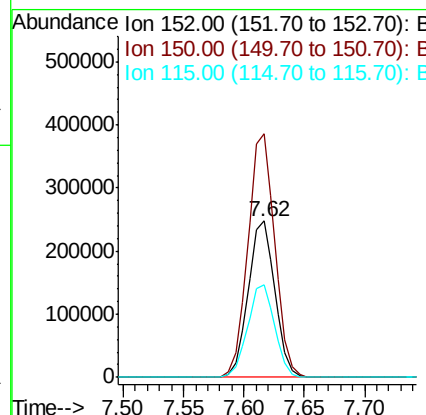
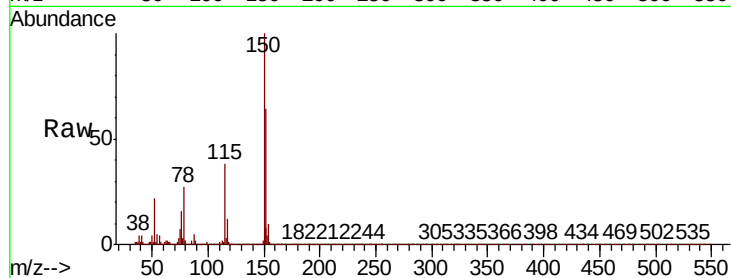
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Concen: 20.000 ng
RT: 7.62 min Scan# 804
Delta R.T. 0.00 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.3	187.9
115	59.1	48.3	72.5

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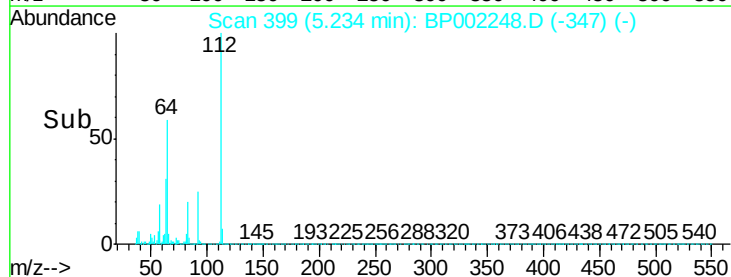
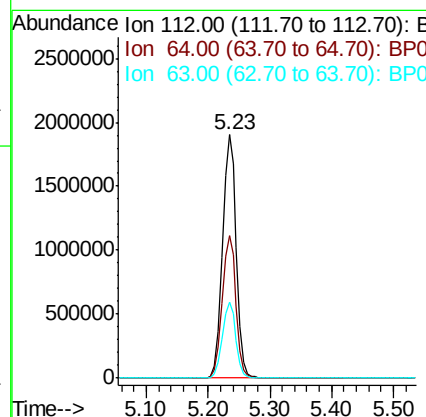
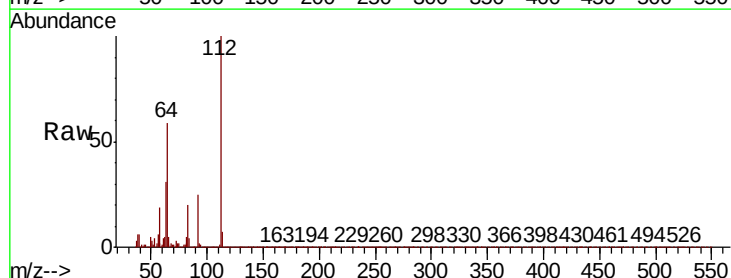
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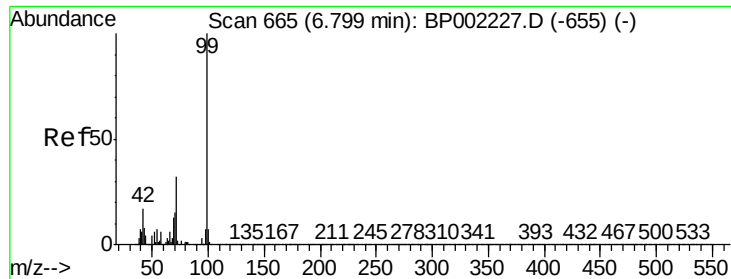


#5

2-Fluorophenol
Concen: 125.425 ng
RT: 5.23 min Scan# 399
Delta R.T. 0.01 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	46.9	70.3
63	31.3	24.3	36.5





#7

Phenol-d6

Concen: 118.829 ng

RT: 6.80 min Scan# 666

Delta R.T. 0.01 min

Lab File: BP002248.D

Acq: 05 May 2020 21:35

Instrument :

BNA_P

ClientSampleId :

FK-SF-03-009-A

Tot Ion: 99 Resp: 4048645

Ion Ratio Lower Upper

99 100

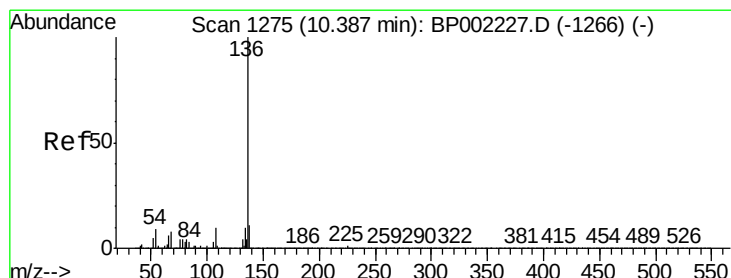
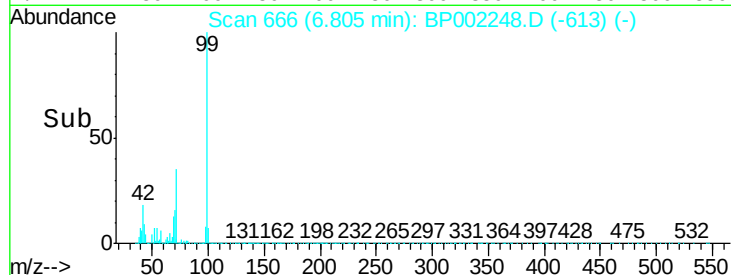
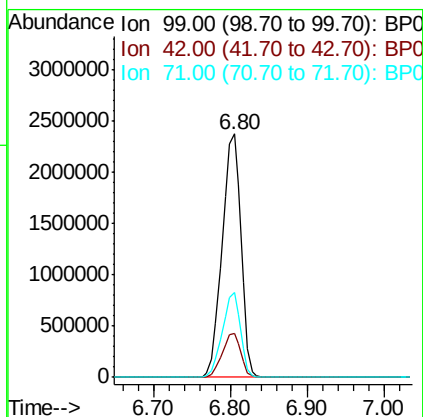
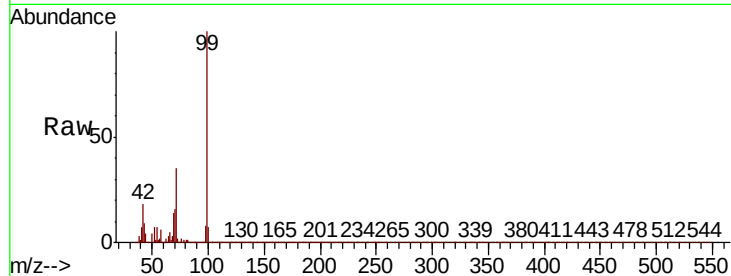
42 18.2 14.0 21.0

