

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110479.D
 Acq On : 5 Nov 2018 21:39
 Operator : JU/SJ
 Sample : J5816-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4A-S

Manual Integrations
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Quant Time: Nov 06 04:52:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	107580	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	427626	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	171745	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	253691	20.00	ng	0.00
76) Chrysene-d12	14.13	240	184084	20.00	ng	0.00
87) Perylene-d12	15.66	264	140361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	539543	81.67	ng	0.00
7) Phenol-d6	6.58	99	689522	81.60	ng	0.00
23) Nitrobenzene-d5	7.52	82	417088	57.85	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	105655	62.10	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	531677	48.61	ng	0.00
79) Terphenyl-d14	13.07	244	308324	34.83	ng	0.00
Target Compounds						
10) Phenol	6.59	94	52507	5.813	ng	Qvalue # 64
50) Dimethylphthalate	9.70	163	122099	9.631	ng	99
71) Phenanthrene	11.51	178	78093	5.883	ng	97
75) Fluoranthene	12.70	202	192581	14.295	ng	98
78) Pyrene	12.94	202	149719	11.345	ng	98
81) Benzo(a)anthracene	14.12	228	86616	7.934	ng	99
83) Chrysene	14.16	228	92855	8.955	ng	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	28380	3.299	ng	96
88) Benzo(b)fluoranthene	15.20	252	94634m	11.676	ng	
89) Benzo(k)fluoranthene	15.23	252	37864m	4.752	ng	
90) Benzo(a)pyrene	15.59	252	47417	6.358	ng	# 98
92) Benzo(a,h,i)perylene	17.70	276	22307	3.518	ng	99

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

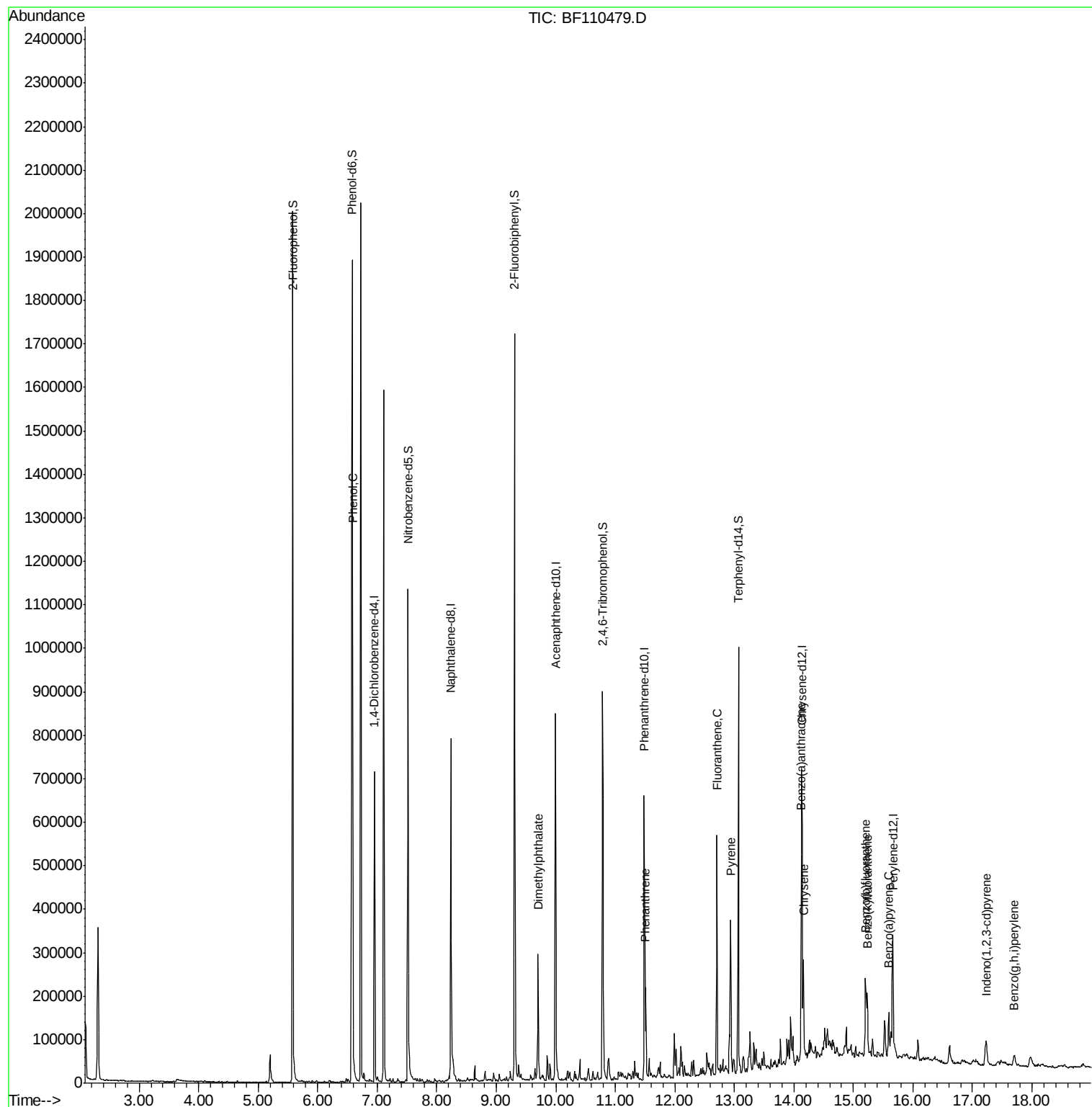
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110479.D
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ALS Vial : 26 Sample Multiplier: 1

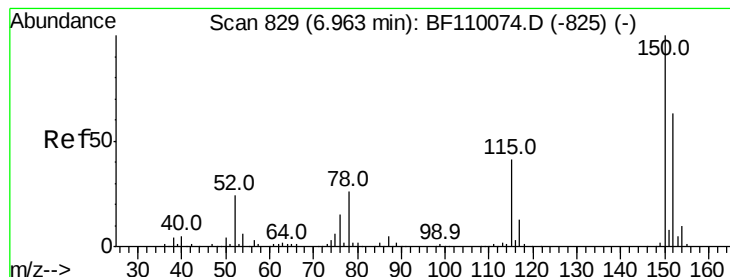
Instrument :
BNA_F
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TP-4A-S

Quant Time: Nov 06 04:52:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
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#1

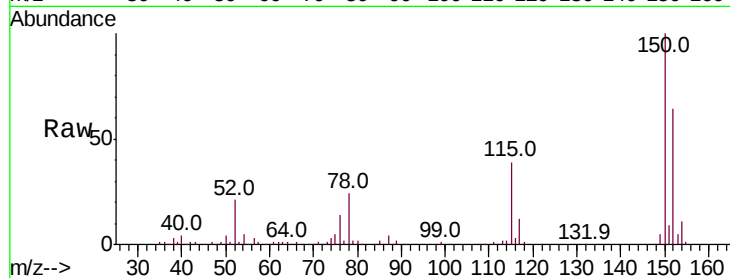
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.7	184.1
115	60.7	49.1	73.7

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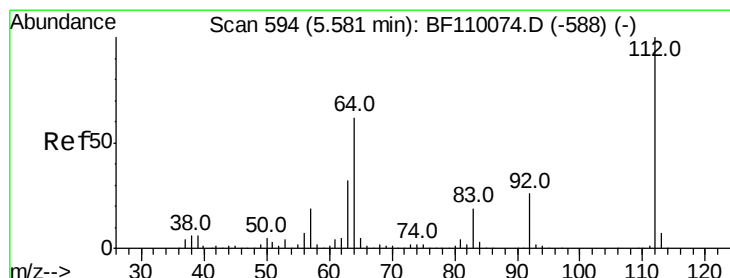
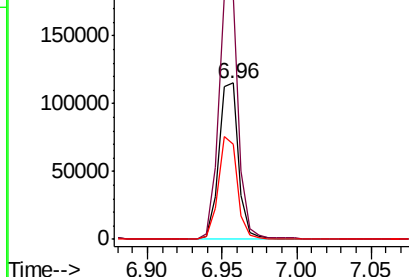
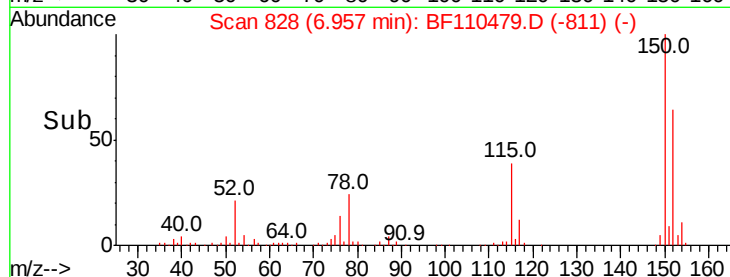


