

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098368.D
 Acq On : 8 Sep 2017 23:26
 Operator : SJ/JU
 Sample : I5119-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-116A(0-5)COMP

Manual Integrations
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Quant Time: Sep 09 04:08:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	97889	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	347664	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	128655	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	227504	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	228321	20.00	ng	-0.02
86) Perylene-d12	15.24	264	154841	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	214168	33.28	ng	-0.01
7) Phenol-d6	6.33	99	326233	37.31	ng	-0.02
23) Nitrobenzene-d5	7.25	82	161714	25.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	123714	110.83	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	398807	45.54	ng	-0.03
78) Terphenyl-d14	12.79	244	642860	58.71	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	57561	6.121	ng	98
70) Phenanthrene	11.22	178	173795	14.336	ng	99
71) Anthracene	11.27	178	49572	4.032	ng	97
74) Fluoranthene	12.42	202	619671	48.972	ng	99
77) Pyrene	12.64	202	648961	34.752	ng	98
80) Benzo(a)anthracene	13.83	228	390294	28.521	ng	98
82) Chrysene	13.87	228	331082	24.322	ng	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	134946	13.476	ng	# 90
87) Benzo(b)fluoranthene	14.85	252	371105m	38.023	ng	
88) Benzo(k)fluoranthene	14.87	252	91254m	9.952	ng	
89) Benzo(a)pyrene	15.19	252	253795	29.373	ng	99
90) Dibenzo(a,h)anthracene	16.61	278	34490	4.903	ng	93
91) Benzo(a,h,i)perylene	17.02	276	130760	17.815	ng	# 92

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

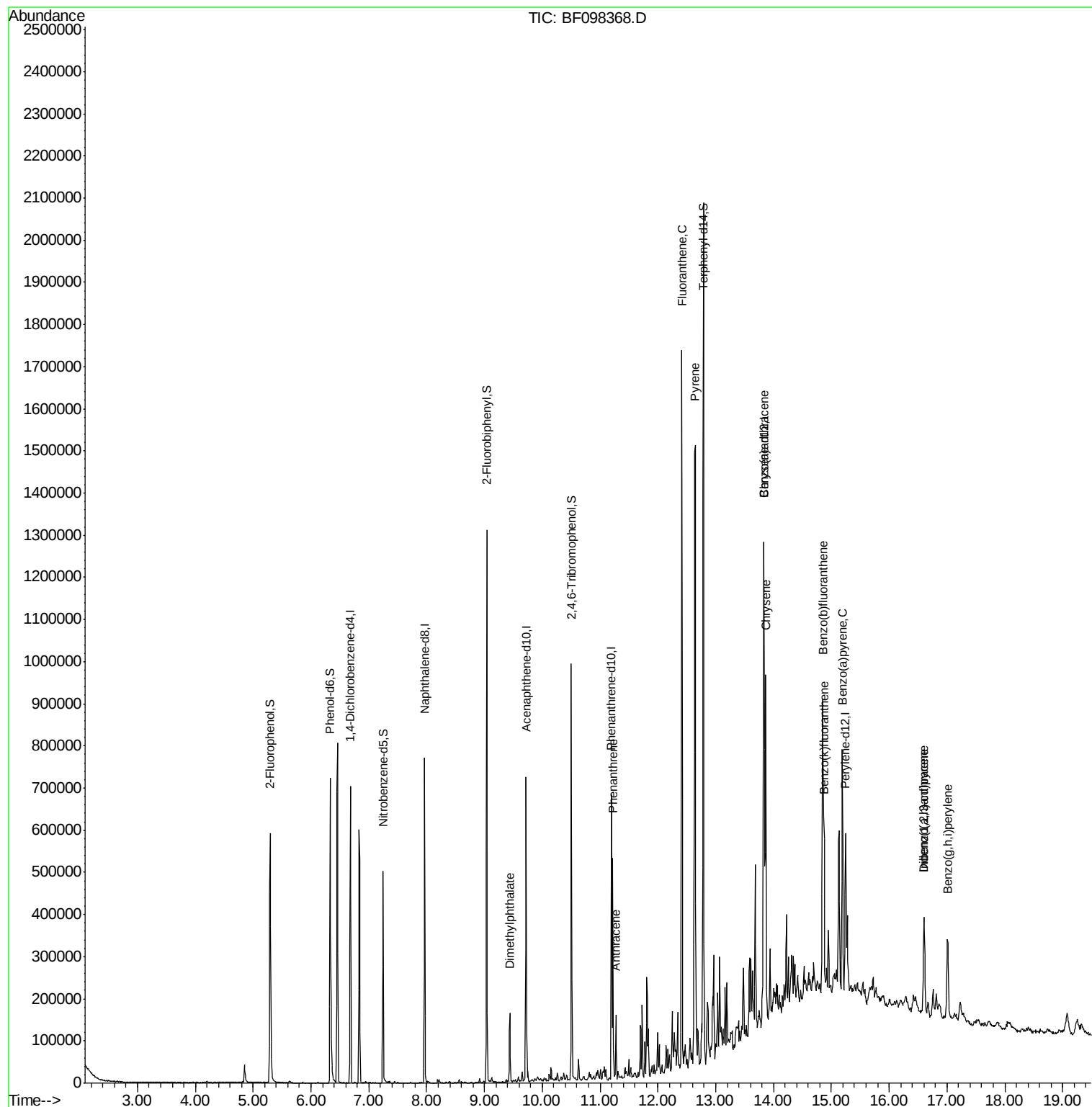
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098368.D
Acq On : 8 Sep 2017 23:26
Operator : SJ/JU
Sample : I5119-01
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ALS Vial : 23 Sample Multiplier: 1

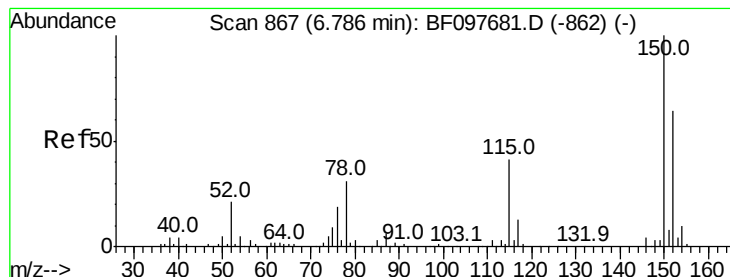
Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMP

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

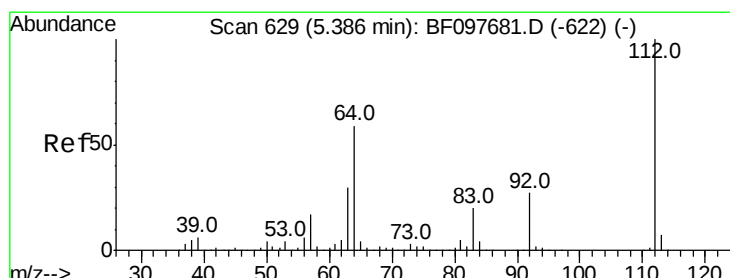
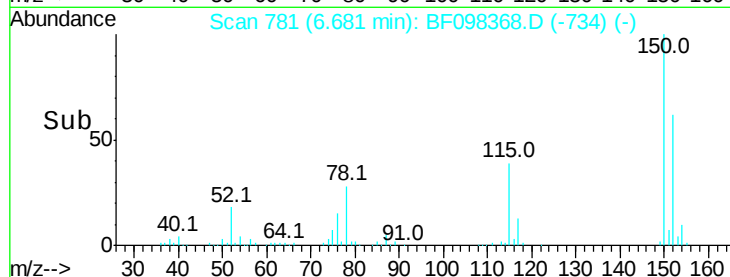
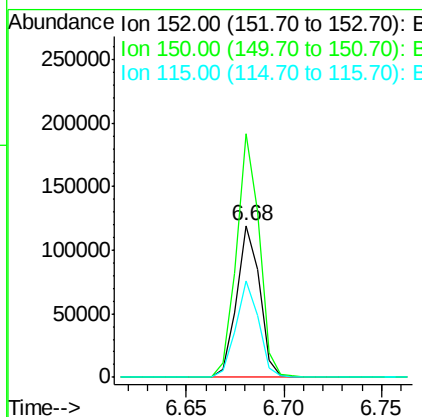
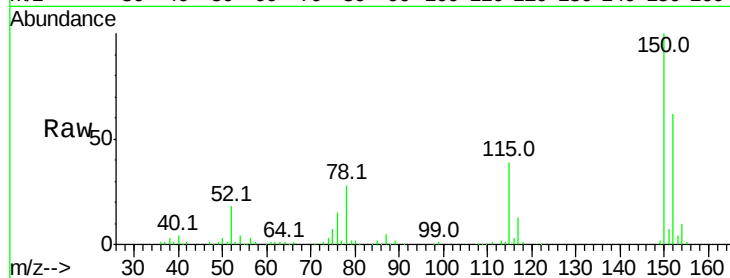
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.2	189.2
115	63.5	52.2	78.2

