Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113391.D
Acq On : 28 Mar 2019 23:24
Operator : JU/SJ
Sample : K2121-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Time: Mar 29 09:23:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	161025	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	654184	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	308690	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	560046	20.00	ng	0.00
76) Chrysene-d12	13.84	240	419673	20.00	ng	0.00
87) Perylene-d12	15.24	264	435577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	30549	3.10	ng	0.00
7) Phenol-d6	6.36	99	28988	2.33	ng	0.00
23) Nitrobenzene-d5	7.26	82	64133	5.82	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	29611	7.77	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.79	244	127997	6.72	ng	-0.01

Target Compounds	Qvalue

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

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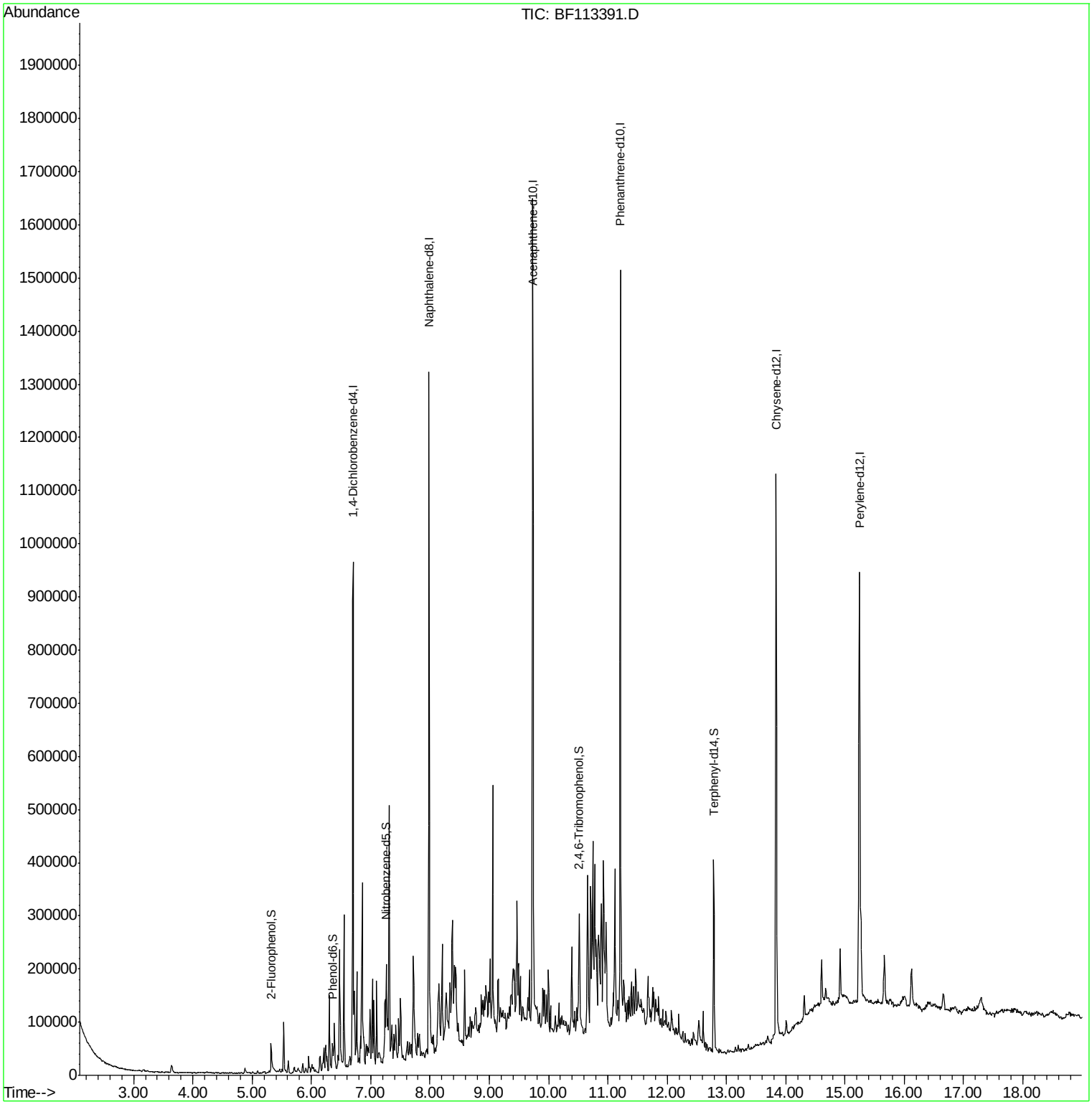
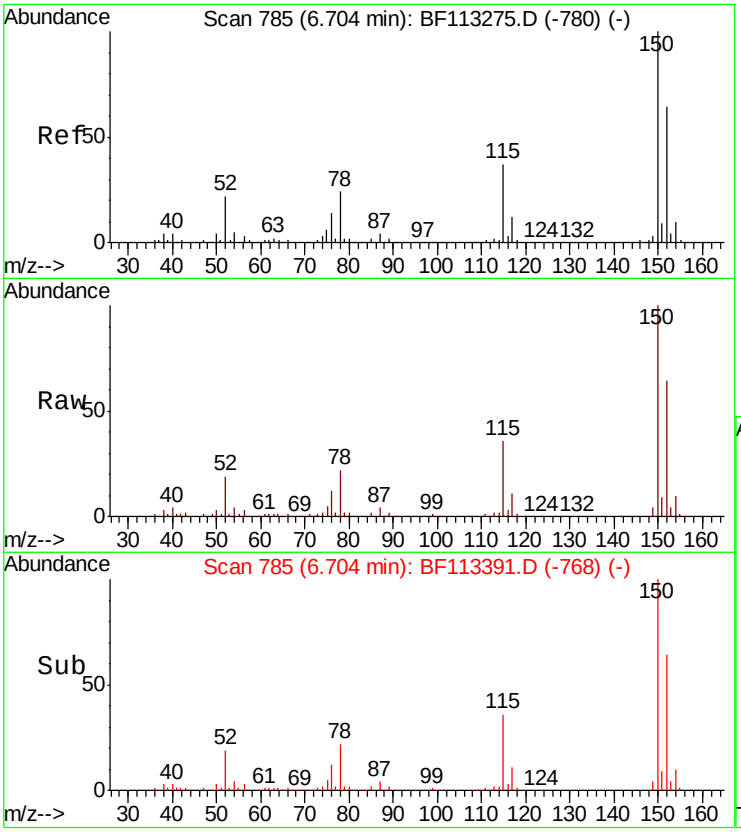