71 35.0 25.9 38.9

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BP002248.D

Acq: 05 May 2020 21:35

Tgt Ion: 136 Resp: 1675946

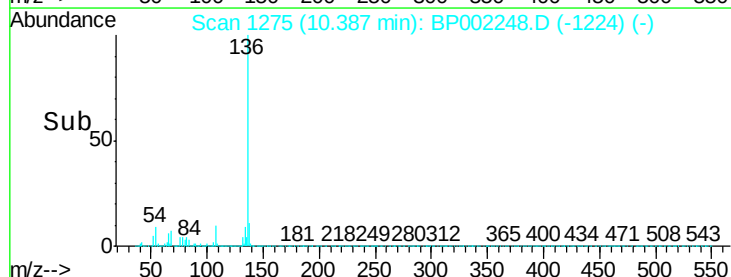
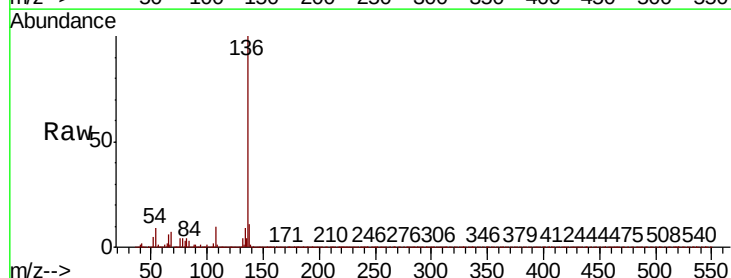
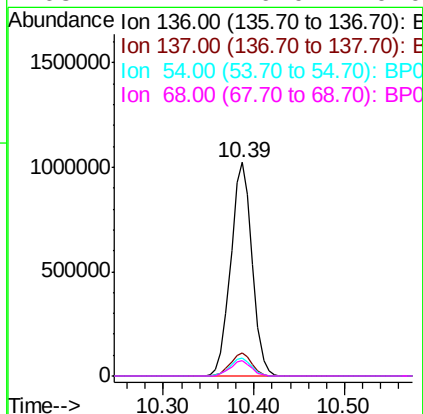
Ion Ratio Lower Upper

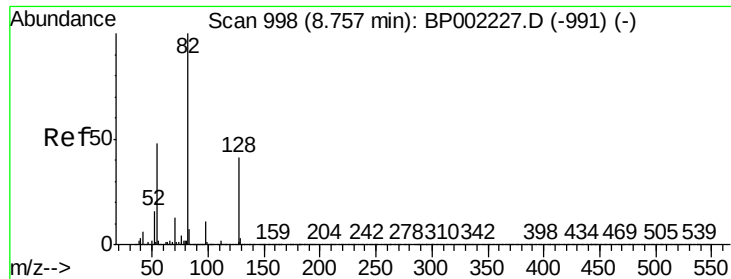
136 100

137 11.0 9.0 13.6

54 8.6 7.0 10.6

68 7.1 6.0 9.0





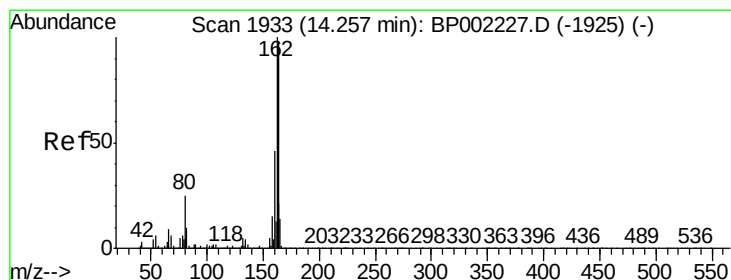
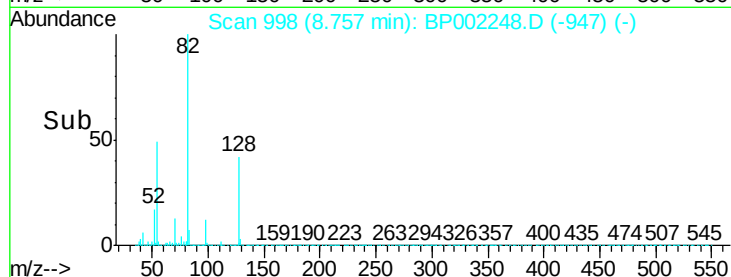
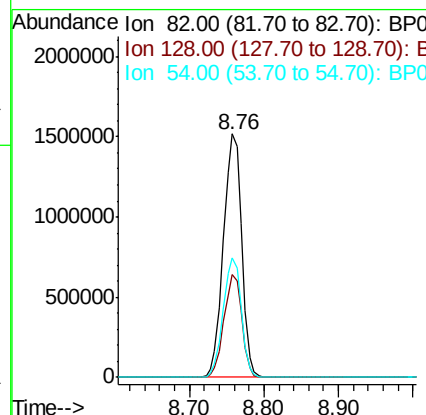
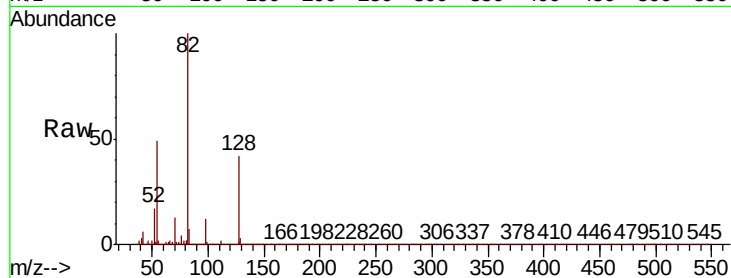
#23
 Nitrobenzene-d5
 Concen: 79.779 ng
 RT: 8.76 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BP002248.D
 Acq: 05 May 2020 21:35

Instrument :
 BNA_P
 ClientSampleId :
 FK-SF-03-009-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.4	48.6
54	49.0	38.2	57.2

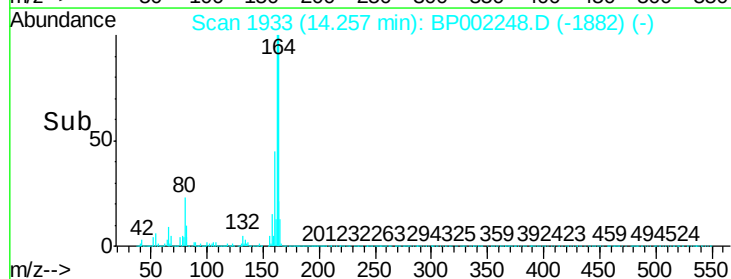
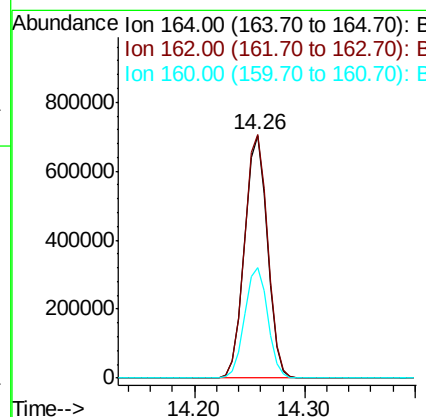
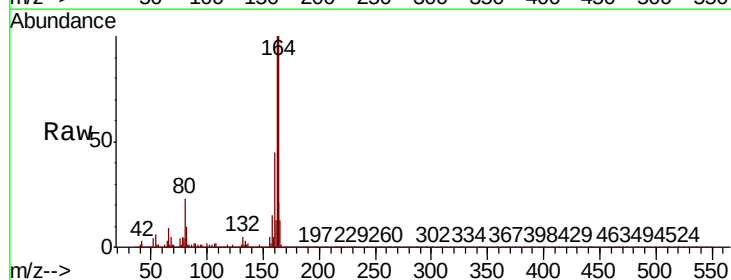
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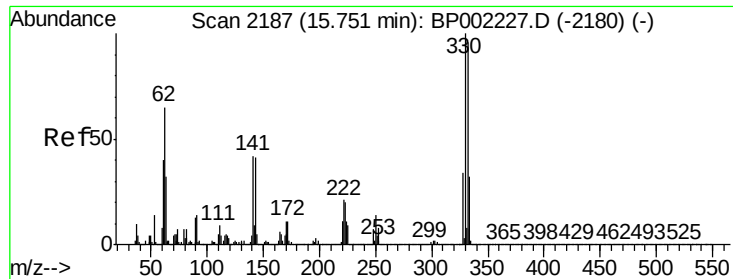
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BP002248.D
 Acq: 05 May 2020 21:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.5	122.3
160	45.5	37.3	55.9





