

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114506.D
 Acq On : 23 May 2019 1:39
 Operator : JU/SJ
 Sample : K2970-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Manual Integrations
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Quant Time: May 23 04:39:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	184867	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	720672	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	335095	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	617337	20.00	ng	0.00
76) Chrysene-d12	14.00	240	408672	20.00	ng	0.00
87) Perylene-d12	15.46	264	423596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	914996	79.65	ng	0.00
7) Phenol-d6	6.47	99	1190720	87.64	ng	-0.01
23) Nitrobenzene-d5	7.39	82	687338	53.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	252369	72.85	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	978489	44.17	ng	0.00
79) Terphenyl-d14	12.93	244	737631	37.21	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	173042	7.034	ng	99
71) Phenanthrene	11.37	178	112329	3.740	ng	97
75) Fluoranthene	12.57	202	250816	7.755	ng	98
78) Pyrene	12.80	202	254856	7.752	ng	98
81) Benzo(a)anthracene	13.99	228	125582	4.751	ng	98
83) Chrysene	14.02	228	108676	4.194	ng	98
88) Benzo(b)fluoranthene	15.04	252	143513m	5.288	ng	
90) Benzo(a)pyrene	15.40	252	103634	4.339	ng	97
92) Benzo(g,h,i)perylene	17.40	276	47408	2.384	ng	# 92

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

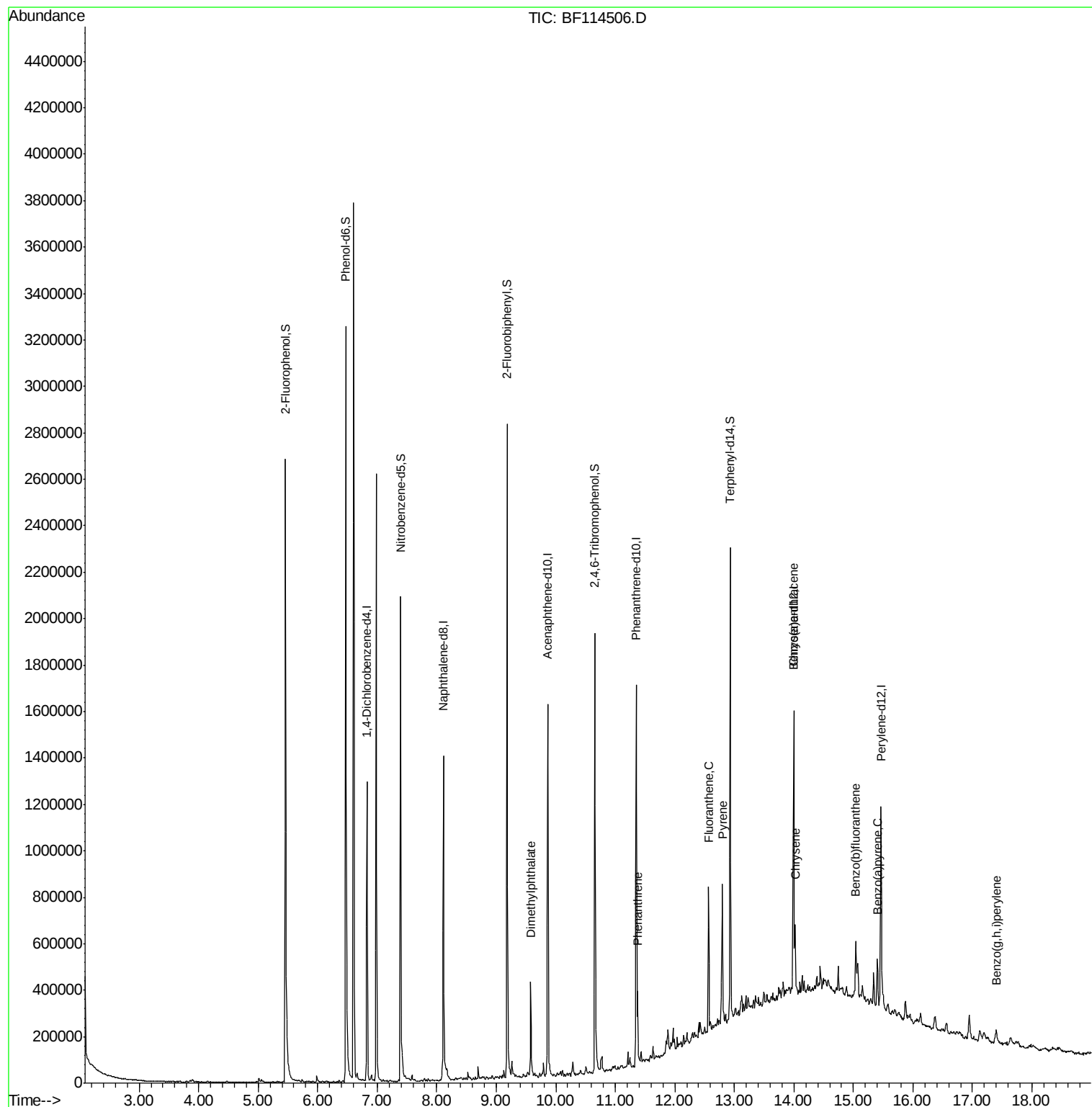
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114506.D
Acq On : 23 May 2019 1:39
Operator : JU/SJ
Sample : K2970-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

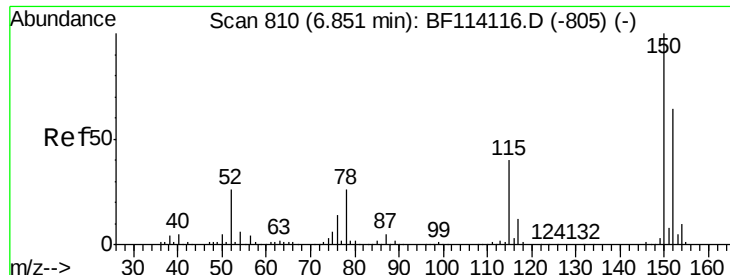
Instrument :
BNA_F
ClientSampleId :
TP-11-S

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Quant Time: May 23 04:39:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114506.D

Acq: 23 May 2019 1:39

Instrument :

BNA_F

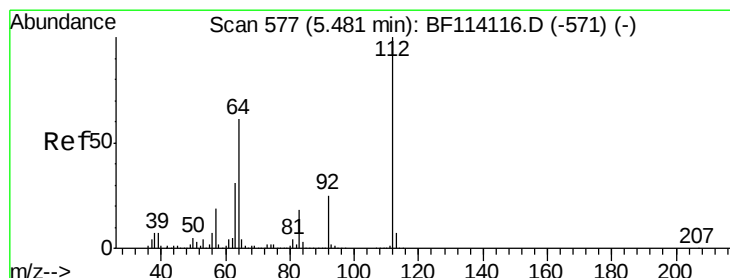
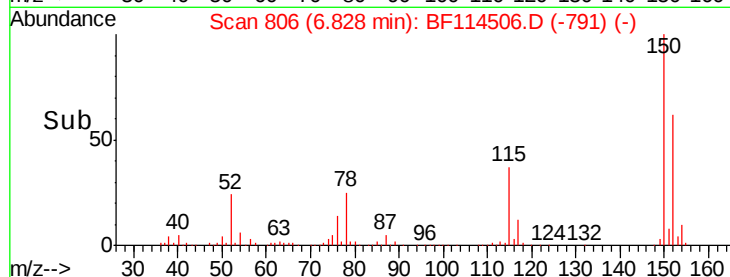
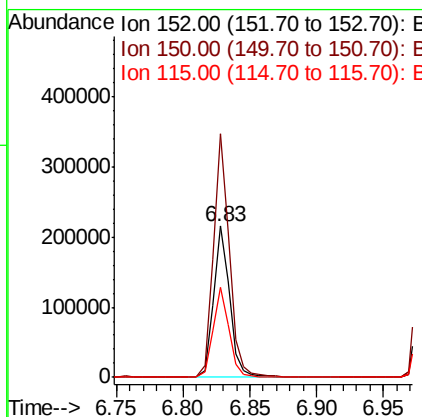
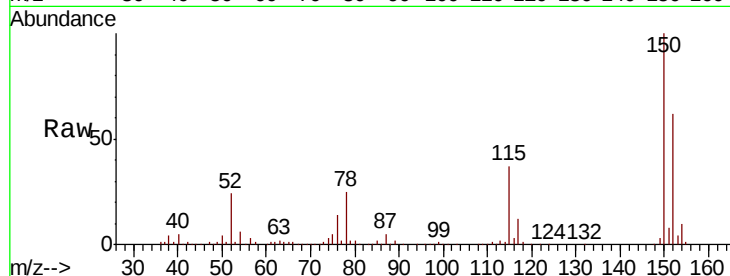
ClientSampleId :