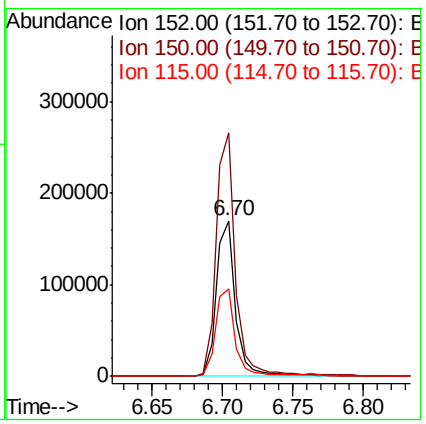


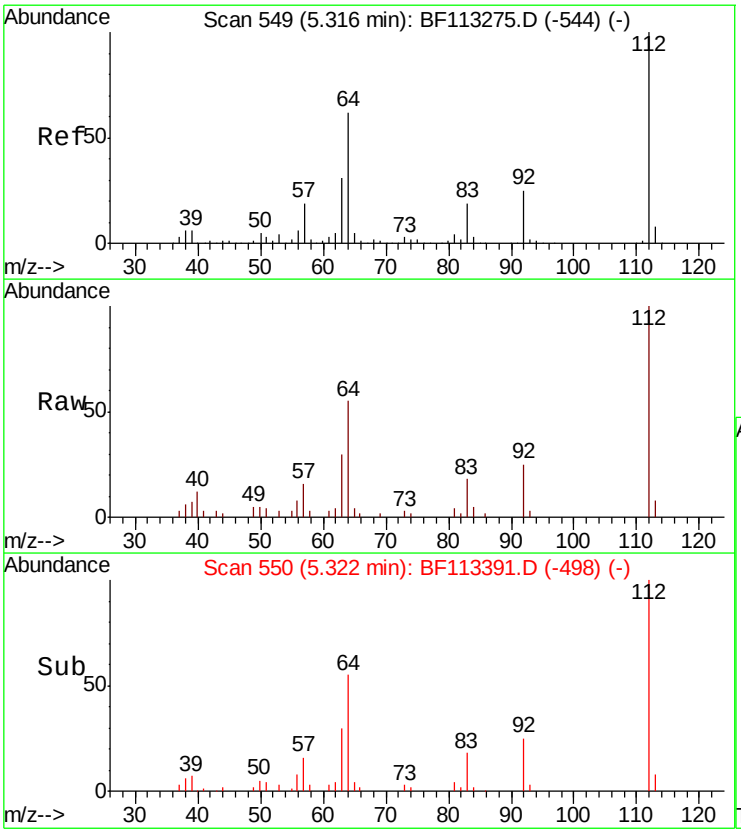
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 161025

