

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108399.D
 Acq On : 22 Aug 2018 22:33
 Operator : JU/SJ
 Sample : J4573-11 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T27-COMP

Manual Integrations
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Quant Time: Aug 23 12:31:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	154256	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	583325	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	268839	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	439454	20.00	ng	0.00
75) Chrysene-d12	14.19	240	302337	20.00	ng	0.00
86) Perylene-d12	15.75	264	260687	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	129572	15.21	ng	-0.01
7) Phenol-d6	6.61	99	176921	15.63	ng	-0.02
23) Nitrobenzene-d5	7.56	82	107201	10.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	28585	10.66	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	186831	11.16	ng	-0.01
78) Terphenyl-d14	13.12	244	133694	11.24	ng	0.00
Target Compounds						
74) Fluoranthene	12.76	202	45796	2.024	ng	94
77) Pyrene	12.99	202	85865	4.486	ng	97
85) Indeno(1,2,3-cd)pyrene	17.35	276	33501	2.431	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	55445m	3.559	ng	
89) Benzo(a)pyrene	15.68	252	65554m	4.700	ng	
91) Benzo(g,h,i)perylene	17.85	276	48442	4.263	ng	# 91

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

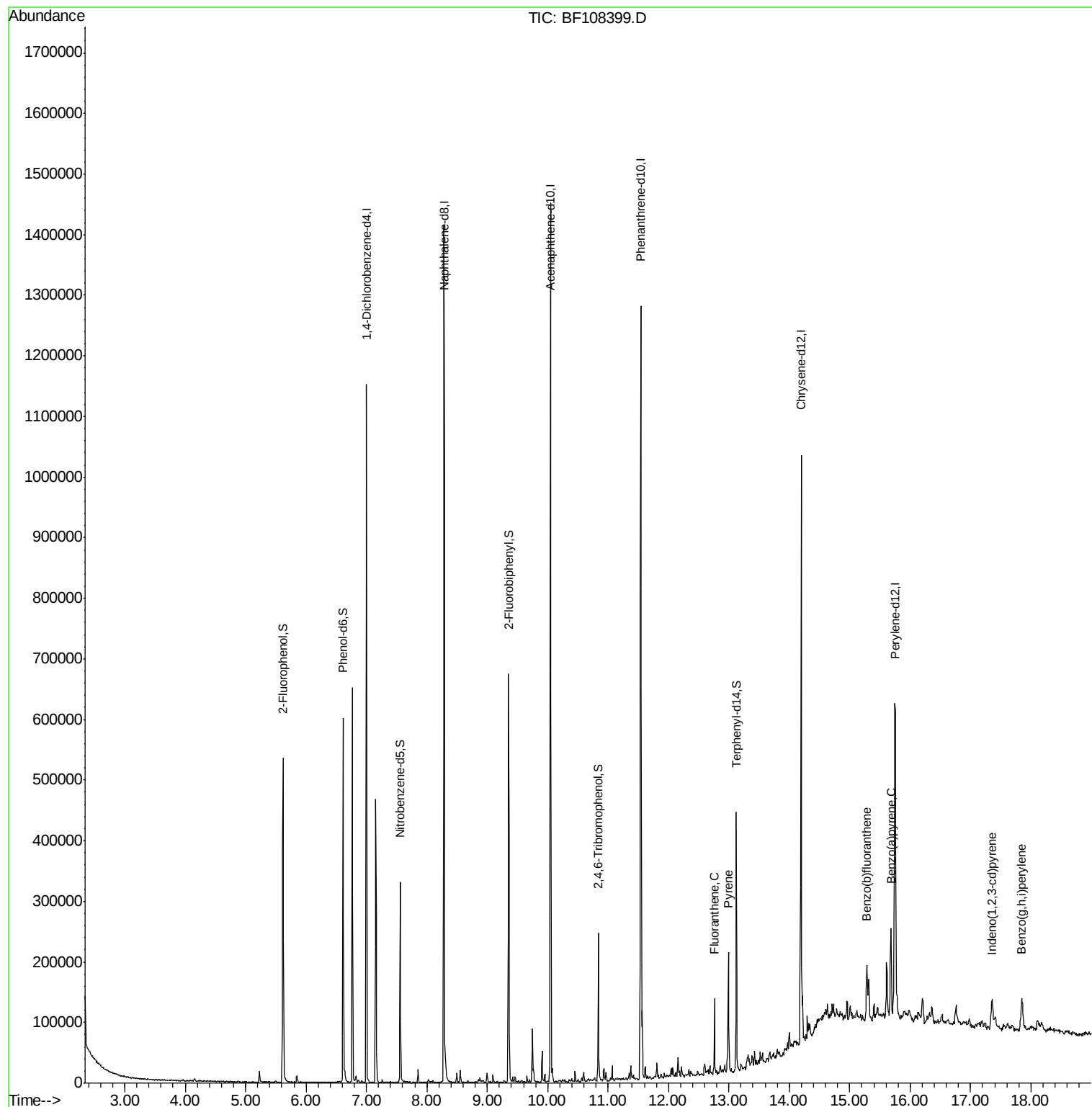
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108399.D
Acq On : 22 Aug 2018 22:33
Operator : JU/SJ
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#1

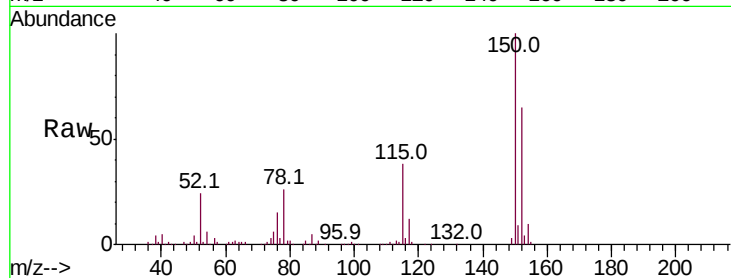
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :
T27-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	59.5	50.1	75.1

