Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091517.D
Acq On : 8 Dec 2016 22:02
Operator : UM/SJ
Sample : H5886-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-14

Quant Time: Dec 09 00:46:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 00:14:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	146597	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	639317	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	364544	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	692593	20.00	ng	0.00
75) Chrysene-d12	13.97	240	597152	20.00	ng	0.00
86) Perylene-d12	15.39	264	420748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	585231	65.22	ng	0.02
7) Phenol-d6	6.46	99	526647	47.68	ng	0.00
23) Nitrobenzene-d5	7.38	82	637085	55.85	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	339350	98.33	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1188738	59.04	ng	-0.01
78) Terphenyl-d14	12.93	244	1722530	62.70	ng	0.00

Target Compounds	Qvalue

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

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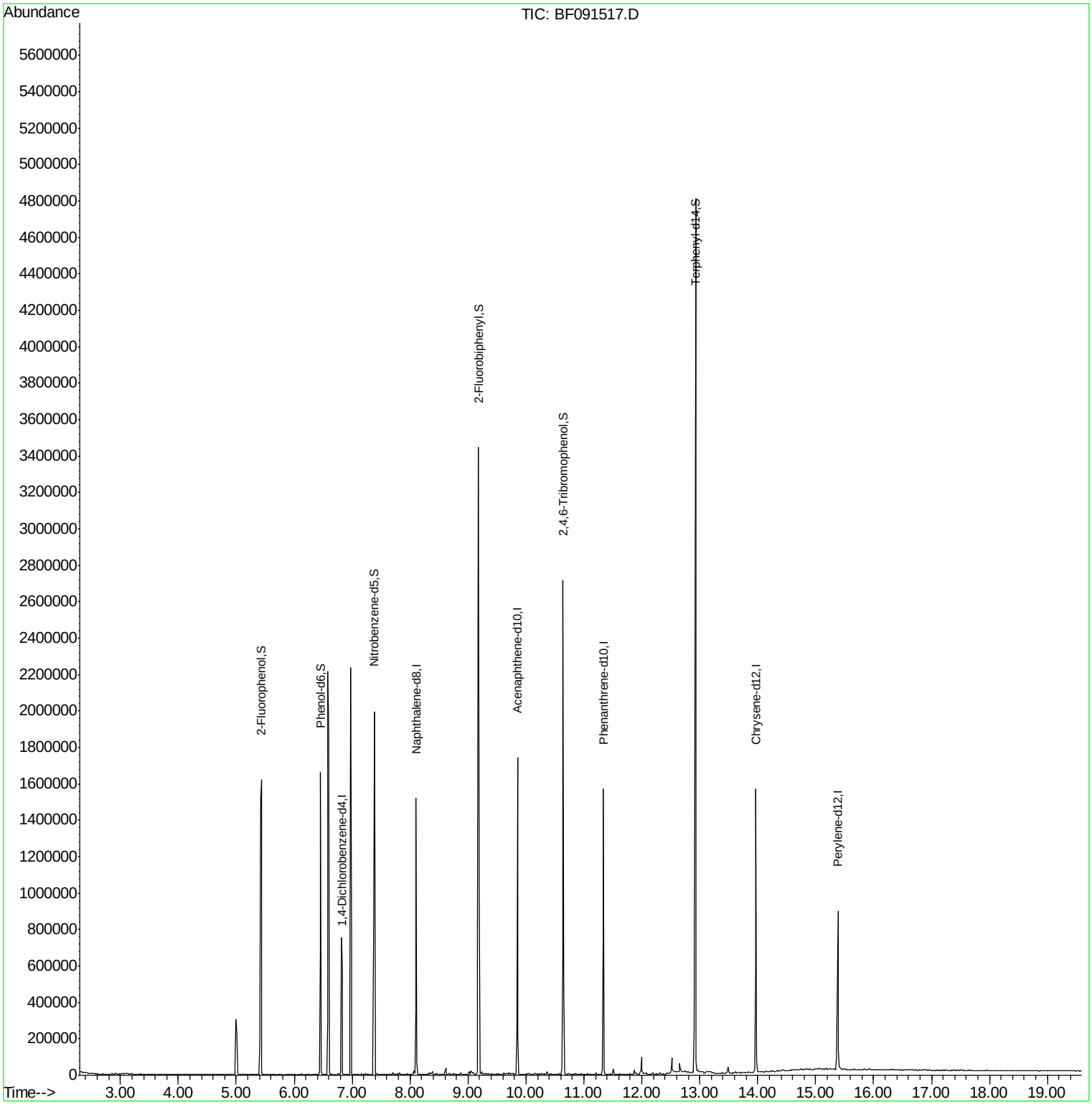
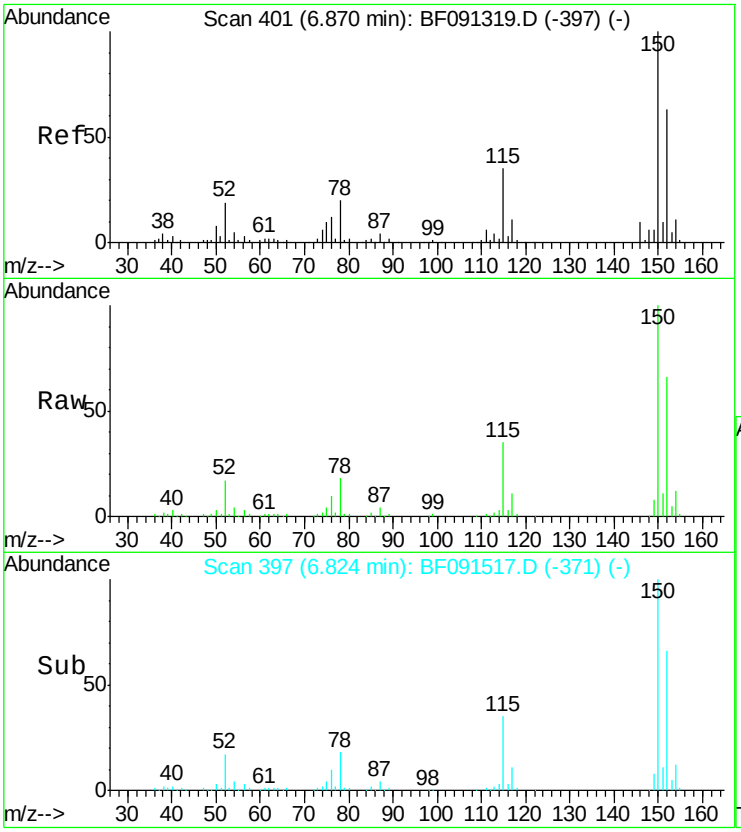