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.7	187.1
115	55.7	46.0	69.0

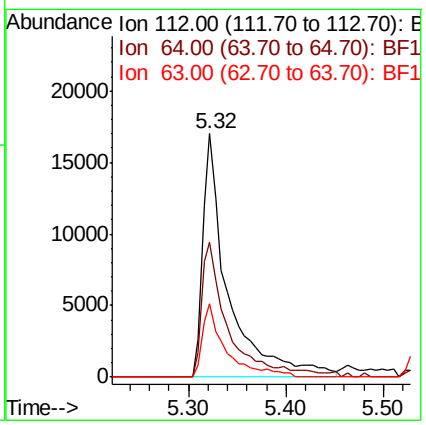


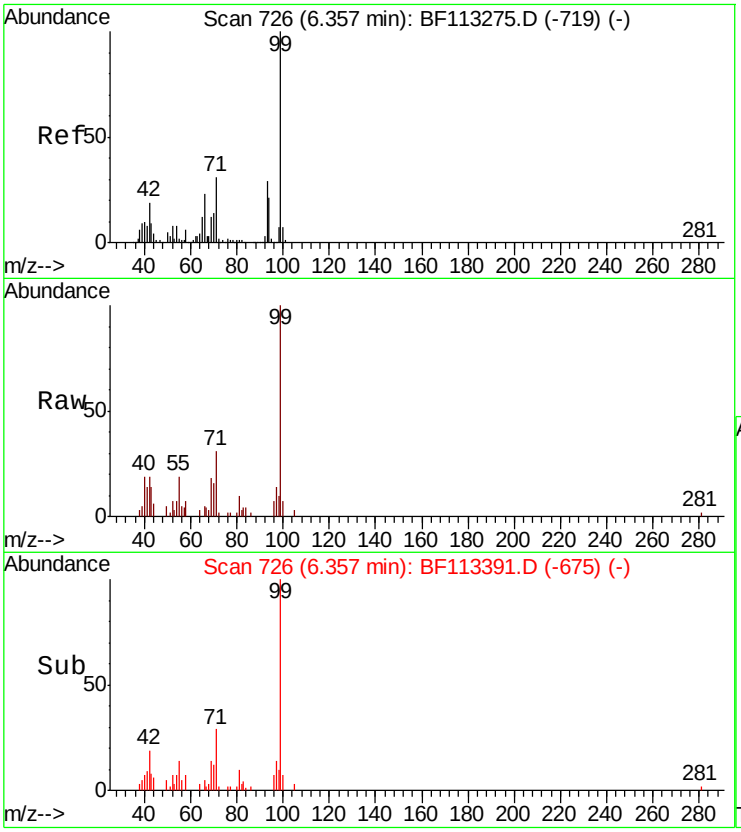


#5
2-Fluorophenol
Concen: 3.102 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Tgt Ion:112 Resp: 30549