TP-11-S

Tot Ion:	152	Resp:	184867
Ion Ratio	Lower	Upper	
152	100		
150	161.3	124.3	186.5
115	59.9	49.1	73.7

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#5

2-Fluorophenol

Concen: 79.650 ng

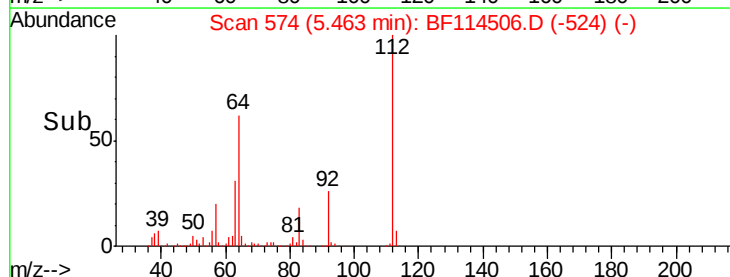
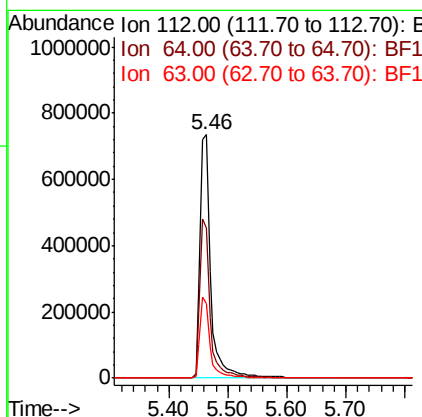
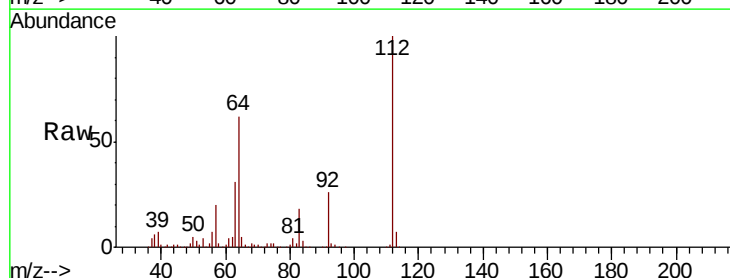
RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF114506.D

Acq: 23 May 2019 1:39

Tgt Ion:	112	Resp:	914996
Ion Ratio	Lower	Upper	
112	100		
64	61.6	49.0	73.6
63	30.9	24.6	37.0





#7

Phenol-d6

Concen: 87.638 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114506.D

Acq: 23 May 2019 1:39

Instrument :

BNA_F

ClientSampleId :

TP-11-S

Tot Ion: 99 Resp: 1190720

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

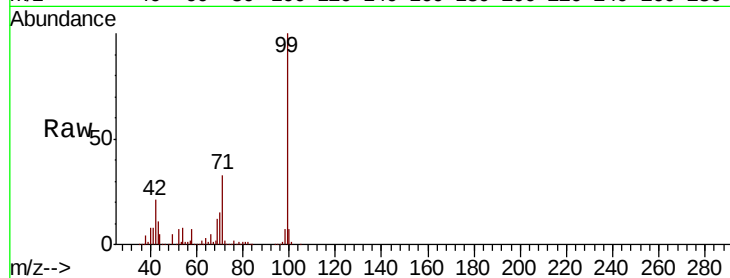
71 32.8 26.2 39.2

Manual Integrations

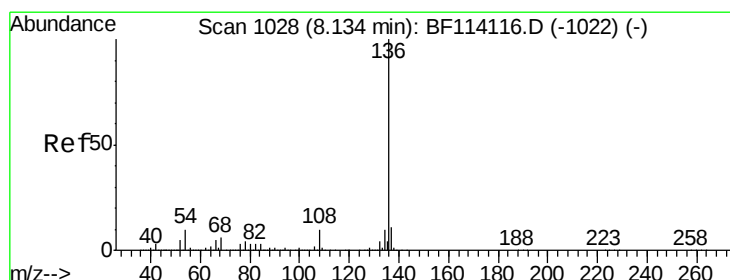
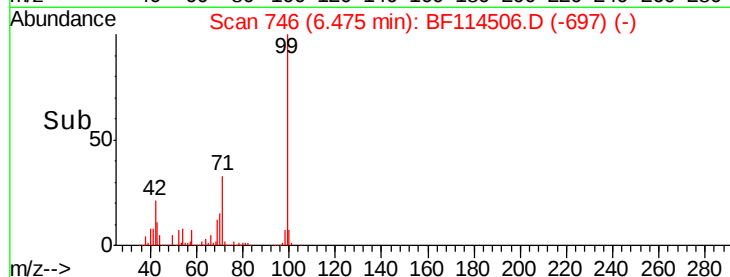
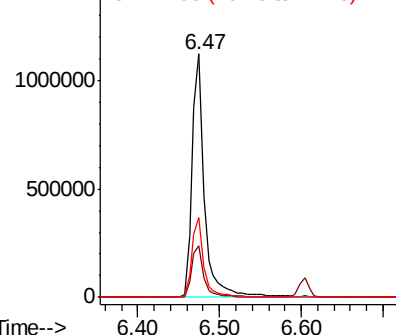
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114506.D

Acq: 23 May 2019 1:39

Tgt Ion: 136 Resp: 720672

Ion Ratio Lower Upper

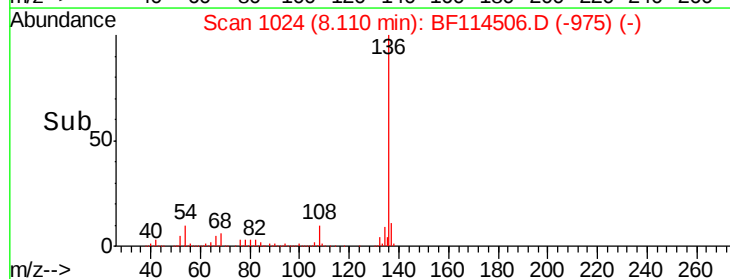
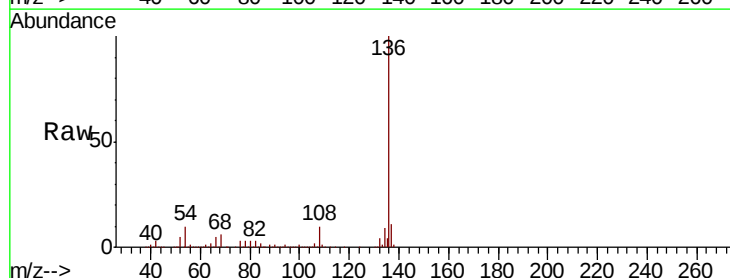
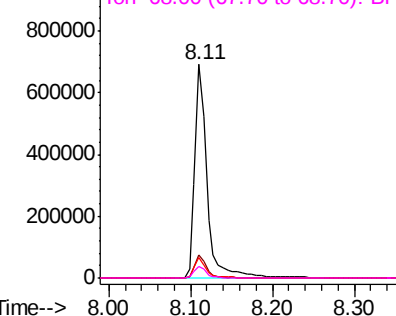
136 100

