

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102728.D
 Acq On : 5 Feb 2018 10:37
 Operator : SJ/JU
 Sample : J1022-12 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-013118

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:25:18 PM

Quant Time: Feb 05 13:04:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	255475	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1028702	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	463855	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	751768	20.00	ng	0.00
75) Chrysene-d12	14.05	240	440227	20.00	ng	0.00
86) Perylene-d12	15.53	264	462632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	381638	22.69	ng	-0.01
7) Phenol-d6	6.49	99	453332	22.38	ng	-0.01
23) Nitrobenzene-d5	7.43	82	269975	18.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	91805	24.59	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	465462	16.65	ng	-0.01
78) Terphenyl-d14	12.99	244	337461	18.15	ng	0.00
Target Compounds						
51) Acenaphthene	9.95	154	64518	2.258	ng	96
57) Fluorene	10.46	166	93851	3.204	ng	98
70) Phenanthrene	11.43	178	1219214	29.120	ng	100
71) Anthracene	11.48	178	394297	9.259	ng	99
74) Fluoranthene	12.63	202	1715852	40.733	ng	99
77) Pyrene	12.86	202	1513669	43.848	ng	99
80) Benzo(a)anthracene	14.04	228	753500	27.216	ng	99
82) Chrysene	14.07	228	671308	24.053	ng	98
85) Indeno(1,2,3-cd)pyrene	17.01	276	340061	14.691	ng	93
87) Benzo(b)fluoranthene	15.09	252	858412m	28.619	ng	
88) Benzo(k)fluoranthene	15.12	252	257450m	8.983	ng	
89) Benzo(a)pyrene	15.46	252	577862	21.404	ng	97
90) Dibenzo(a,h)anthracene	17.02	278	85140m	3.885	ng	
91) Benzo(g,h,i)perylene	17.46	276	284506	13.264	ng	95

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

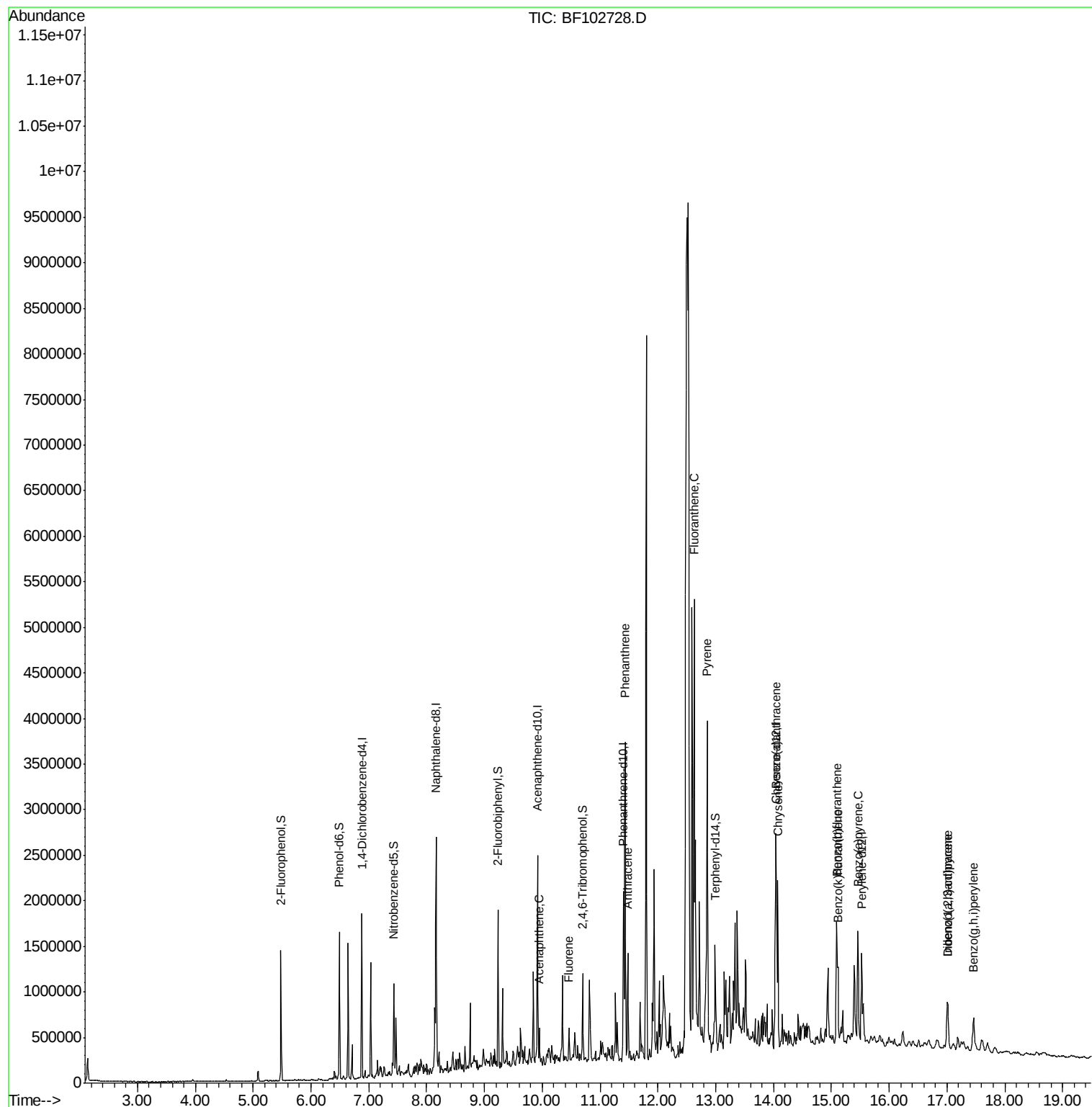
Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
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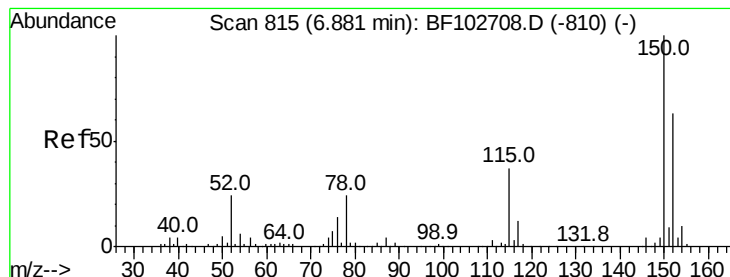
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#1