Ion	Ratio	Lower	Upper
112	100		
64	55.3	49.2	73.8
63	30.2	24.9	37.3



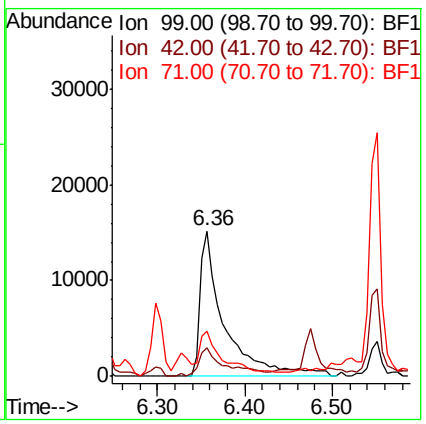


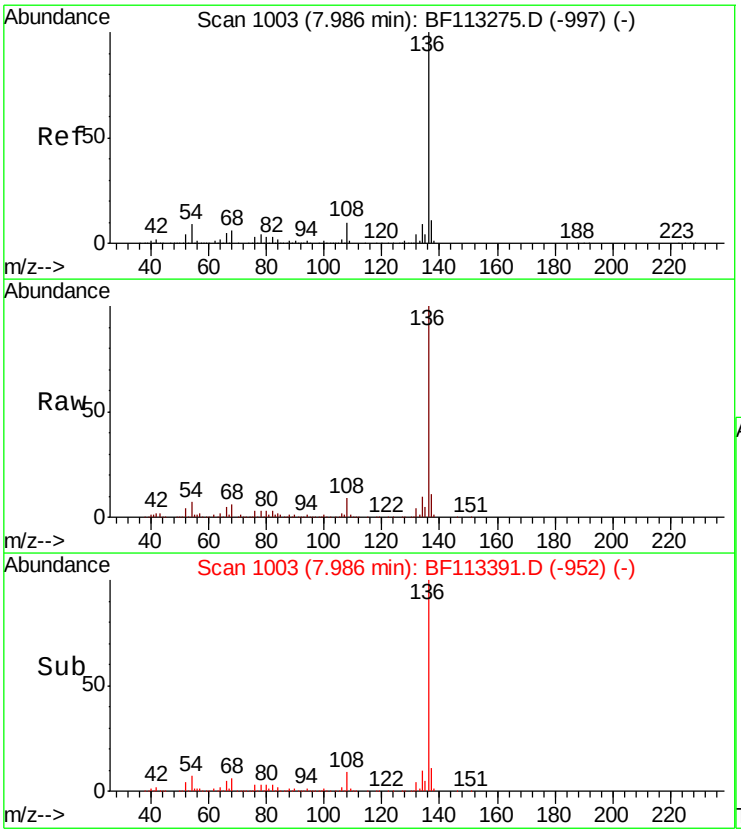
#7
Phenol-d6
Concen: 2.327 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 99 Resp: 28988