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

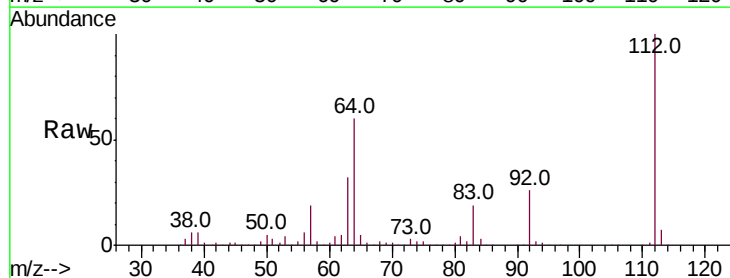
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.671 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.1	66.1
63	32.1	23.7	35.5

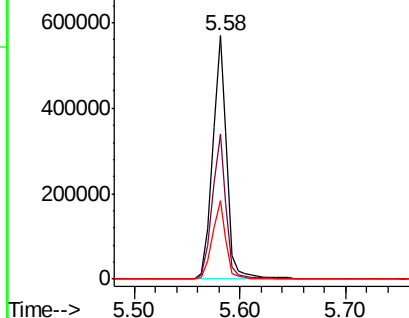
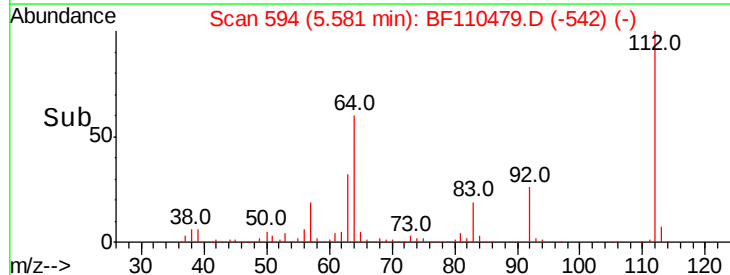


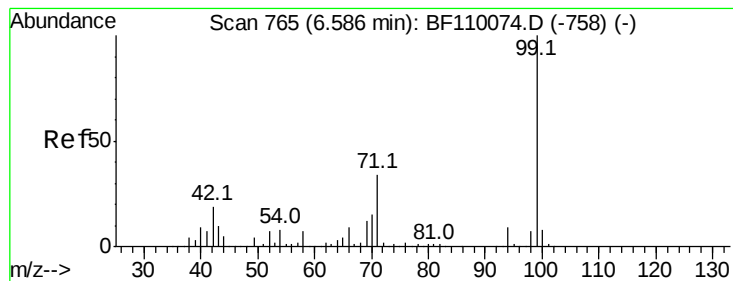
Abundance

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: 81.601 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110479.D

Acq: 5 Nov 2018 21:39

Instrument :

BNA_F

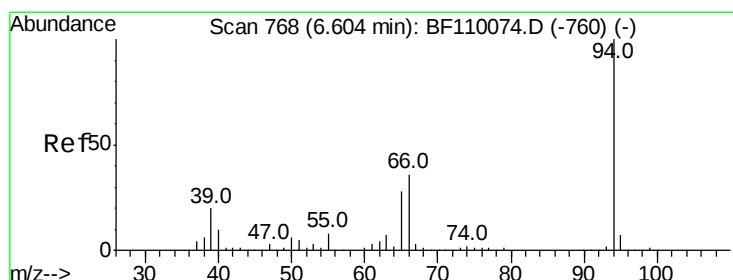
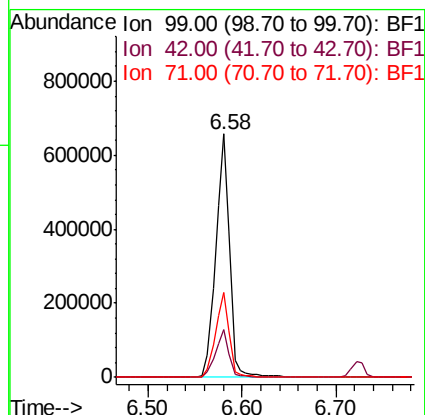
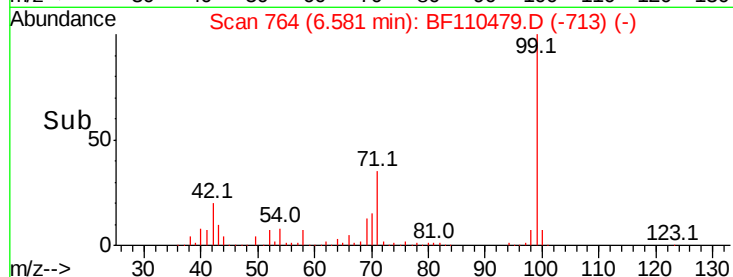
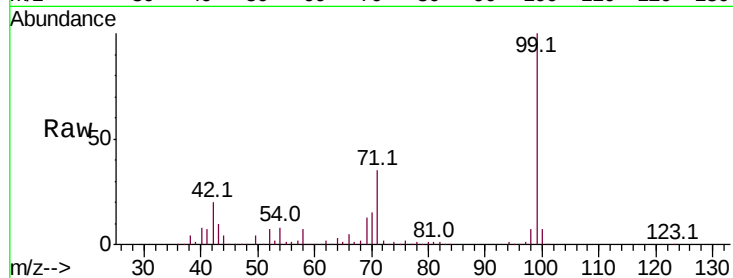
ClientSampled :

TP-4A-S

Tot Ion:	99	Resp:	689522
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.8	23.6
71	35.1	28.0	42.0

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#10

Phenol

Concen: 5.813 ng

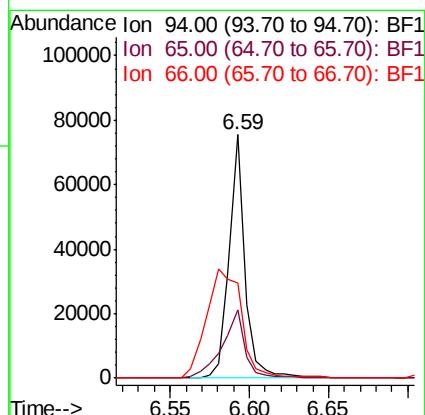
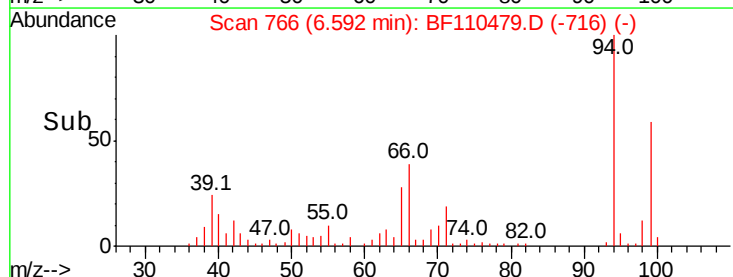
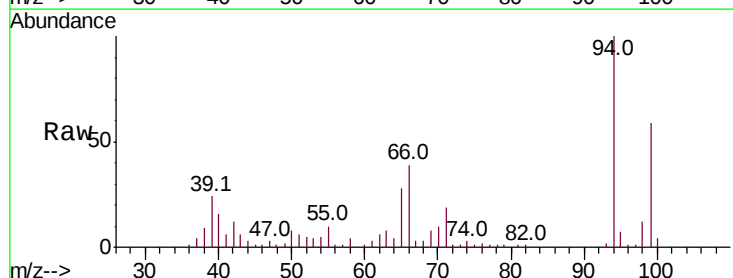
RT: 6.59 min Scan# 766

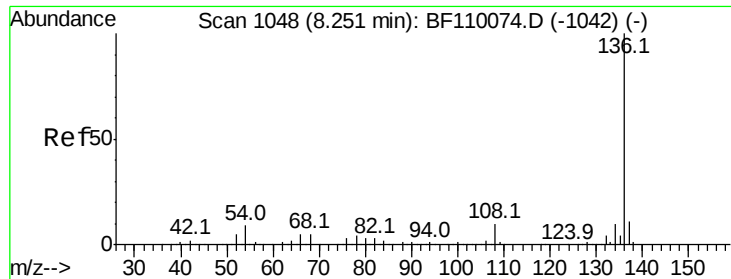
Delta R.T. -0.01 min

Lab File: BF110479.D

Acq: 5 Nov 2018 21:39

Tgt Ion:	94	Resp:	52507
Ion Ratio	Lower	Upper	
94	100		
65	28.1	25.3	65.3
66	38.9	54.5	94.5#