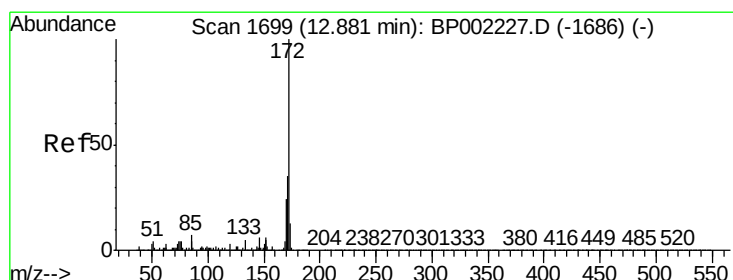
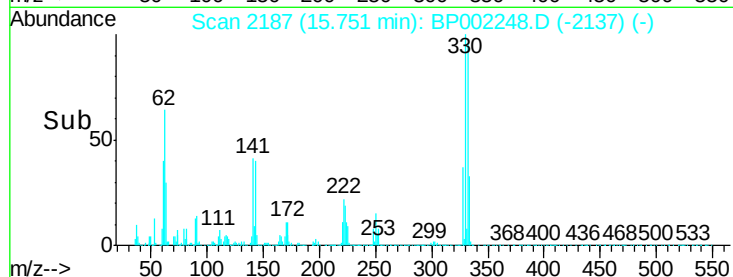
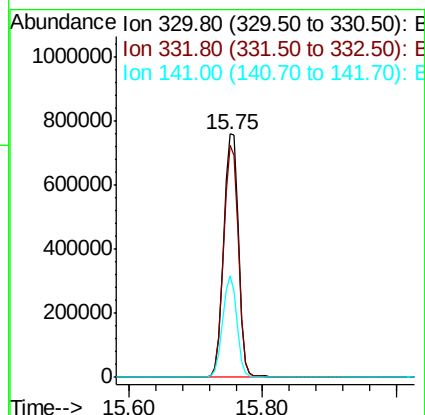
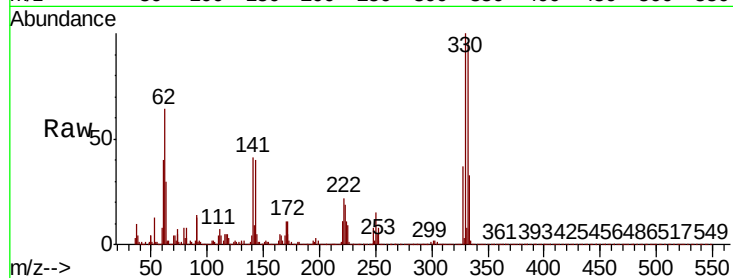
#42
2,4,6-Tribromophenol
Concen: 111.603 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.3	114.5
141	39.3	32.0	48.0

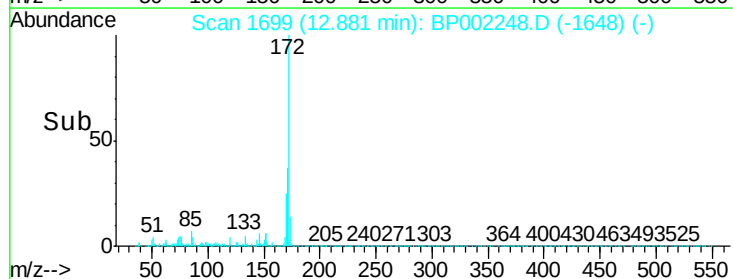
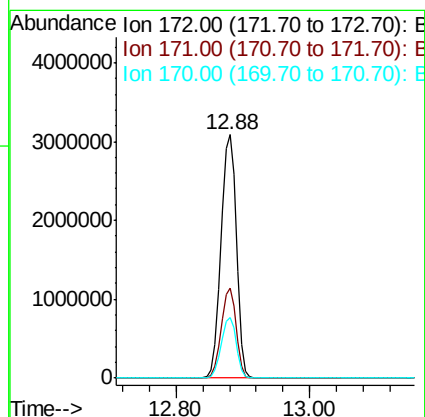
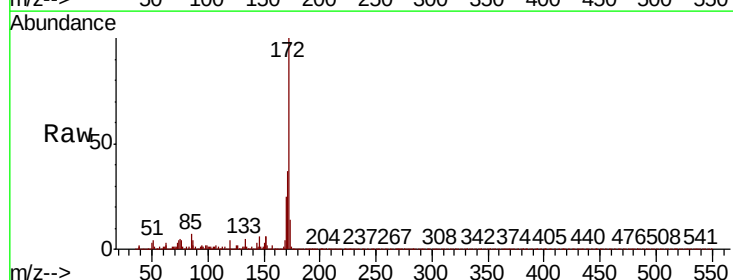
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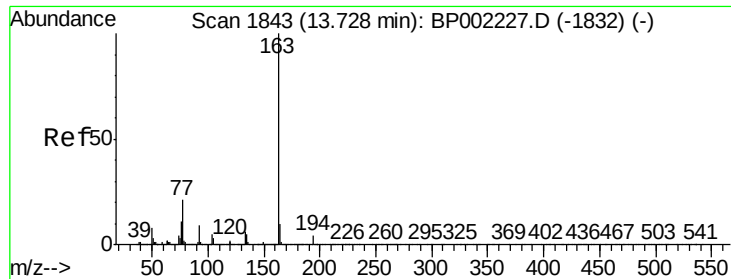
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#45
2-Fluorobiphenyl
Concen: 69.092 ng
RT: 12.88 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	27.9	41.9
170	25.1	19.0	28.6





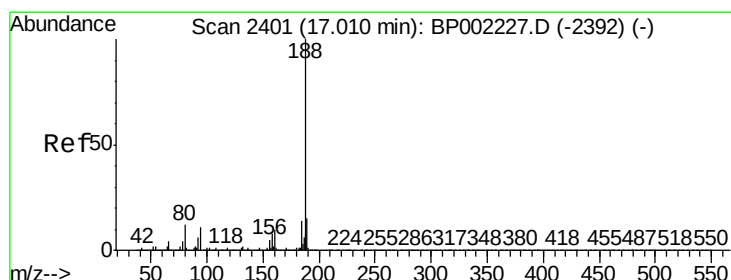
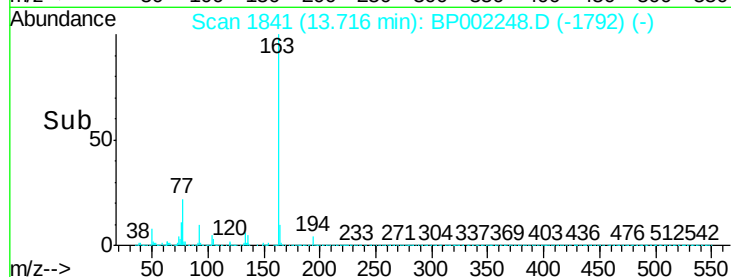
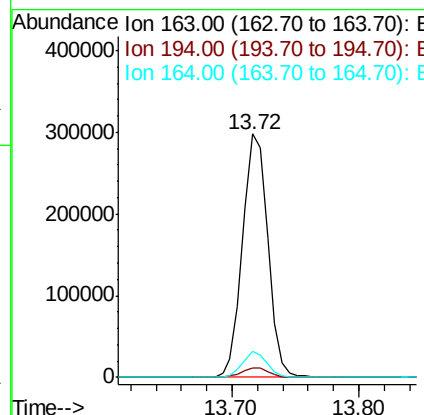
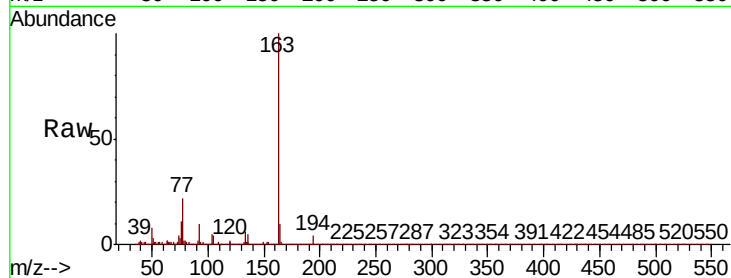
#50
Dimethylphthalate
Concen: 5.090 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.5	7.8	11.8