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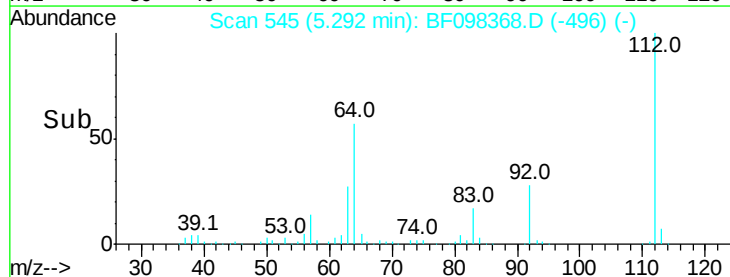
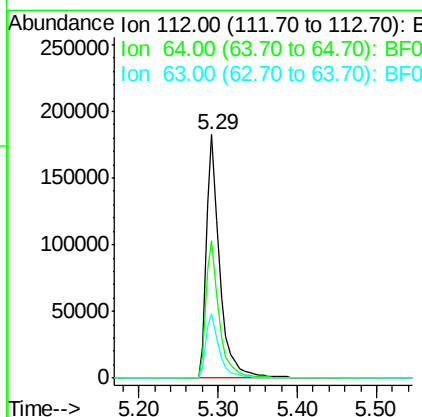
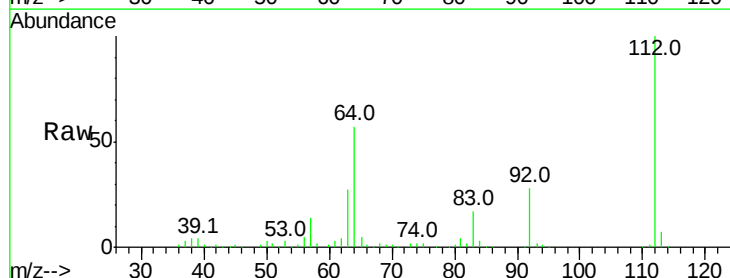
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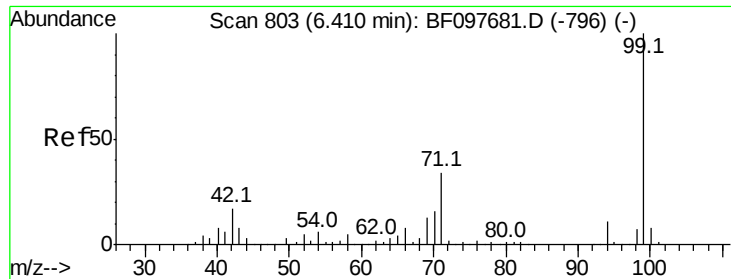


#5

2-Fluorophenol
Concen: 33.279 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.0	69.0
63	26.7	23.4	35.0





#7

Phenol-d6

Concen: 37.309 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098368.D

Acq: 8 Sep 2017 23:26

Instrument :

BNA_F

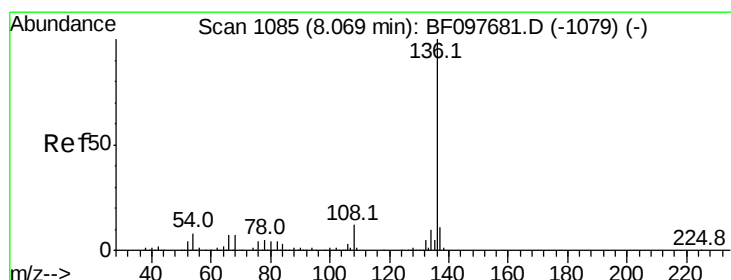
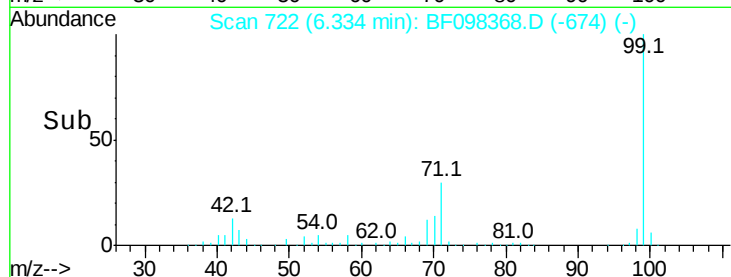
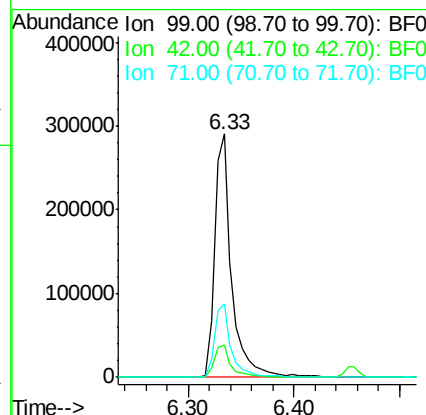
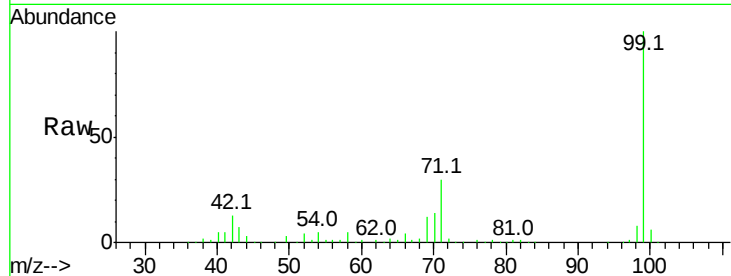
ClientSampleId :

SASP2P-TP-116A(0-5)COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		326233		
42	13.3	13.5	20.3#		
71	30.2	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

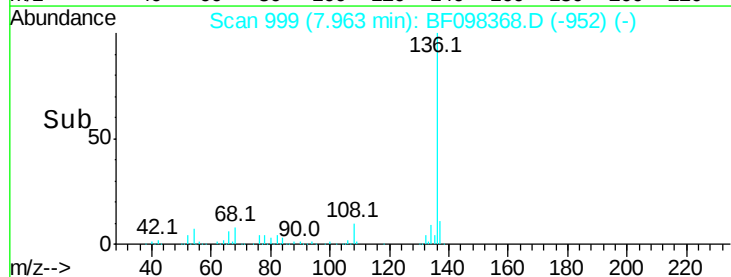
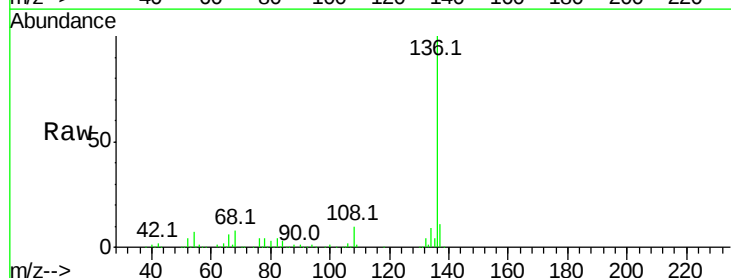
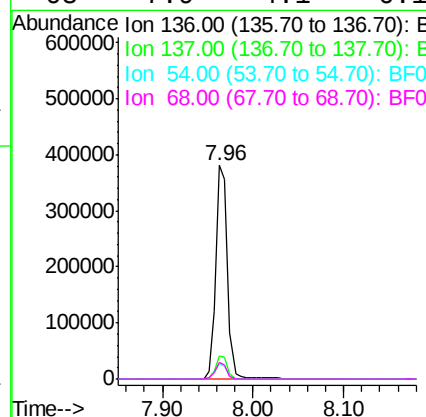
RT: 7.96 min Scan# 999

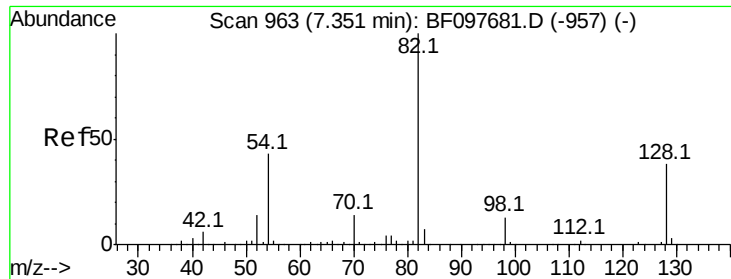
Delta R.T. -0.02 min

Lab File: BF098368.D

Acq: 8 Sep 2017 23:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		347664		
137	11.0	8.5	12.7		
54	7.4	4.9	7.3#		
68	7.9	4.1	6.1#		