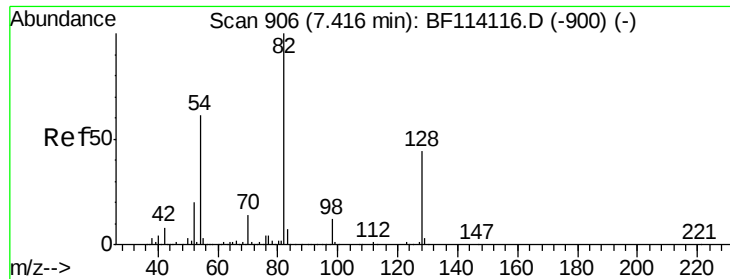
137 10.6 8.8 13.2

54 9.6 7.8 11.8

68 5.7 5.1 7.7

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





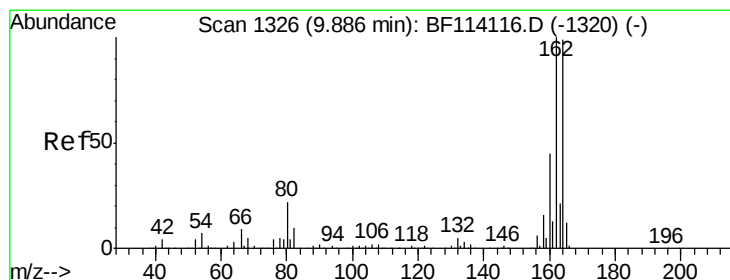
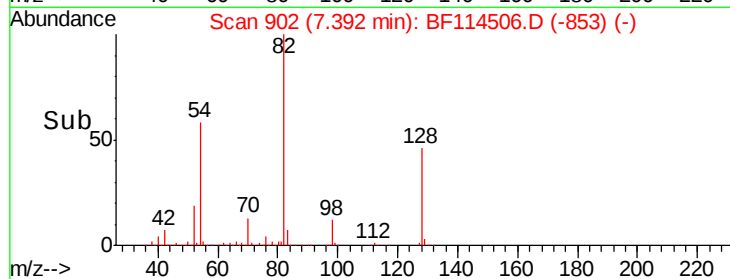
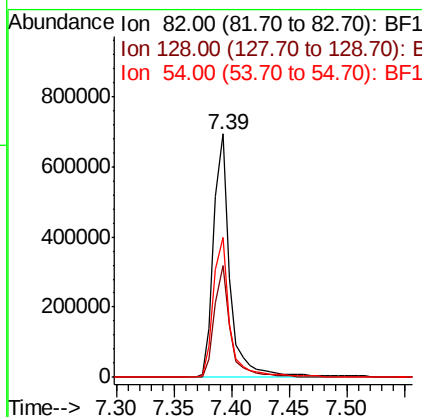
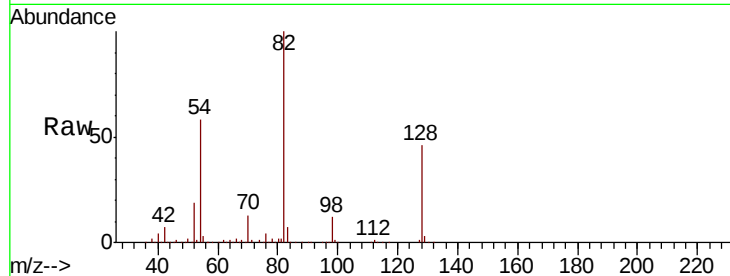
#23
 Nitrobenzene-d5
 Concen: 53.524 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114506.D
 Acq: 23 May 2019 1:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.5	53.3
54	57.6	48.5	72.7

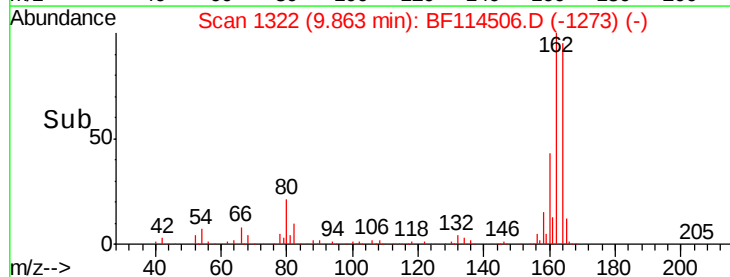
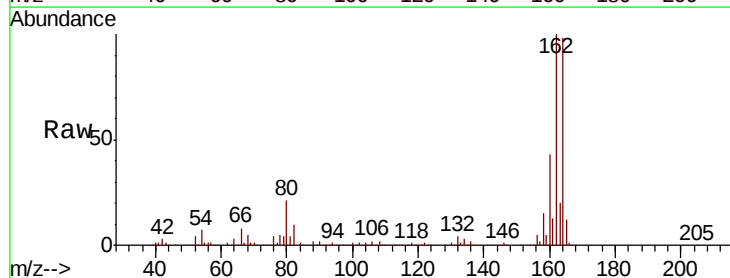
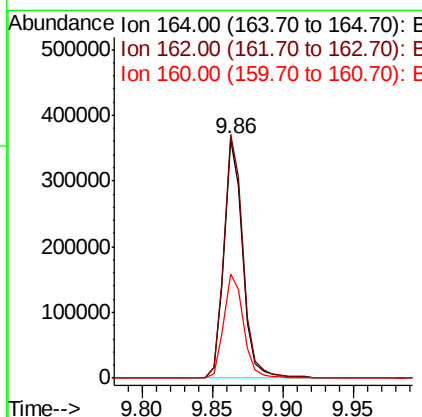
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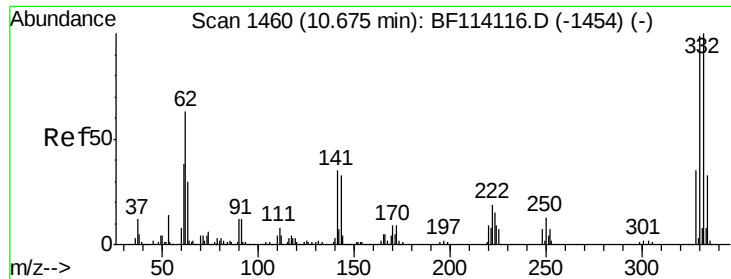
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114506.D
 Acq: 23 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	43.5	36.5	54.7





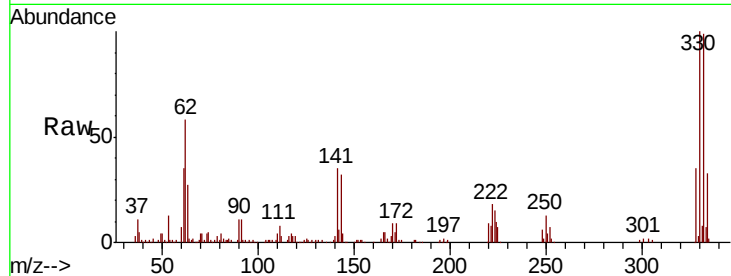
#42
 2,4,6-Tribromophenol
 Concen: 72.848 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114506.D
 Acq: 23 May 2019 1:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	252369		
332	100.8	81.4	122.2	
141	34.9	26.6	40.0	

