Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
Data File : BF091431.D
Acq On : 5 Dec 2016 21:23
Operator : UM/SJ
Sample : H5838-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Time: Dec 06 00:44:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 00:16:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	149760	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	549843	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	362521	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	576927	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	494293	20.00	ng	0.00
86) Perylene-d12	15.43	264	364215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	479815	52.34	ng	0.00
7) Phenol-d6	6.47	99	380509	33.72	ng	-0.01
23) Nitrobenzene-d5	7.41	82	986647	100.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	483376	140.84	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1863162	93.06	ng	0.00
78) Terphenyl-d14	12.96	244	2062631	90.70	ng	0.00
Target Compounds						Qvalue

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

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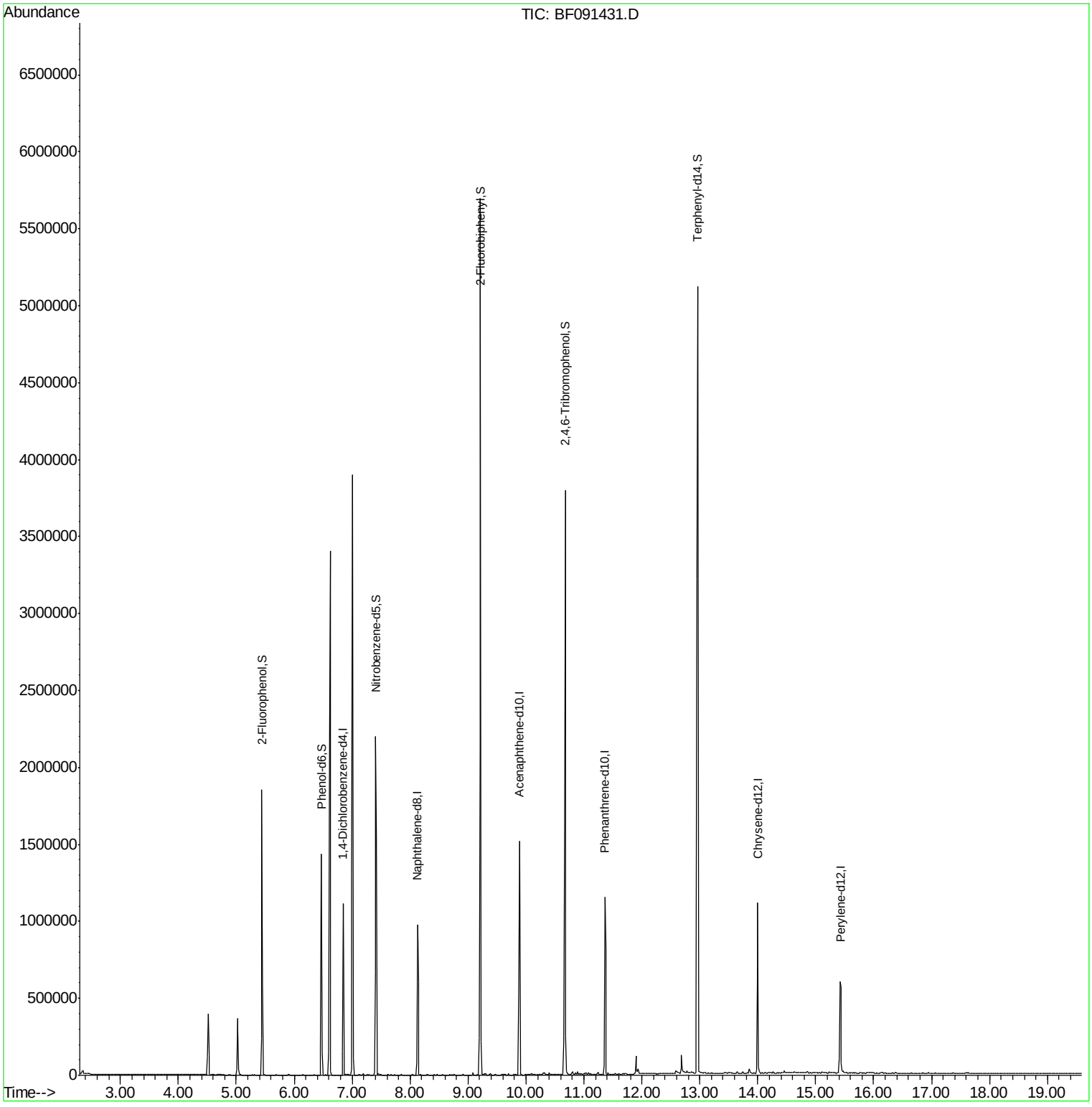
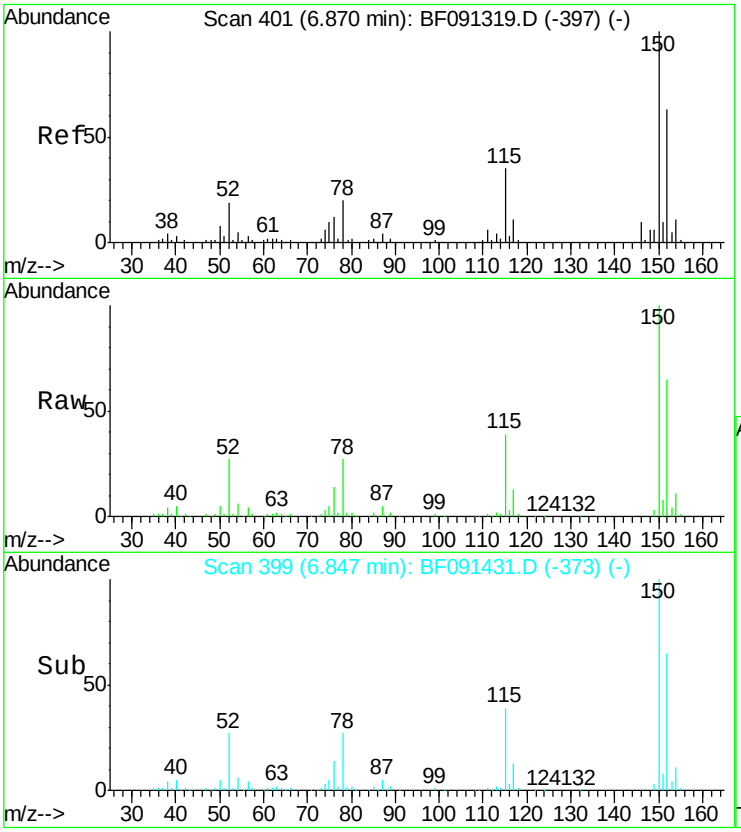