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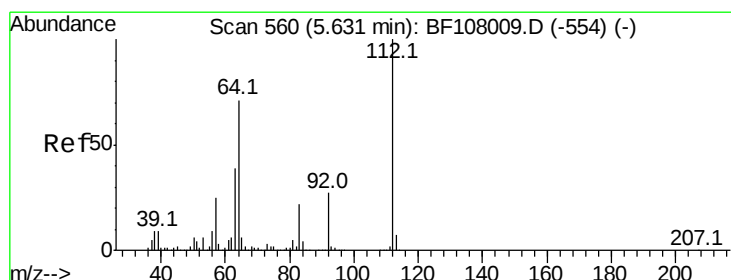
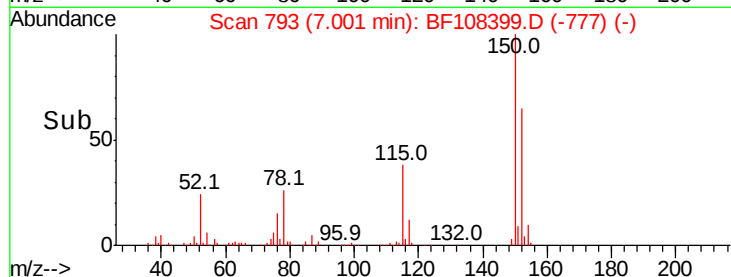
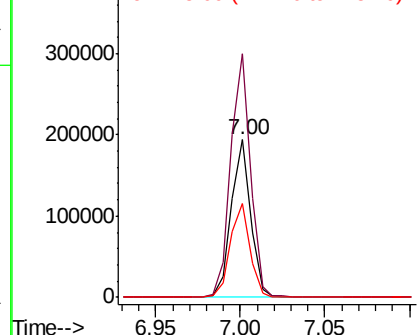


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

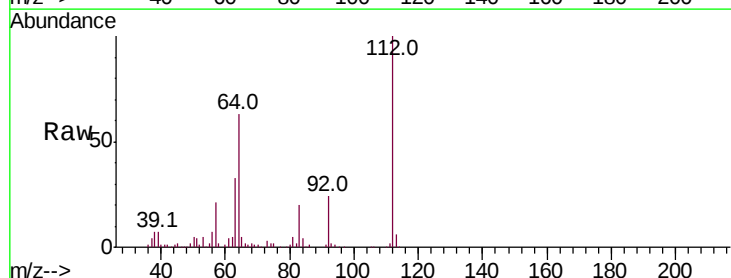
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 15.207 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.9	71.9
63	33.4	23.7	35.5

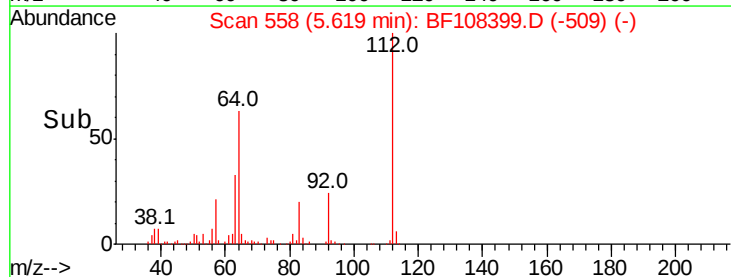
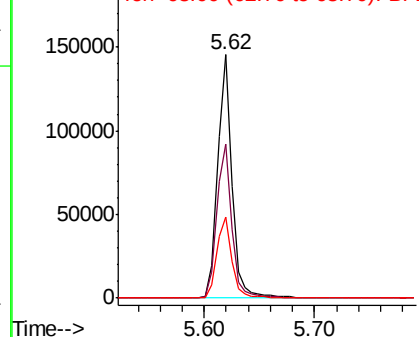


Abundance

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: 15.626 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108399.D

Acq: 22 Aug 2018 22:33

Instrument :

BNA_F

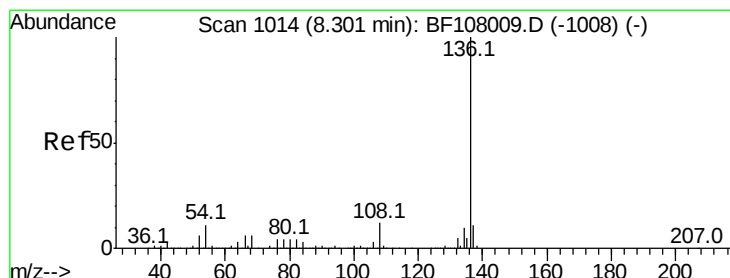
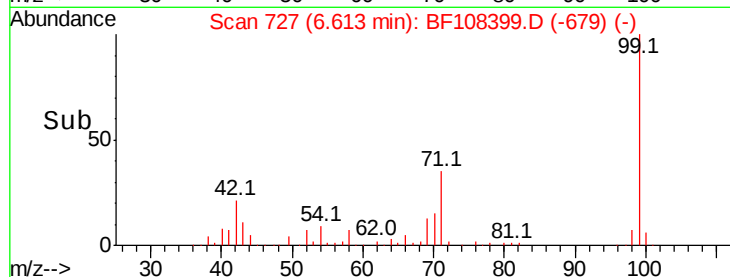
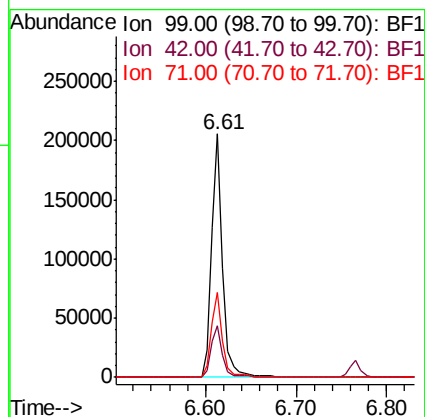
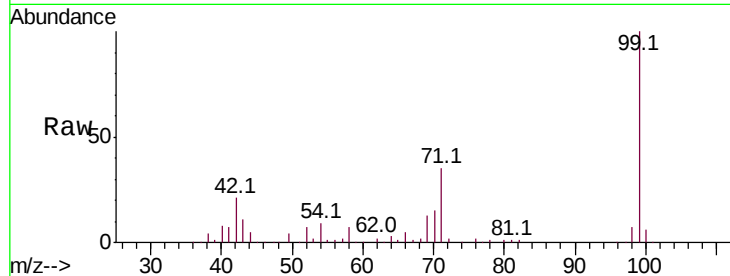
ClientSampled :

T27-COMP

Tot Ion:	99	Resp:	176921
Ion Ratio	Lower	Upper	
99	100		
42	21.3	14.5	21.7
71	34.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