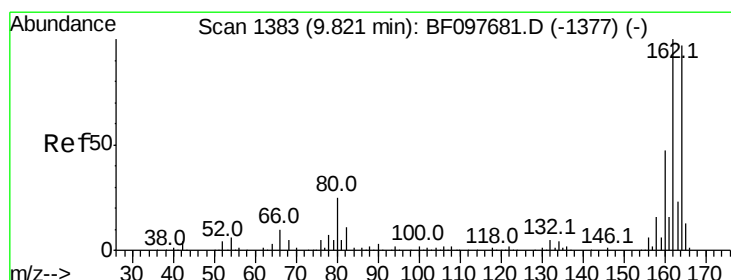
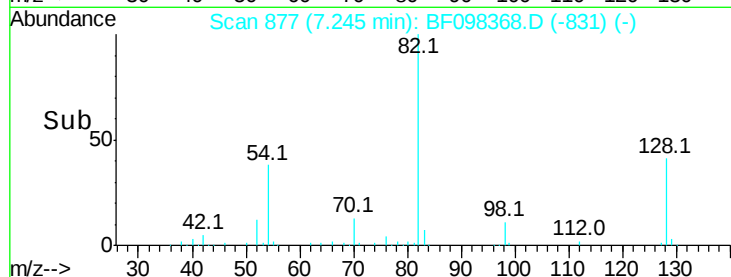
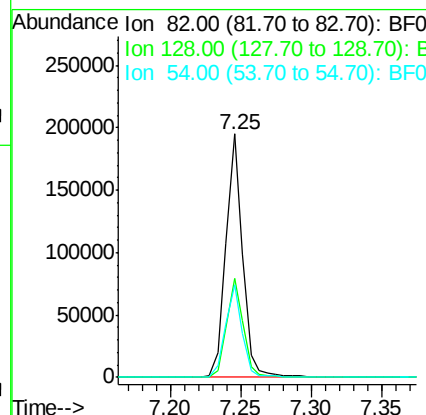
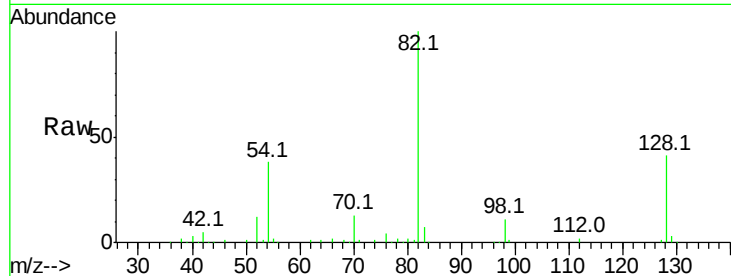
#23
Nitrobenzene-d5
Concen: 25.269 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.03 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.0	51.0
54	38.0	42.2	63.2#

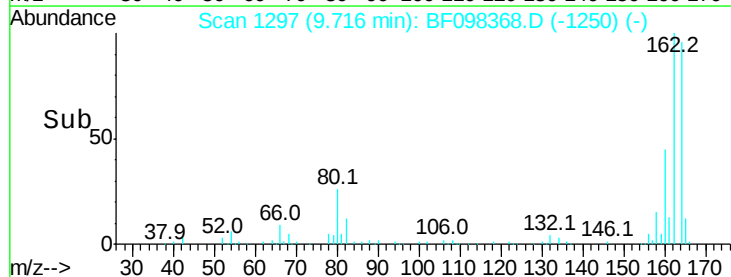
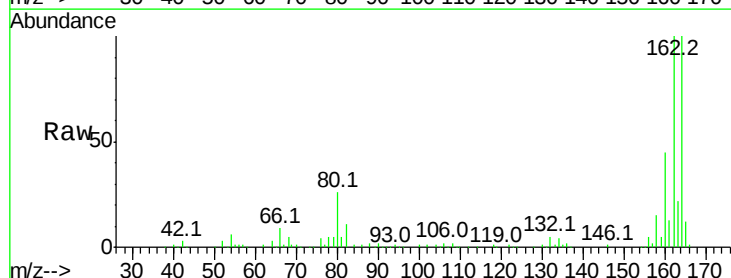
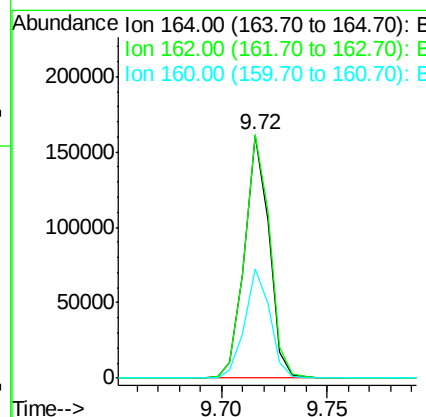
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	123.8
160	45.3	36.2	54.2





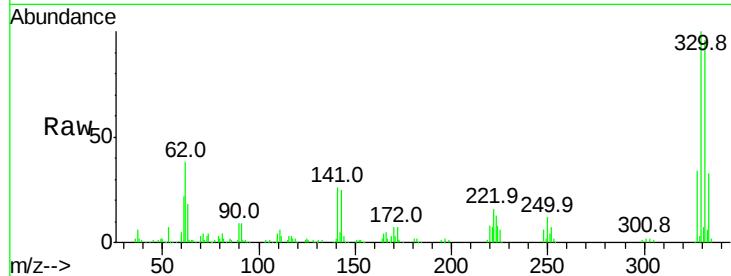
#41
 2,4,6-Tribromophenol
 Concen: 110.826 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF098368.D
 Acq: 8 Sep 2017 23:26

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-116A(0-5)COMP

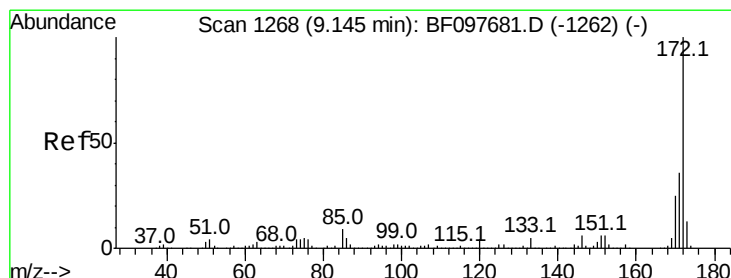
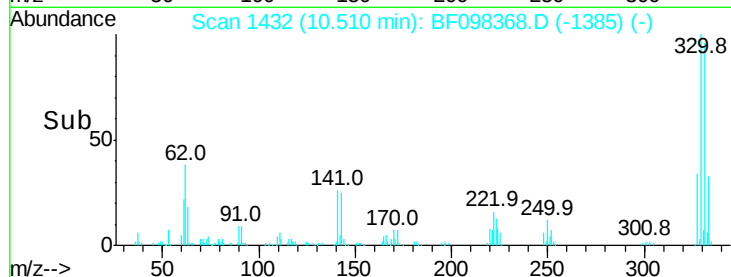
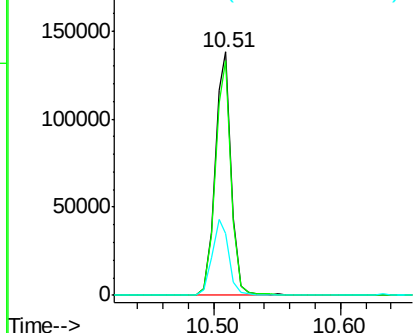
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	76.6	115.0	
141	32.8	31.4	47.2	

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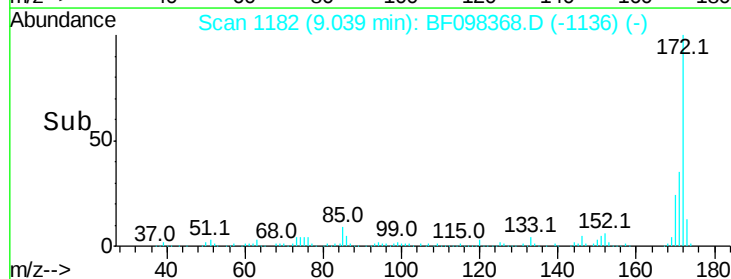
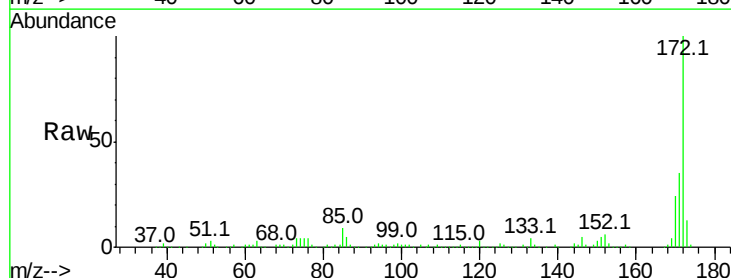
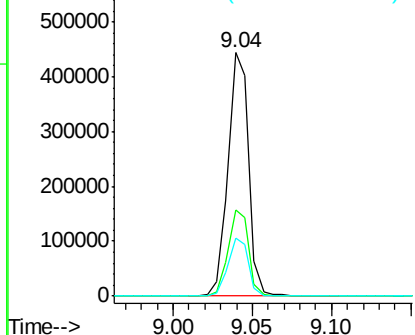
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

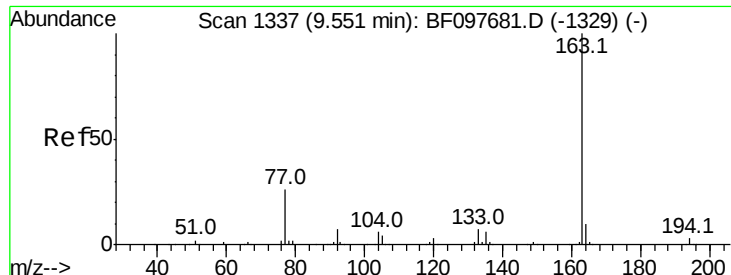


#44
 2-Fluorobiphenyl
 Concen: 45.543 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.03 min
 Lab File: BF098368.D
 Acq: 8 Sep 2017 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.6	44.4	
170	23.8	19.8	29.8	