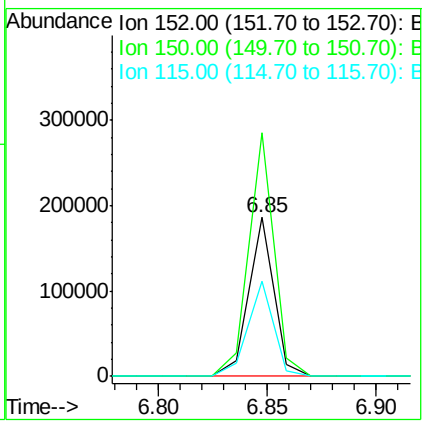


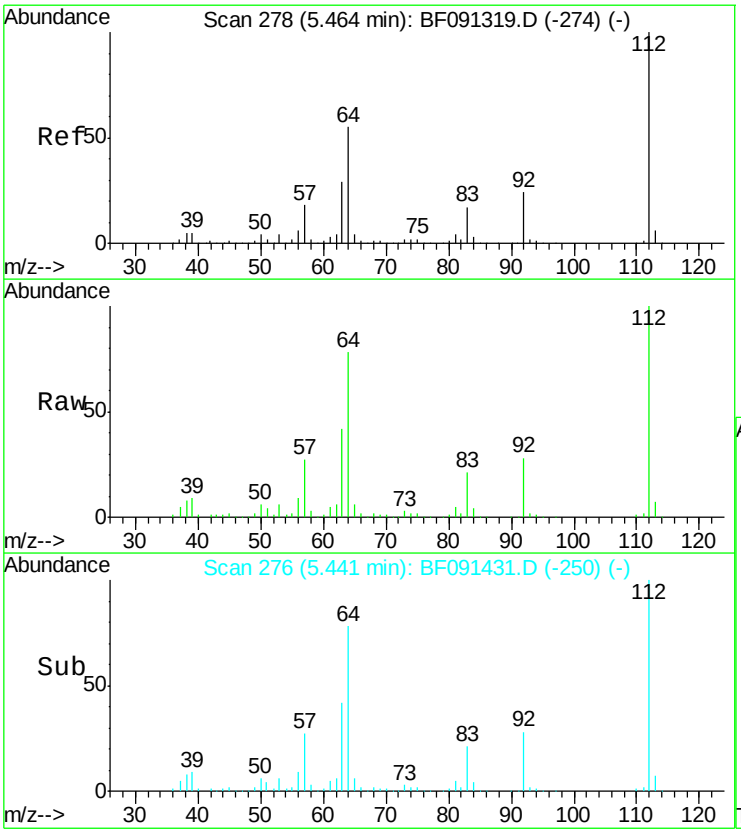
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 149760

Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.5	183.7
115	59.9	51.8	77.8

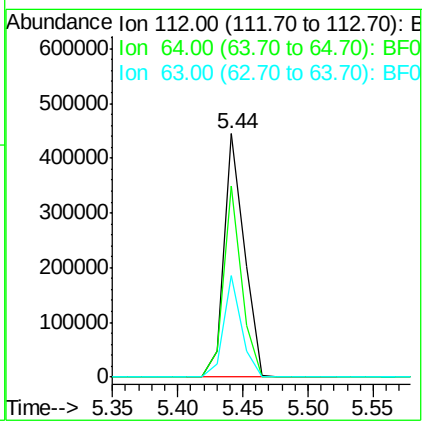


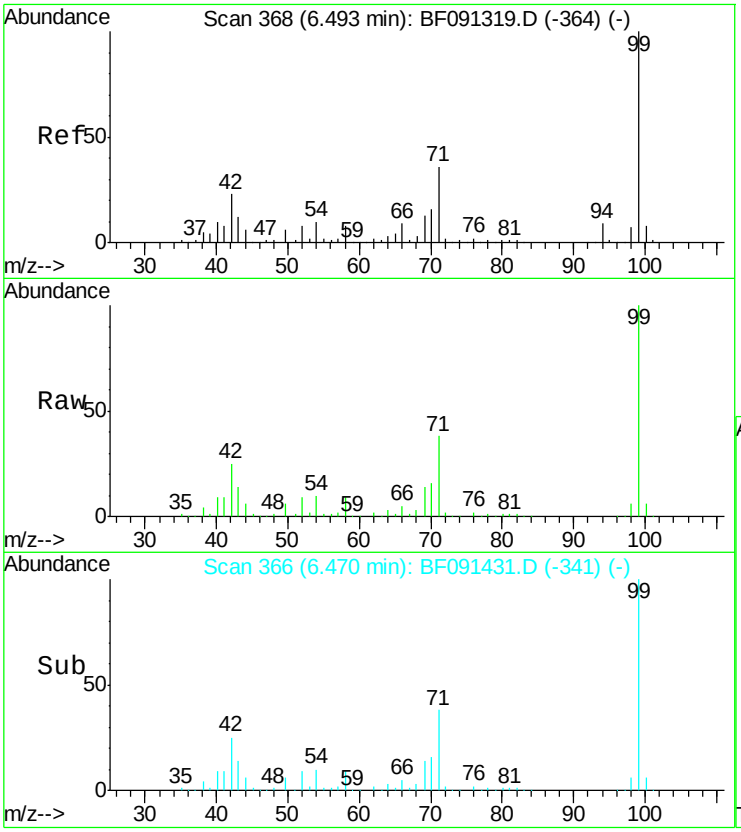


#5
2-Fluorophenol
Concen: 52.34 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.00 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

Tgt Ion:112 Resp: 479815

Ion	Ratio	Lower	Upper
112	100		
64	78.3	61.5	92.3
63	41.7	33.3	49.9



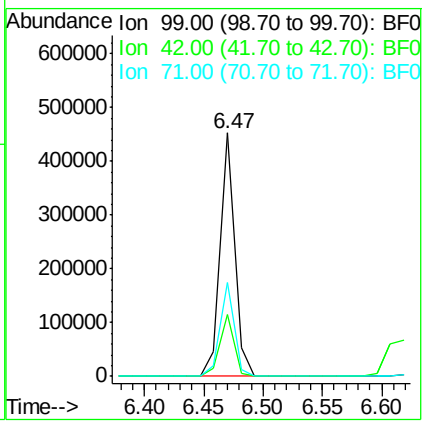


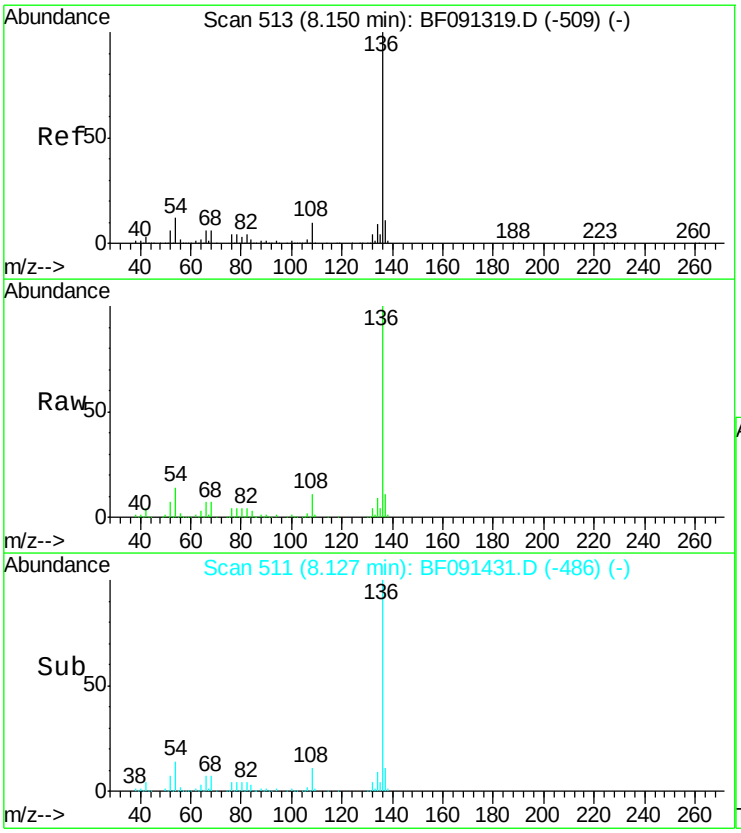
#7
Phenol-d6
Concen: 33.72 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.01 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 99 Resp: 380509