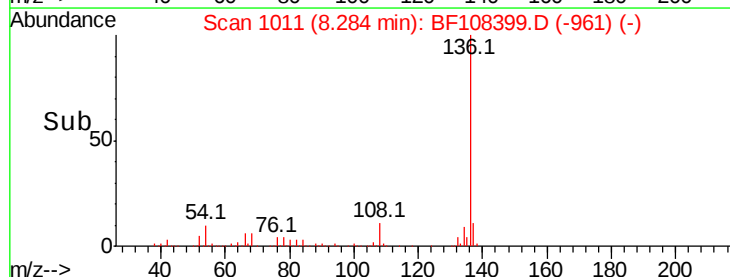
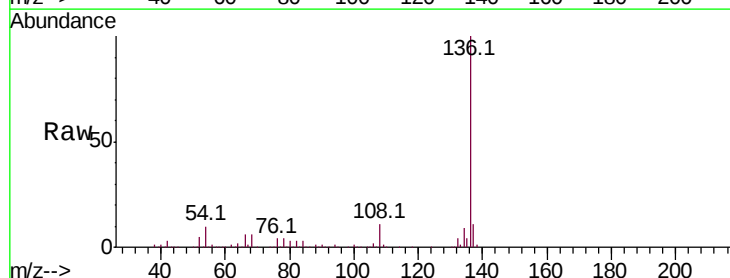
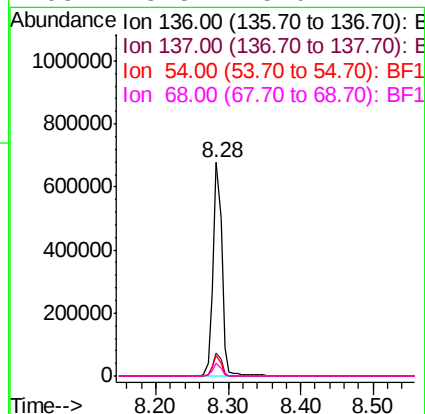
RT: 8.28 min Scan# 1011

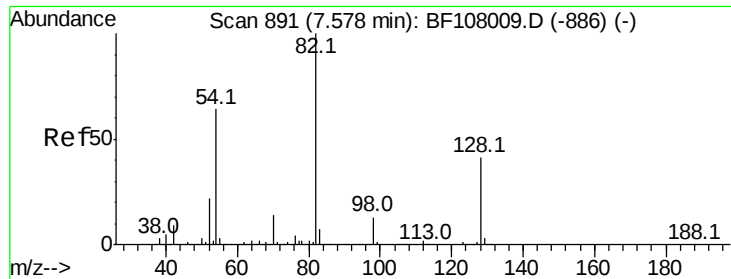
Delta R.T. -0.01 min

Lab File: BF108399.D

Acq: 22 Aug 2018 22:33

Tgt Ion:	136	Resp:	583325
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	9.8	6.6	9.8
68	5.8	5.0	7.4





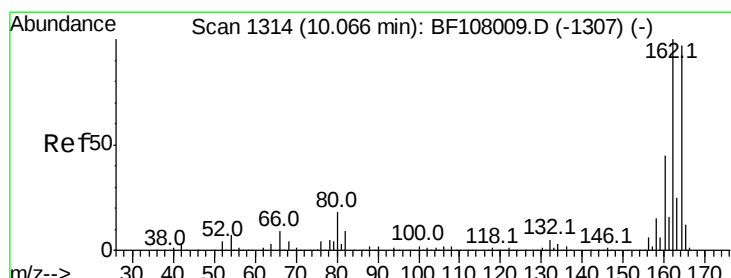
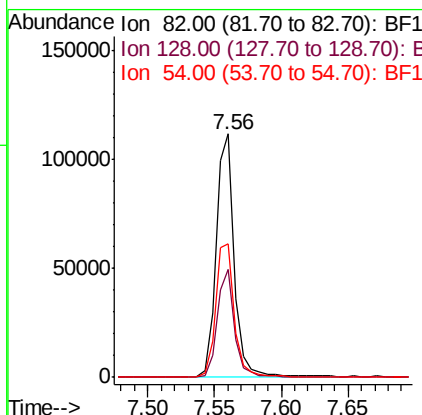
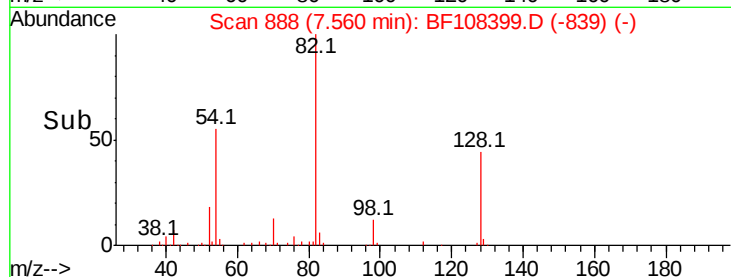
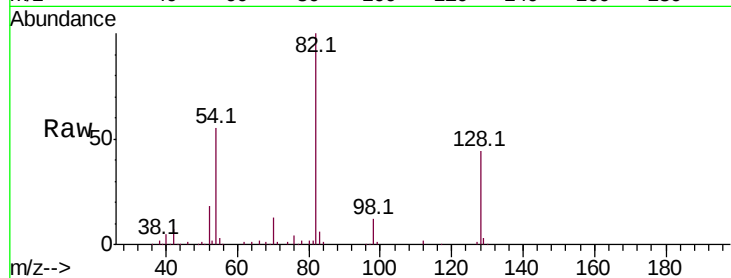
#23
 Nitrobenzene-d5
 Concen: 10.255 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108399.D
 Acq: 22 Aug 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 T27-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	55.1	41.4	62.2