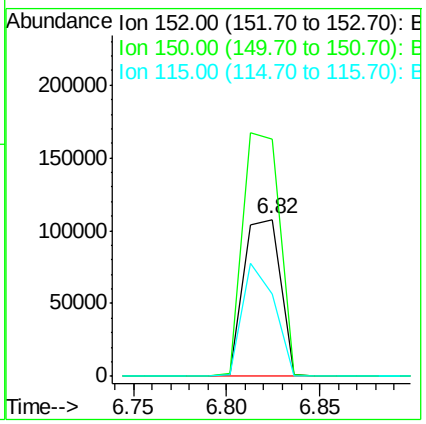


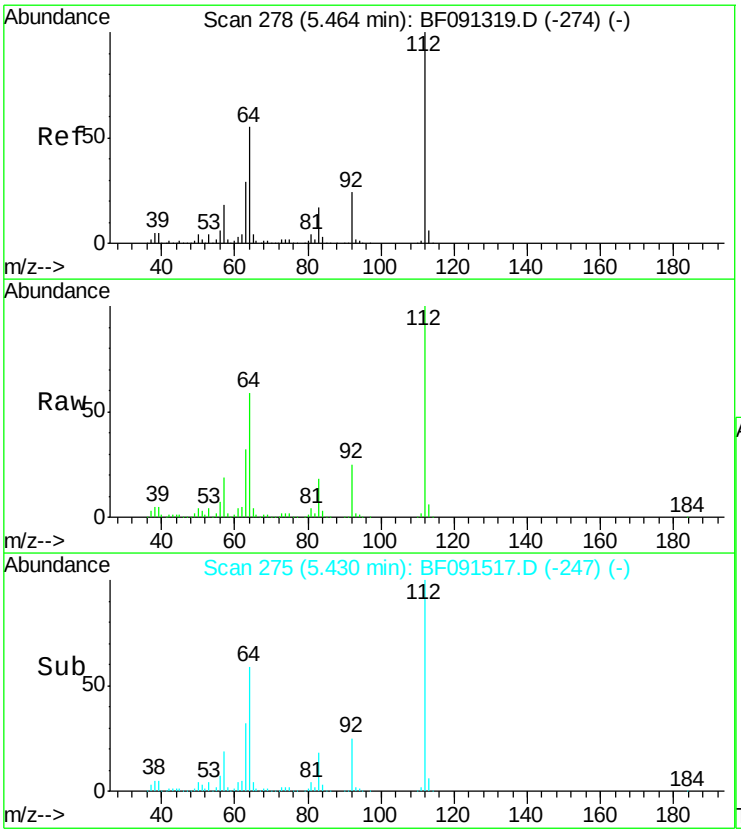
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Instrument :
BNA_F
ClientSampleId :
URSMW-14

Tgt Ion:152 Resp: 146597

Ion	Ratio	Lower	Upper
152	100		
150	151.2	122.5	183.7
115	52.2	51.8	77.8

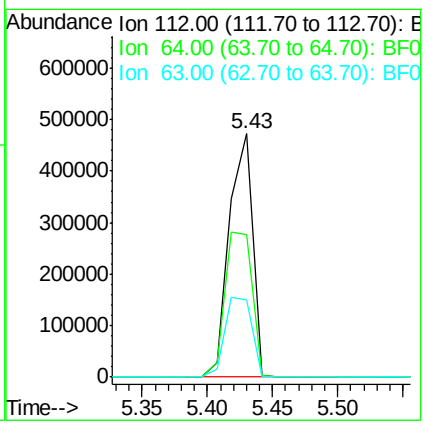


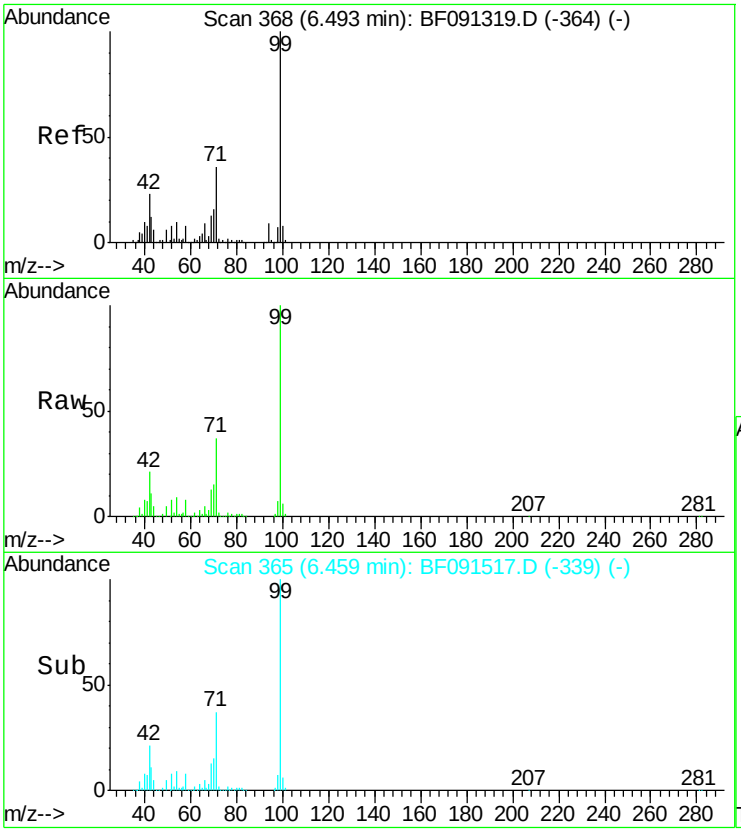


#5
2-Fluorophenol
Concen: 65.22 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Tgt Ion:112 Resp: 585231

