Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092895.D
Acq On : 10 Feb 2017 20:50
Operator : SJ/MA
Sample : I1772-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5

Quant Time: Feb 11 00:08:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	156219	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	641595	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	368755	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	600791	20.00	ng	0.00
75) Chrysene-d12	14.05	240	464702	20.00	ng	-0.01
86) Perylene-d12	15.51	264	372343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	588765	64.66	ng	0.00
7) Phenol-d6	6.52	99	434427	37.08	ng	-0.01
23) Nitrobenzene-d5	7.46	82	939229	81.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	333246	124.95	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1896803	93.19	ng	0.00
78) Terphenyl-d14	13.01	244	1648389	83.35	ng	0.00
Target Compounds						Qvalue

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

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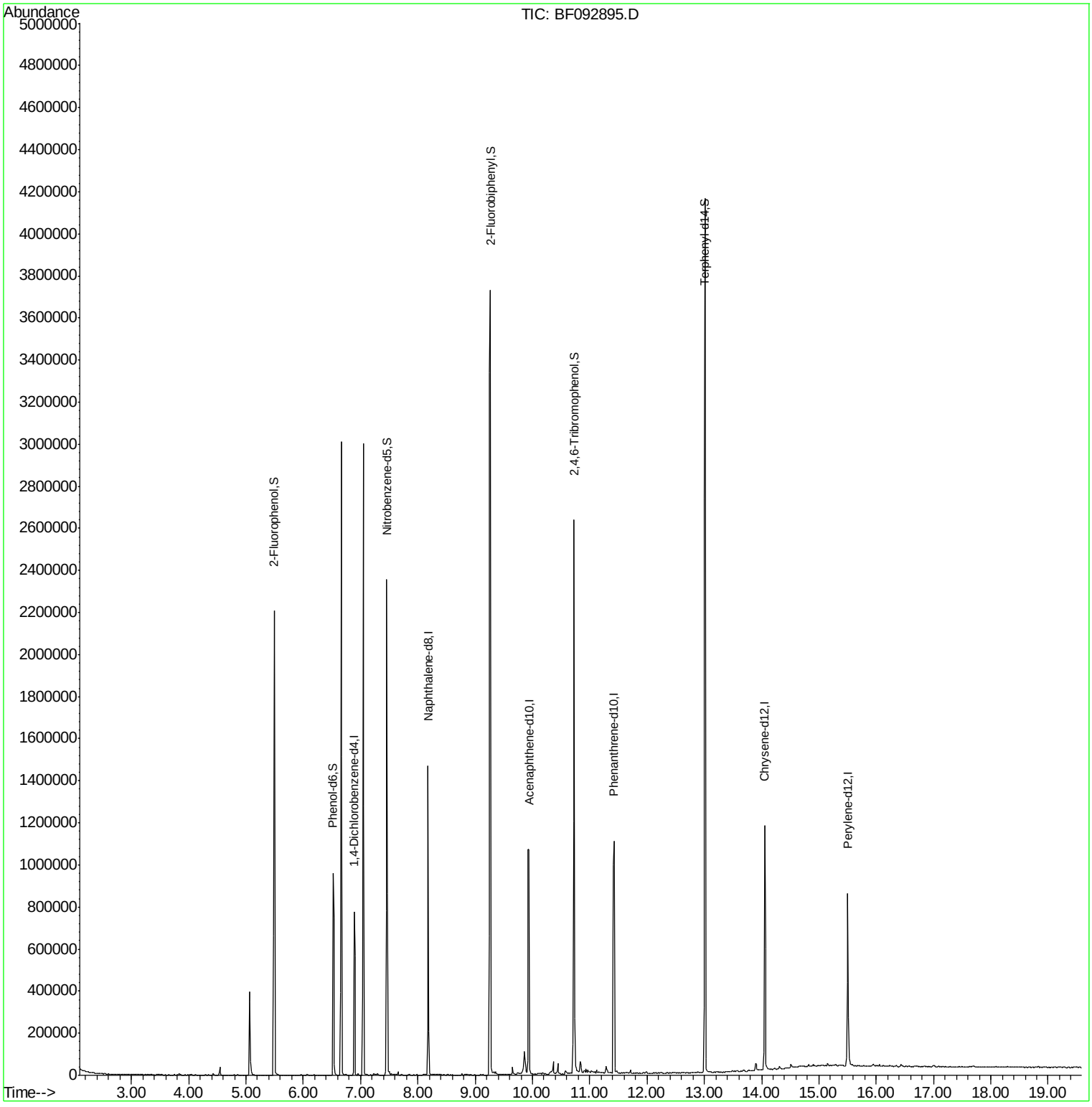
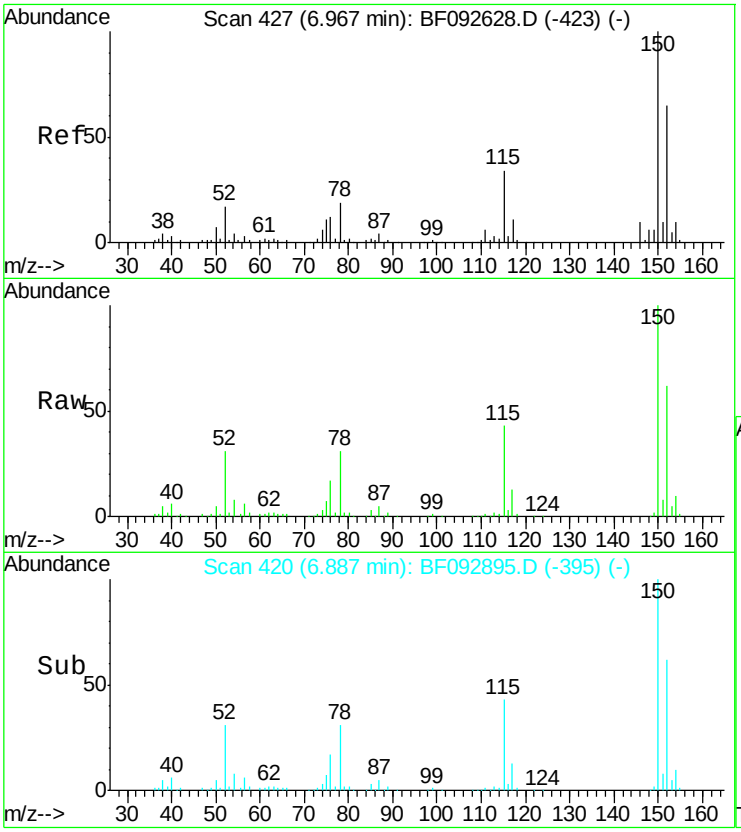