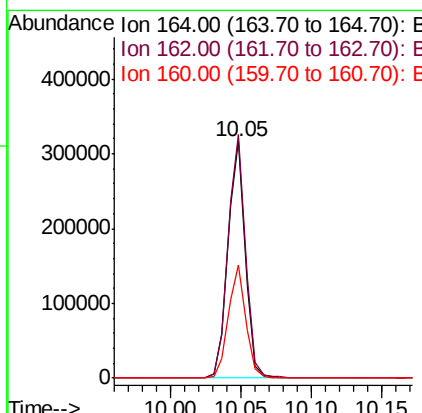
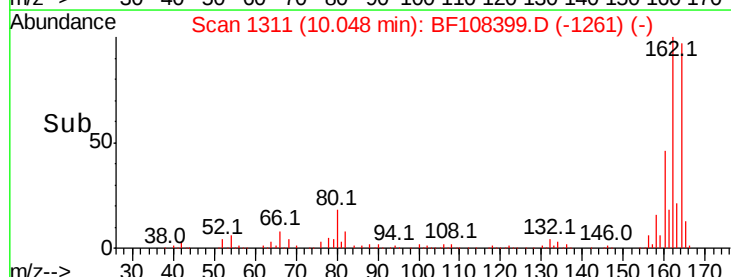
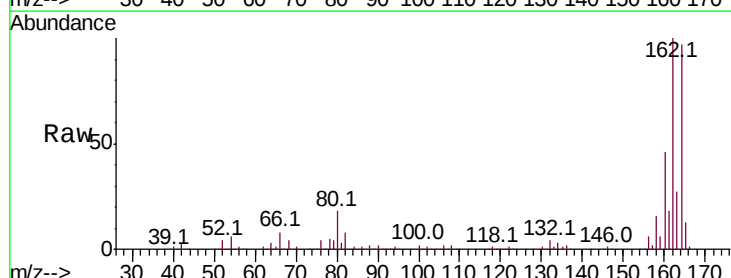
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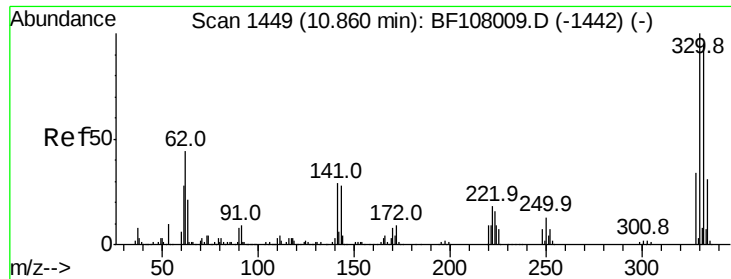
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108399.D
 Acq: 22 Aug 2018 22:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	47.6	38.3	57.5





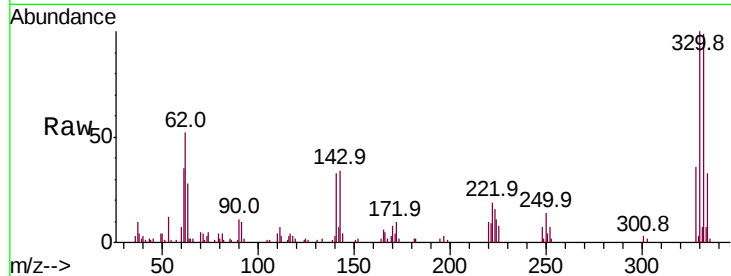
#41
 2,4,6-Tribromophenol
 Concen: 10.660 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108399.D
 Acq: 22 Aug 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 T27-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	28585		
332	97.4	77.0	115.6	
141	32.7	29.9	44.9	

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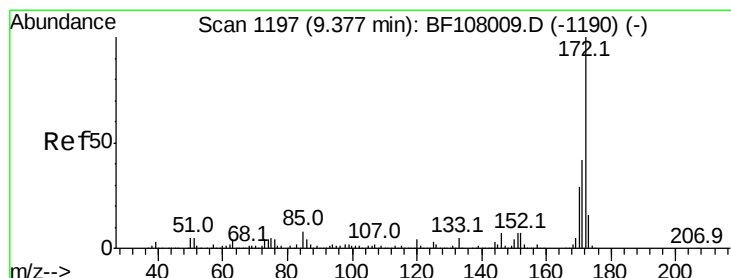
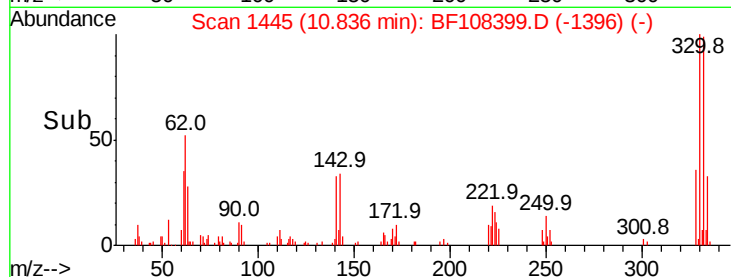
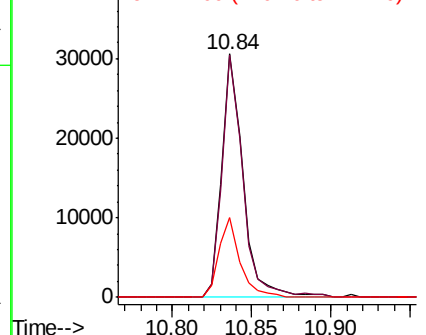


Abundance

Ion 329.80 (329.50 to 330.50): E

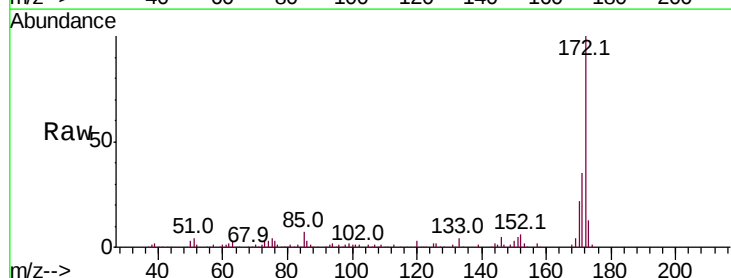
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 11.157 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108399.D
 Acq: 22 Aug 2018 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	186831		
171	35.3	29.7	44.5	
170	22.2	19.6	29.4	

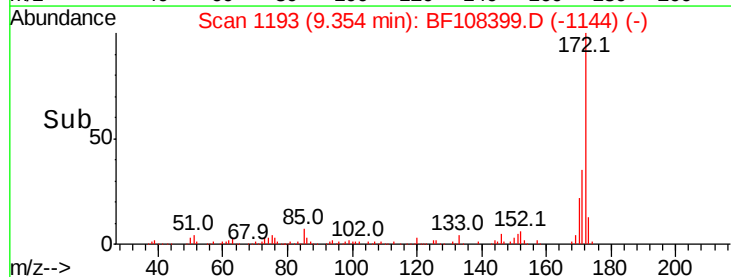
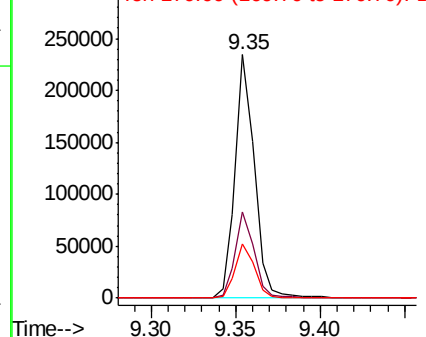