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





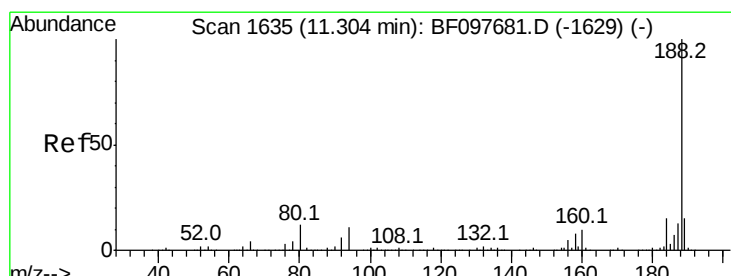
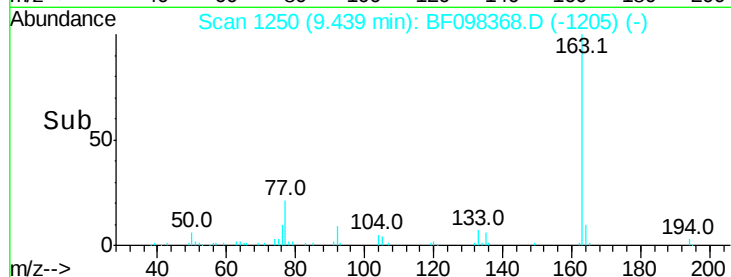
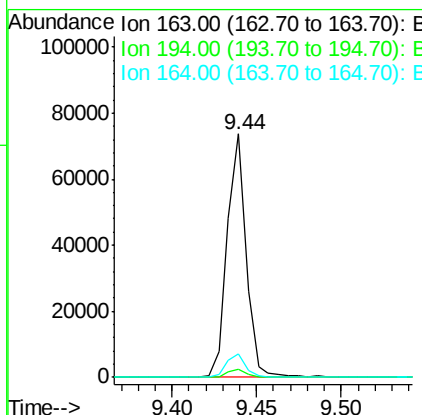
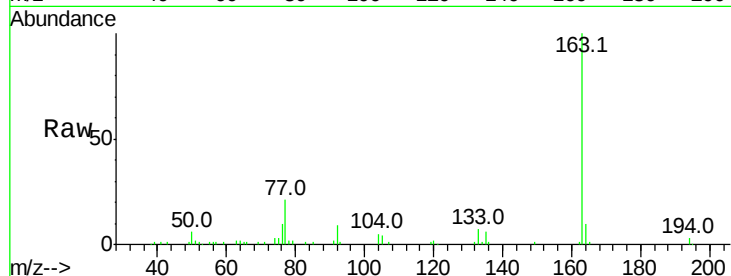
#49
Dimethylphthalate
Concen: 6.121 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMP

Tot Ion:	163	Resp:	57561
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	9.8	8.4	12.6

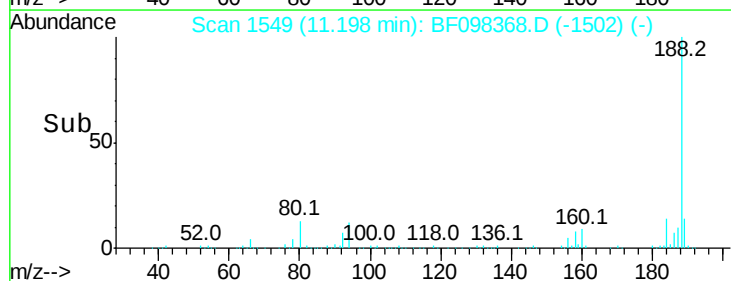
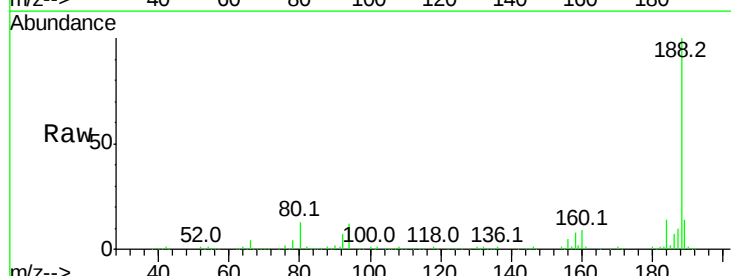
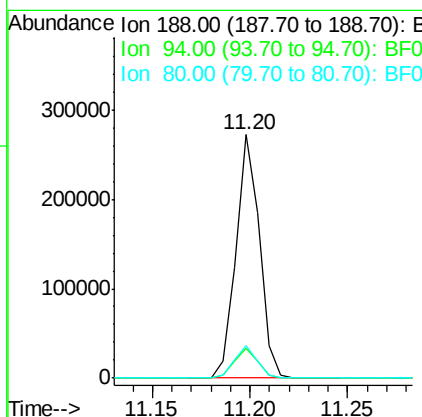
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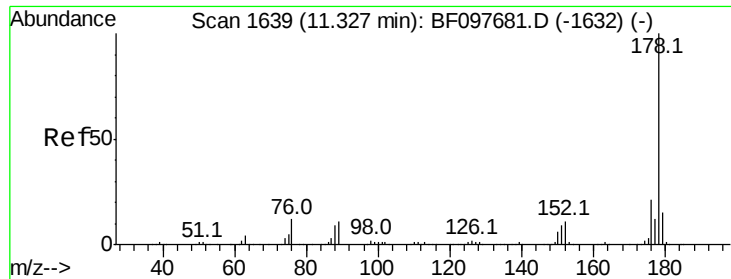
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Tgt Ion:	188	Resp:	227504
Ion Ratio	Lower	Upper	
188	100		
94	12.4	9.4	14.2
80	13.3	10.2	15.2





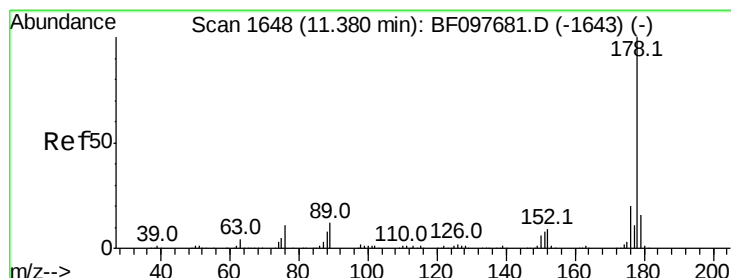
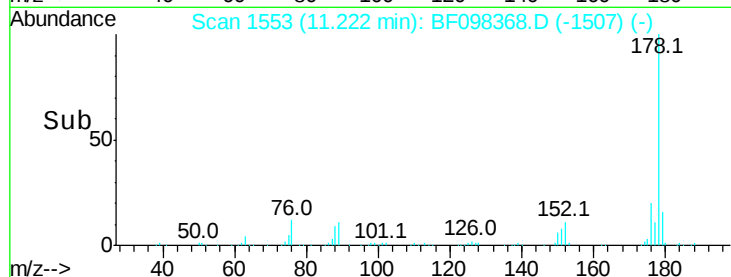
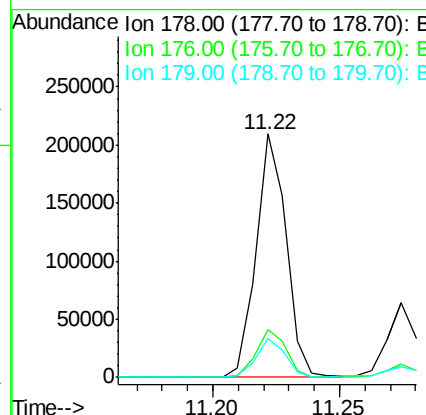
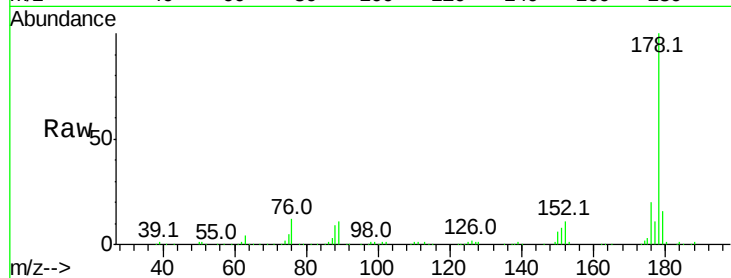
#70
Phenanthrene
Concen: 14.336 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.03 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.7	12.6	19.0