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.8	22.2
71	31.4	24.9	37.3

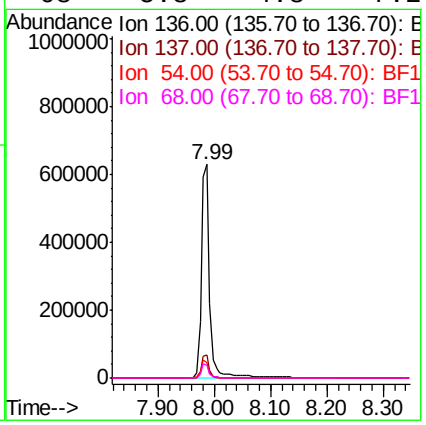


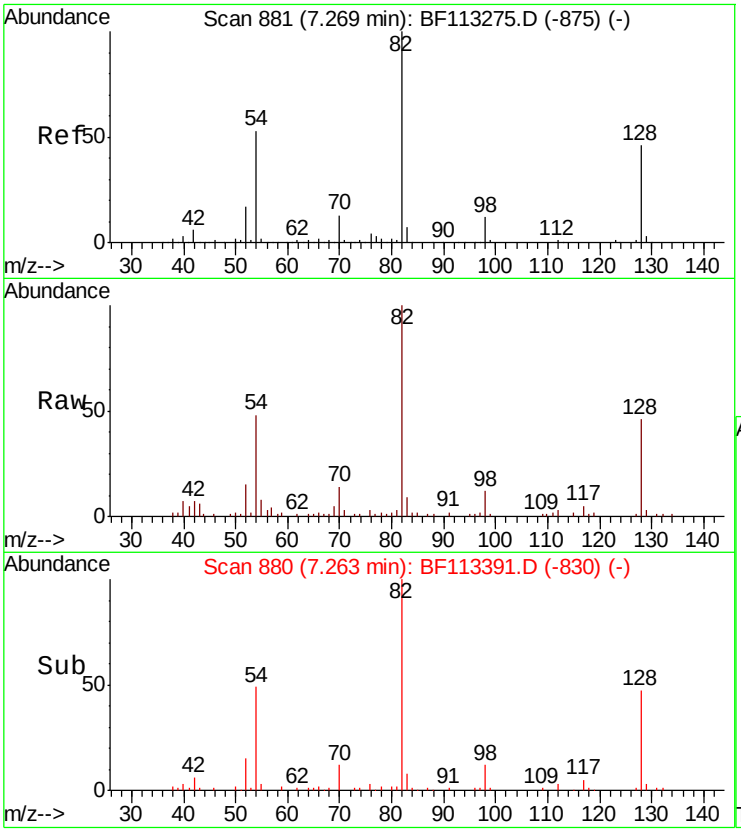


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Tgt Ion:136 Resp: 654184

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.5	7.0	10.6
68	5.8	4.8	7.2



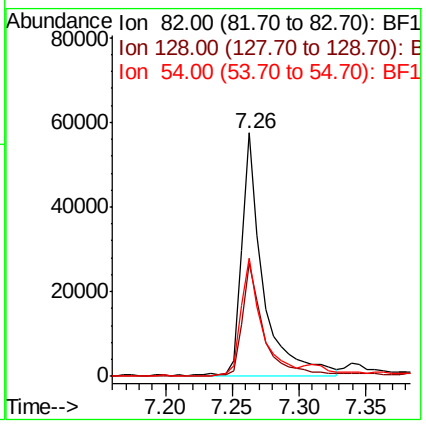


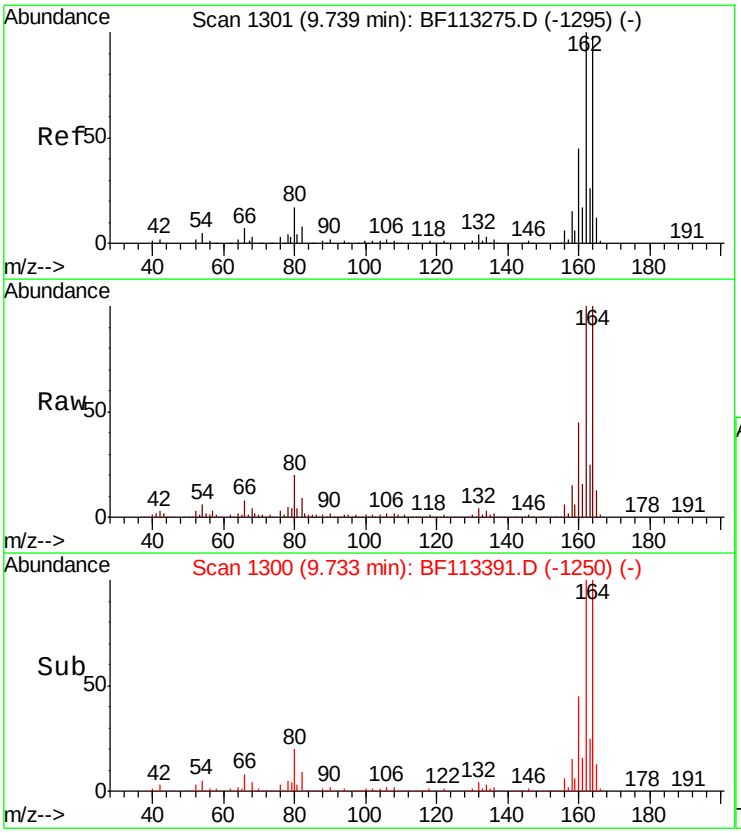
#23
Nitrobenzene-d5
Concen: 5.819 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 82 Resp: 64133