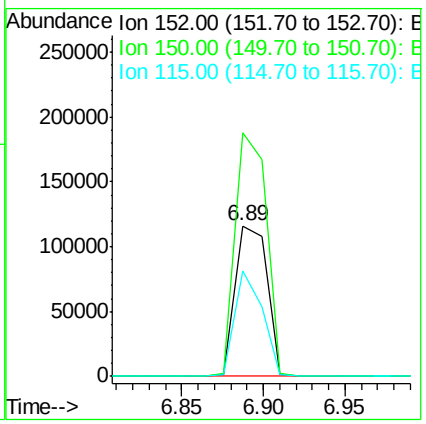


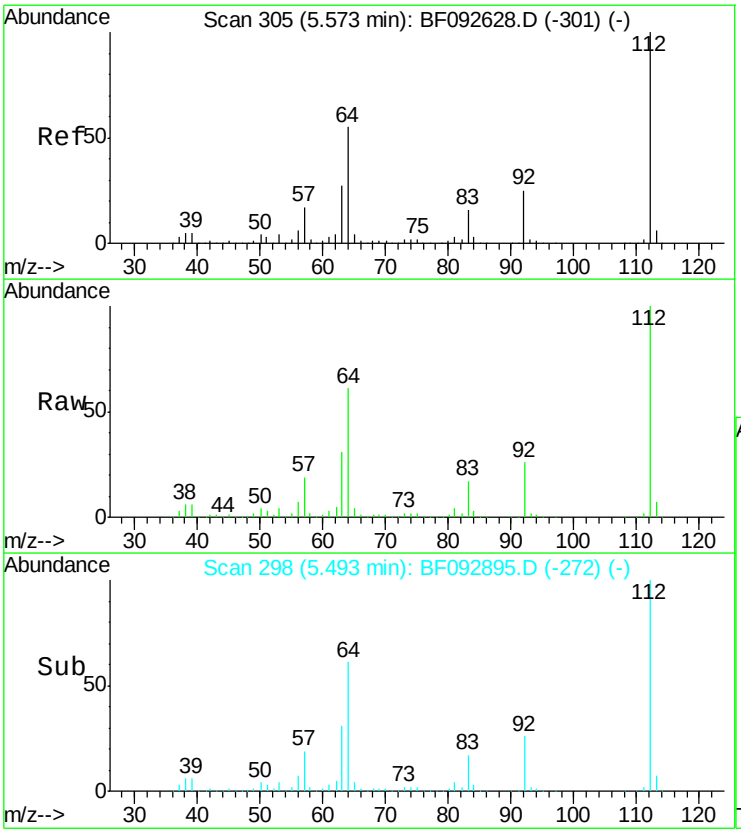
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 156219

Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.9	187.3
115	70.0	46.0	69.0#