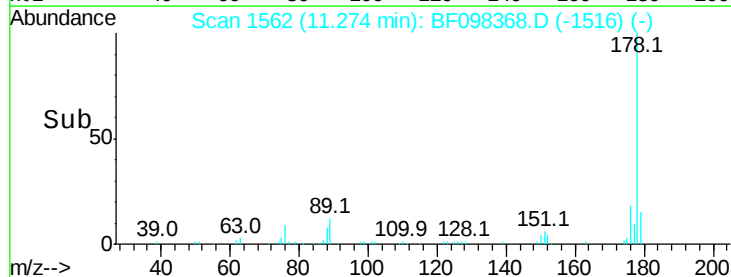
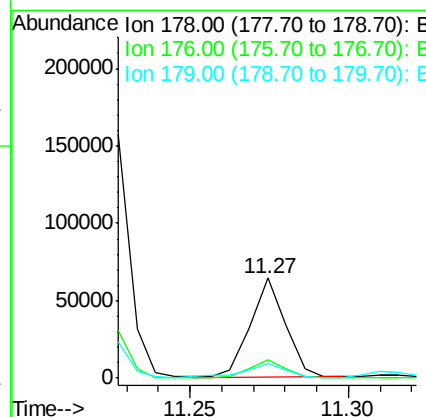
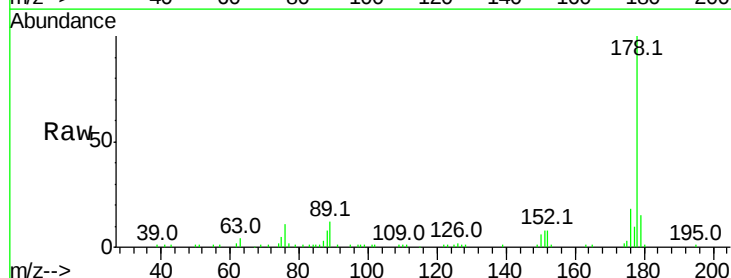
Manual Integrations
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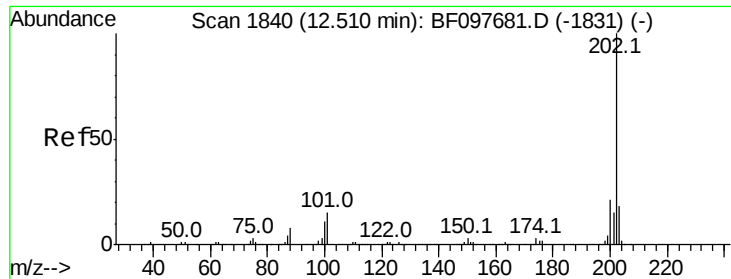
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#71
Anthracene
Concen: 4.032 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	15.0	12.7	19.1





#74

Fluoranthene

Concen: 48.972 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.02 min

Lab File: BF098368.D

Acq: 8 Sep 2017 23:26

Instrument :

BNA_F

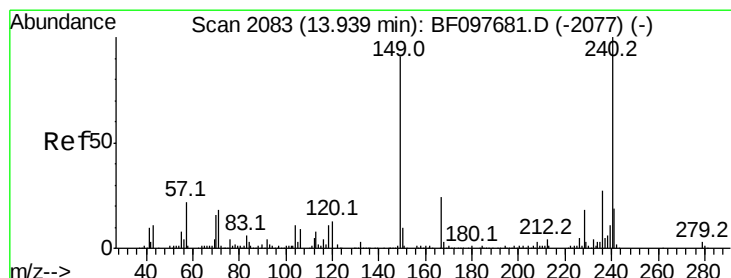
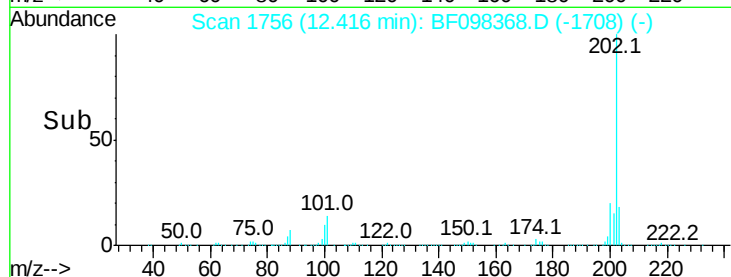
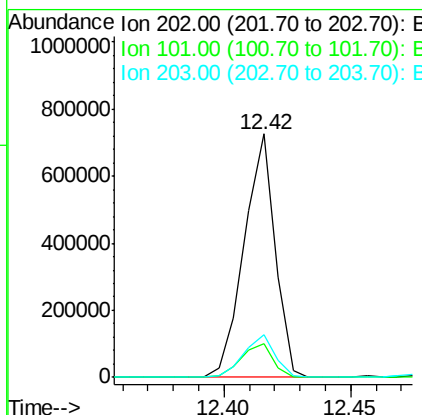
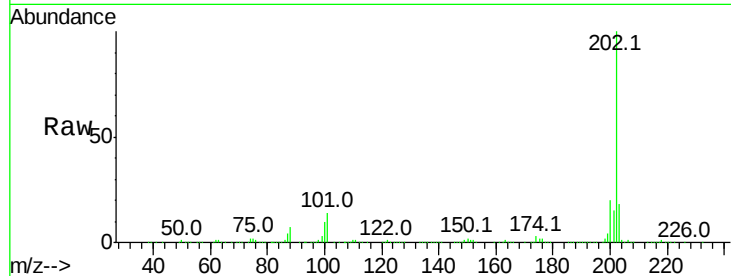
ClientSampleId :

SASP2P-TP-116A(0-5)COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	619671		
101	13.8	0.0	33.2	
203	17.6	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

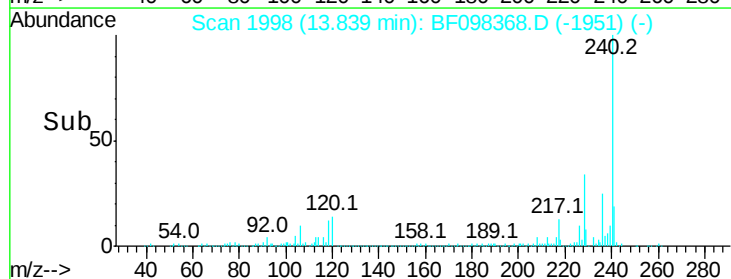
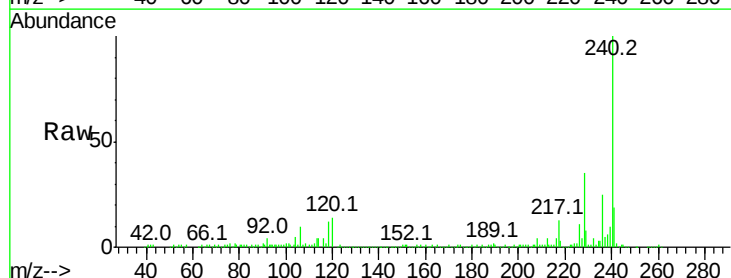
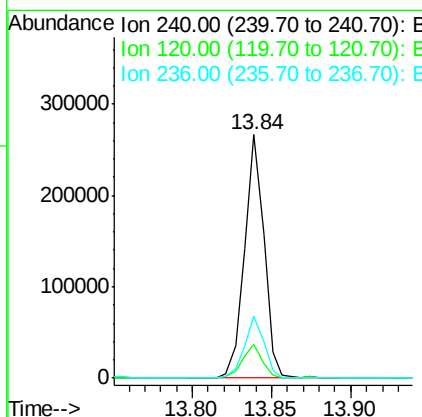
RT: 13.84 min Scan# 1998

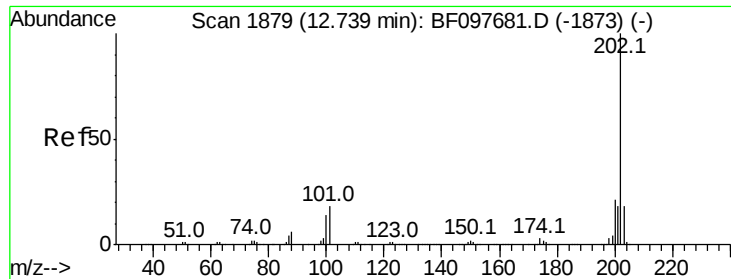
Delta R.T. -0.02 min

Lab File: BF098368.D

Acq: 8 Sep 2017 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	228321		
120	13.7	5.8	8.8#	
236	25.3	20.5	30.7	