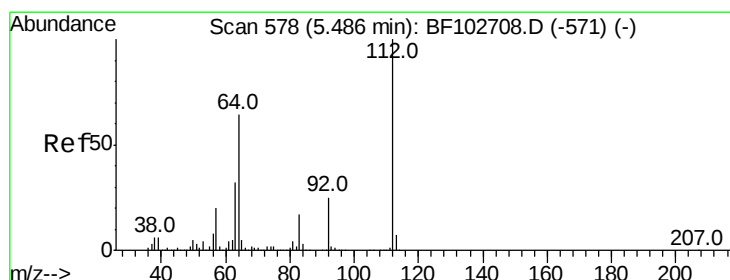
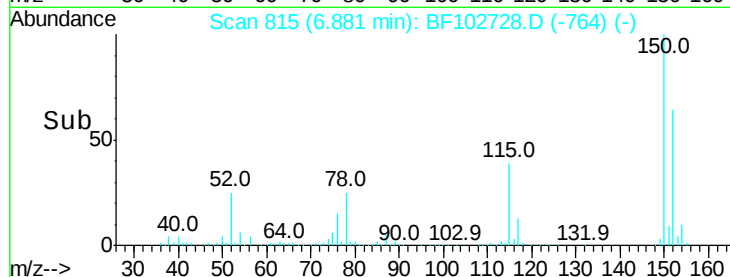
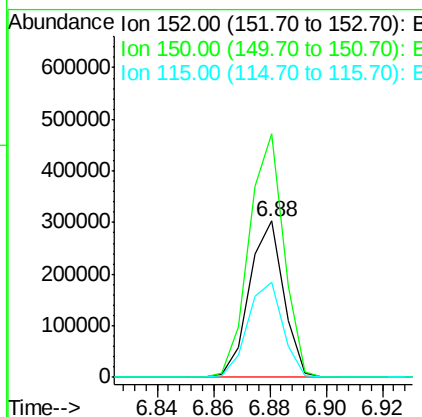
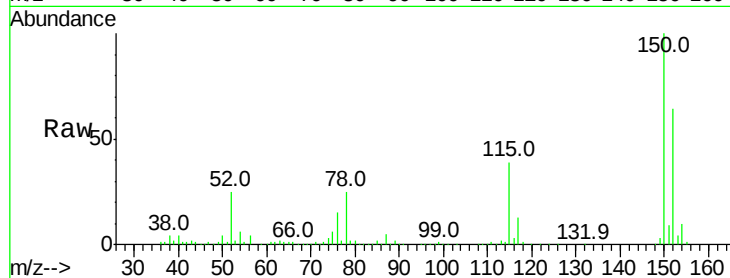
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102728.D
Acq: 5 Feb 2018 10:37