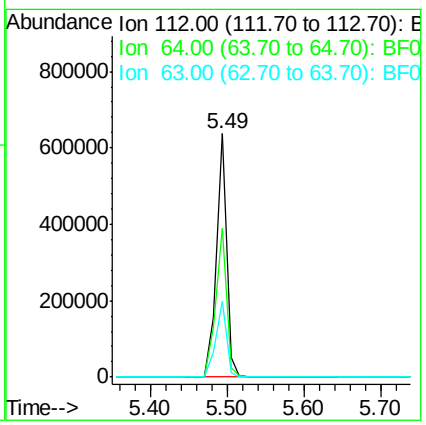


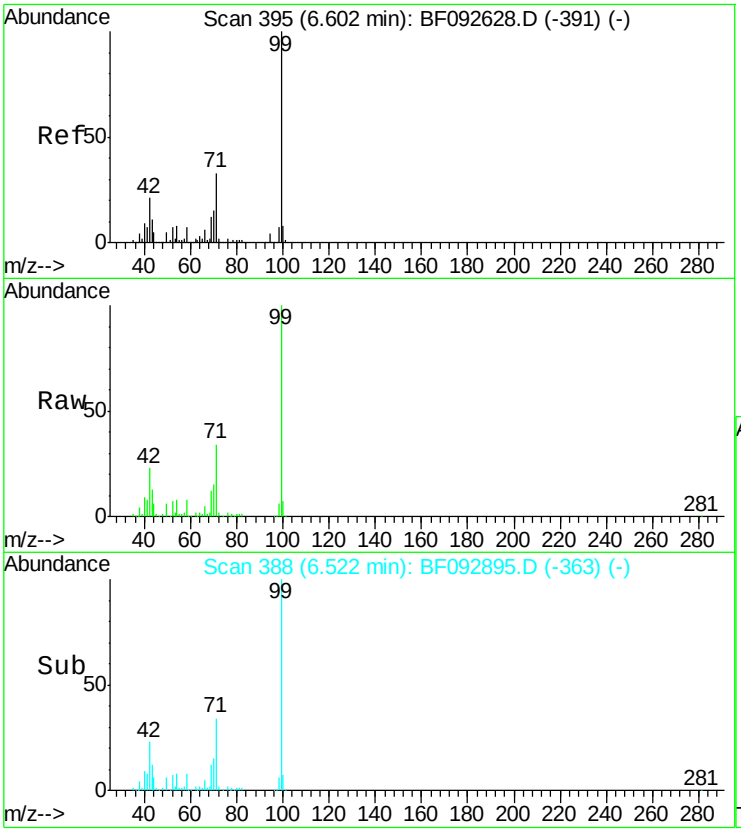


#5
2-Fluorophenol
Concen: 64.66 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.00 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Tgt Ion:112 Resp: 588765

Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.1	69.1
63	31.1	23.8	35.6



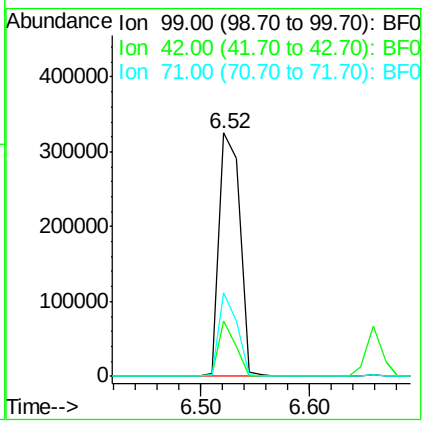


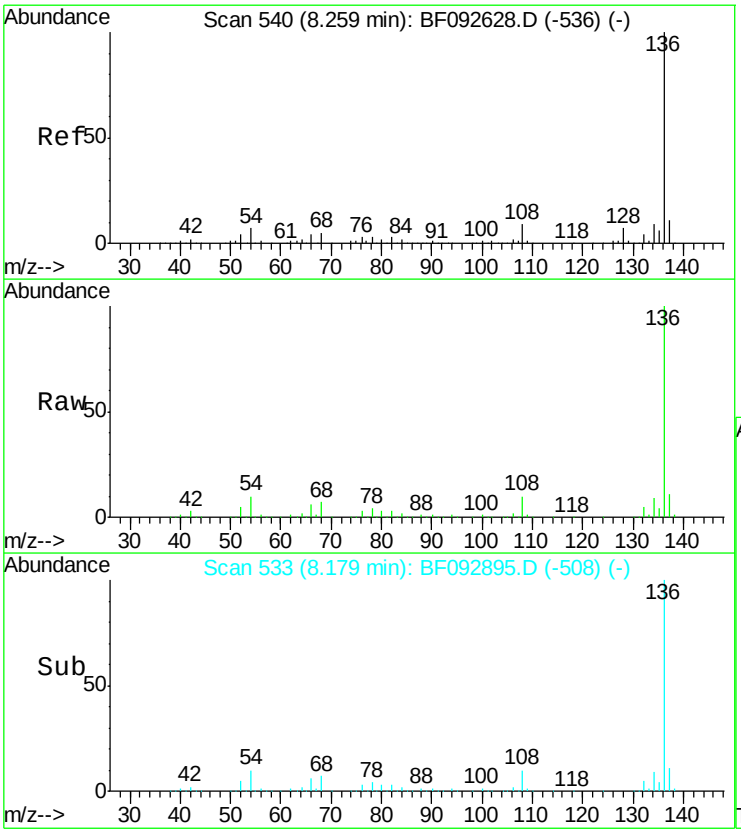
#7
Phenol-d6
Concen: 37.08 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion: 99 Resp: 434427