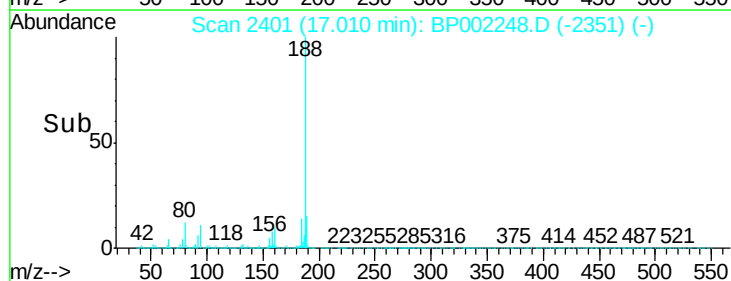
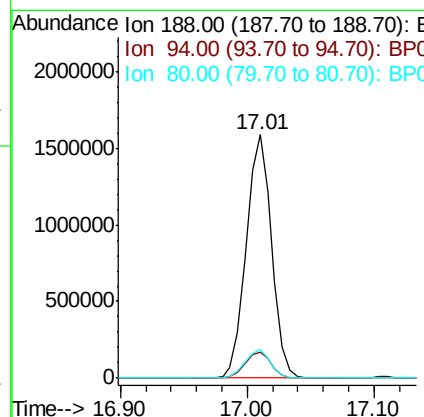
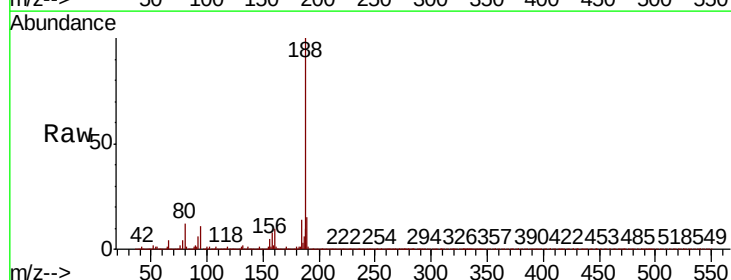
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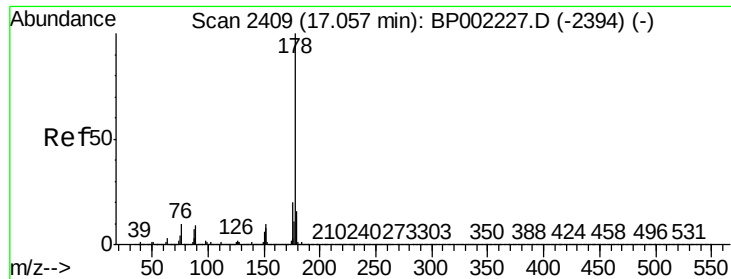
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.0	13.4
80	11.6	9.8	14.6





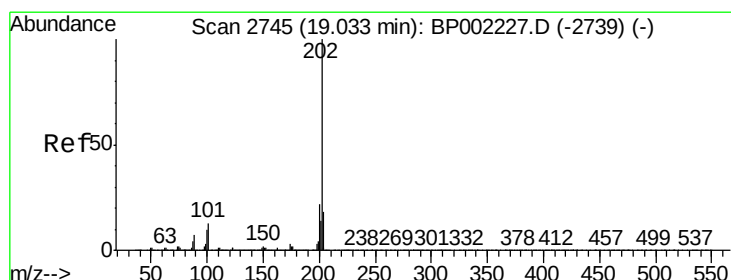
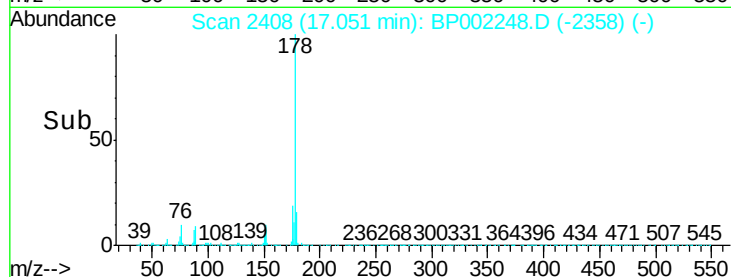
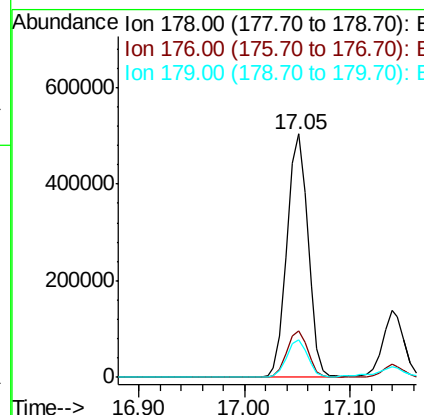
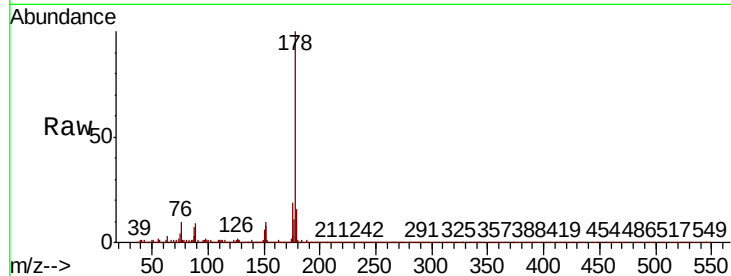
#71
Phenanthrene
Concen: 5.592 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.6	12.6	18.8

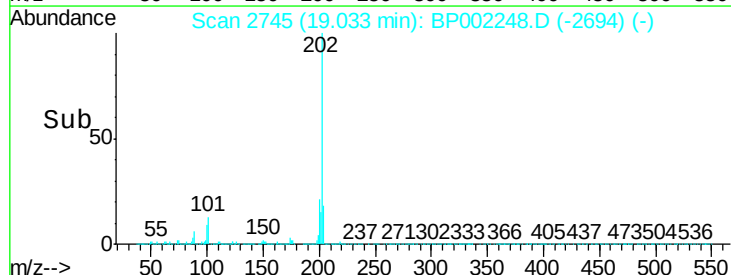
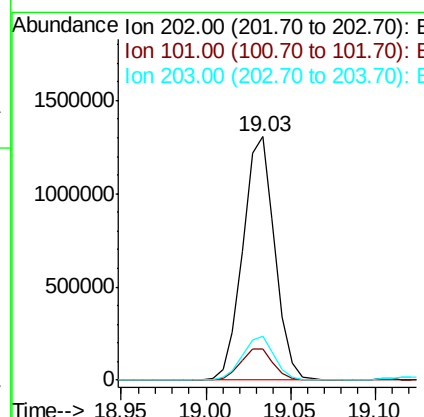
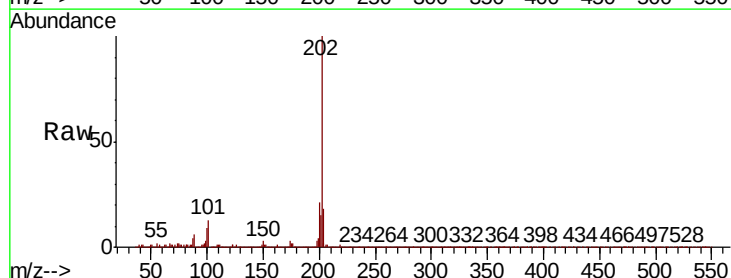
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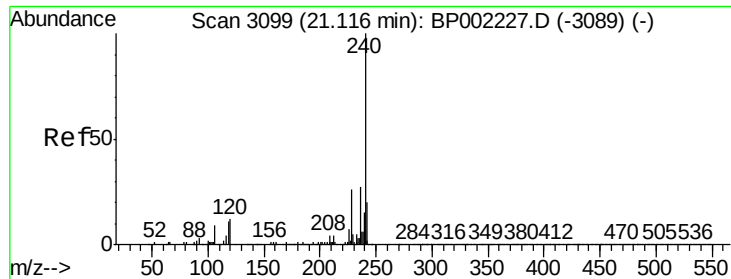
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#75
Fluoranthene
Concen: 12.099 ng
RT: 19.03 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.3
203	18.0	0.0	38.2