Ion	Ratio	Lower	Upper
99	100		
42	25.2	20.6	31.0
71	38.4	29.9	44.9

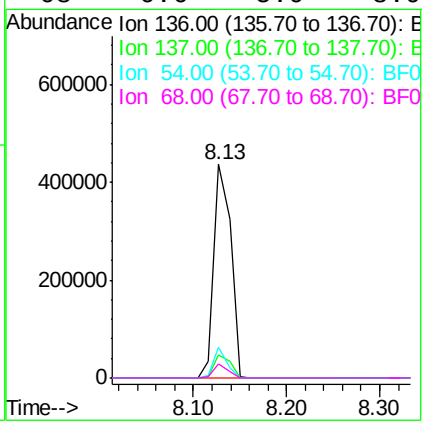


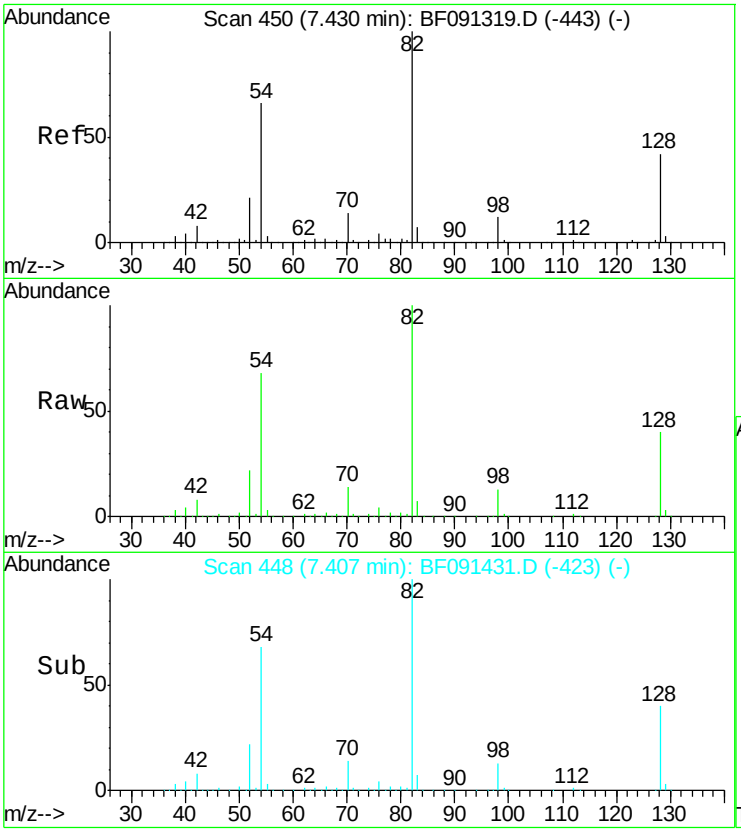


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

Tgt Ion:136 Resp: 549843

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	14.3	9.1	13.7#
68	6.6	5.9	8.9