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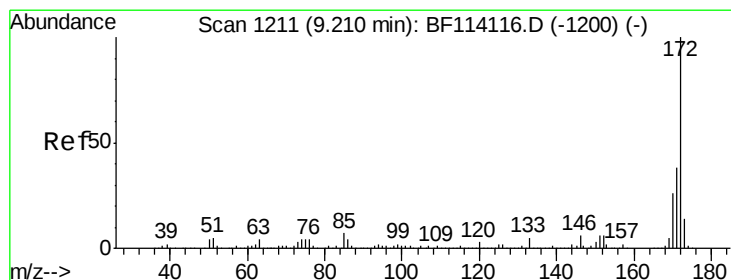
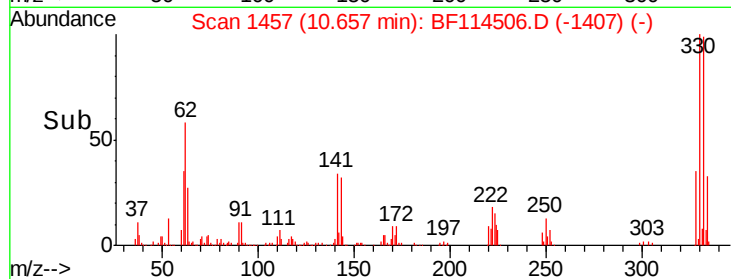
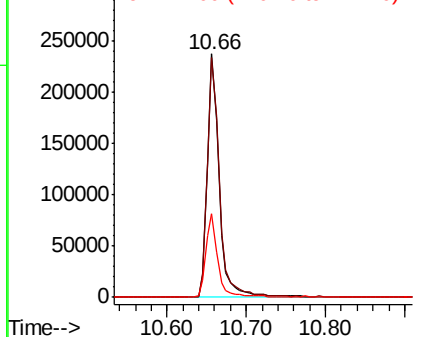


Abundance

Ion 329.80 (329.50 to 330.50): E

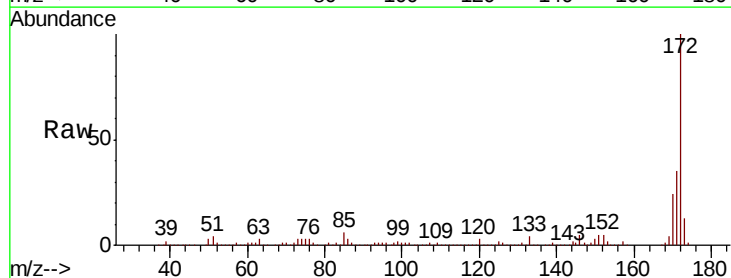
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 44.170 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114506.D
 Acq: 23 May 2019 1:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	978489		
171	34.6	30.7	46.1	
170	23.5	20.5	30.7	

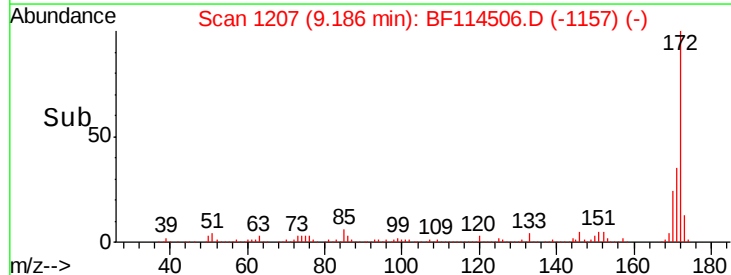
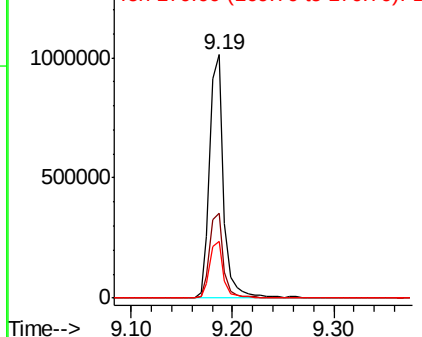


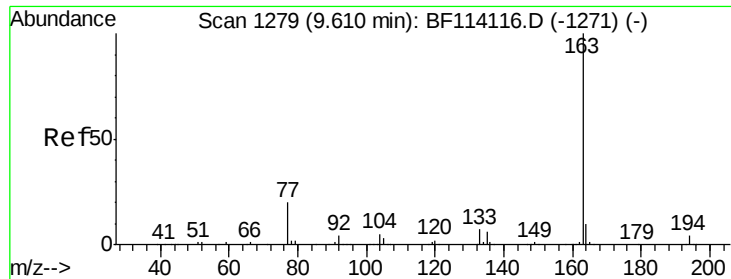
Abundance

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





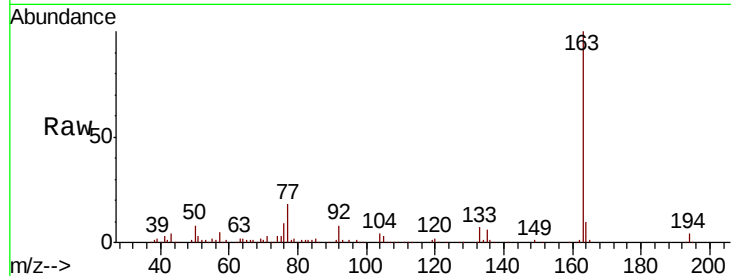
#50
Dimethylphthalate
Concen: 7.034 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114506.D
Acq: 23 May 2019 1:39

Instrument :
BNA_F
ClientSampleId :
TP-11-S

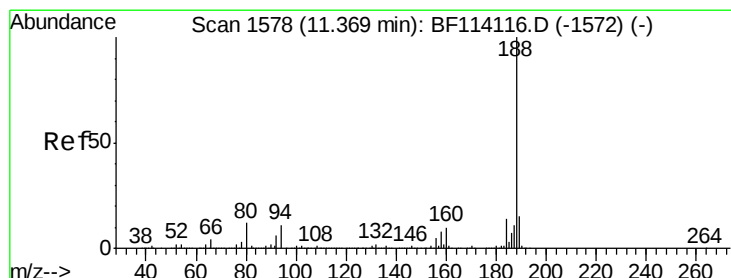
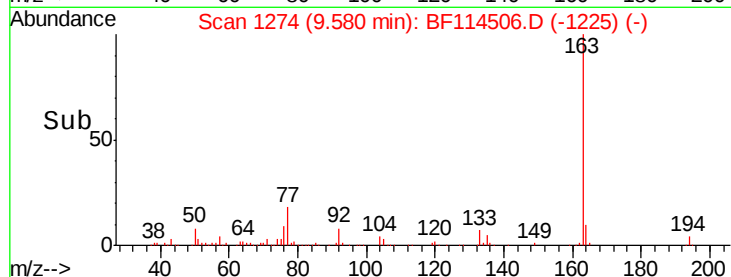
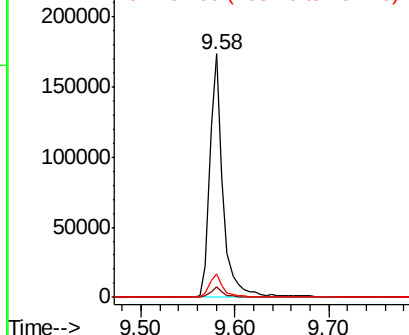
Tot Ion:	163	Resp:	173042
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	9.9	8.2	12.2