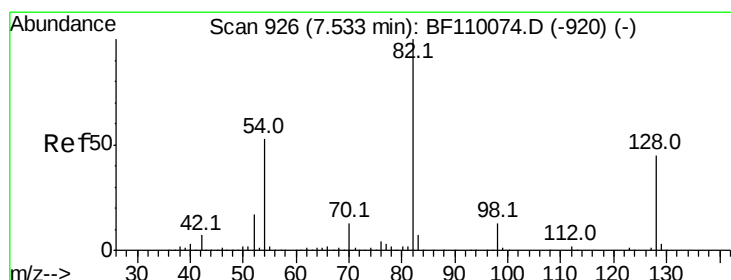
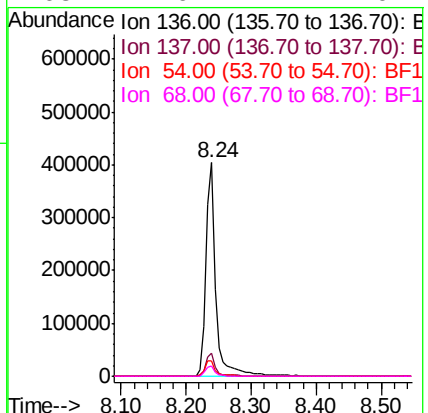
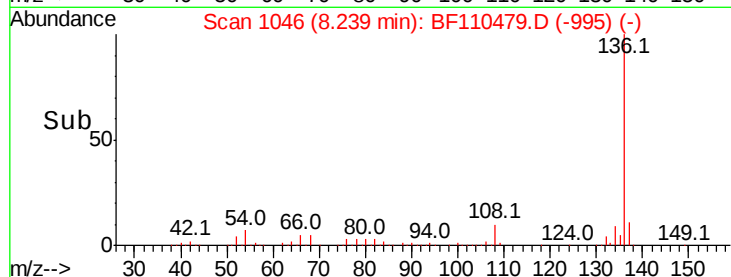
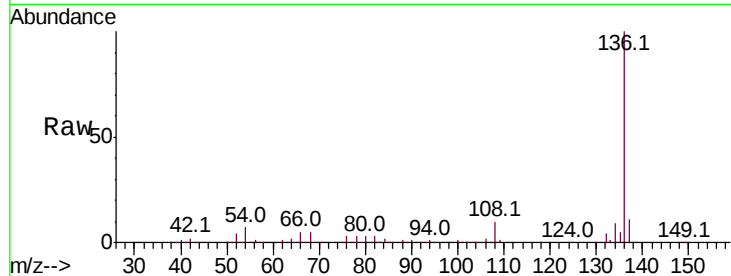
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.8	13.2	
54	7.4	5.4	8.2	
68	4.6	4.2	6.2	

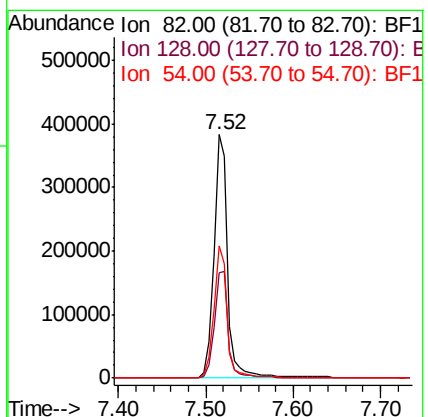
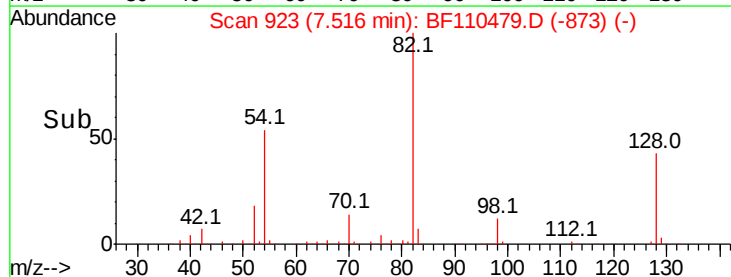
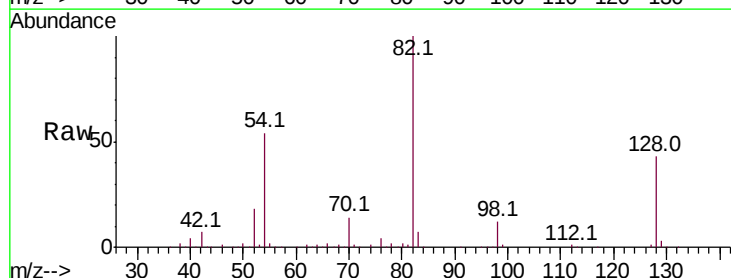
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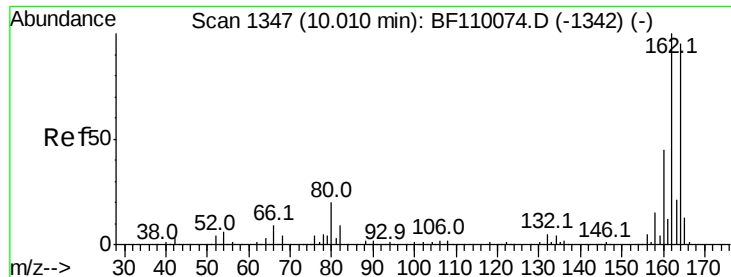
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#23
Nitrobenzene-d5
Concen: 57.852 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.5	34.2	51.2	
54	54.2	38.6	58.0	





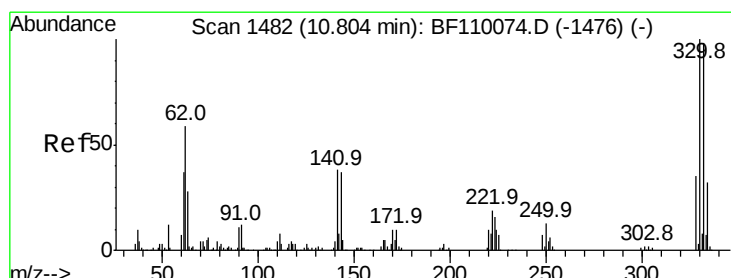
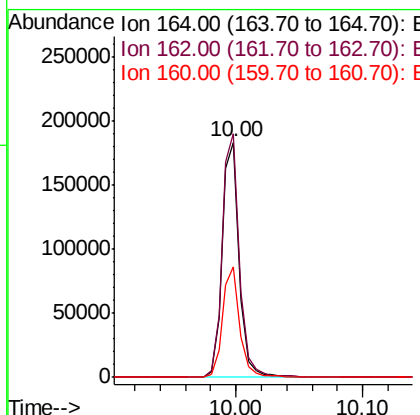
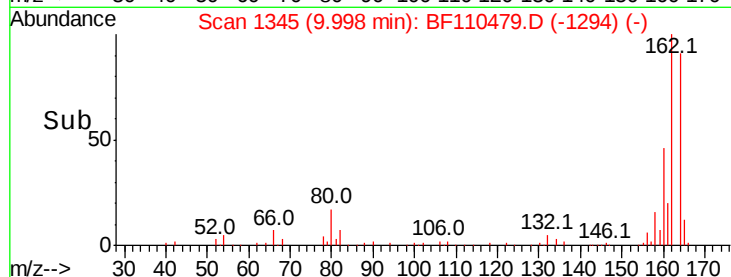
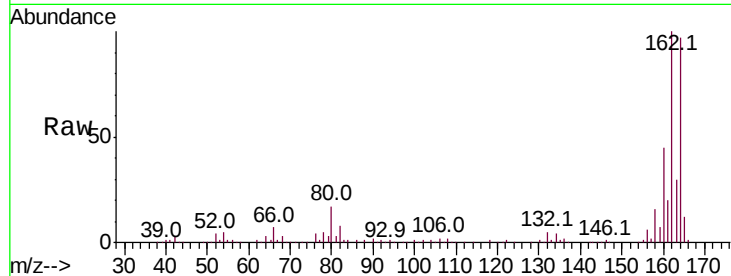
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampled :
TP-4A-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	47.1	37.0	55.6