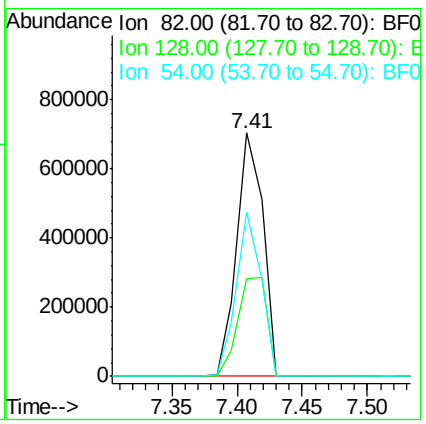


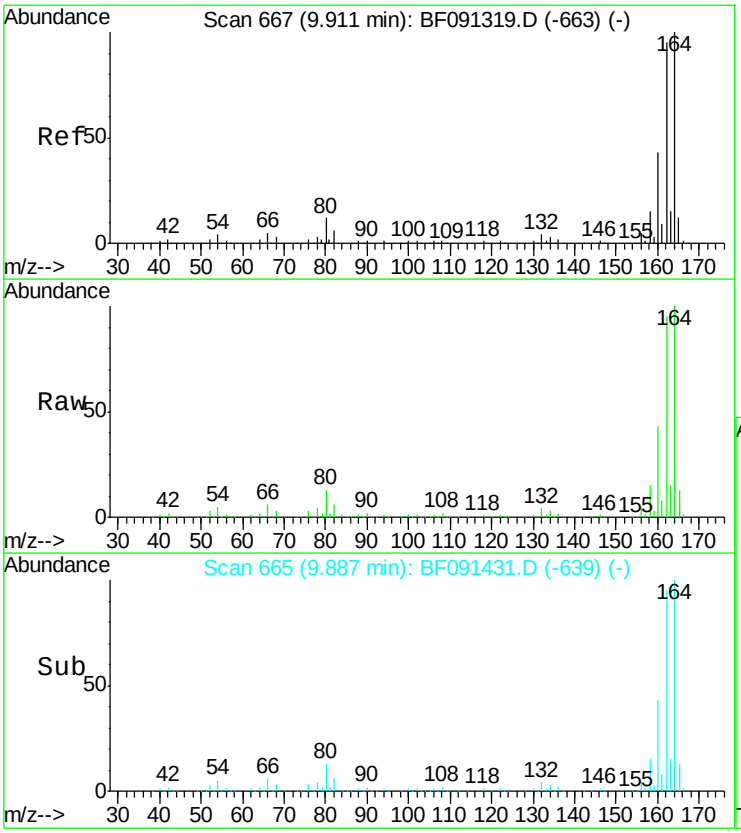
#23
Nitrobenzene-d5
Concen: 100.56 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 82 Resp: 986647

Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.8	47.6
54	67.7	49.1	73.7

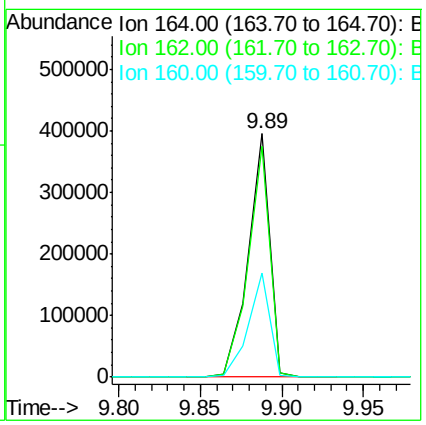


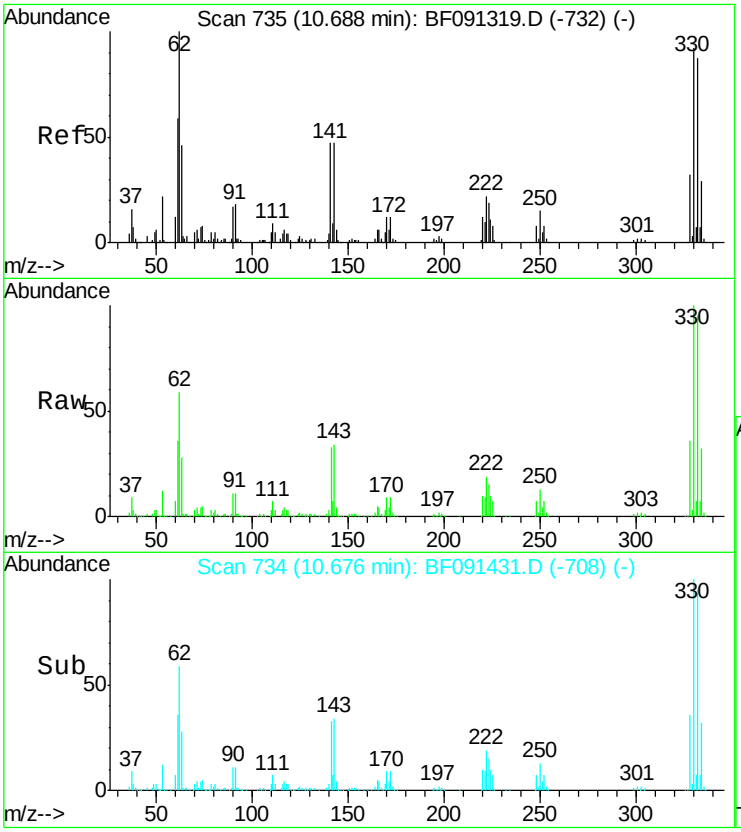


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

Tgt Ion:164 Resp: 362521

Ion	Ratio	Lower	Upper
164	100		
162	94.8	82.6	124.0
160	43.0	36.7	55.1



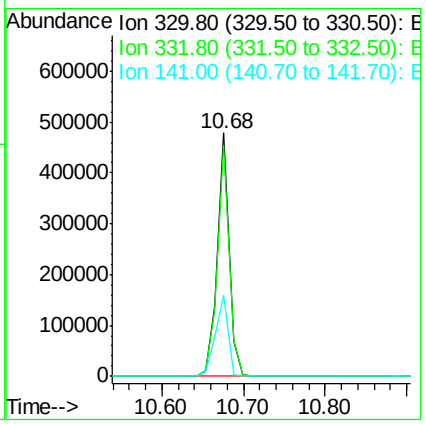


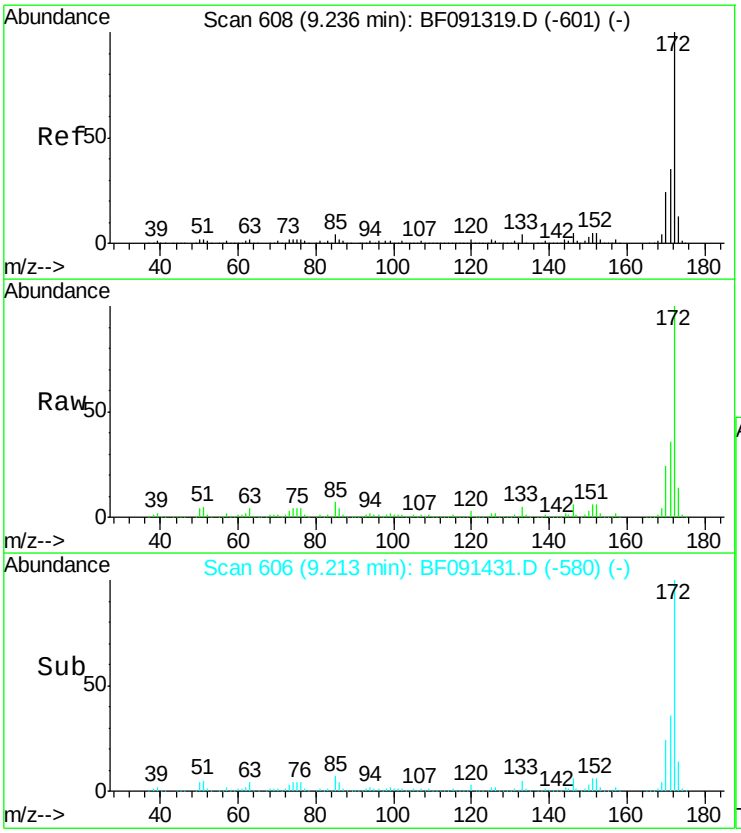
#41
2,4,6-Tribromophenol
Concen: 140.84 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:330 Resp: 483376