Ion	Ratio	Lower	Upper
99	100		
42	23.0	15.6	23.4
71	34.1	27.5	41.3

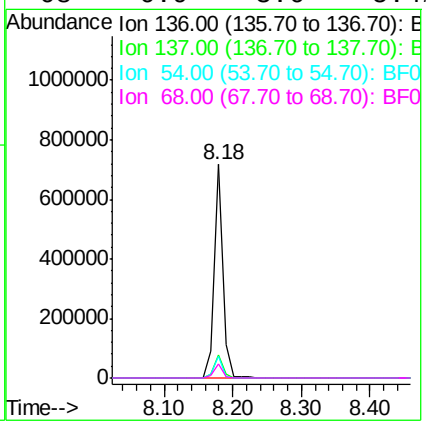


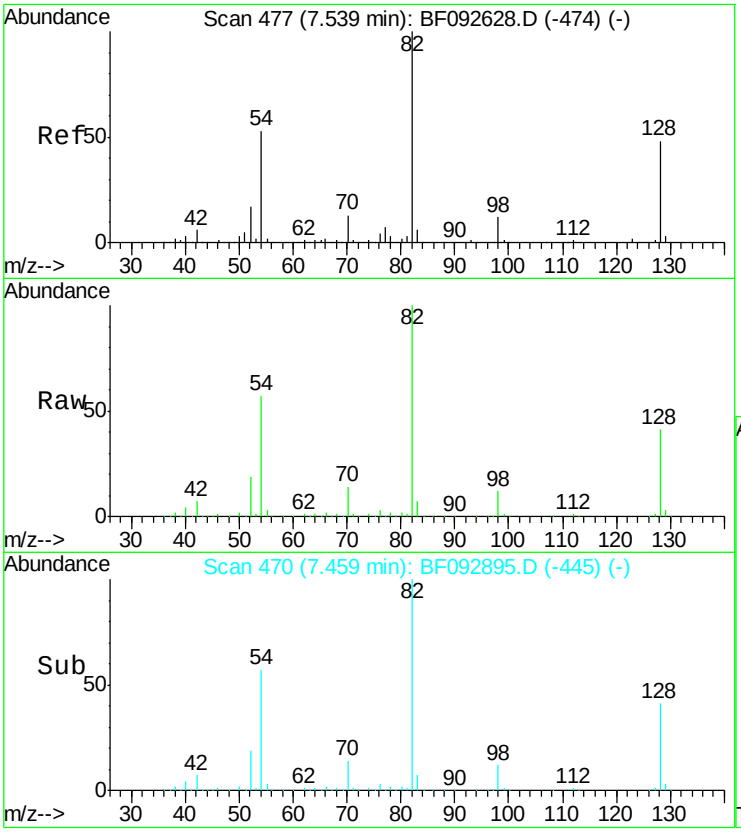


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Tgt Ion:136 Resp: 641595

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.0	4.5	6.7#
68	6.9	3.6	5.4#



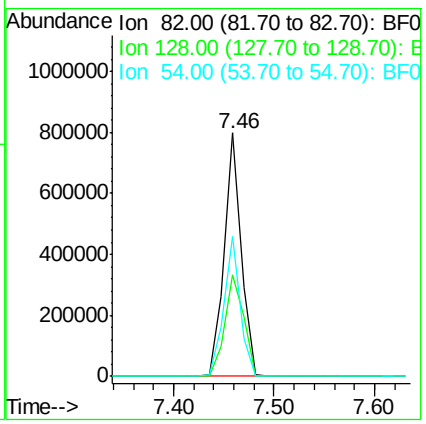


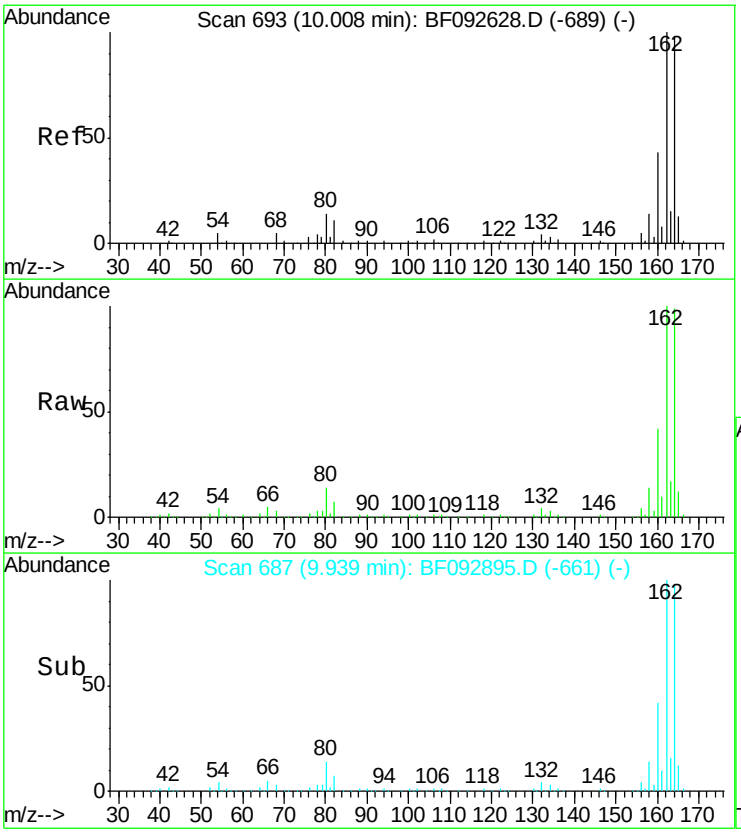
#23
Nitrobenzene-d5
Concen: 81.52 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion: 82 Resp: 939229