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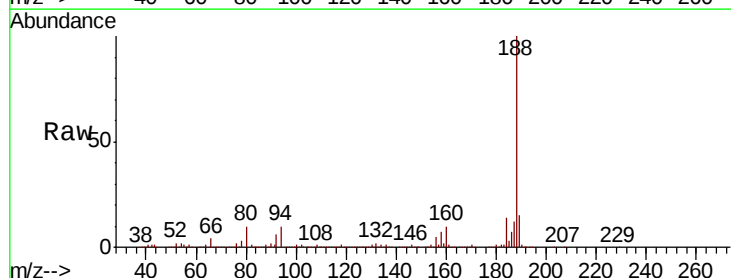


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

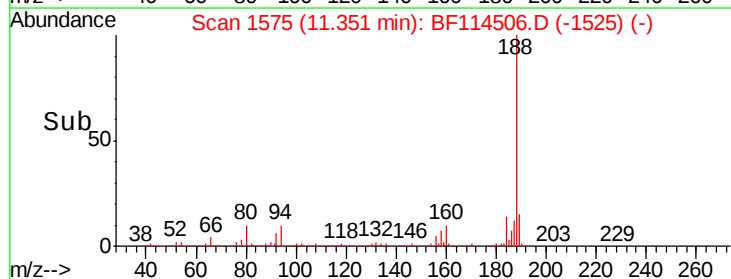
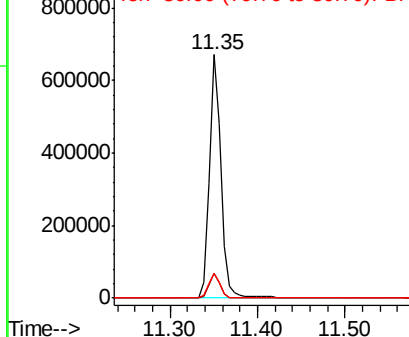


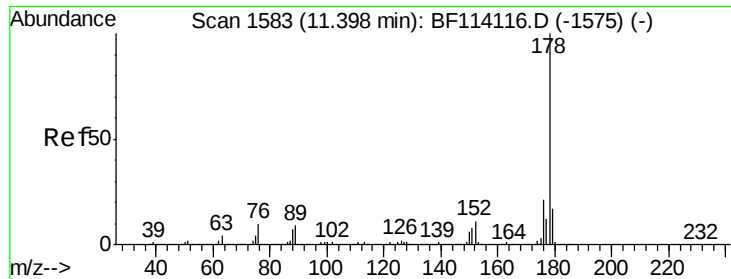
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114506.D
Acq: 23 May 2019 1:39

Tgt Ion:	188	Resp:	617337
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.4	12.6
80	10.3	9.2	13.8



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





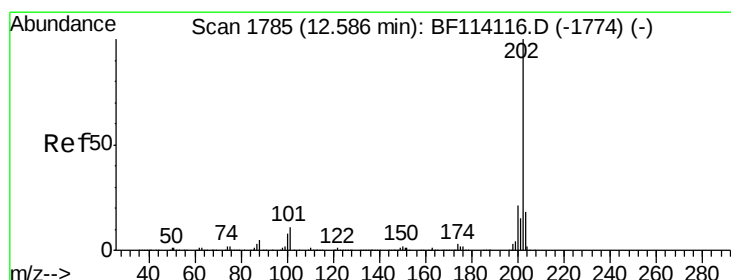
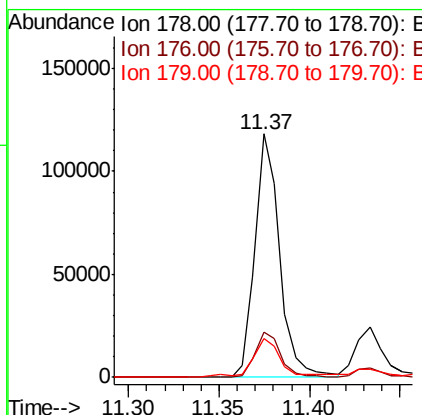
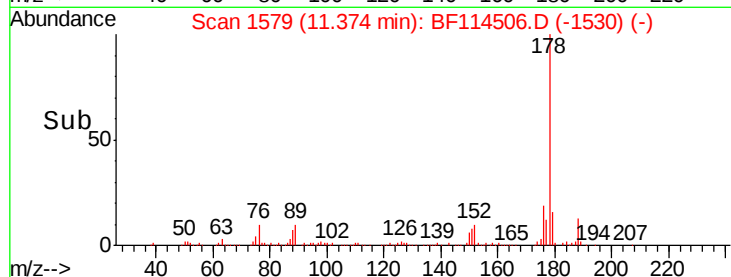
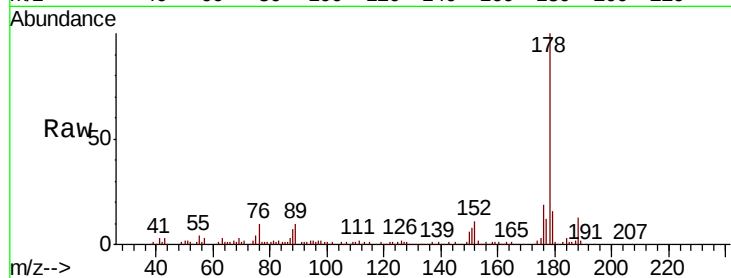
#71
Phenanthrene
Concen: 3.740 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF114506.D
Acq: 23 May 2019 1:39

Instrument :
BNA_F
ClientSampleId :
TP-11-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.4	24.6
179	15.8	13.2	19.8

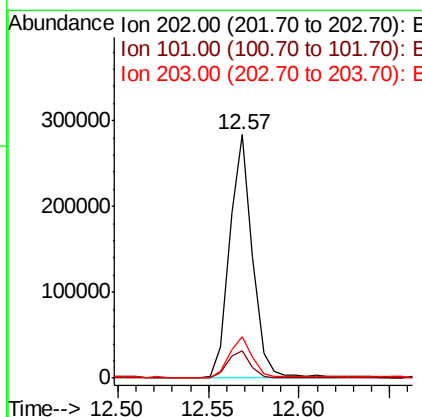
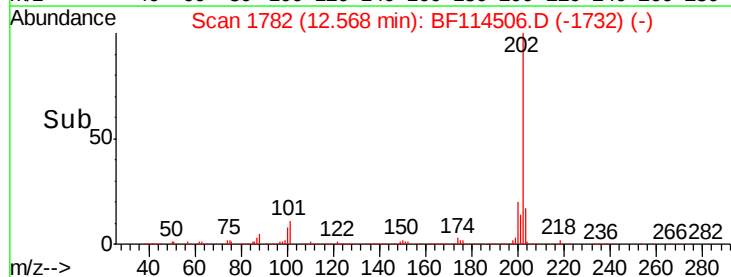
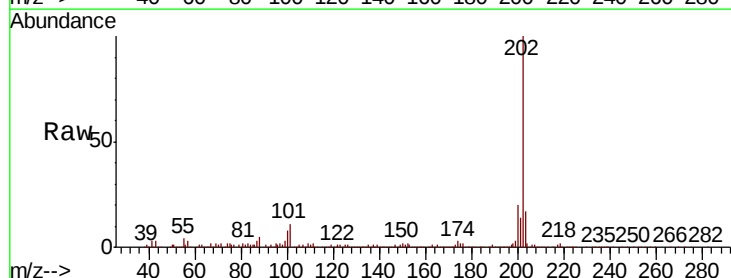
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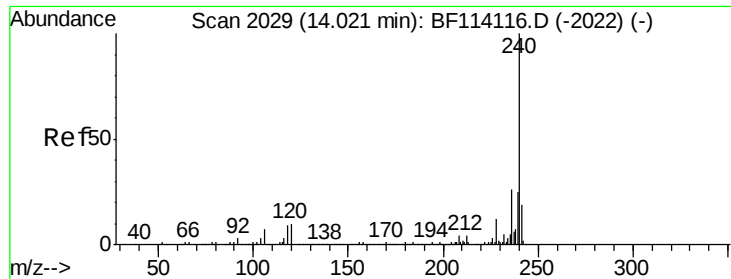
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#75
Fluoranthene
Concen: 7.755 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF114506.D
Acq: 23 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.0
203	17.2	0.0	38.4