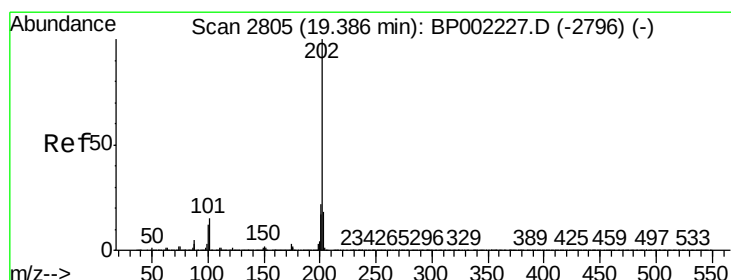
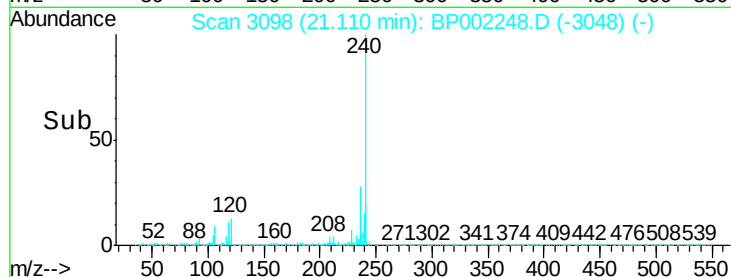
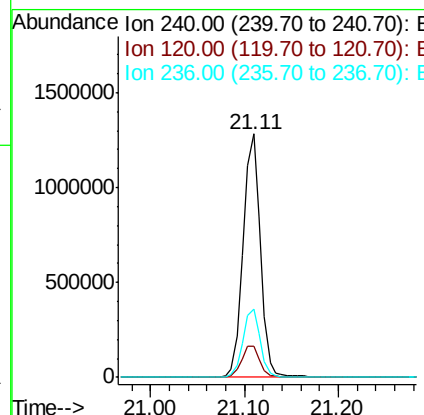
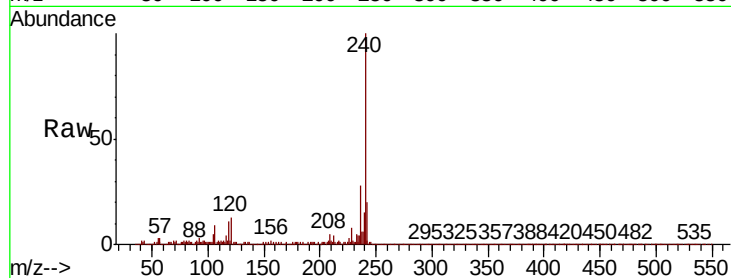
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.4	14.0
236	27.8	21.8	32.6

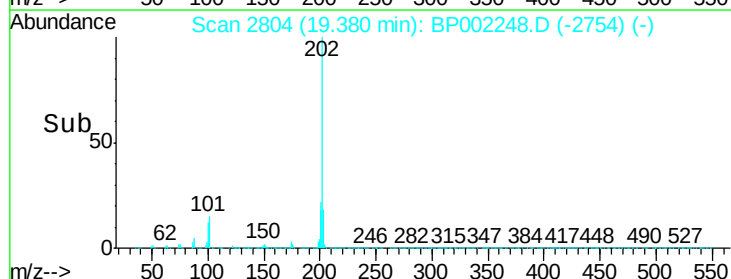
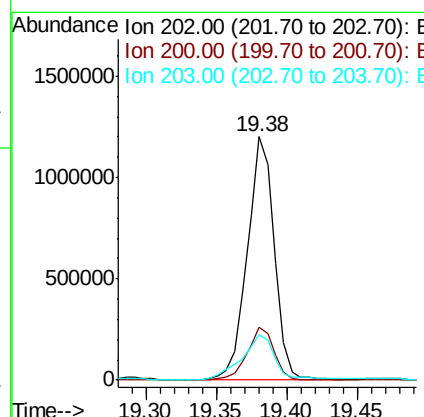
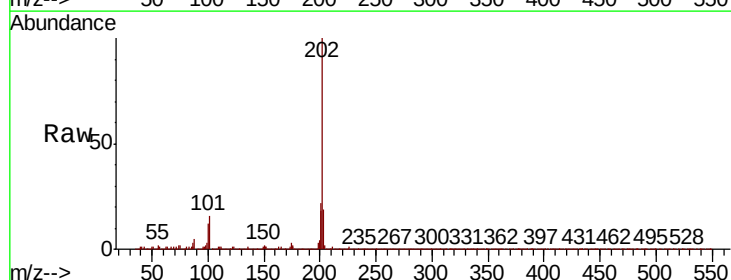
Manual Integrations
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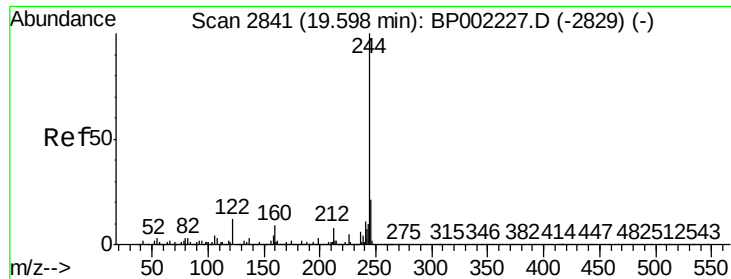
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#78
Pyrene
Concen: 14.560 ng
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.3	25.9
203	18.6	14.2	21.2





#79

Terphenyl-d14

Concen: 90.006 ng

RT: 19.60 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BP002248.D

Acq: 05 May 2020 21:35

Instrument :

BNA_P

ClientSampleId :