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	48.5	42.2	63.2

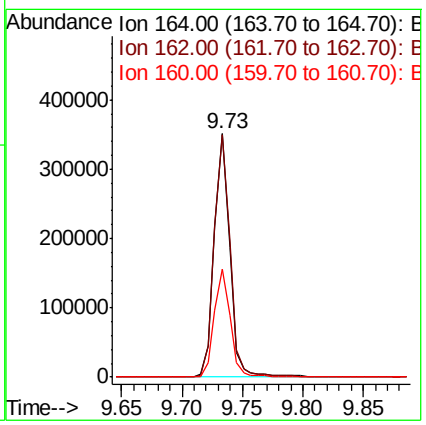


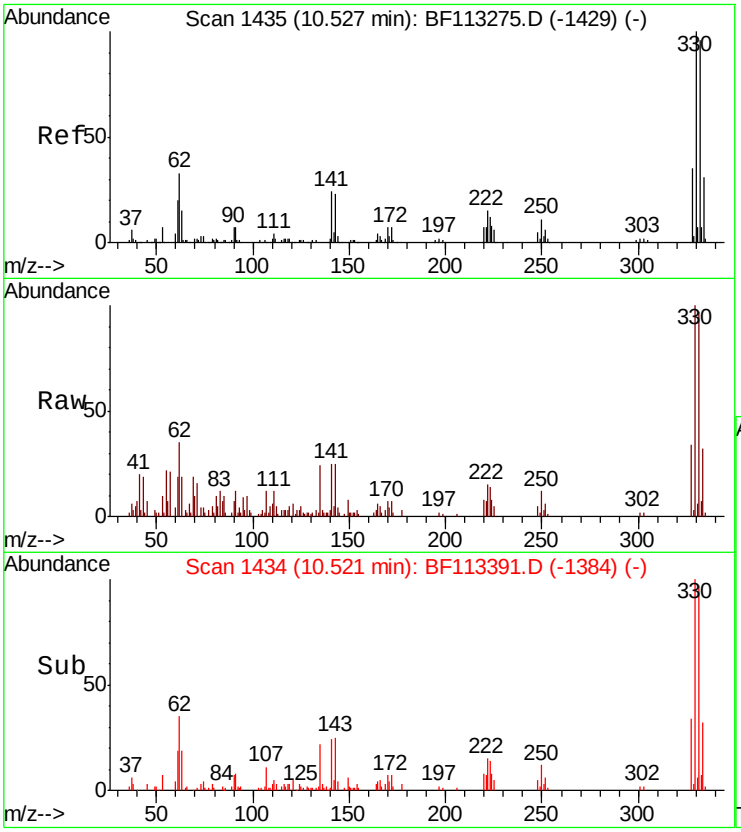


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Tgt Ion:164 Resp: 308690

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.8	122.6
160	44.6	36.4	54.6



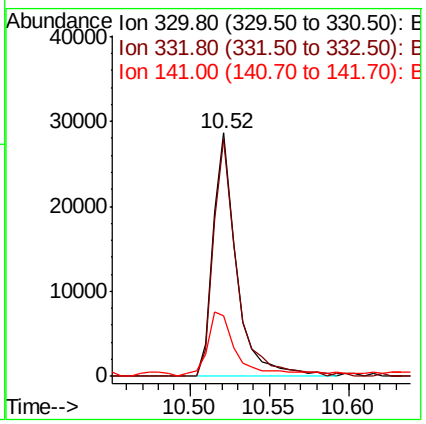


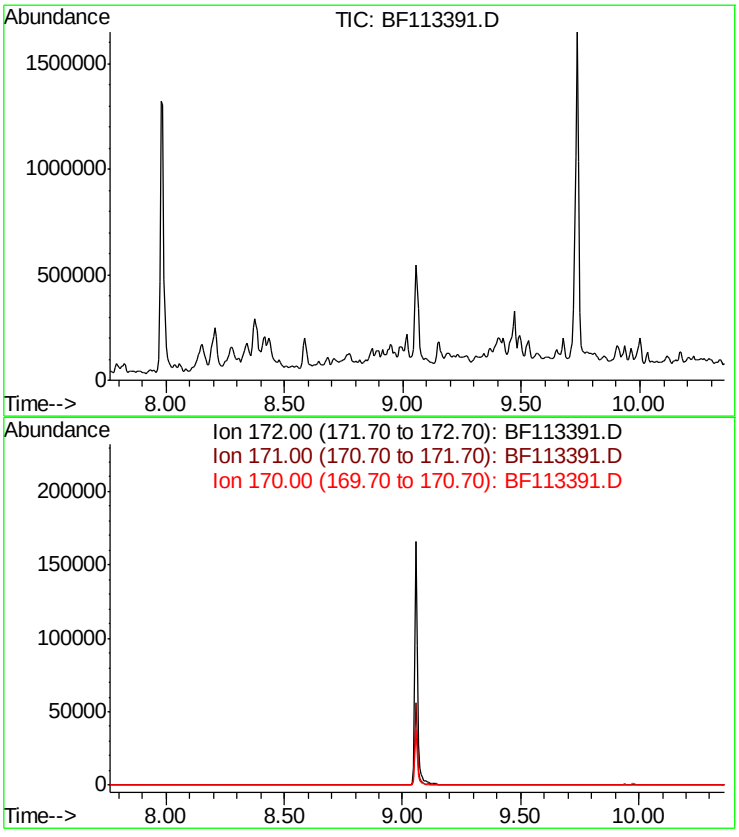
#42
2,4,6-Tribromophenol
Concen: 7.766 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:330 Resp: 29611