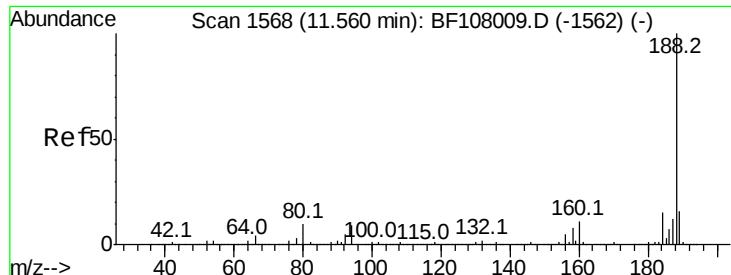
Abundance

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





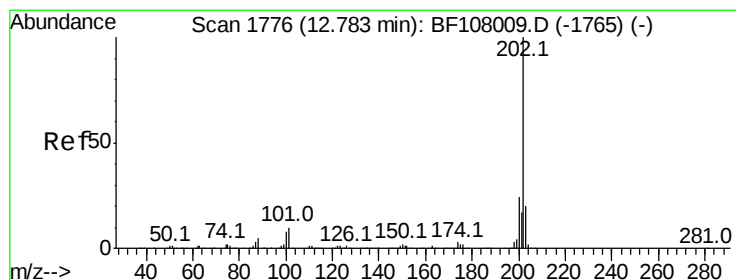
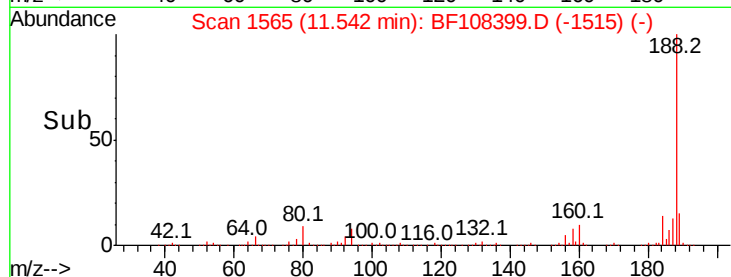
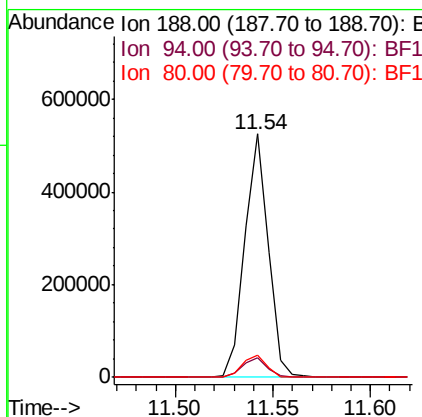
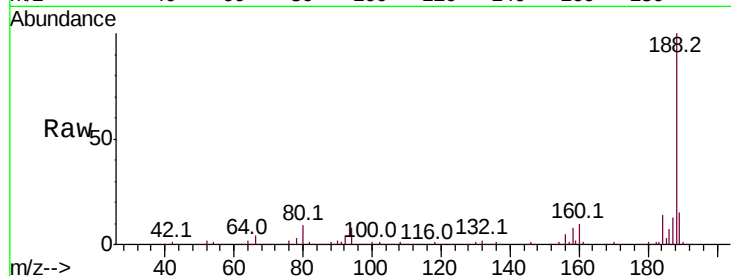
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :
T27-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	9.2	9.2	13.8

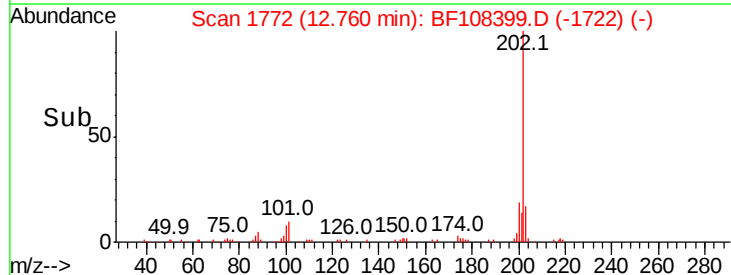
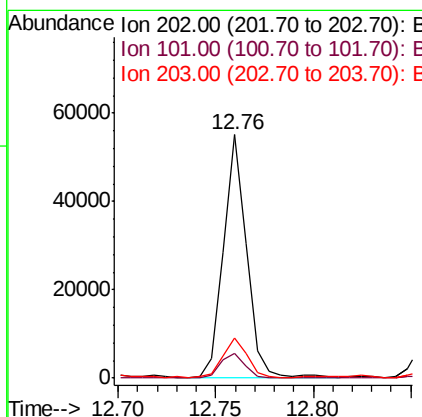
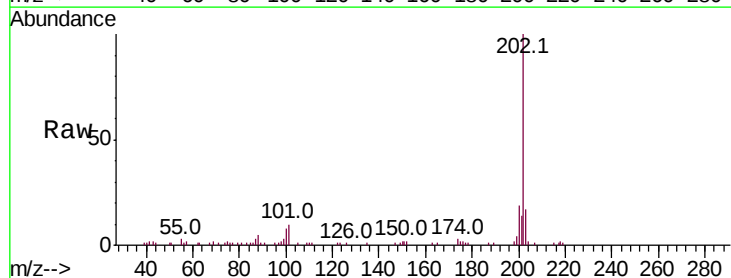
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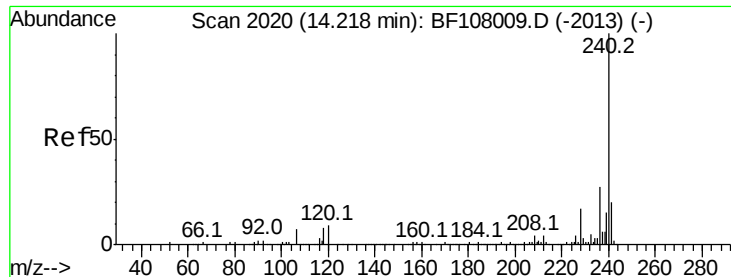
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#74
Fluoranthene
Concen: 2.024 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	34.1
203	16.7	0.0	38.1