FK-SF-03-009-A

Tot Ion:244 Resp: 5958447

Ion Ratio Lower Upper

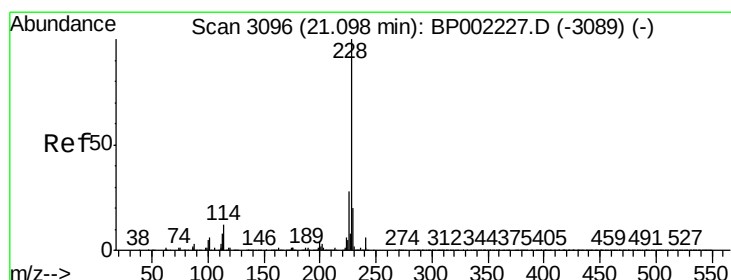
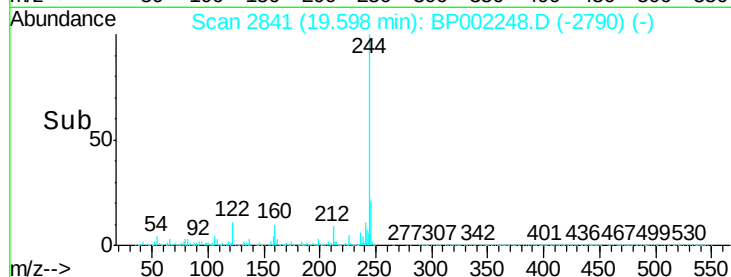
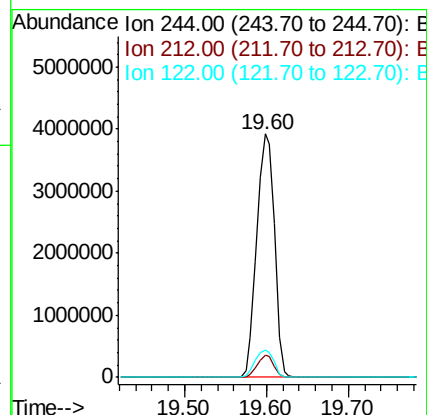
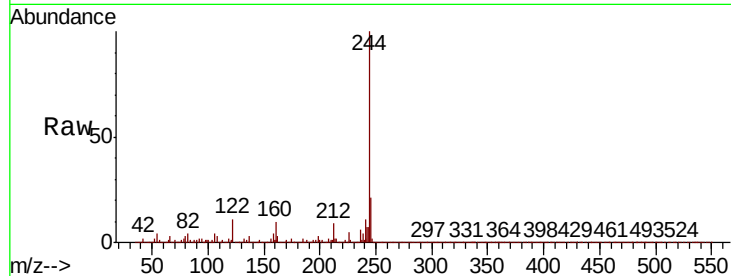
244 100

212 9.3 6.6 9.8

122 11.2 9.5 14.3

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#81

Benzo(a)anthracene

Concen: 7.070 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BP002248.D

Acq: 05 May 2020 21:35

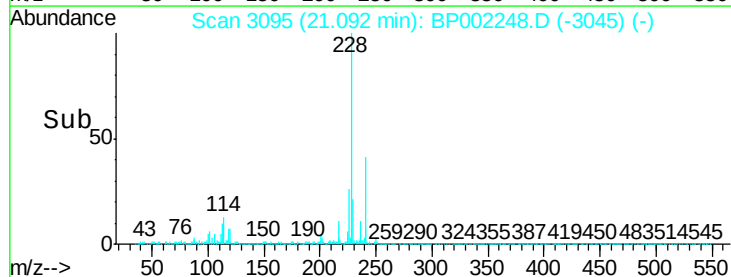
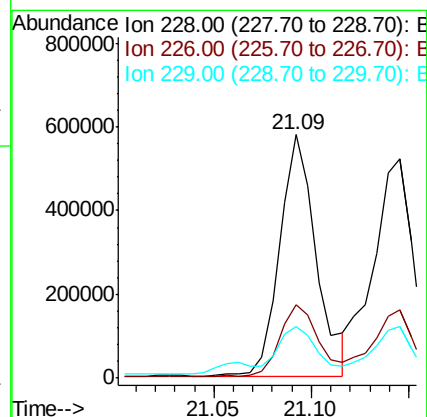
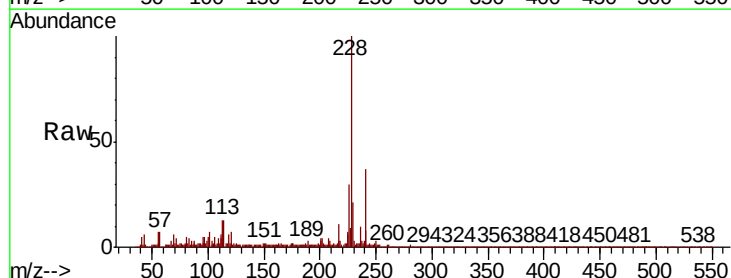
Tgt Ion:228 Resp: 744031

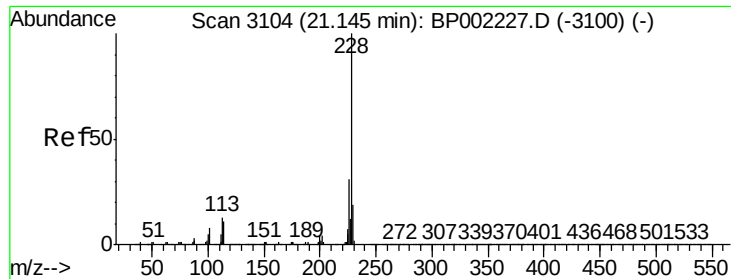
Ion Ratio Lower Upper

228 100

226 29.9 22.1 33.1

229 21.4 15.8 23.8





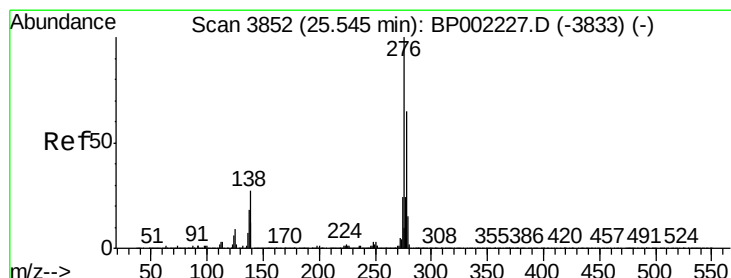
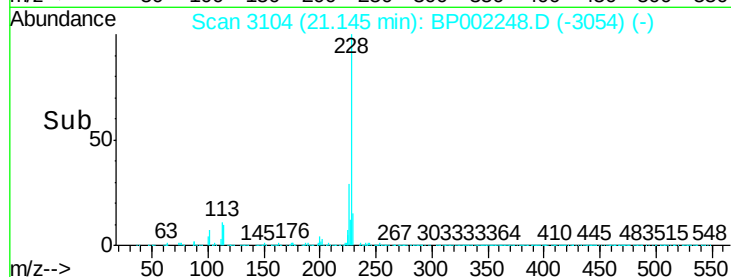
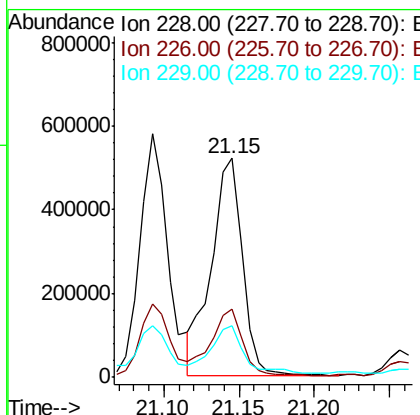
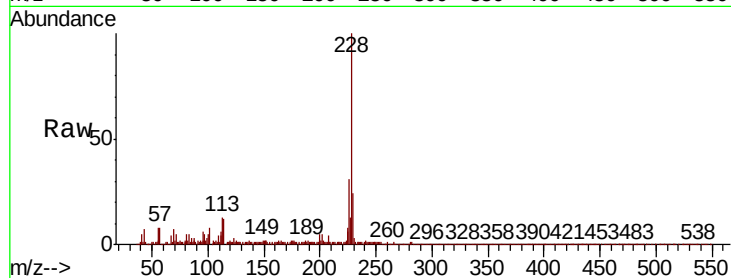
#83
Chrysene
Concen: 7.173 ng/ml
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-A

Tot Ion:	228	Resp:	741301
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.9	37.3
229	23.8	15.1	22.7