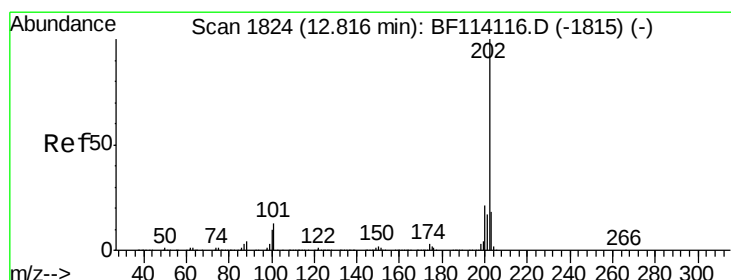
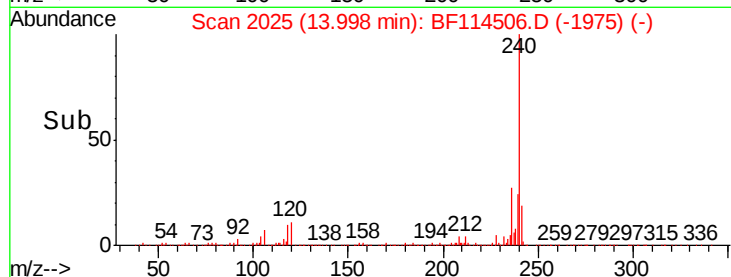
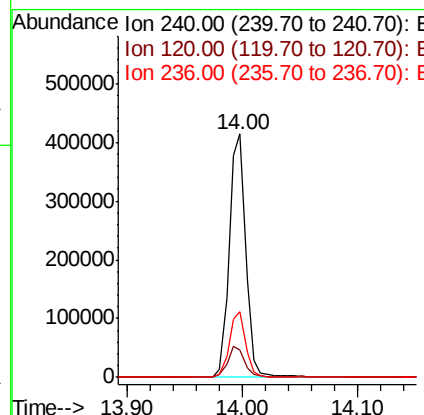
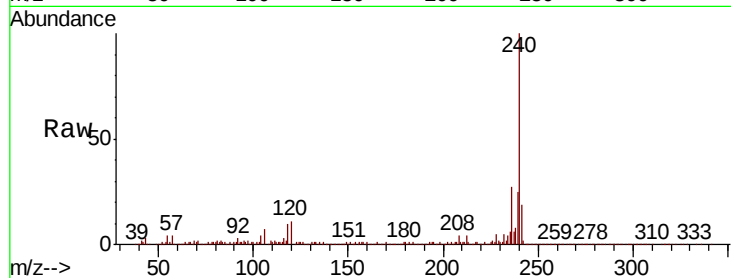
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114506.D
Acq: 23 May 2019 1:39

Instrument :
BNA_F
ClientSampled :
TP-11-S

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.3	8.3	12.5	
236	27.0	20.8	31.2	

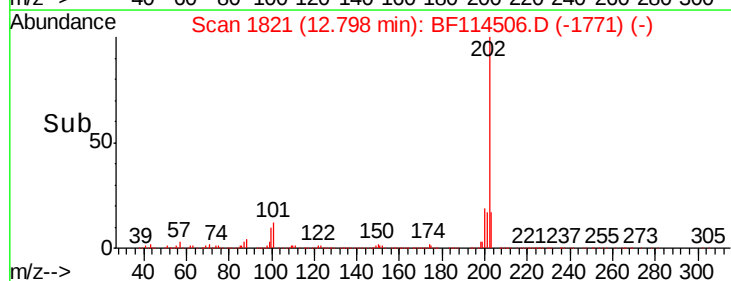
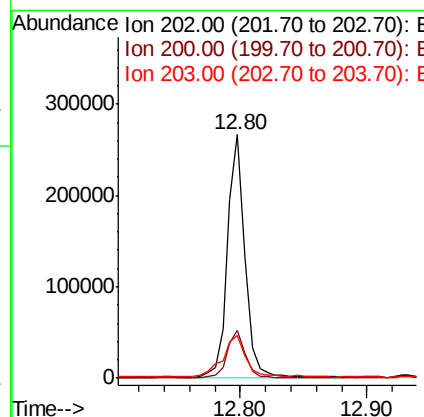
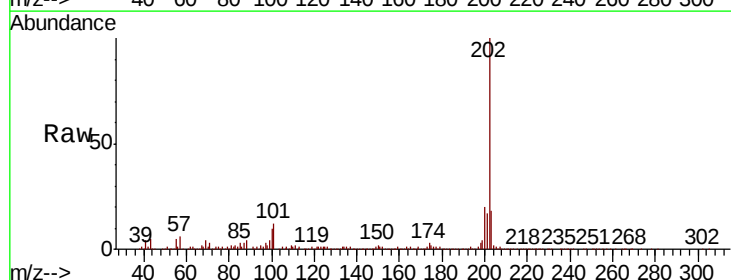
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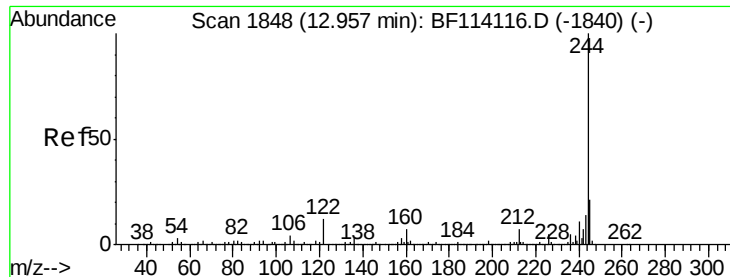
mohammad
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#78
Pyrene
Concen: 7.752 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF114506.D
Acq: 23 May 2019 1:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.5	16.9	25.3	
203	17.7	14.5	21.7	





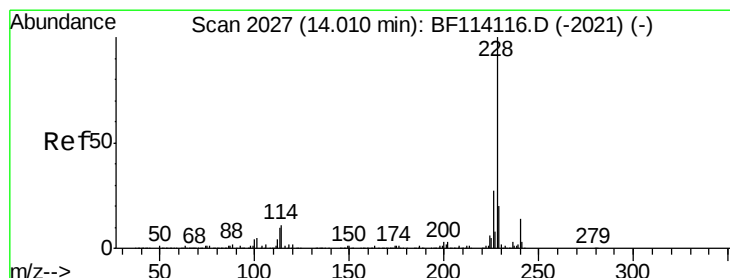
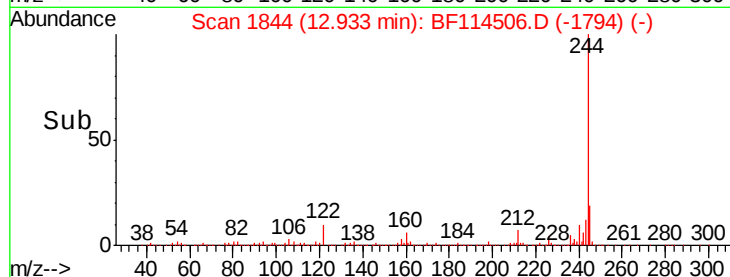
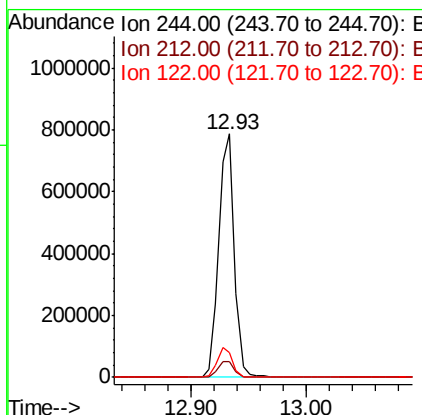
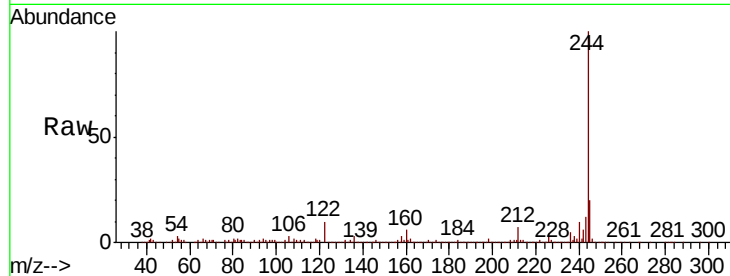
#79
 Terphenyl-d14
 Concen: 37.208 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114506.D
 Acq: 23 May 2019 1:39