Ion	Ratio	Lower	Upper
112	100		
64	58.6	61.5	92.3#
63	31.9	33.3	49.9#



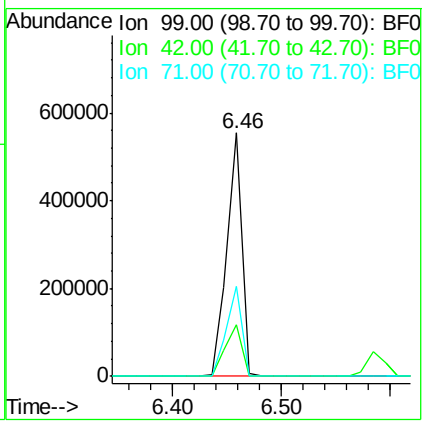


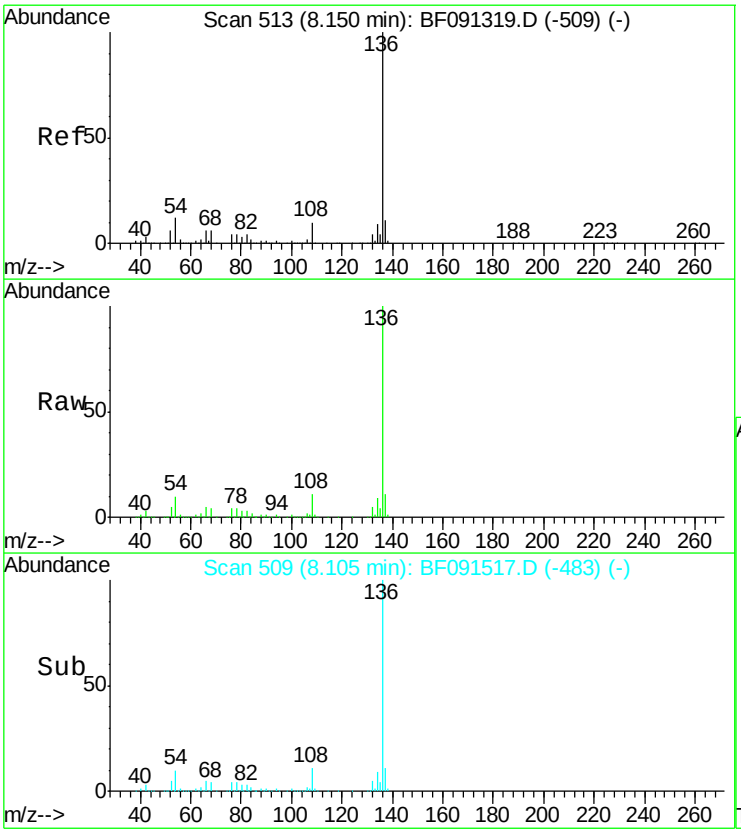
#7
Phenol-d6
Concen: 47.68 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Instrument :
BNA_F
ClientSampleId :
URSMW-14