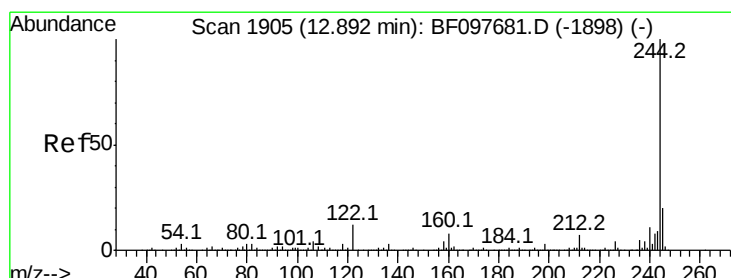
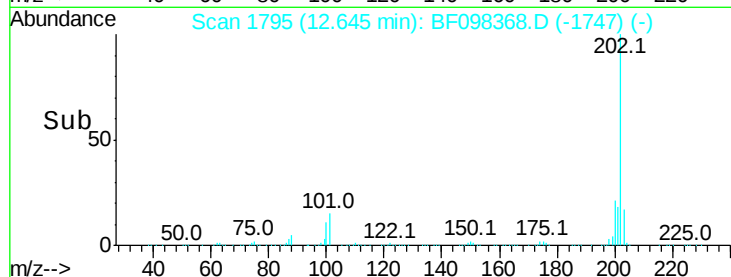
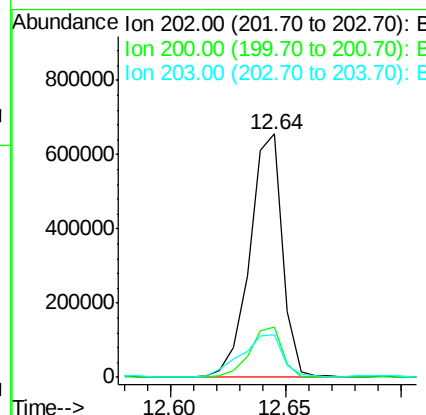
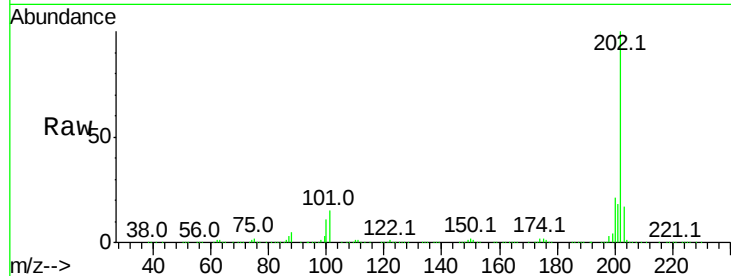
#77
Pvrene
Concen: 34.752 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.5	14.4	21.6

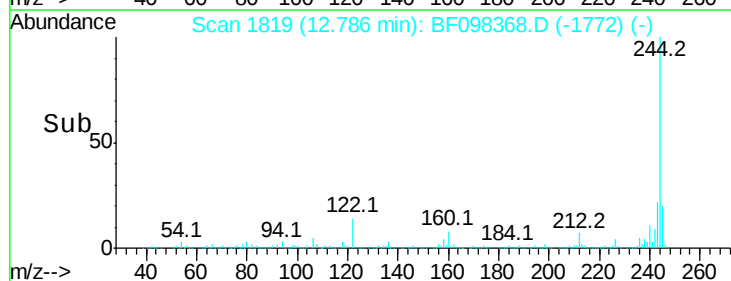
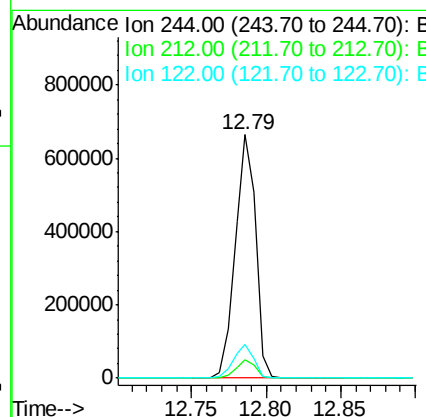
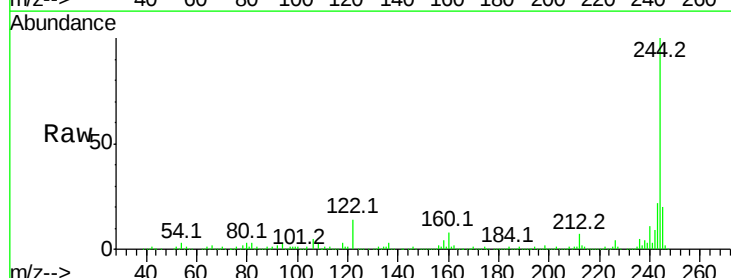
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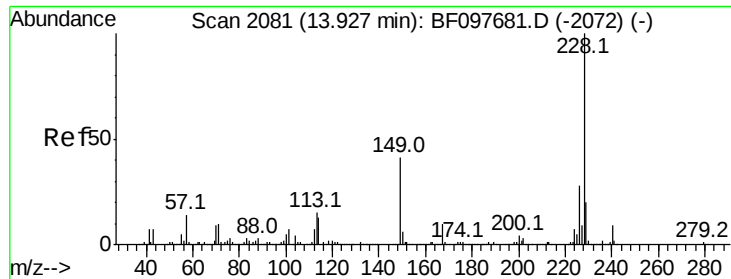
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#78
Terphenyl-d14
Concen: 58.715 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.7	10.3	15.5





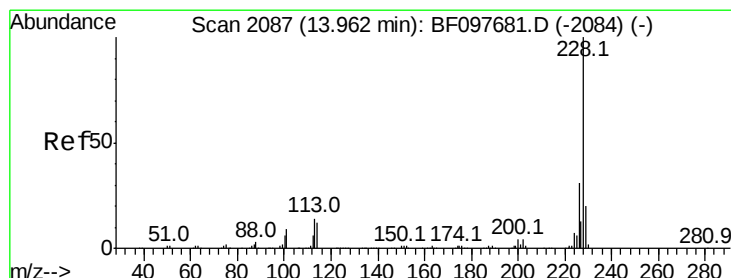
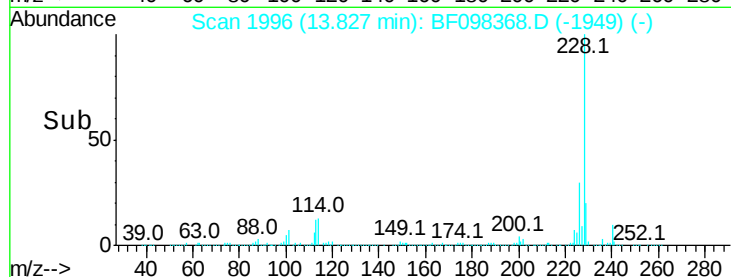
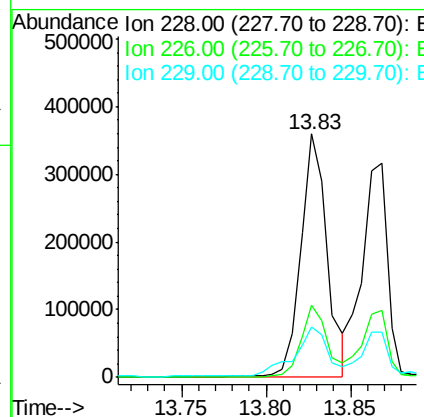
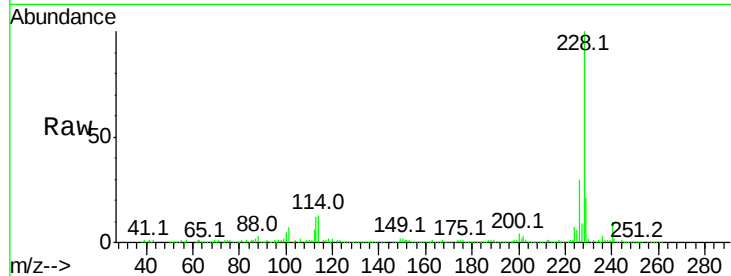
#80
Benzo(a)anthracene
Concen: 28.521 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMP

Tot Ion	Ratio	Resp	Lower	Upper
228	100	390294		
226	29.7	22.6	33.8	
229	20.5	16.3	24.5	

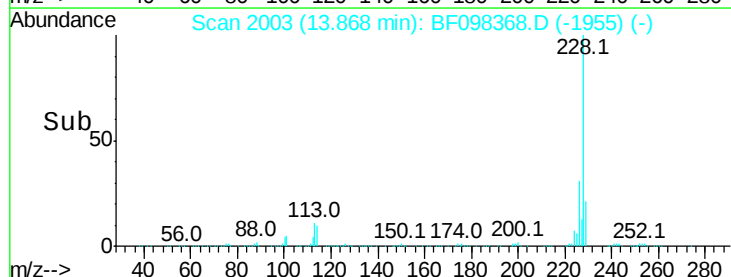
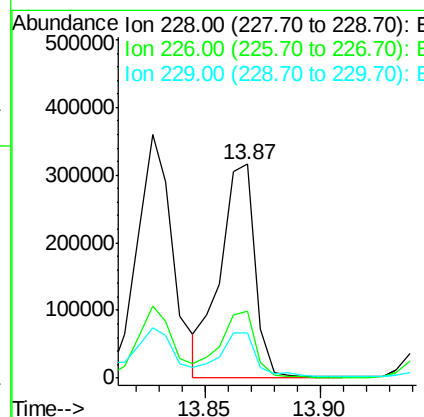
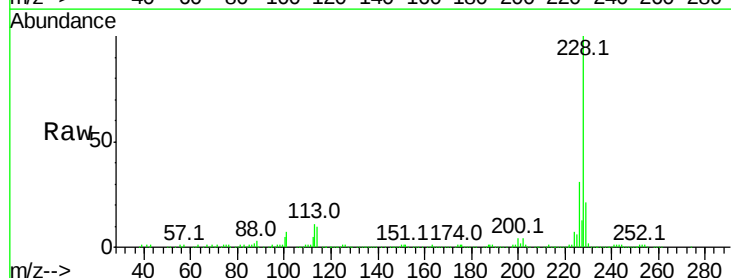
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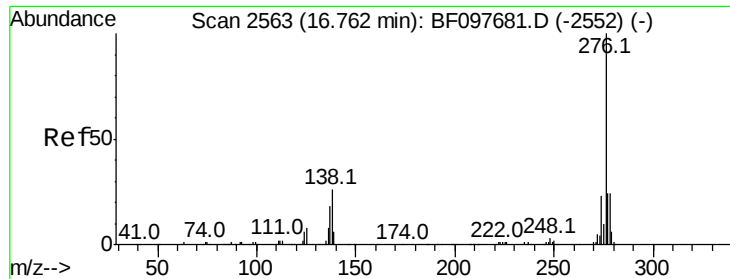
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#82
Chrysene
Concen: 24.322 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	331082		
226	31.4	24.9	37.3	
229	21.4	15.8	23.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 13.476 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.04 min