Instrument :
 BNA_F
 ClientSampled :
 TP-11-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	10.4	9.4	14.2

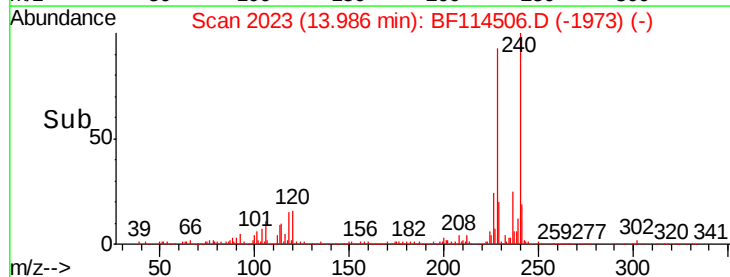
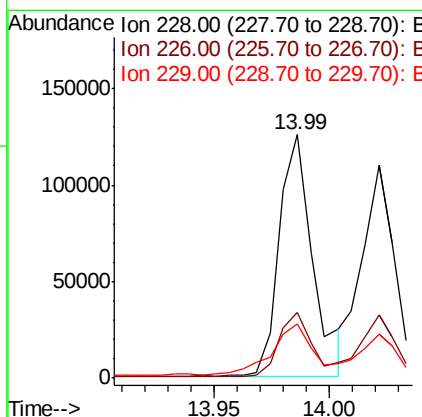
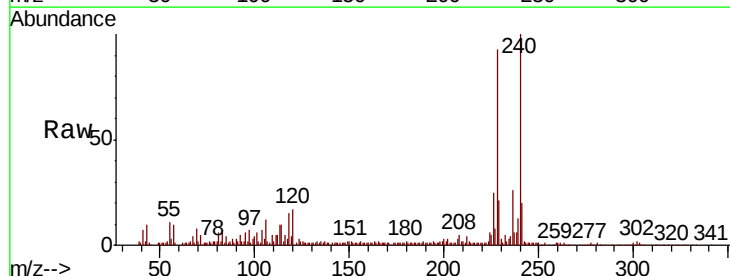
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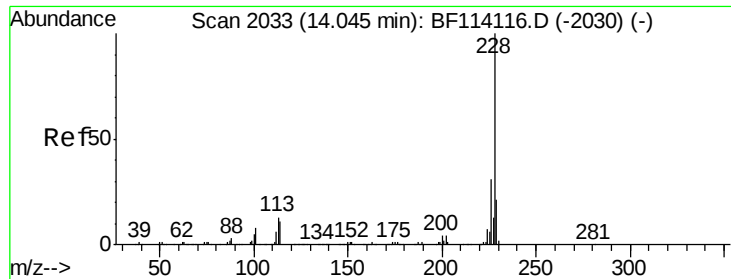
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.751 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114506.D
 Acq: 23 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.2	33.2
229	22.1	16.4	24.6





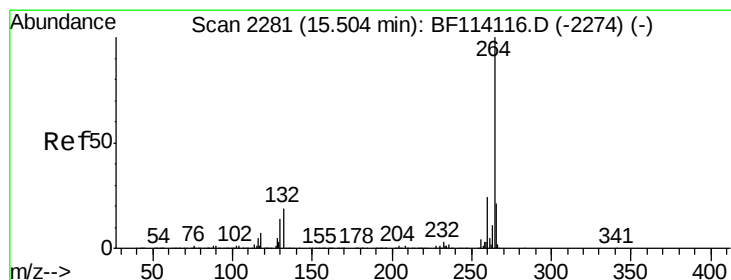
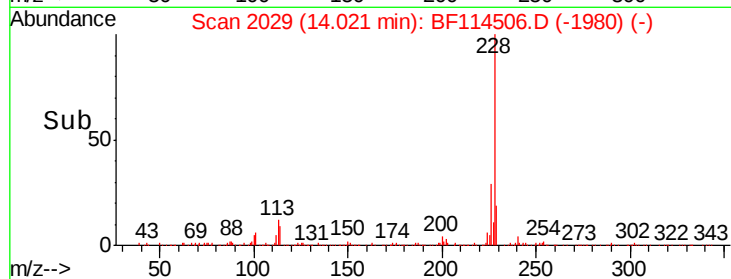
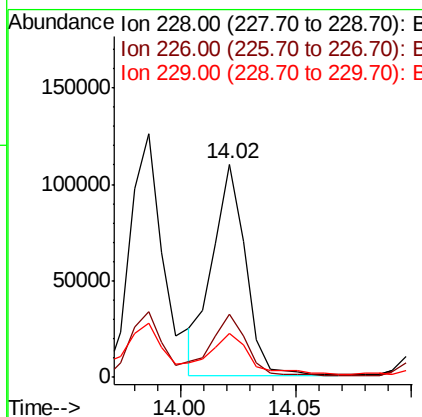
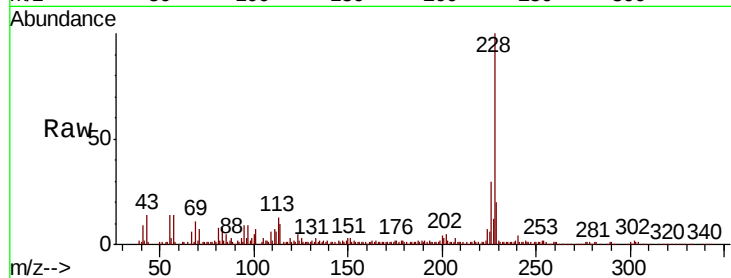
#83
Chrysene
Concen: 4.194 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF114506.D
Acq: 23 May 2019 1:39

Instrument :
BNA_F
ClientSampleId :
TP-11-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	20.4	17.0	25.6