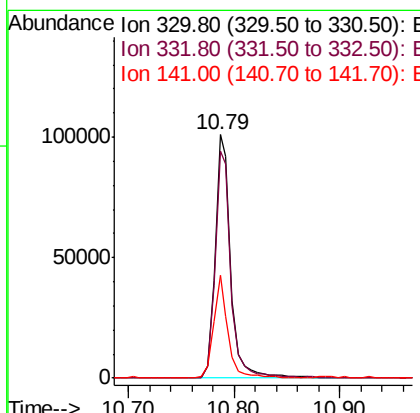
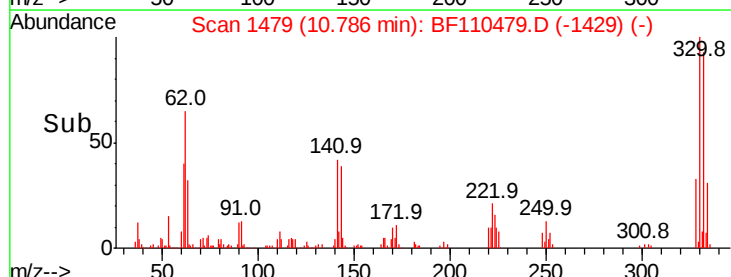
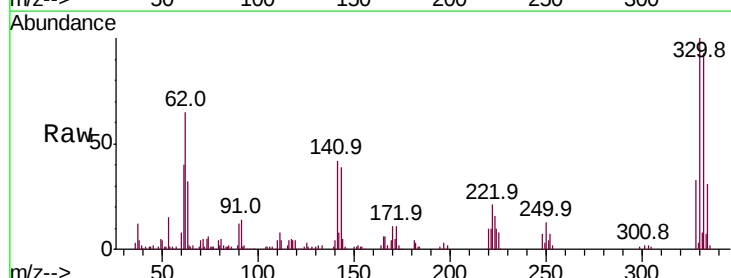
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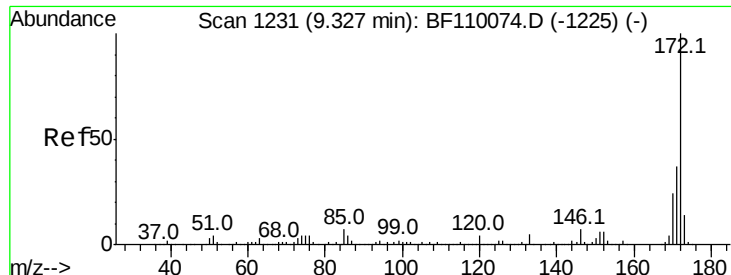
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#42
2,4,6-Tribromophenol
Concen: 62.104 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.1	115.7
141	39.1	27.0	40.4





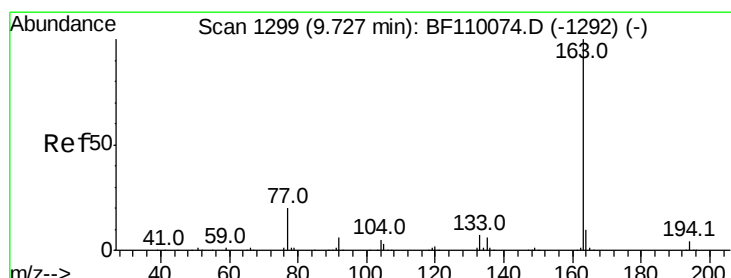
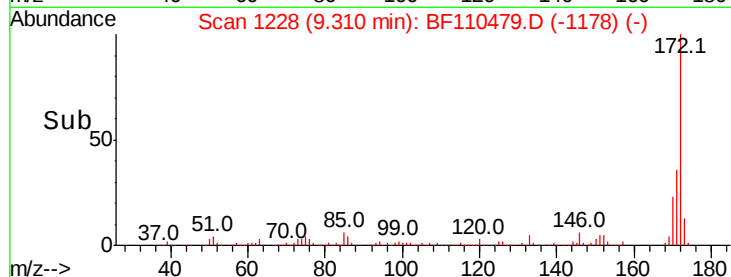
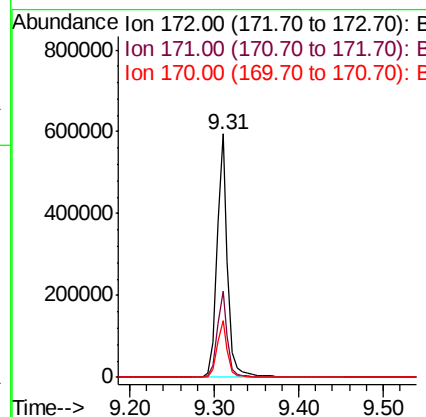
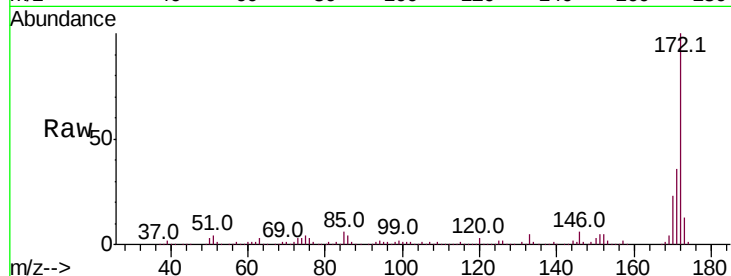
#45
2-Fluorobiphenyl
Concen: 48.611 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tot Ion	Ratio	Resp	Lower	Upper
172	100	531677		
171	35.5		28.6	43.0
170	23.4		19.7	29.5

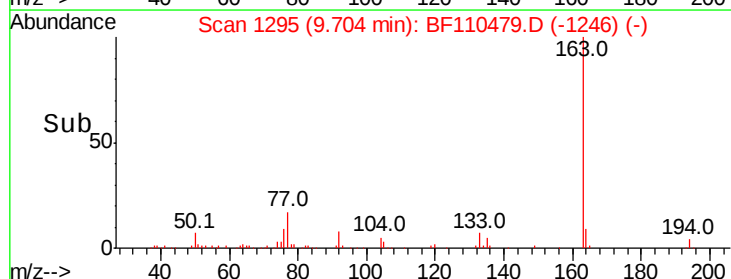
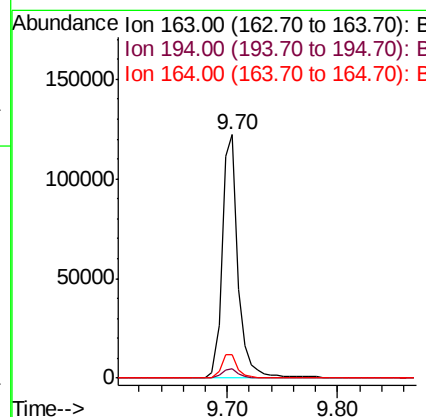
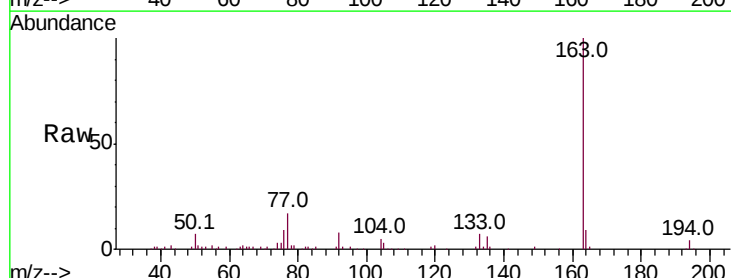
Manual Integrations
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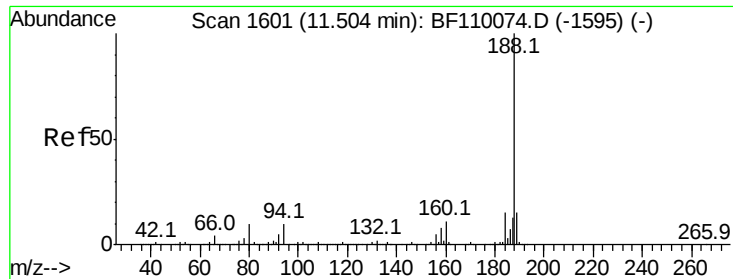
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#50
Dimethylphthalate
Concen: 9.631 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	122099		
194	3.9		3.2	4.8
164	9.5		8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110479.D

Acq: 5 Nov 2018 21:39

Instrument :

BNA_F

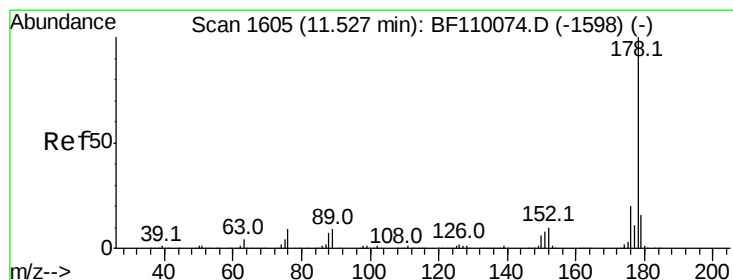
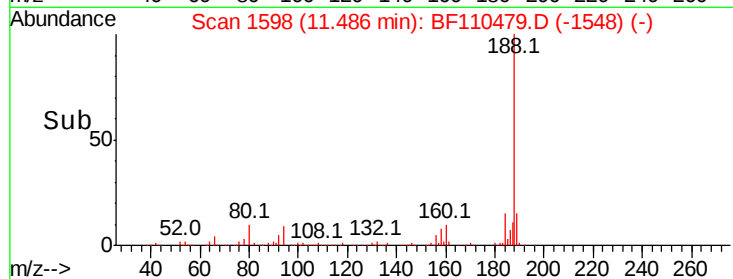
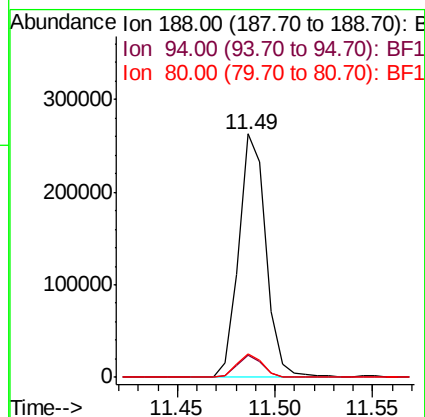
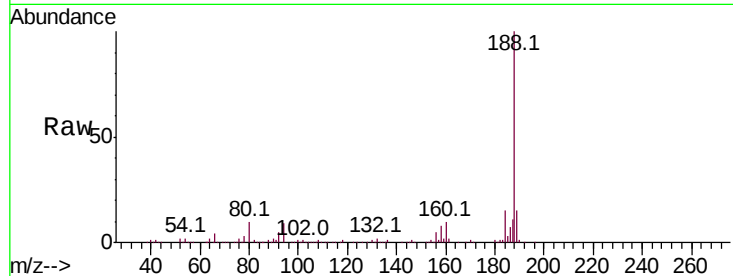
ClientSampleId :