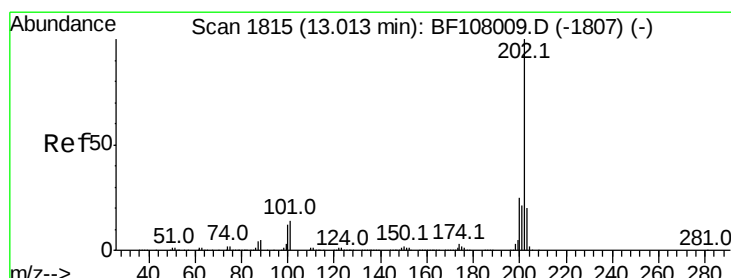
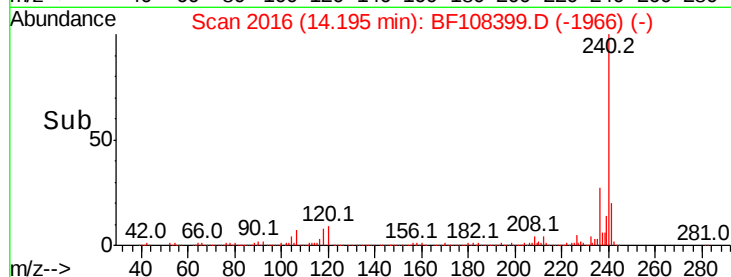
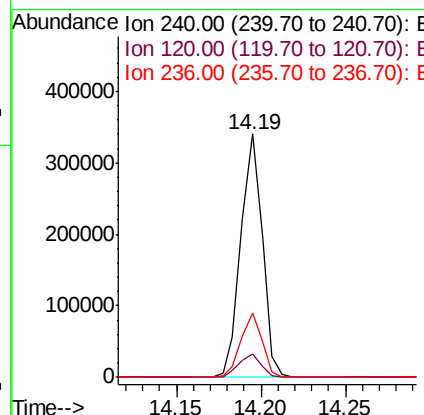
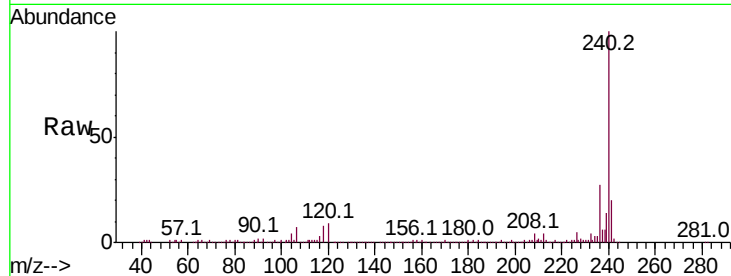
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108399.D
 Acq: 22 Aug 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 T27-COMP

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	26.7	20.7	31.1

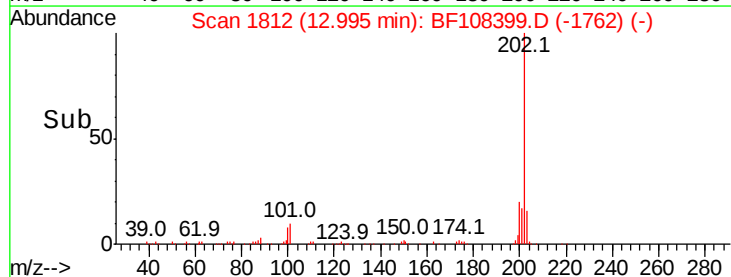
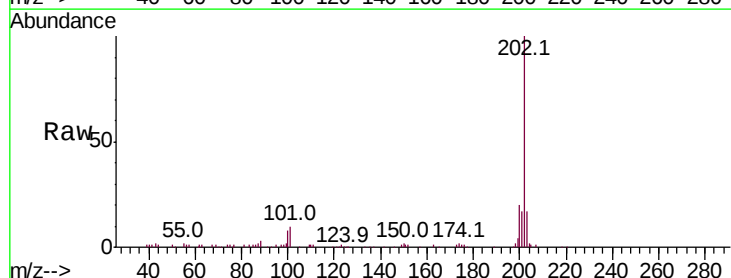
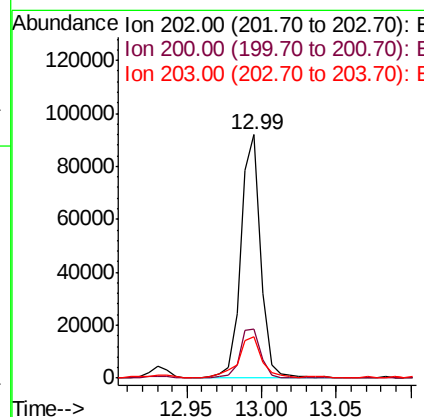
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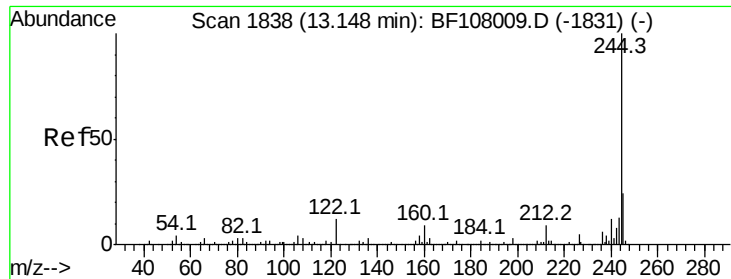
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#77
 Pyrene
 Concen: 4.486 ng
 RT: 12.99 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF108399.D
 Acq: 22 Aug 2018 22:33

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.0	14.3	21.5





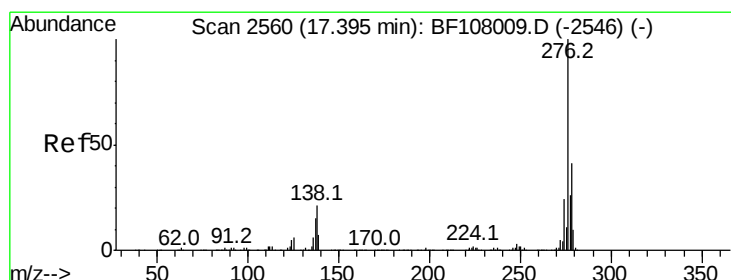
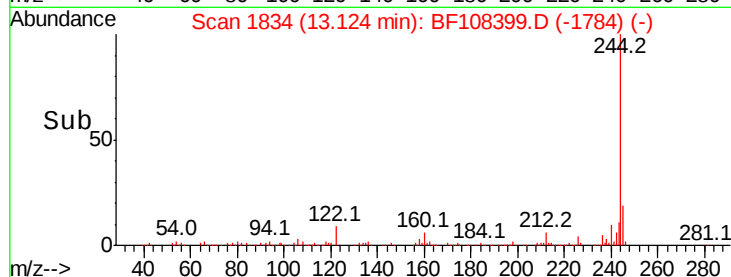
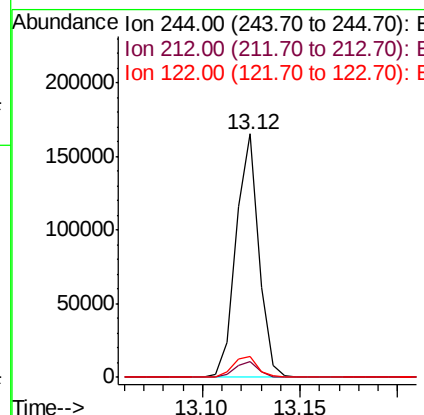
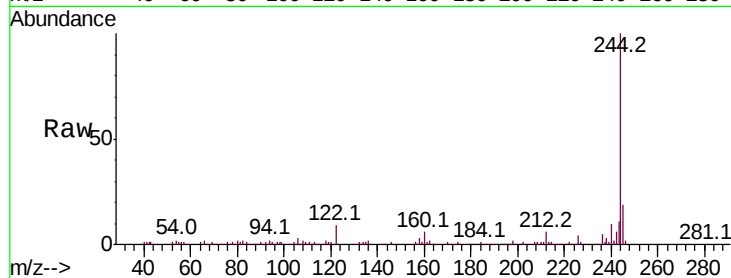
#78
 Terphenyl-d14
 Concen: 11.243 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108399.D
 Acq: 22 Aug 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 T27-COMP