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	34.7	22.7	34.1#



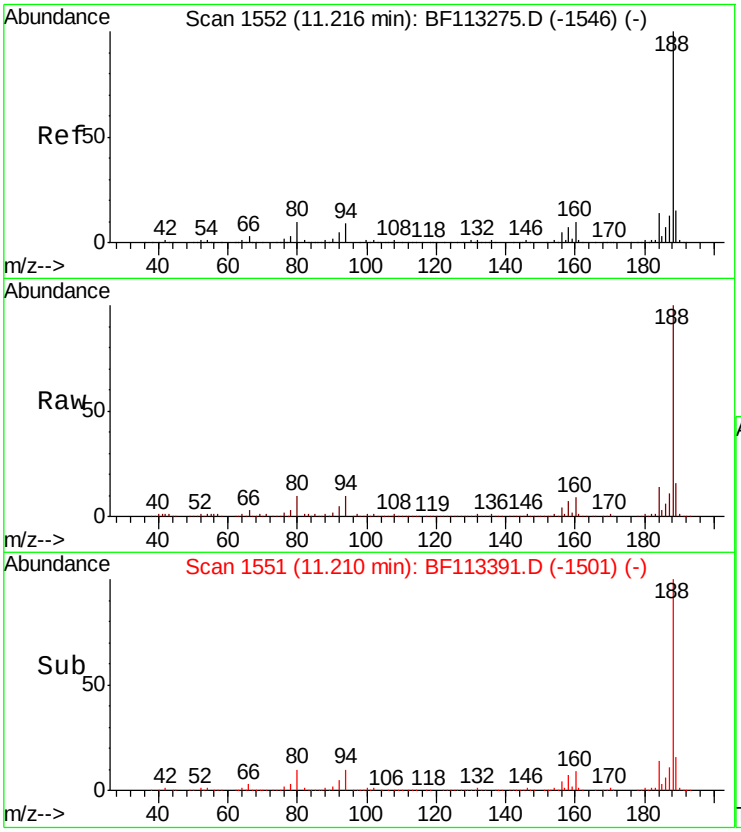


#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.06 min

Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.3
170	24.4

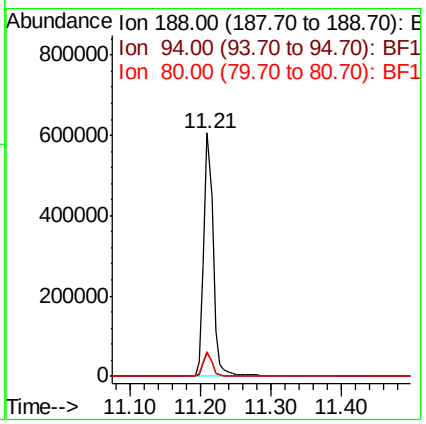


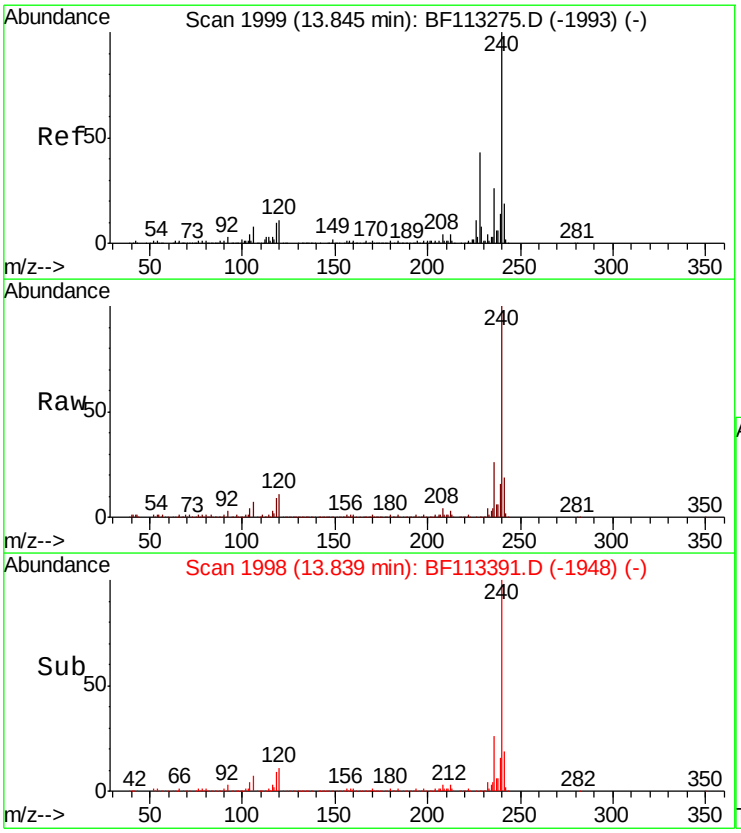
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:188 Resp: 560046