Tgt Ion: 99 Resp: 526647

Ion	Ratio	Lower	Upper
99	100		
42	21.3	20.6	31.0
71	36.9	29.9	44.9

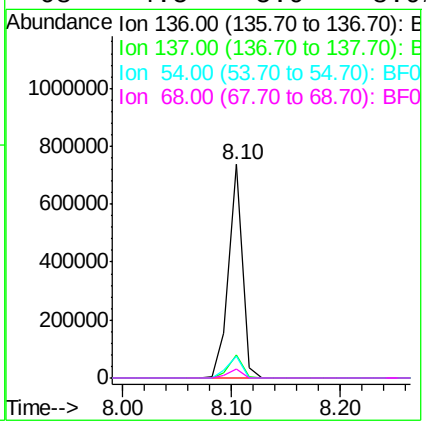


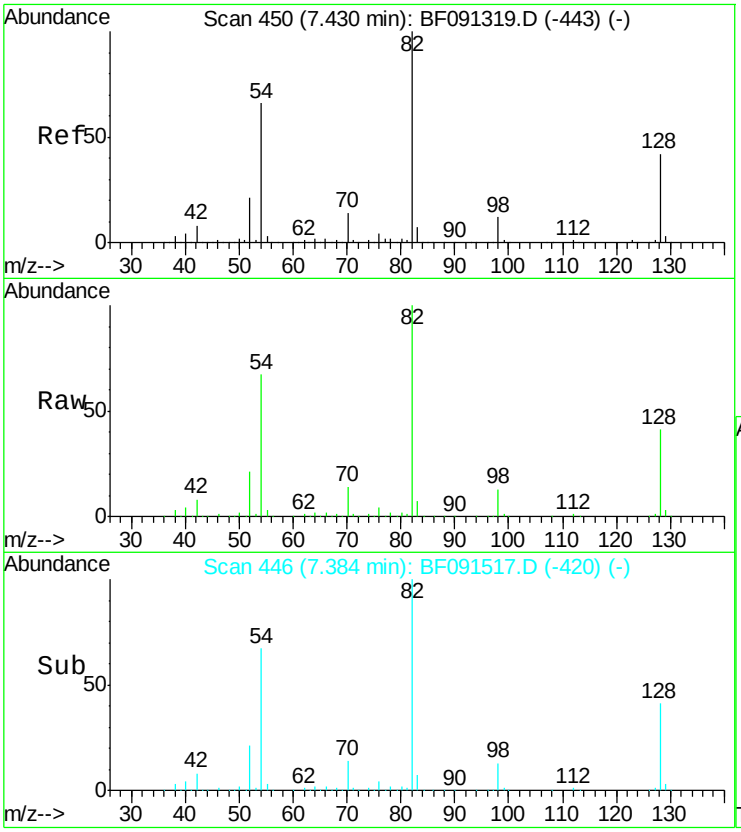


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Tgt Ion:136 Resp: 639317

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.5	9.1	13.7
68	4.5	5.9	8.9#



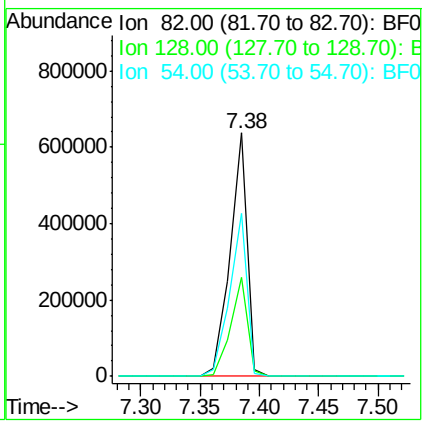


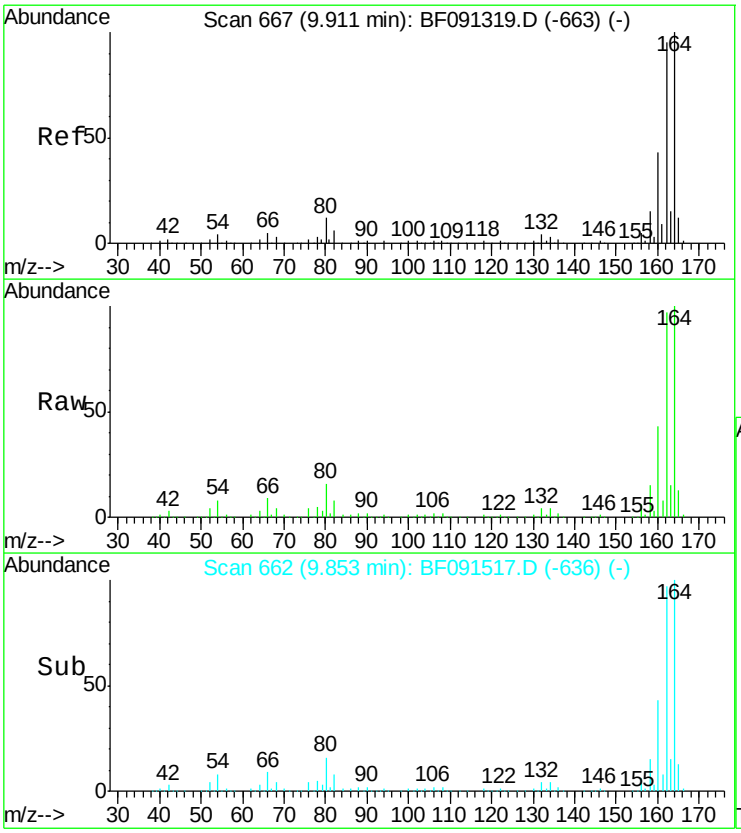
#23
Nitrobenzene-d5
Concen: 55.85 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Instrument :
BNA_F
ClientSampleId :
URSMW-14