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	57.3	39.5	59.3

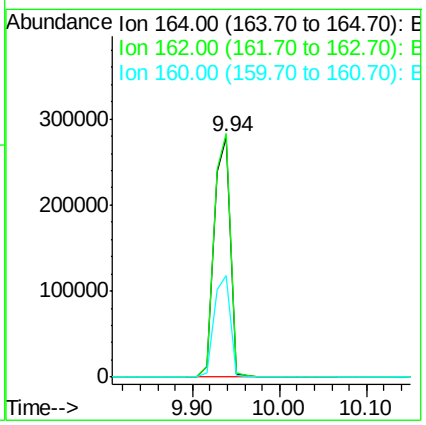


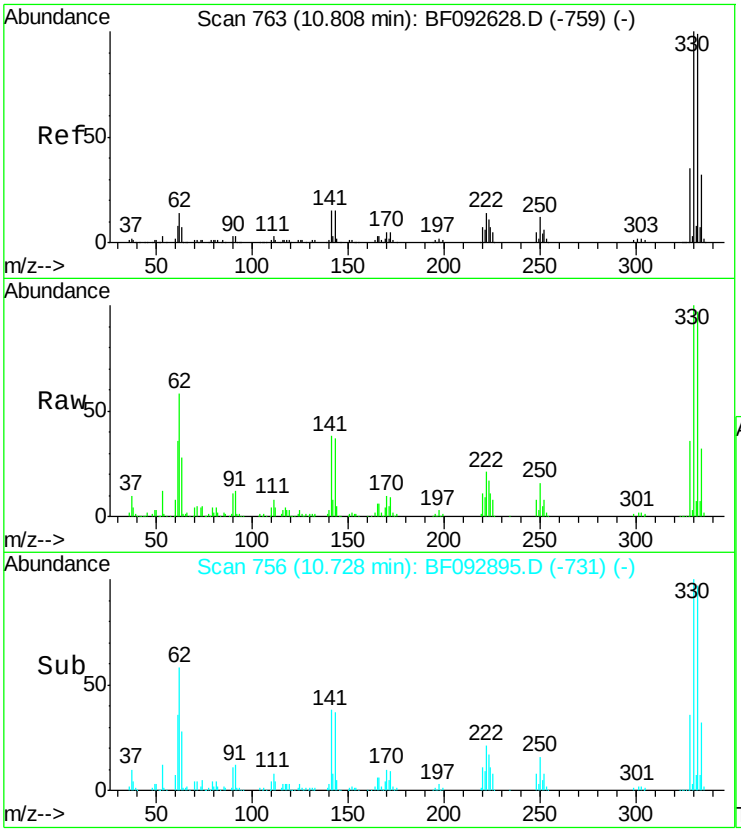


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Tgt Ion:164 Resp: 368755

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.2
160	42.2	36.9	55.3



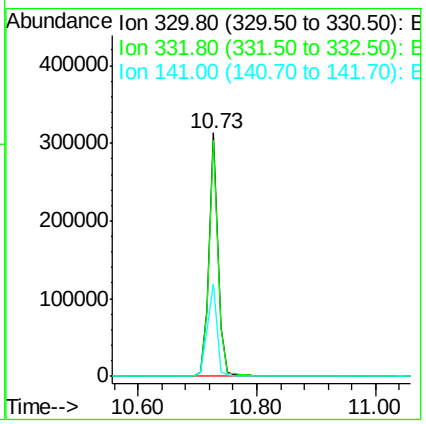


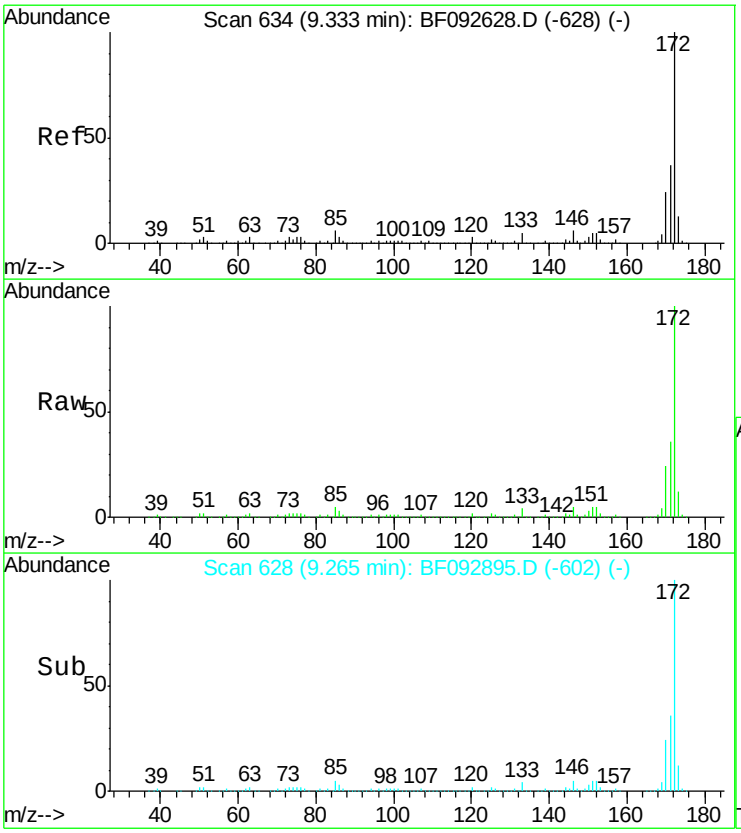
#41
2,4,6-Tribromophenol
Concen: 124.95 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:330 Resp: 333246