Lab File: BF098368.D

Acq: 8 Sep 2017 23:26

Instrument :

BNA_F

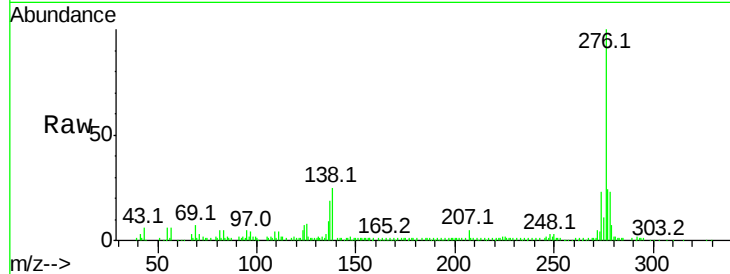
ClientSampleId :

SASP2P-TP-116A(0-5)COMP

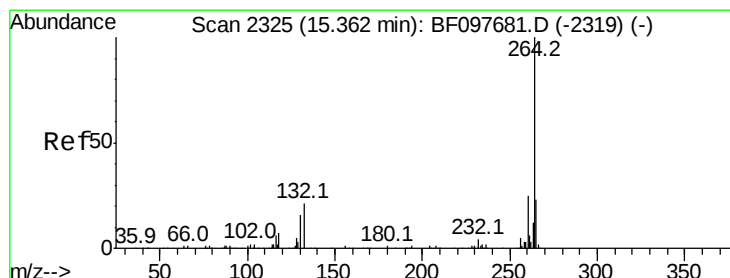
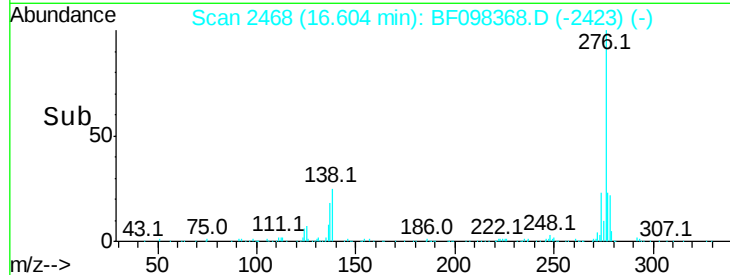
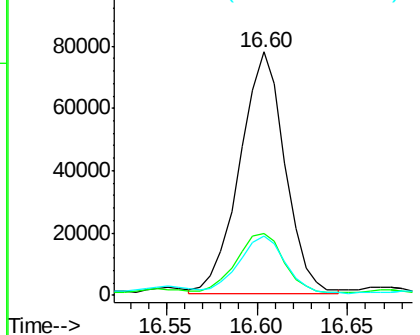
Tot Ion:	276	Resp:	134946
Ion Ratio	Lower	Upper	
276	100		
138	25.6	27.8	41.6#
277	24.7	20.2	30.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

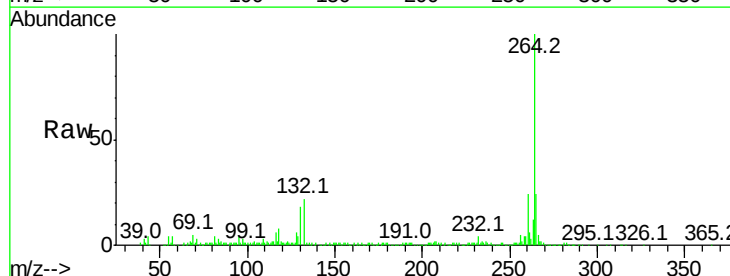
RT: 15.24 min Scan# 2237

Delta R.T. -0.02 min

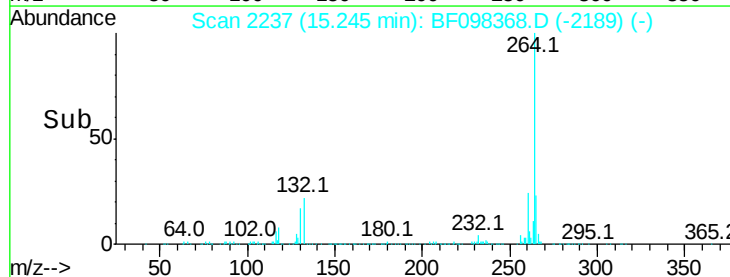
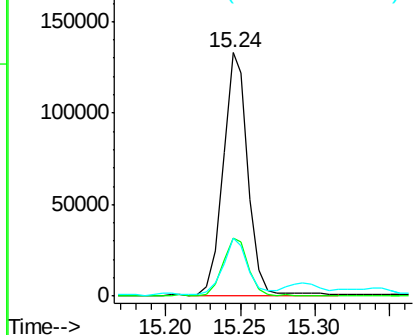
Lab File: BF098368.D

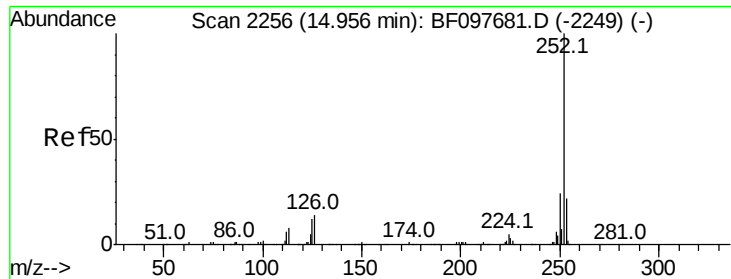
Acq: 8 Sep 2017 23:26

Tgt Ion:	264	Resp:	154841
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.5	29.3
265	23.6	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 38.023 ng m

RT: 14.85 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BF098368.D

Acq: 8 Sep 2017 23:26

Instrument :

BNA_F

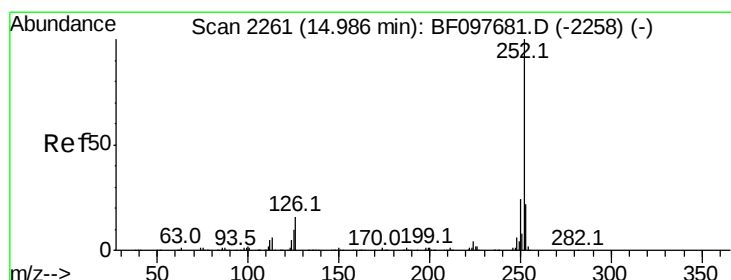
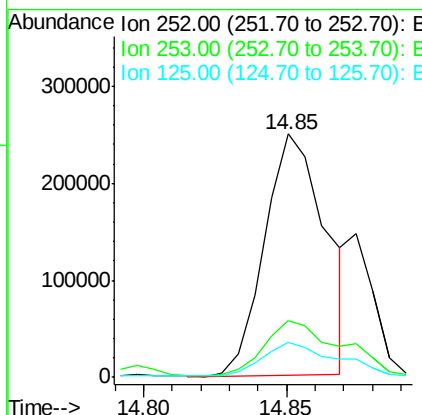
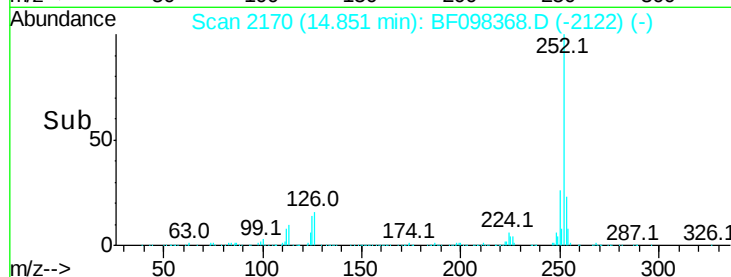
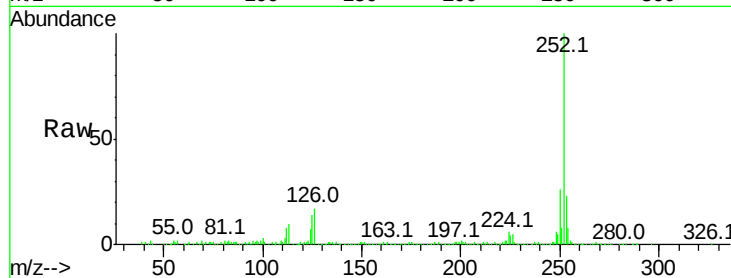
ClientSampleId :