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.2	114.4
141	35.6	33.6	50.4

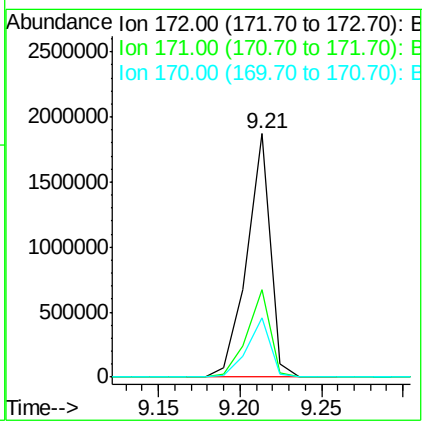


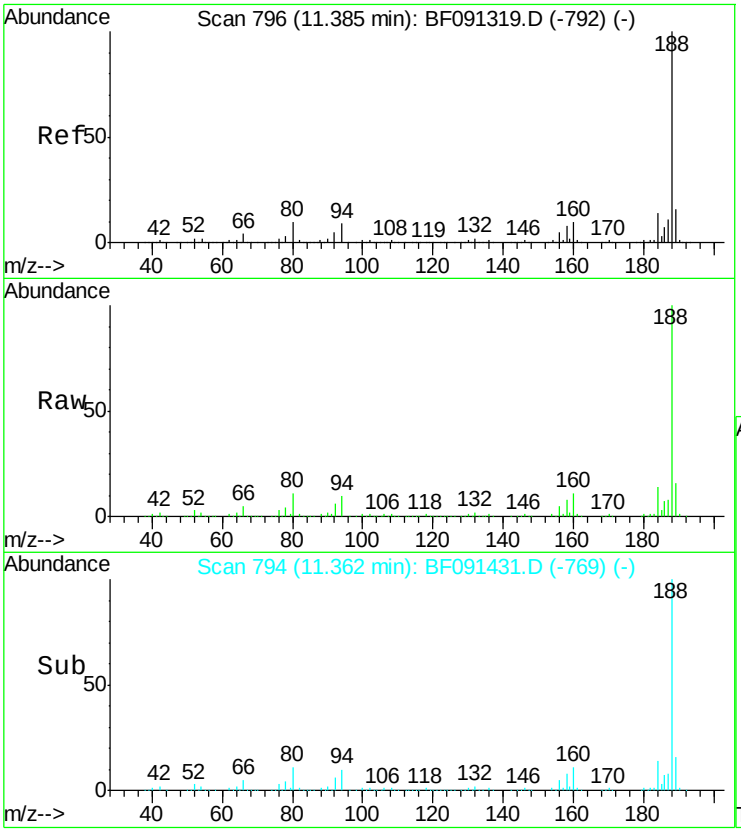


#44
2-Fluorobiphenyl
Concen: 93.06 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

Tgt Ion:172 Resp: 1863162

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.5	19.7	29.5



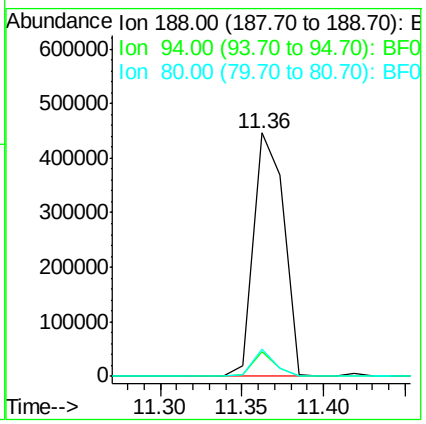


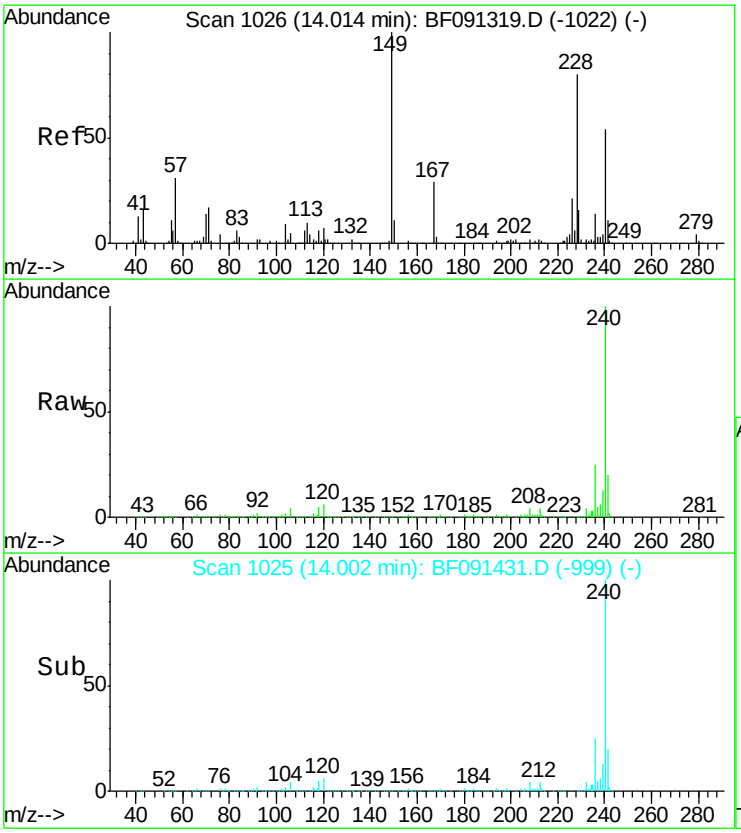
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:188 Resp: 576927