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	40.7	34.1	51.1

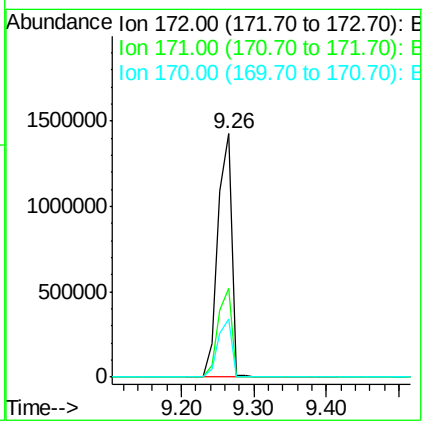


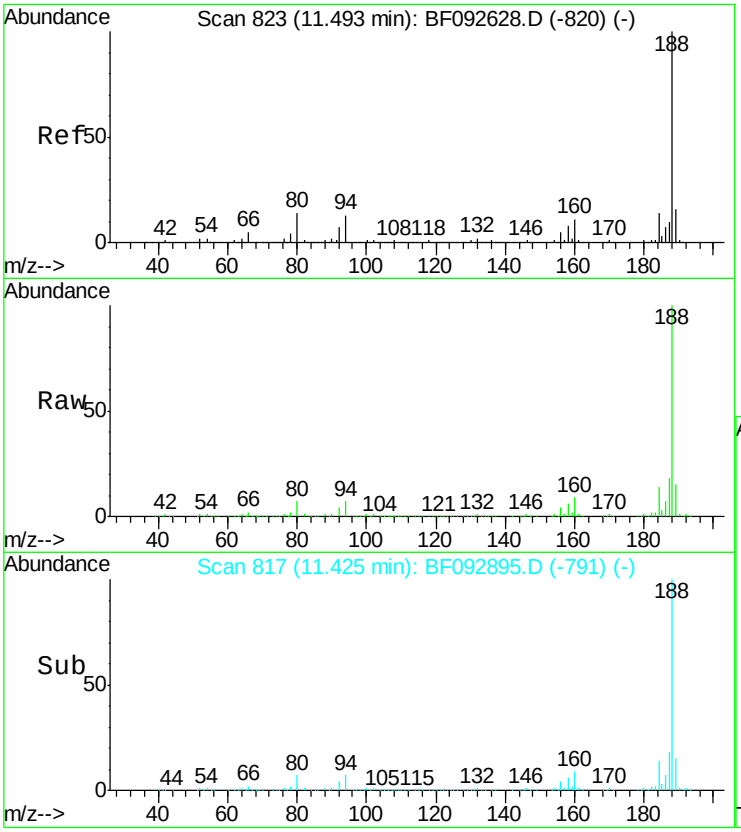


#44
2-Fluorobiphenyl
Concen: 93.19 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Tgt Ion:172 Resp: 1896803

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.0	20.2	30.4



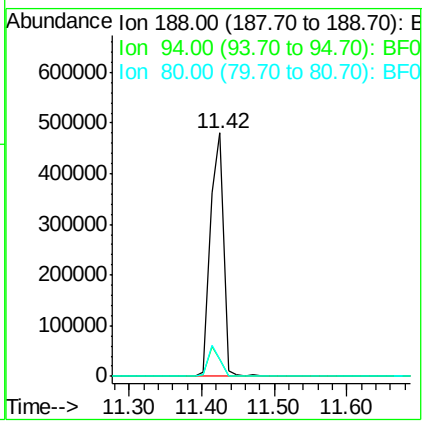


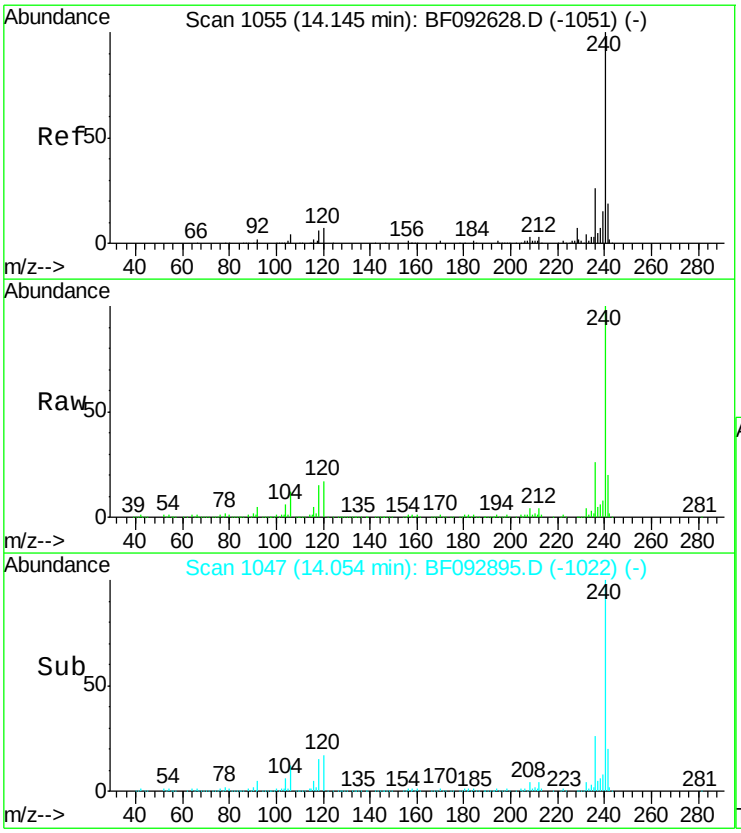
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:188 Resp: 600791