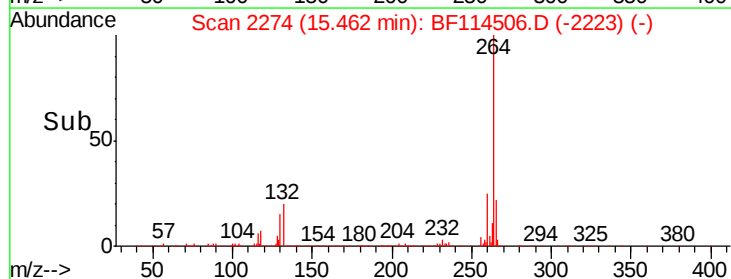
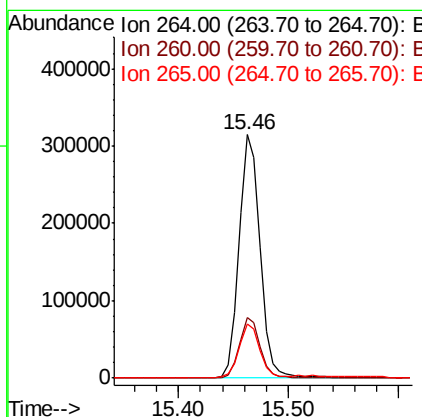
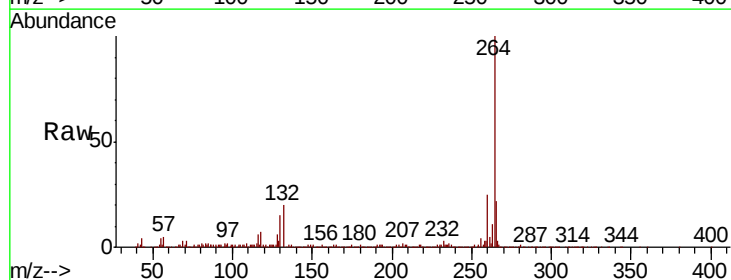
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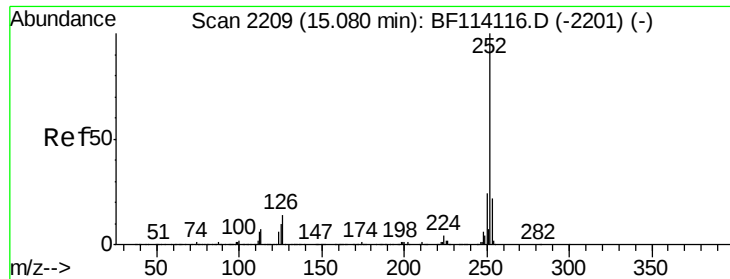
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF114506.D
Acq: 23 May 2019 1:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.5	16.9	25.3





#88

Benzo(b)fluoranthene

Concen: 5.288 ng/mL

RT: 15.04 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BF114506.D

Acq: 23 May 2019 1:39

Instrument :

BNA_F

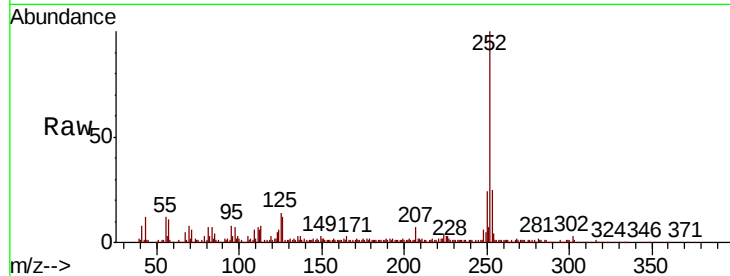
ClientSampleId :

TP-11-S

Tot Ion:	252	Resp:	143513
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.8	26.8
125	13.9	8.3	12.5

Manual Integrations
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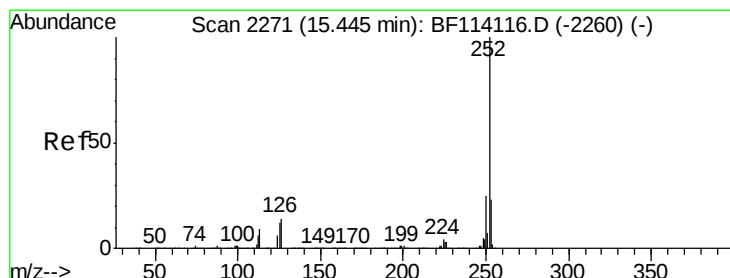
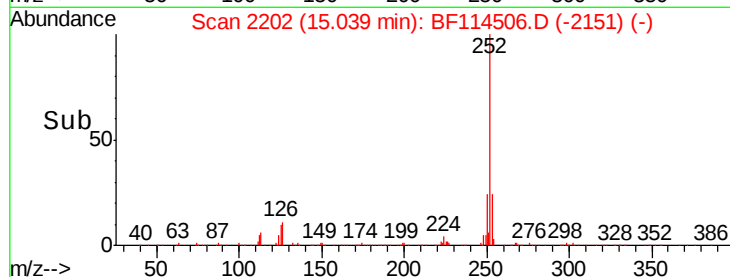
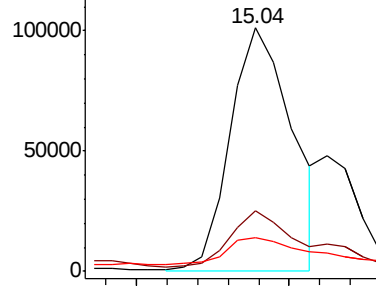


Abundance

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



#90

Benzo(a)pyrene

Concen: 4.339 ng/mL

RT: 15.40 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BF114506.D

Acq: 23 May 2019 1:39

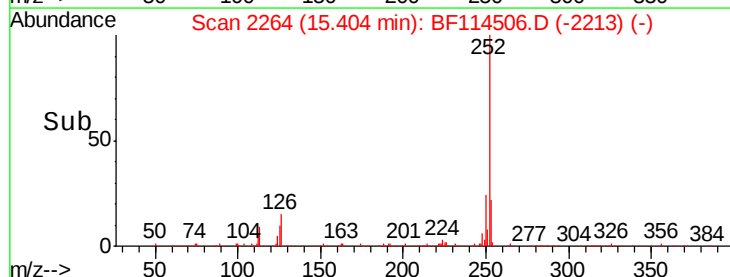
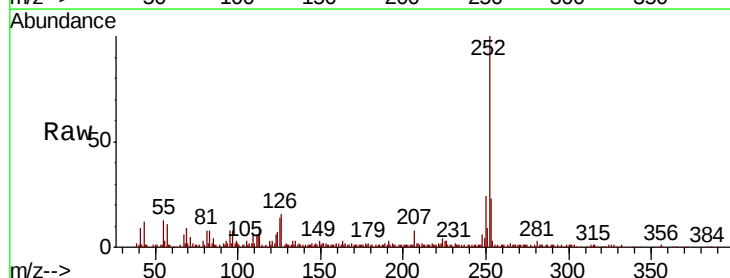
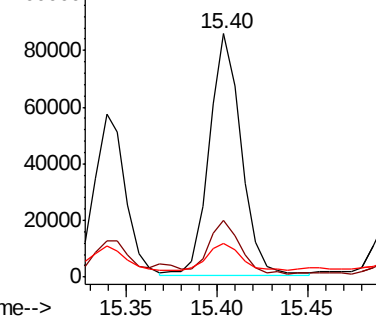
Tgt Ion:	252	Resp:	103634
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.1	27.1
125	13.7	9.5	14.3

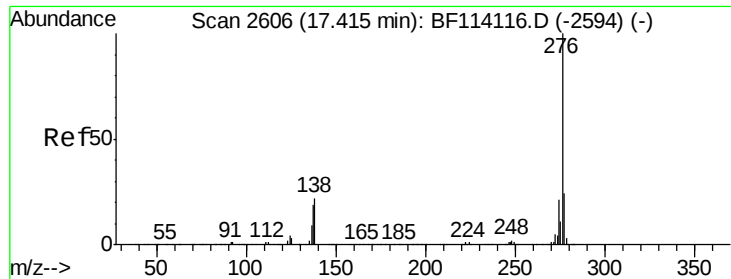
Abundance

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





#92
 Benzo(a,h,i)perylene
 Concen: 2.384 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. 0.01 min
 Lab File: BF114506.D
 Acq: 23 May 2019 1:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	29.0	19.0	28.4	
138	24.7	17.8	26.6	

Manual Integrations
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