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.6
80	10.1	7.7	11.5

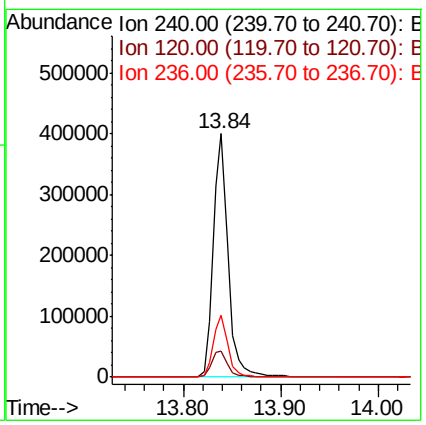


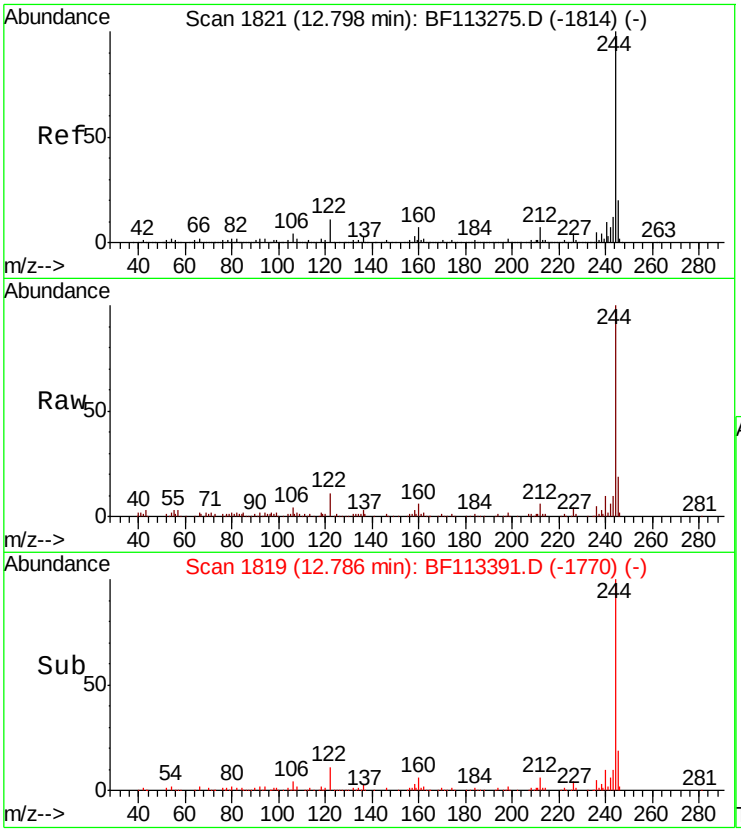


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Tgt Ion:240 Resp: 419673

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.8	13.2
236	25.6	20.9	31.3



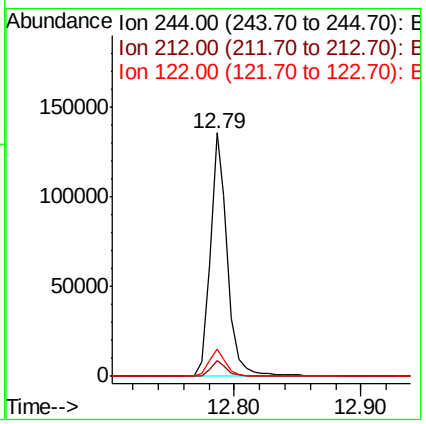


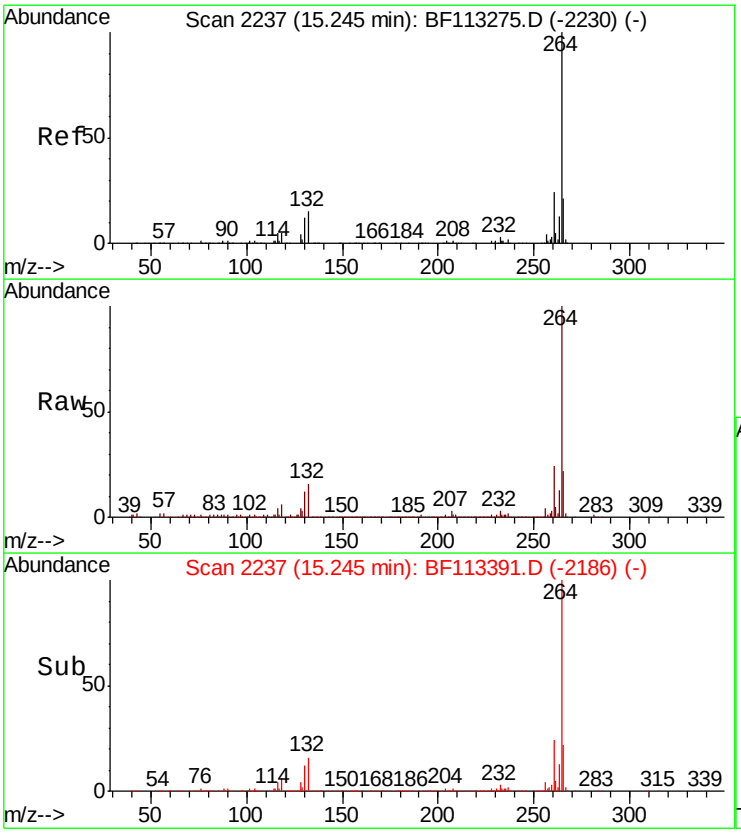
#79
Terphenyl-d14
Concen: 6.723 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:244 Resp: 127997

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	11.4	8.6	13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Tgt Ion:264 Resp: 435577

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.7	17.1	25.7