TP-4A-S

Tot Ion:	188	Resp:	253691
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.2	10.8
80	9.8	7.9	11.9

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#71

Phenanthrene

Concen: 5.883 ng

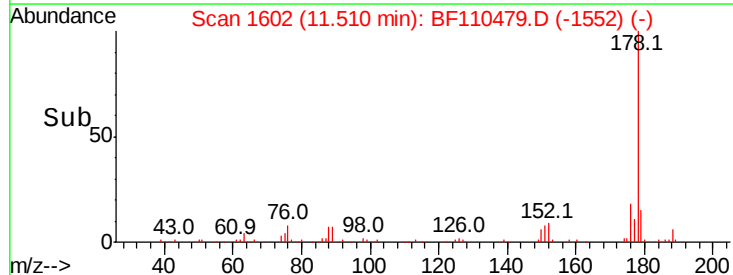
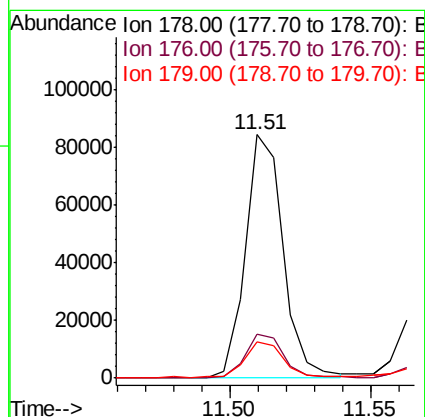
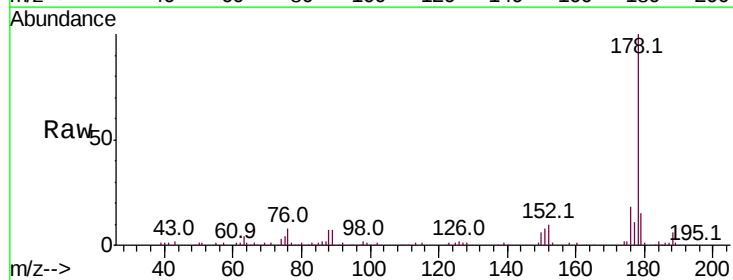
RT: 11.51 min Scan# 1602

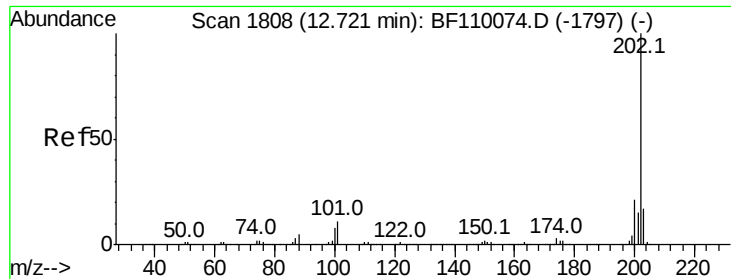
Delta R.T. -0.01 min

Lab File: BF110479.D

Acq: 5 Nov 2018 21:39

Tgt Ion:	178	Resp:	78093
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.5	23.3
179	14.8	12.5	18.7





#75

Fluoranthene

Concen: 14.295 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110479.D

Acq: 5 Nov 2018 21:39

Instrument :

BNA_F

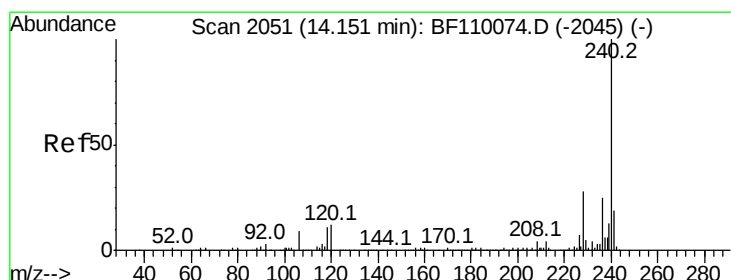
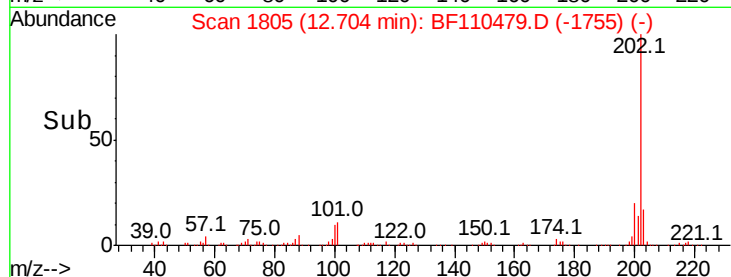
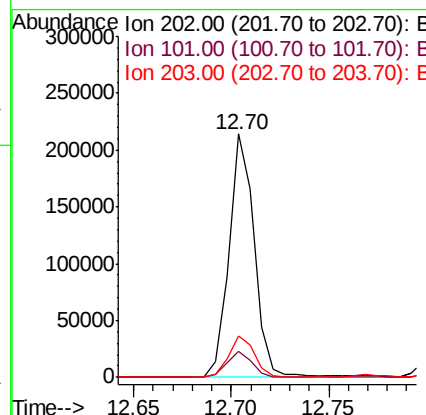
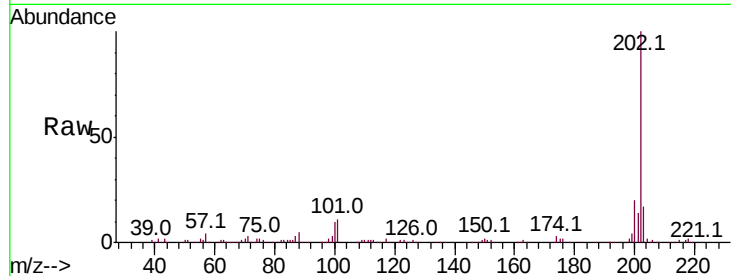
ClientSampleId :

TP-4A-S

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	31.4
203	16.9	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

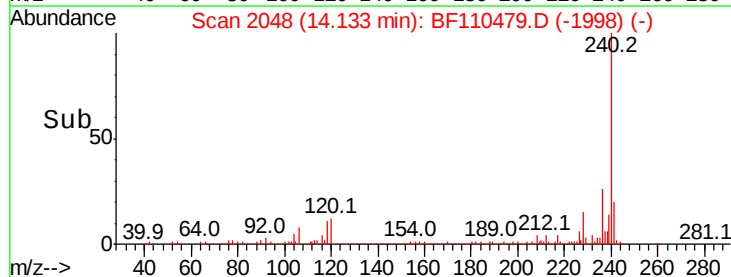
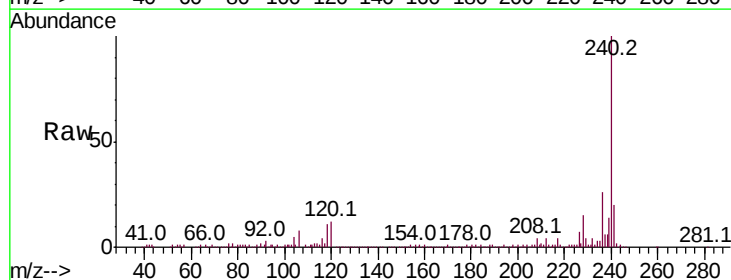
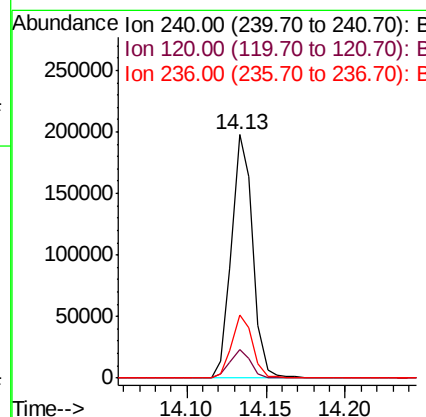
RT: 14.13 min Scan# 2048