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.2	13.8
80	11.3	10.5	15.7

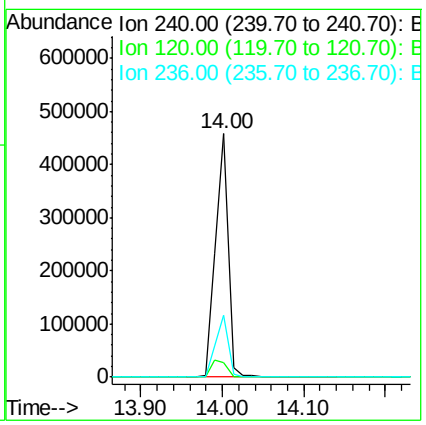


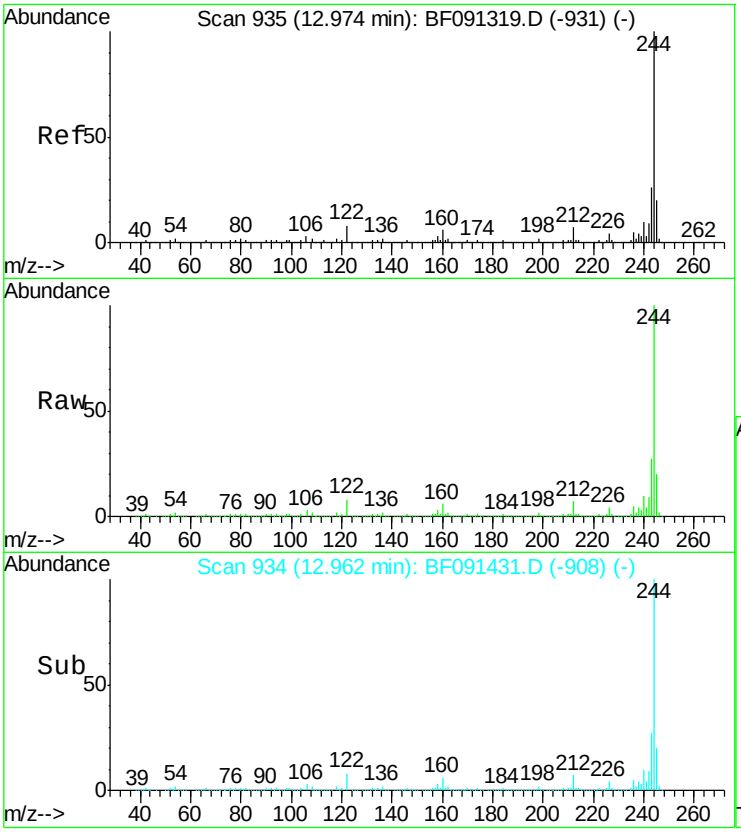


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

Tgt Ion:240 Resp: 494293

Ion	Ratio	Lower	Upper
240	100		
120	6.1	12.1	18.1#
236	25.3	21.0	31.6



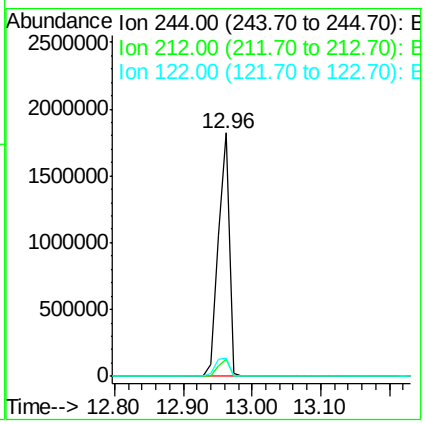


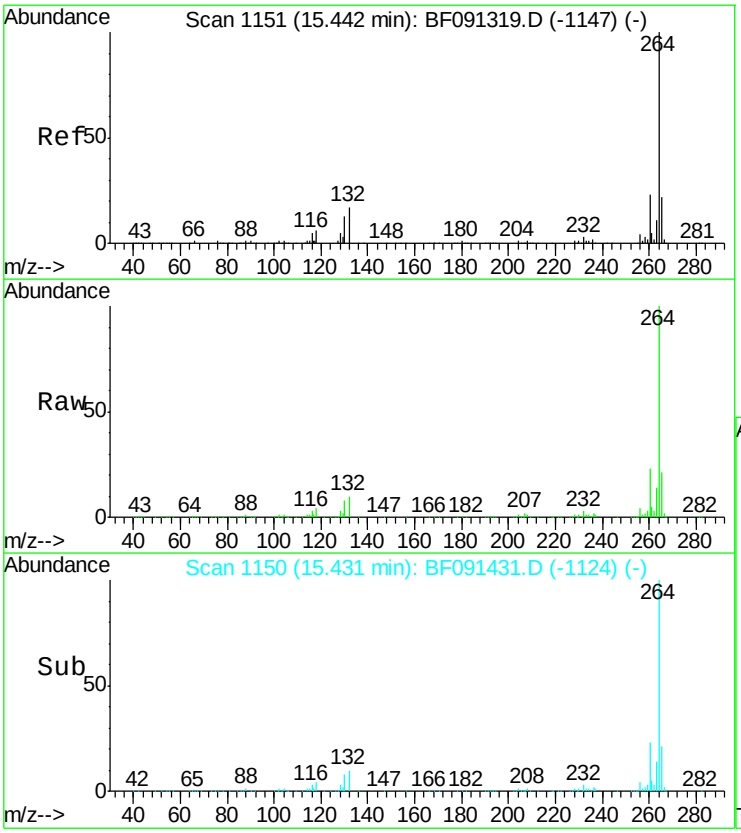
#78
Terphenyl-d14
Concen: 90.70 ng
RT: 12.96 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:244 Resp: 2062631

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	7.8	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF091431.D
Acq: 5 Dec 2016 21:23

Tgt Ion:264 Resp: 364215

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.8	28.2
265	21.2	17.0	25.6