Ion	Ratio	Lower	Upper
188	100		
94	6.7	10.0	15.0#
80	6.9	11.2	16.8#

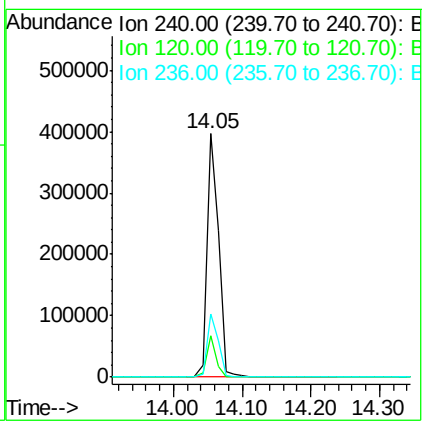


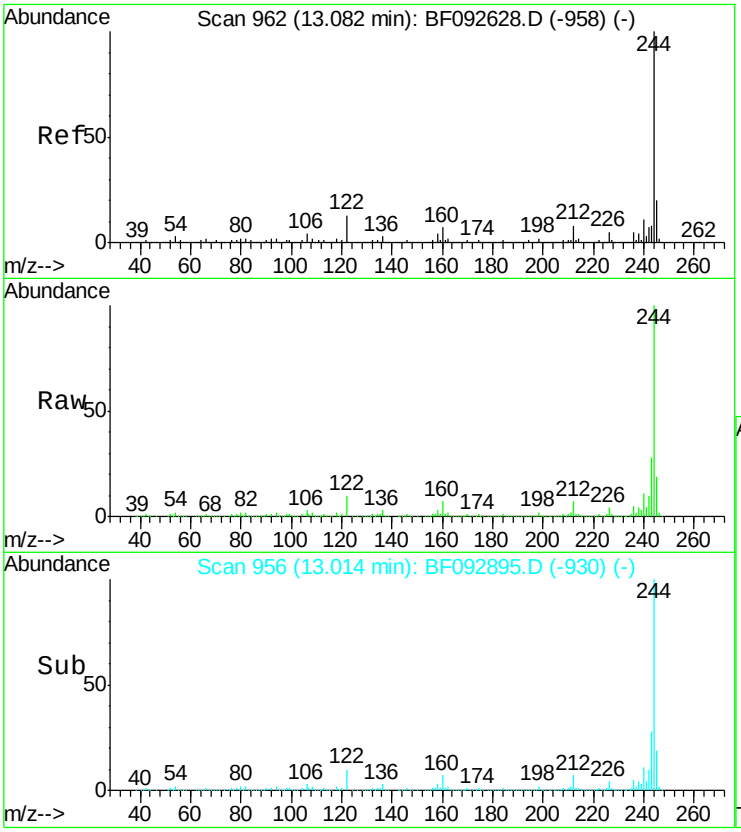


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Tgt Ion:240 Resp: 464702

Ion	Ratio	Lower	Upper
240	100		
120	16.9	12.9	19.3
236	25.8	20.9	31.3



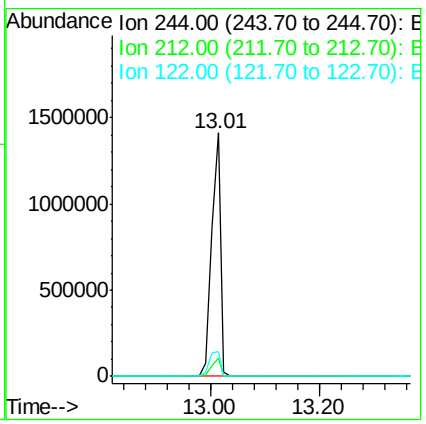


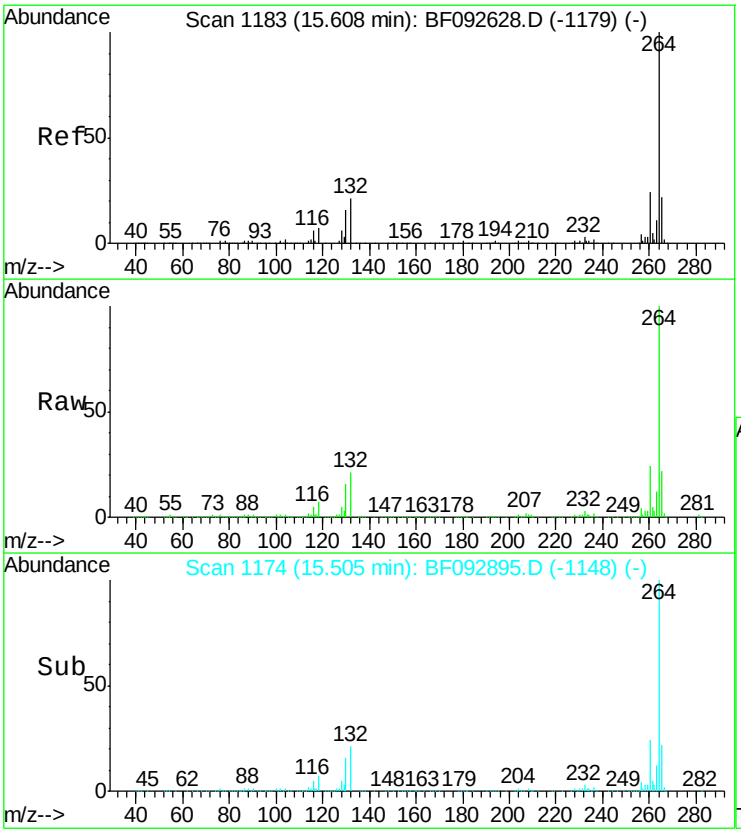
#78
Terphenyl-d14
Concen: 83.35 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:244 Resp: 1648389

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	10.3	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092895.D
Acq: 10 Feb 2017 20:50

Tgt Ion:264 Resp: 372343

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.4	26.0