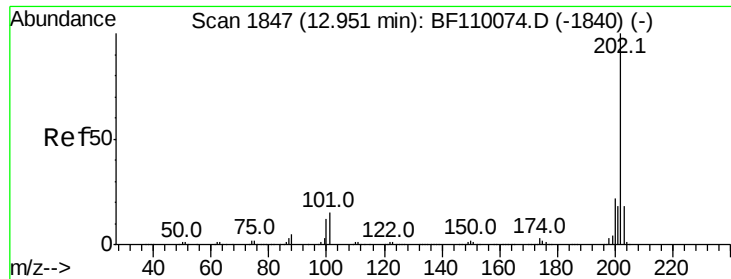
Delta R.T. -0.01 min

Lab File: BF110479.D

Acq: 5 Nov 2018 21:39

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.9	8.3	12.5
236	26.0	21.2	31.8





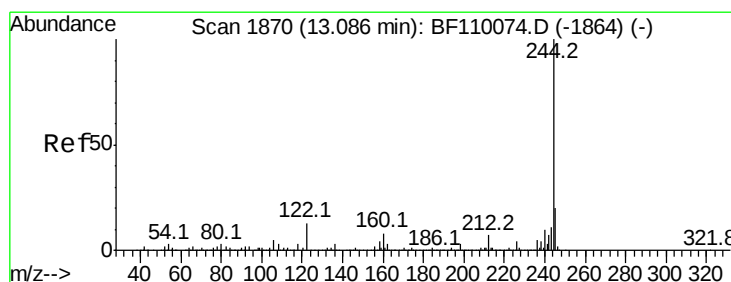
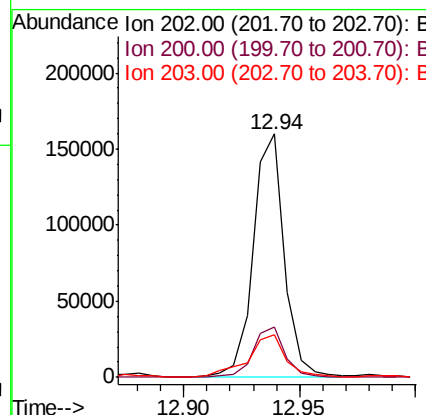
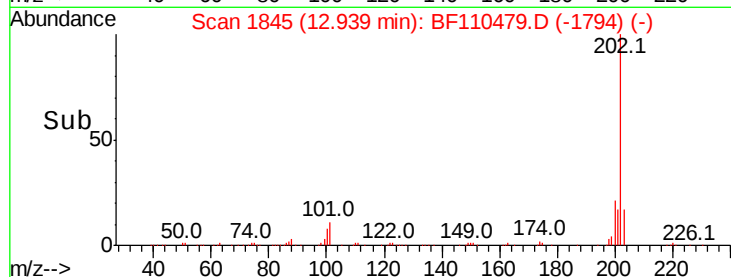
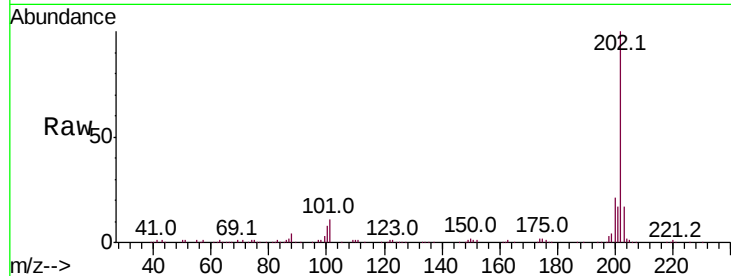
#78
Pvrene
Concen: 11.345 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.4	14.2	21.4

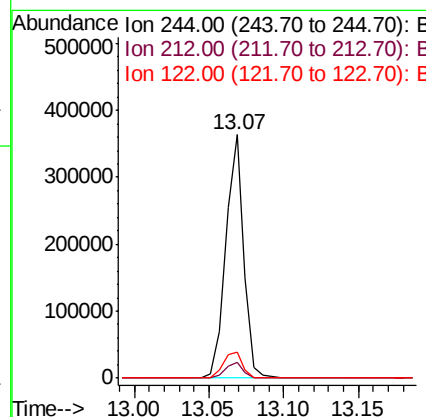
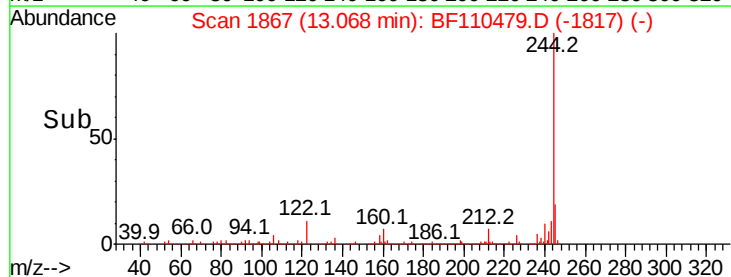
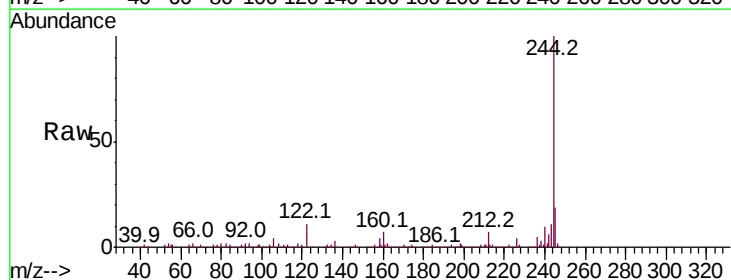
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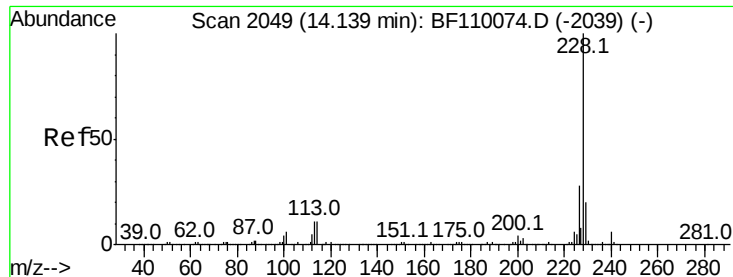
Sohil
11/6/2018 9:01:19 AM



#79
Terphenyl-d14
Concen: 34.833 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	10.6	8.7	13.1





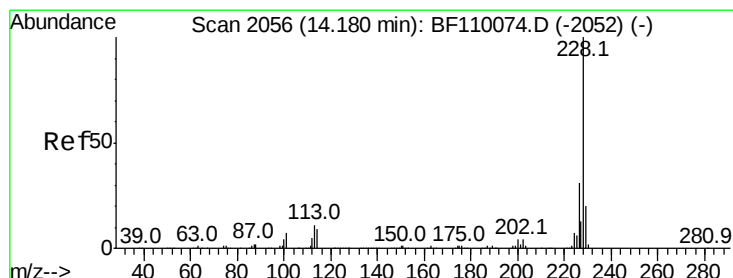
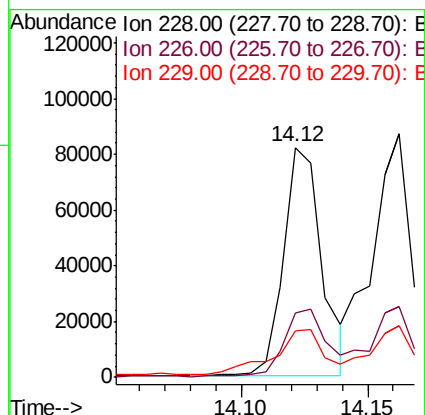
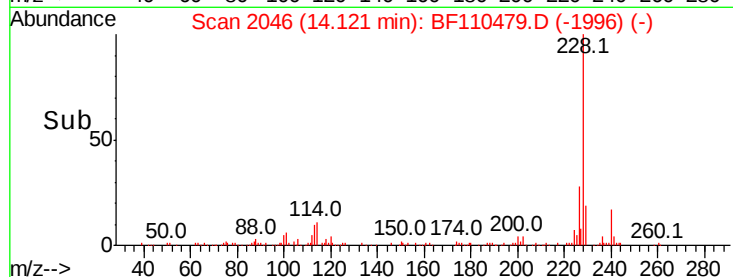
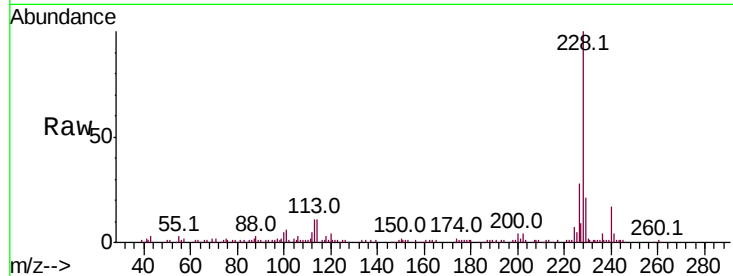
#81
Benzo(a)anthracene
Concen: 7.934 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampled :
TP-4A-S