Instrument :
BNA_F
ClientSampleId :
SU-04-013118

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	60.8	50.1	75.1

Manual Integrations
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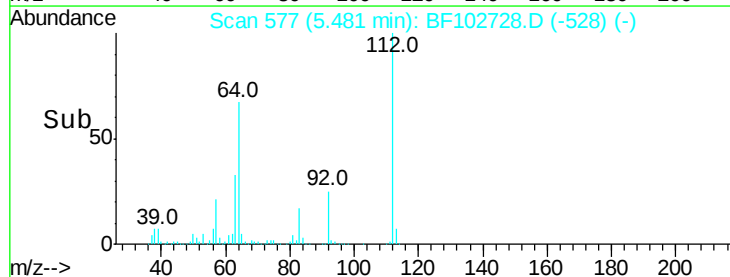
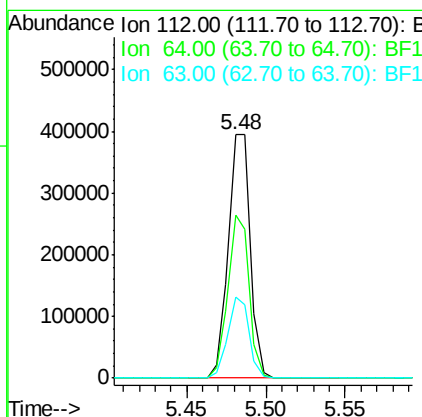
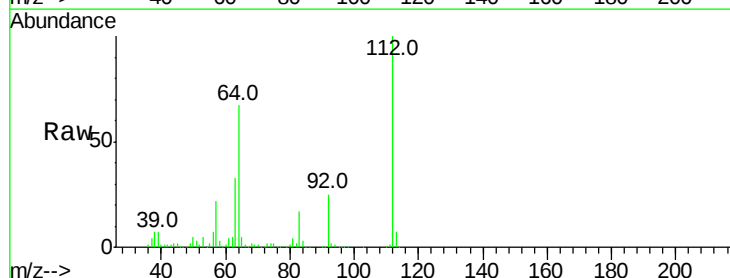
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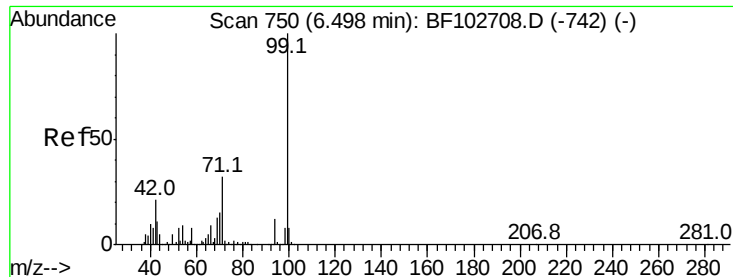


#5

2-Fluorophenol
Concen: 22.686 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF102728.D
Acq: 5 Feb 2018 10:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	47.9	71.9
63	33.5	23.7	35.5





#7

Phenol-d6

Concen: 22.381 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF102728.D

Acq: 5 Feb 2018 10:37

Instrument :

BNA_F

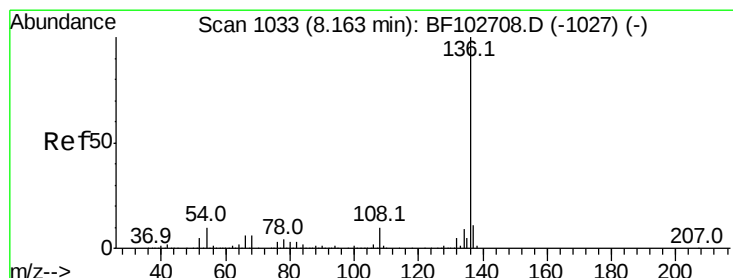
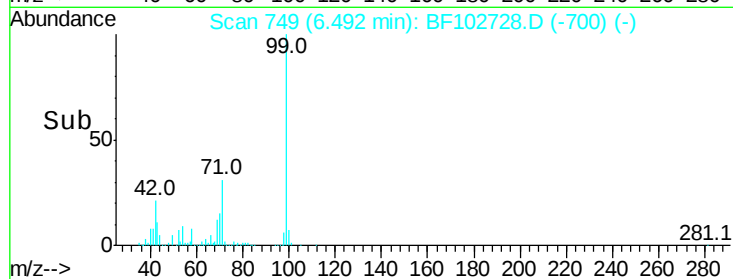
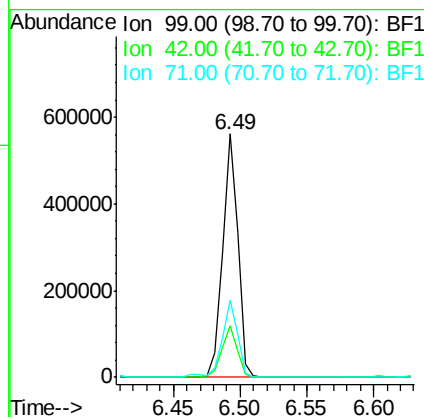
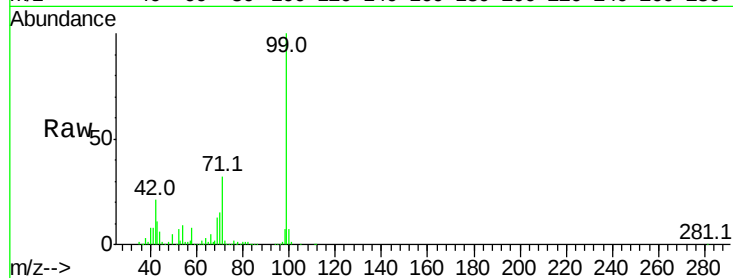
ClientSampleId :

SU-04-013118

Tot Ion:	99	Resp:	453332
Ion Ratio	Lower	Upper	
99	100		
42	21.0	14.5	21.7
71	31.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102728.D

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Tgt Ion:	136	Resp:	1028702
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.8	6.6	9.8
68	6.5	5.0	7.4