SASP2P-TP-116A(0-5)COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	14.2	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 9.952 ng m

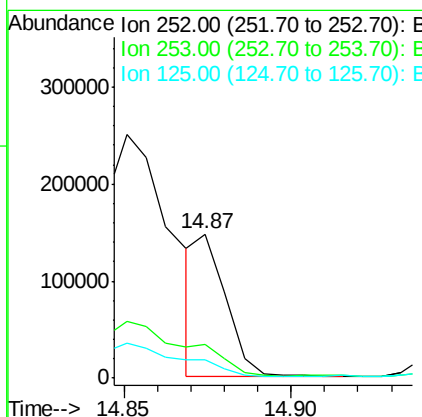
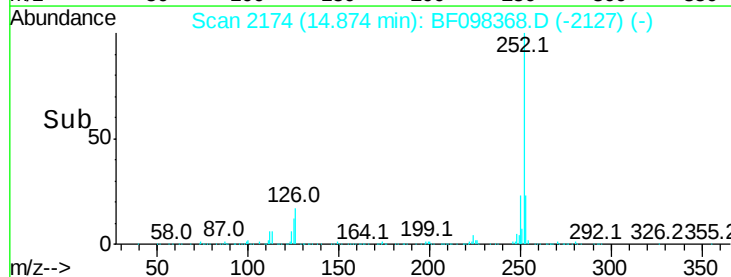
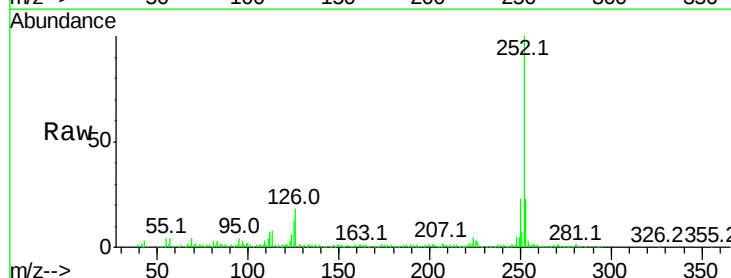
RT: 14.87 min Scan# 2174

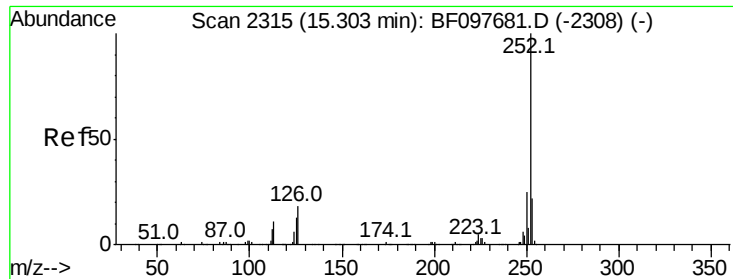
Delta R.T. -0.02 min

Lab File: BF098368.D

Acq: 8 Sep 2017 23:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	13.1	13.1	19.7#





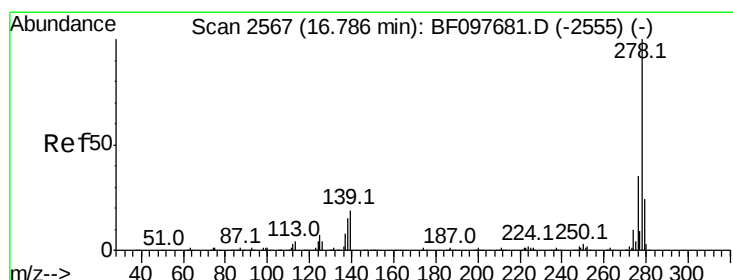
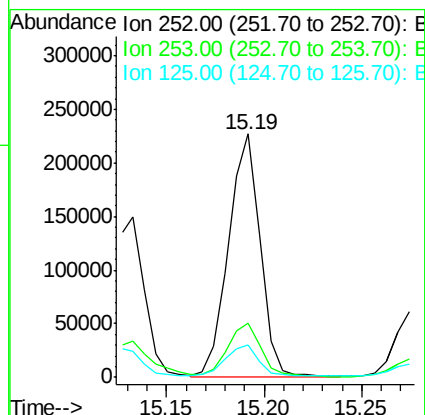
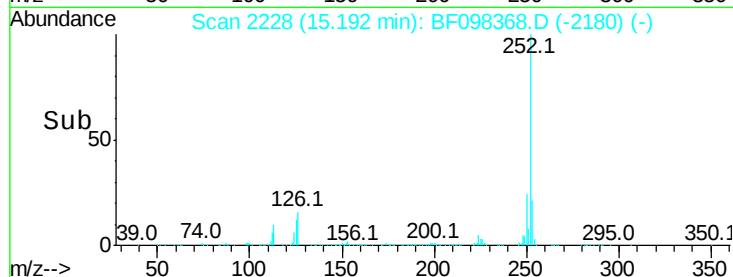
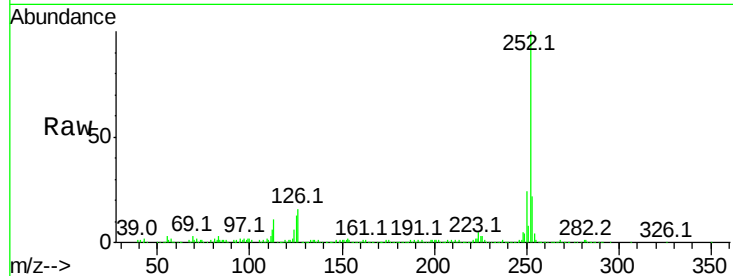
#89
Benzo(a)pyrene
Concen: 29.373 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-116A(0-5)COMP

Tot Ion:	252	Resp:	253795
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	13.2	11.0	16.4

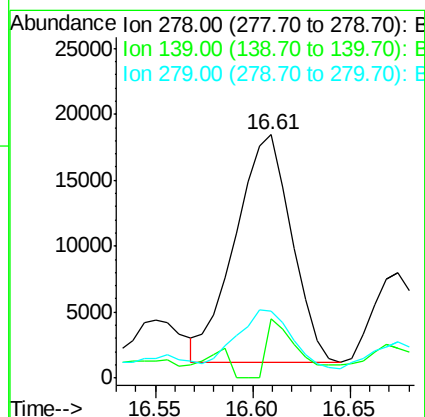
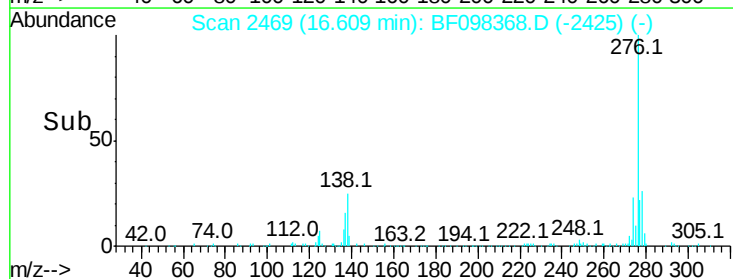
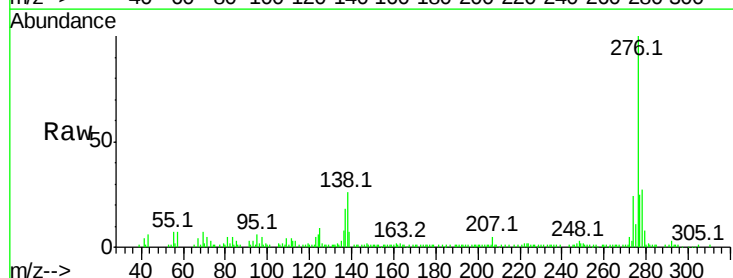
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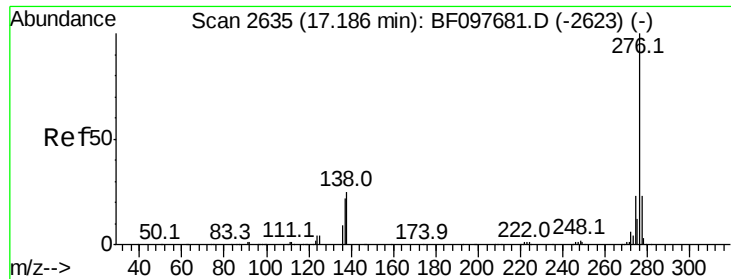
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#90
Dibenzo(a,h)anthracene
Concen: 4.903 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.04 min
Lab File: BF098368.D
Acq: 8 Sep 2017 23:26

Tgt Ion:	278	Resp:	34490
Ion Ratio	Lower	Upper	
278	100		
139	24.2	16.6	24.8
279	27.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 17.815 ng
 RT: 17.02 min Scan# 2538
 Delta R.T. -0.04 min
 Lab File: BF098368.D
 Acq: 8 Sep 2017 23:26

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-116A(0-5)COMP

Tot Ion:	276	Resp:	130760
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.6	28.0
138	24.7	25.4	38.0

Manual Integrations
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