Tot Ion:228	Resp:	86616
Ion Ratio	Lower	Upper
228 100		
226 27.9	22.1	33.1
229 20.5	15.6	23.4

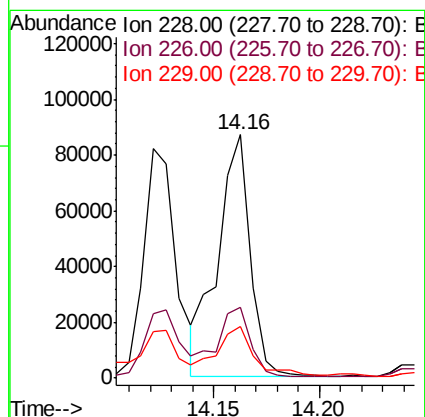
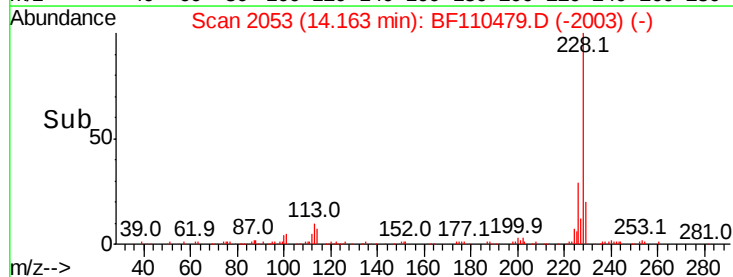
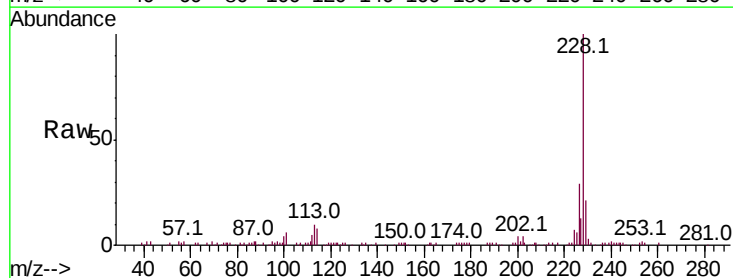
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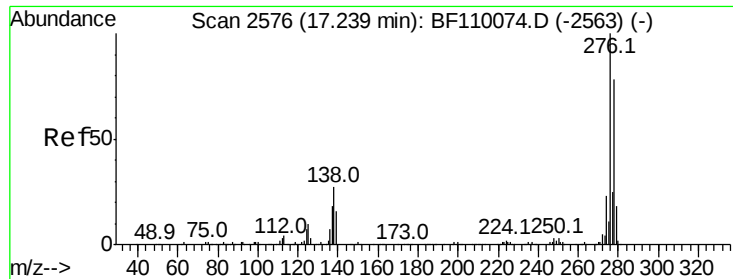
Sohil
11/6/2018 9:01:19 AM



#83
Chrysene
Concen: 8.955 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion:228	Resp:	92855
Ion Ratio	Lower	Upper
228 100		
226 29.2	24.7	37.1
229 21.1	15.9	23.9





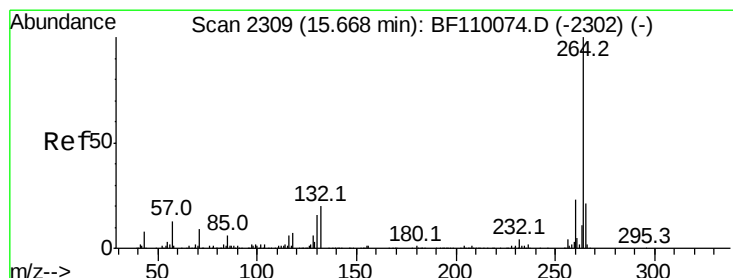
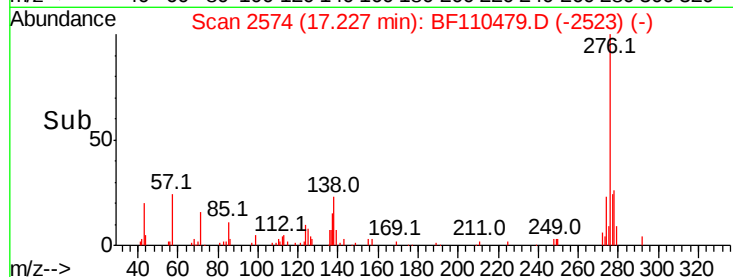
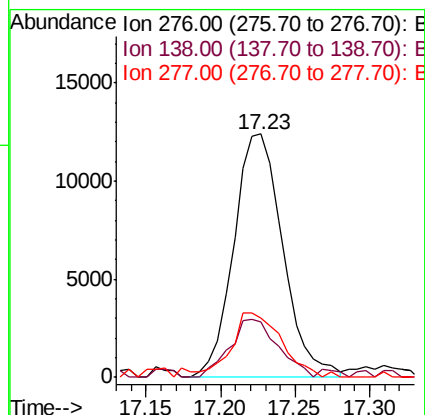
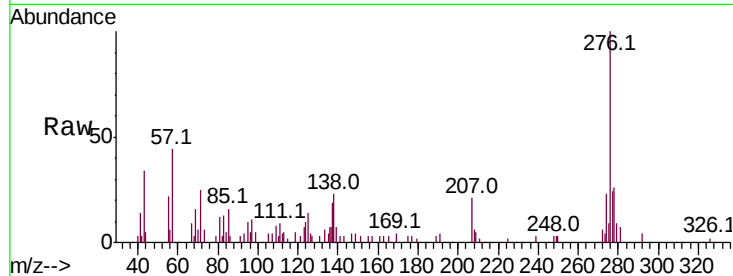
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.299 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.5	27.7
277	28.3	20.0	30.0

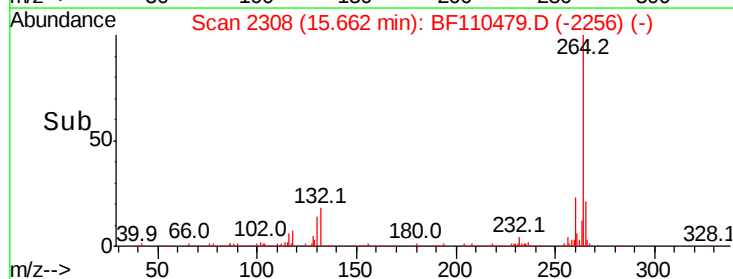
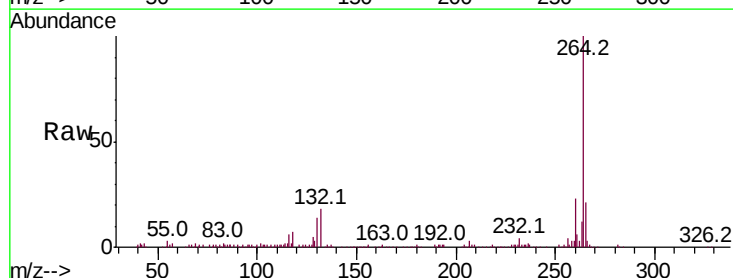
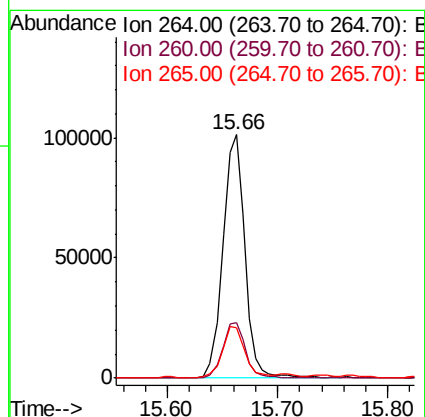
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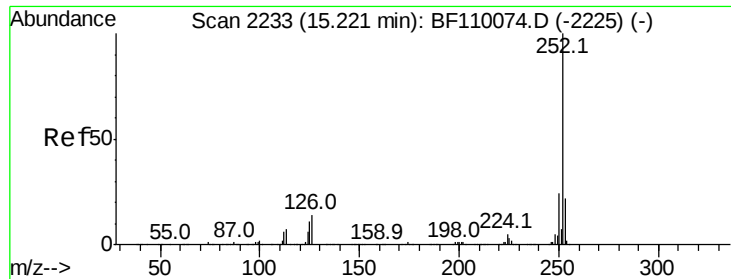
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	20.8	16.7	25.1