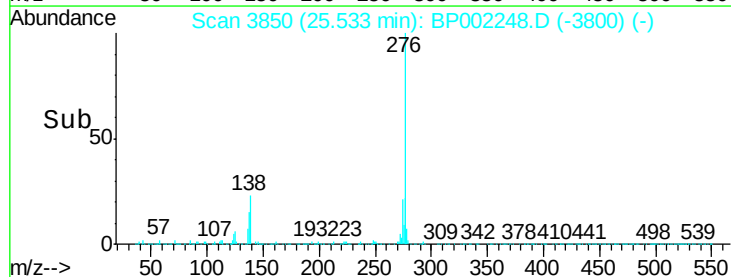
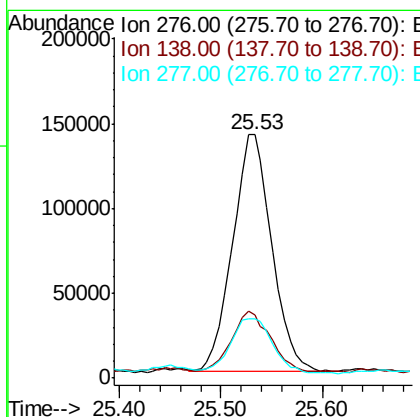
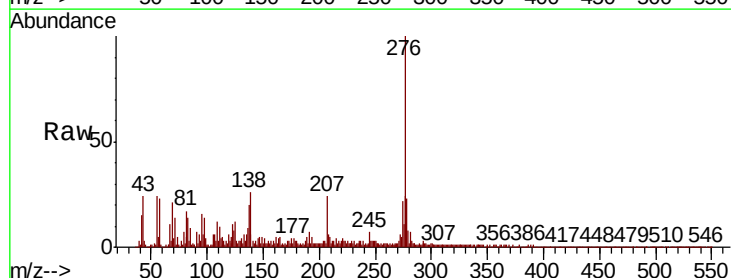
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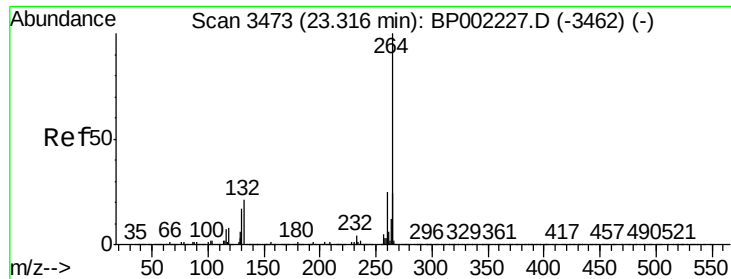
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.640 ng
RT: 25.53 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Tgt Ion:	276	Resp:	371309
Ion Ratio	Lower	Upper	
276	100		
138	25.8	23.4	35.0
277	24.9	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.32 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BP002248.D

Acq: 05 May 2020 21:35

Instrument :

BNA_P

ClientSampleId :

FK-SF-03-009-A

Tot Ion:264 Resp: 1456436

Ion Ratio Lower Upper

264 100

260 23.5 20.4 30.6

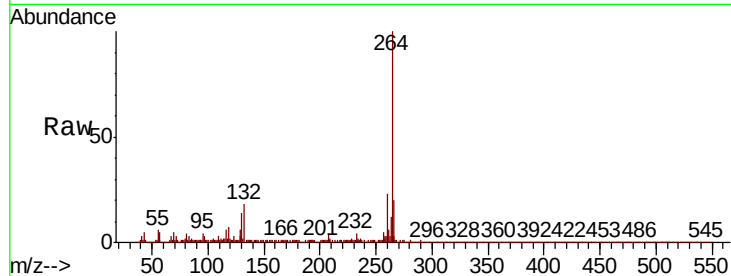
265 20.4 19.0 28.4

Manual Integrations

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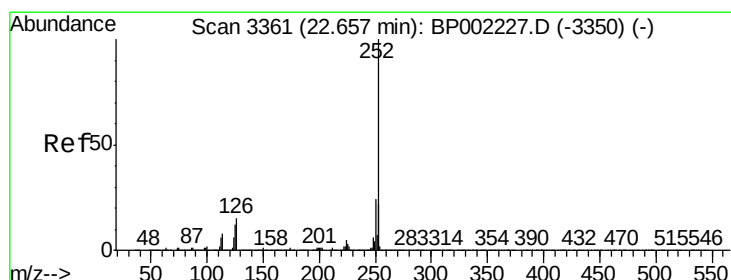
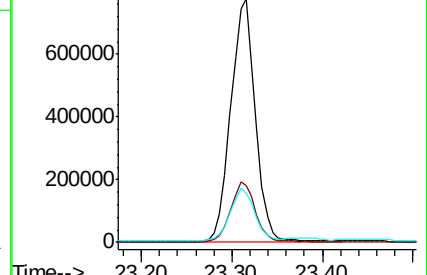
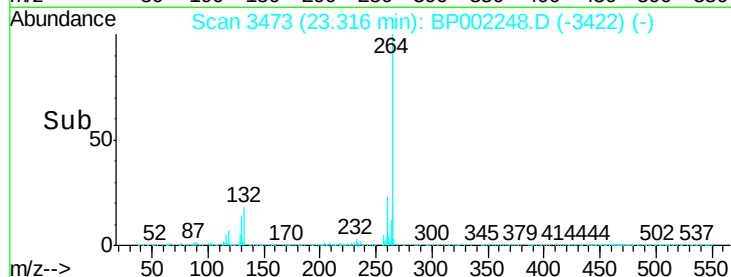
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 10.200 ng m

RT: 22.66 min Scan# 3361

Delta R.T. 0.00 min

Lab File: BP002248.D

Acq: 05 May 2020 21:35

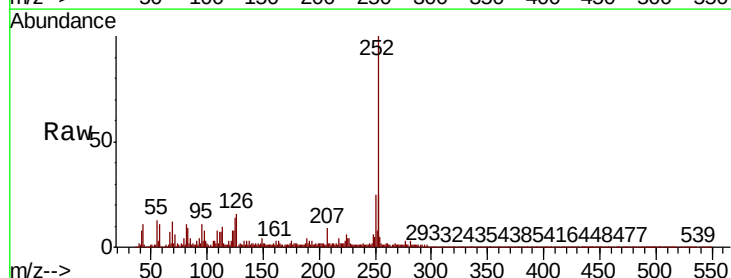
Tgt Ion:252 Resp: 893262

Ion Ratio Lower Upper

252 100

253 25.2 17.8 26.8

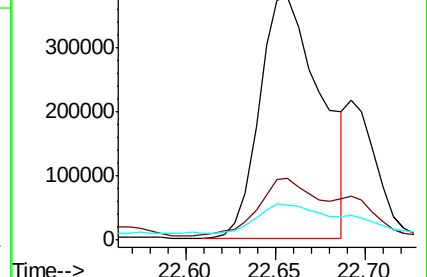
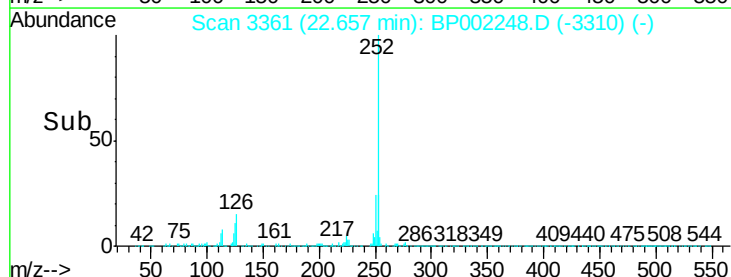
125 14.2 9.4 14.0#