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.3	5.4	8.0	
122	8.8	11.0	16.4	

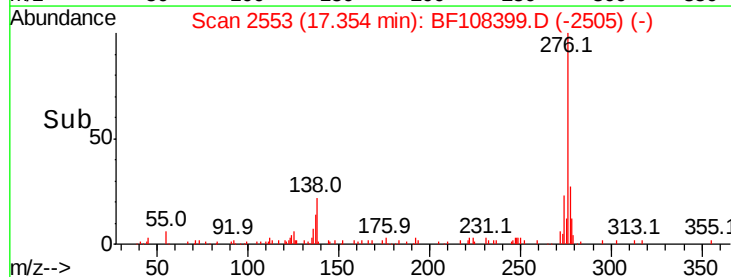
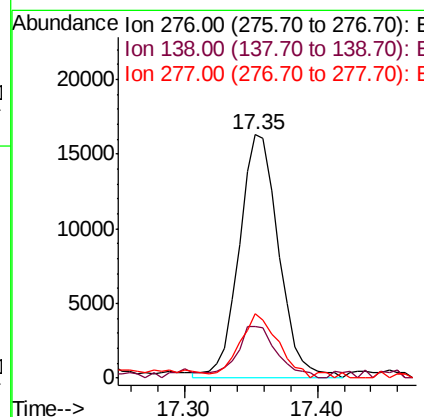
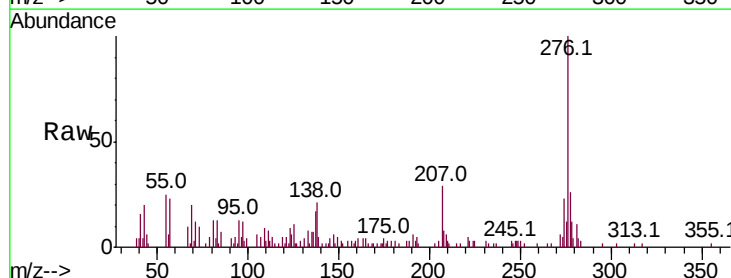
Manual Integrations
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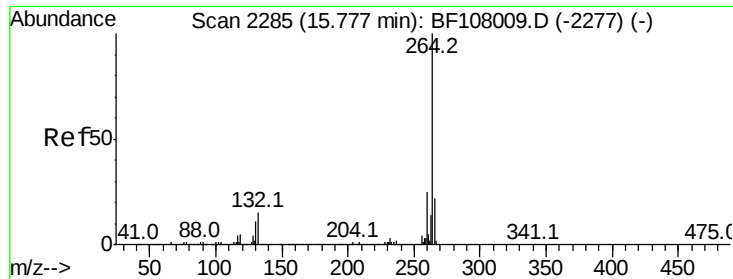
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.431 ng
 RT: 17.35 min Scan# 2553
 Delta R.T. -0.02 min
 Lab File: BF108399.D
 Acq: 22 Aug 2018 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	22.1	25.0	37.6	
277	25.6	20.1	30.1	





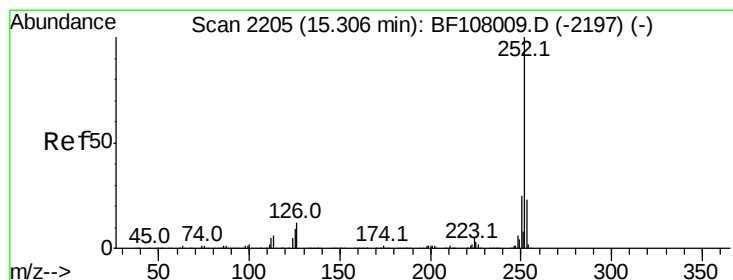
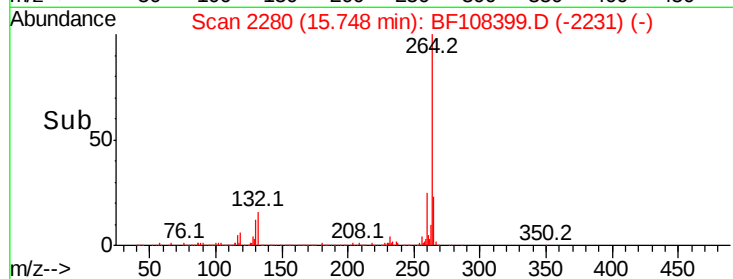
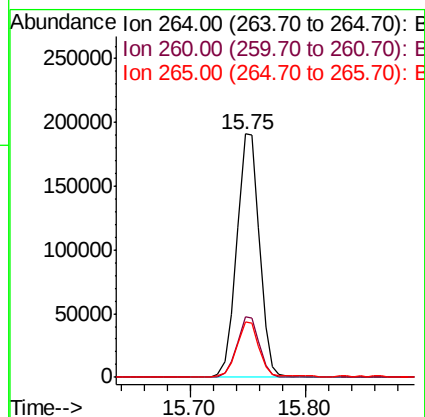
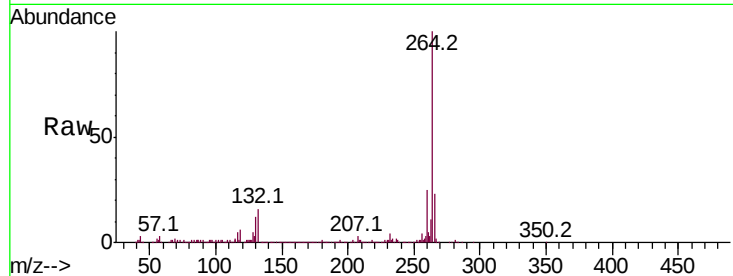
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :
T27-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.8	17.5	26.3