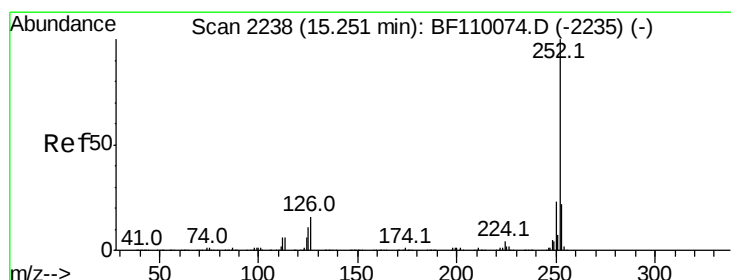
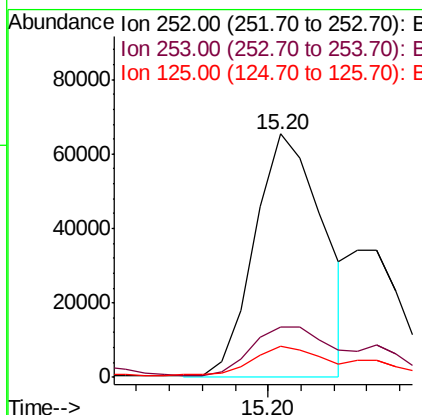
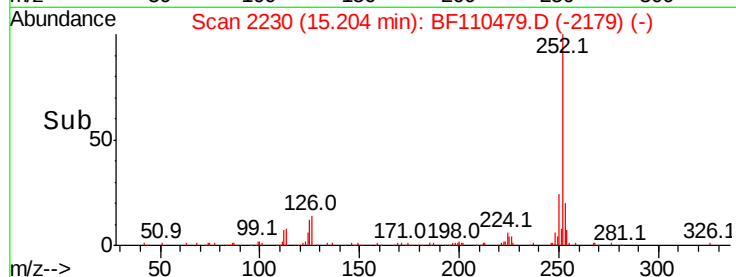
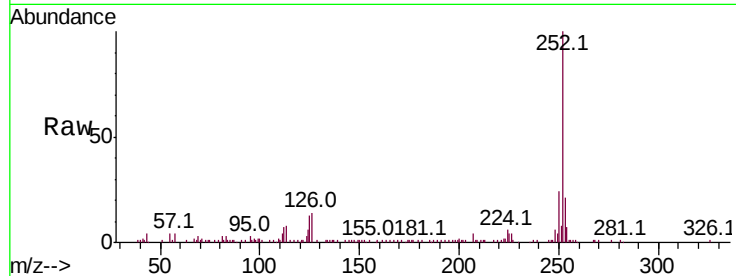
#88
Benzo(b)fluoranthene
Concen: 11.676 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.2	25.8
125	12.7	8.2	12.4

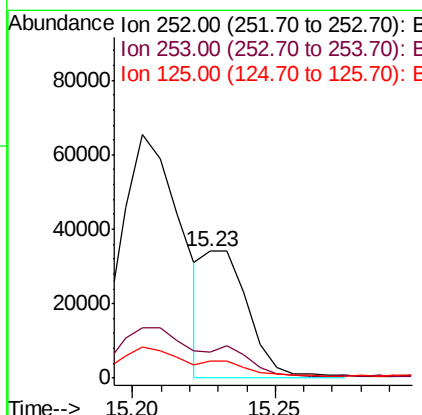
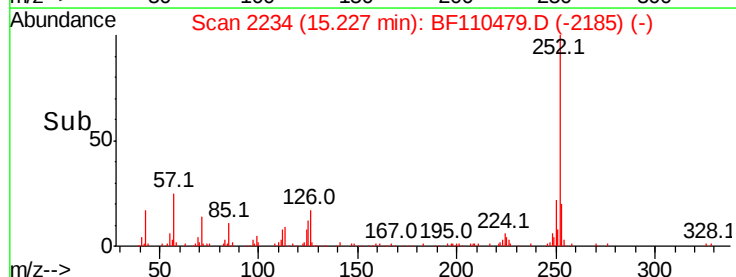
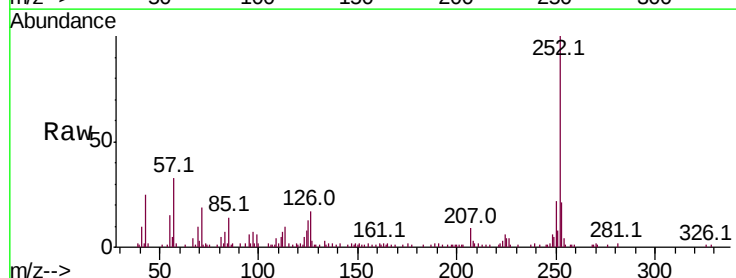
Manual Integrations
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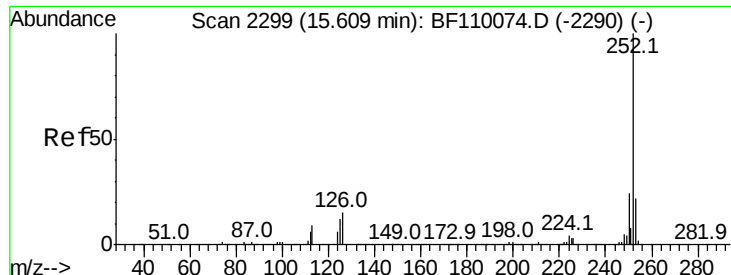
Sohil
11/6/2018 9:01:19 AM



#89
Benzo(k)fluoranthene
Concen: 4.752 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	13.0	7.4	11.0





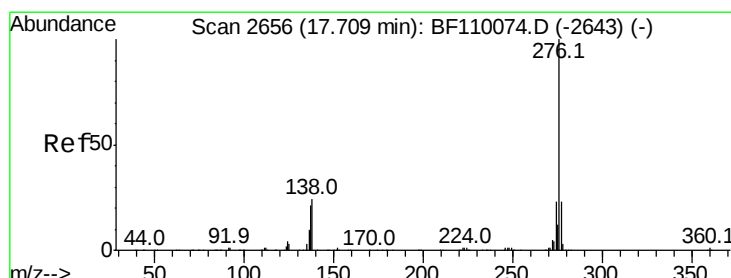
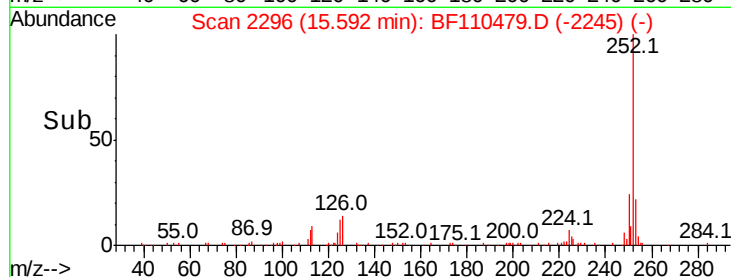
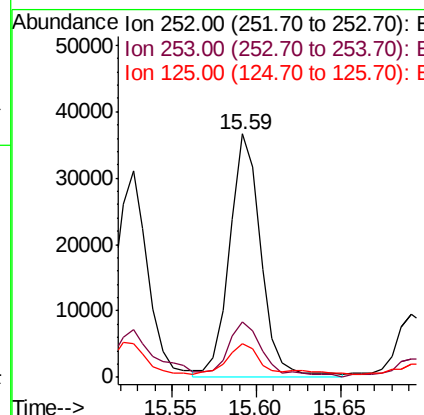
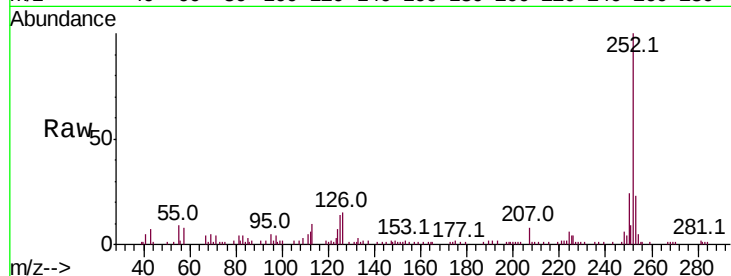
#90
Benzo(a)pyrene
Concen: 6.358 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Instrument :
BNA_F
ClientSampleId :
TP-4A-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	13.9	9.0	13.6

Manual Integrations
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11/6/2018 9:01:19 AM



#92
Benzo(g,h,i)perylene
Concen: 3.518 ng
RT: 17.70 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BF110479.D
Acq: 5 Nov 2018 21:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	19.7	16.0	24.0