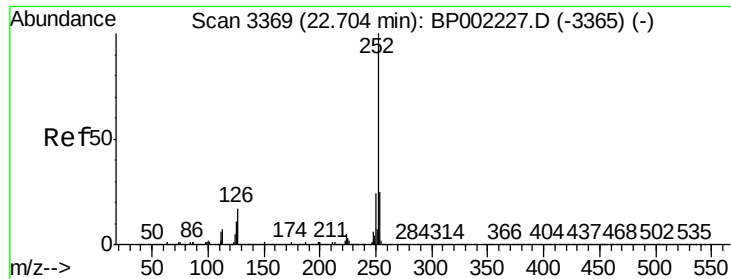


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





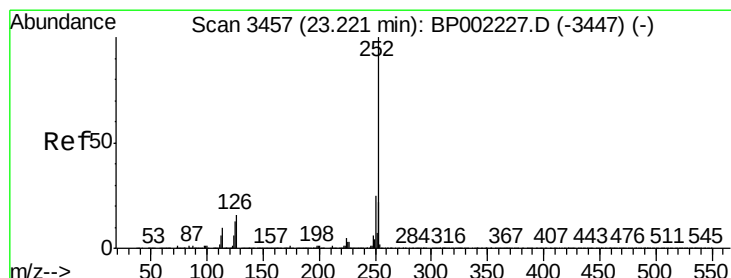
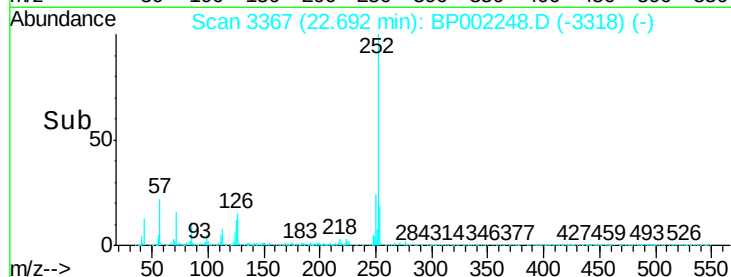
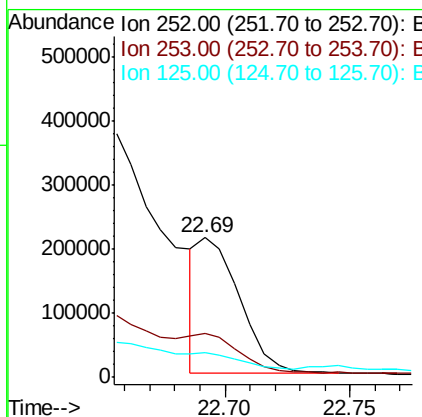
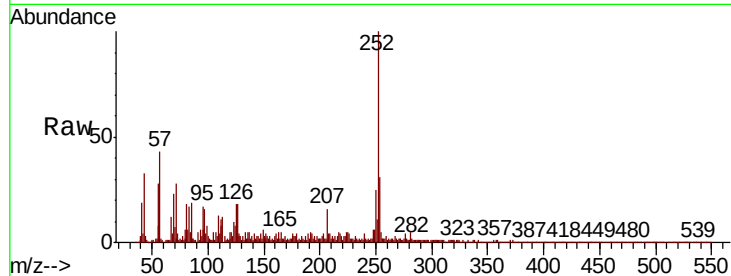
#89
Benzo(k)fluoranthene
Concen: 2.622 ng m
RT: 22.69 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.4	19.4	29.0#
125	17.5	9.1	13.7#

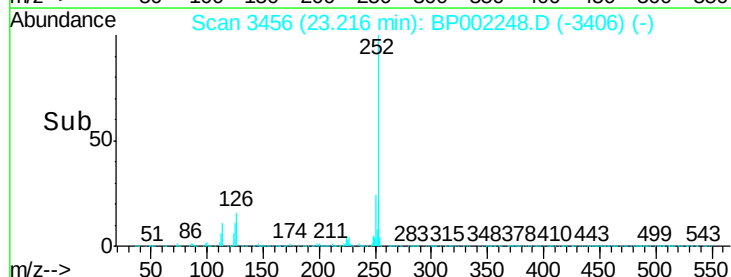
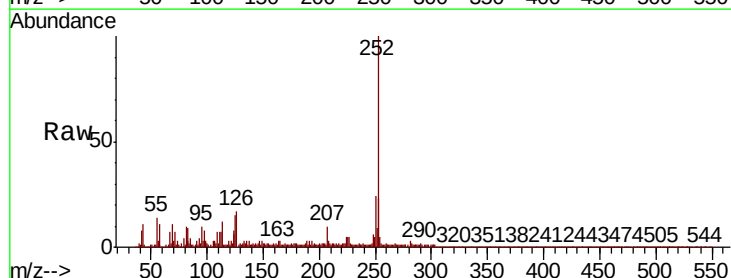
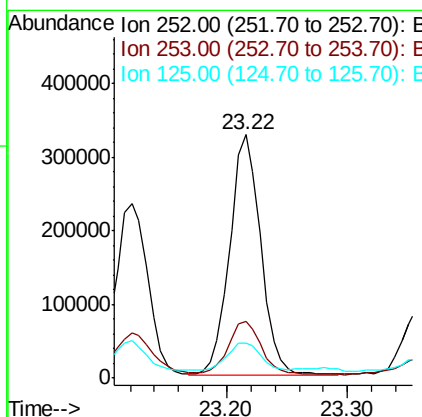
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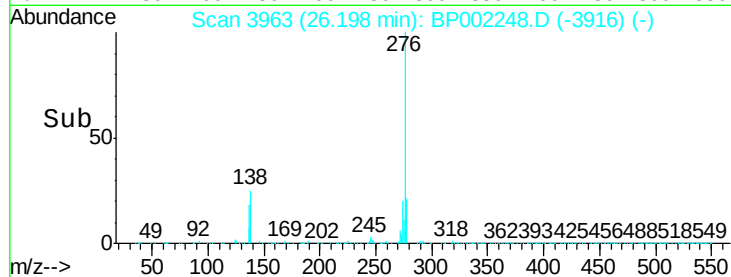
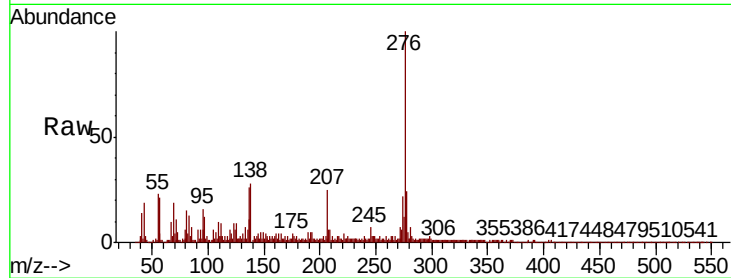
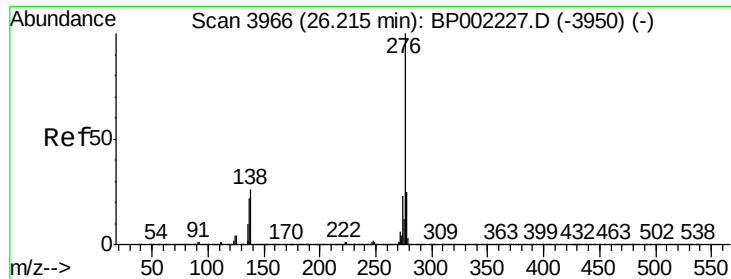
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#90
Benzo(a)pyrene
Concen: 6.976 ng
RT: 23.22 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BP002248.D
Acq: 05 May 2020 21:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	14.5	10.2	15.2





#92
 Benzo(a,h,i)perylene
 Concen: 4.290 ng
 RT: 26.20 min Scan# 3963
 Delta R.T. -0.02 min
 Lab File: BP002248.D
 Acq: 05 May 2020 21:35

Instrument :
 BNA_P
 ClientSampleId :
 FK-SF-03-009-A

Tot Ion:	276	Resp:	388205
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.9	29.9
138	27.8	21.0	31.4

Manual Integrations
 APPROVED

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