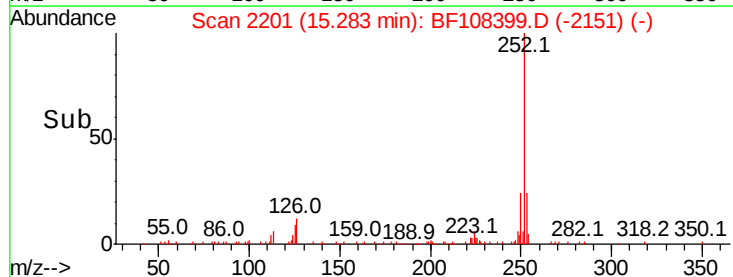
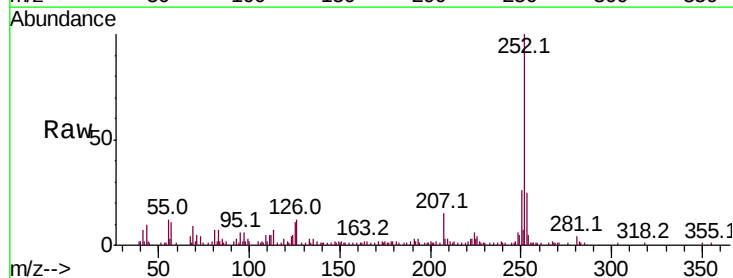
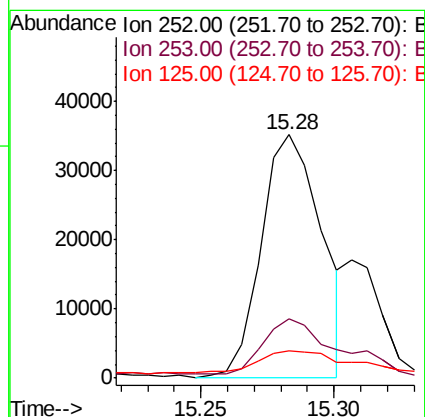
Manual Integrations
APPROVED

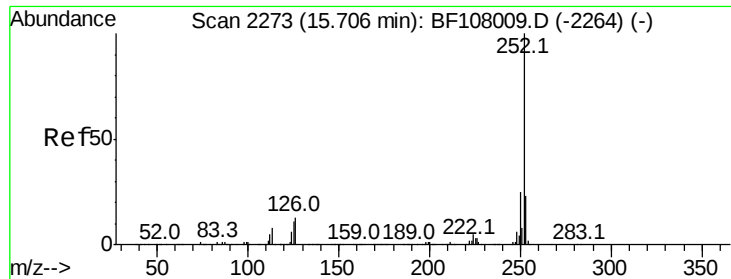
Sohil
8/23/2018 3:43:29 PM



#87
Benzo(b)fluoranthene
Concen: 3.559 ng m
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	11.4	9.0	13.6





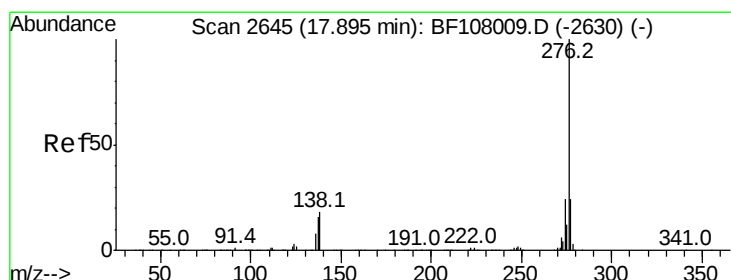
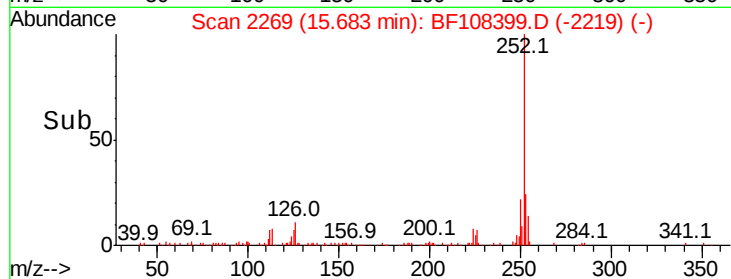
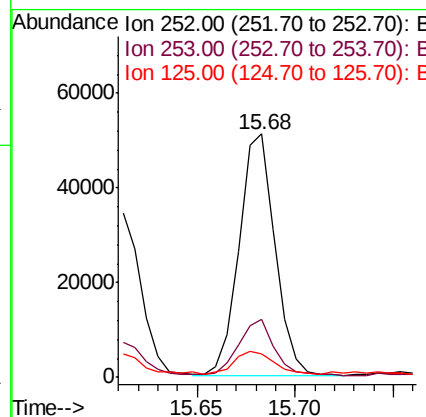
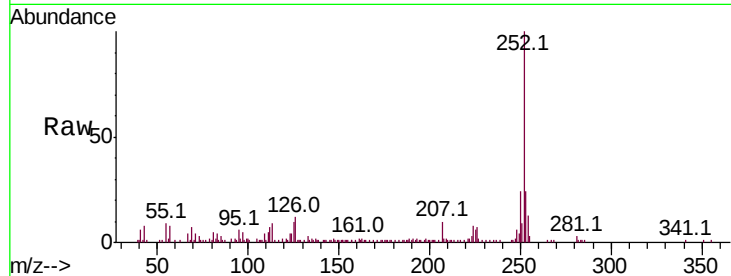
#89
Benzo(a)pyrene
Concen: 4.700 ng/ml
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Instrument :
BNA_F
ClientSampleId :
T27-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	9.6	9.8	14.6

Manual Integrations
APPROVED

Sohil
8/23/2018 3:43:29 PM



#91
Benzo(g,h,i)perylene
Concen: 4.263 ng/ml
RT: 17.85 min Scan# 2637
Delta R.T. -0.02 min
Lab File: BF108399.D
Acq: 22 Aug 2018 22:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	20.3	21.8	32.8