Tgt Ion: 82 Resp: 637085

Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.8	47.6
54	67.2	49.1	73.7

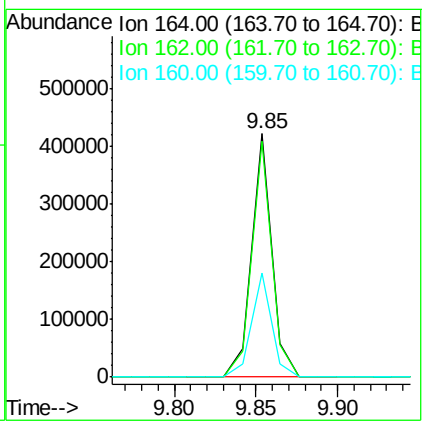


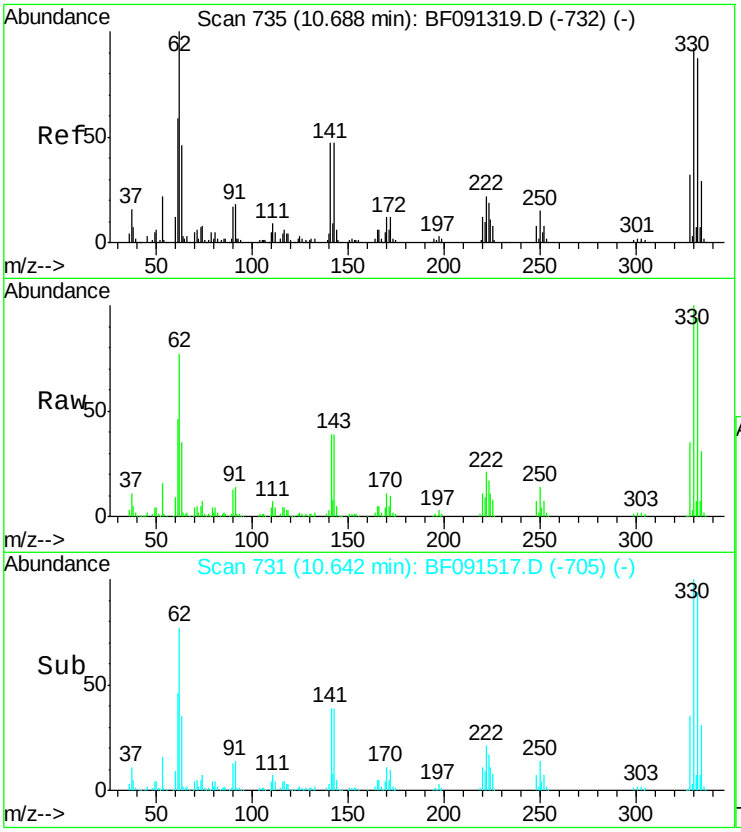


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Tgt Ion:164 Resp: 364544

Ion	Ratio	Lower	Upper
164	100		
162	96.9	82.6	124.0
160	42.9	36.7	55.1



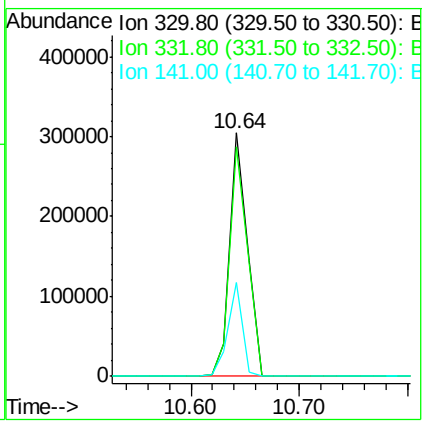


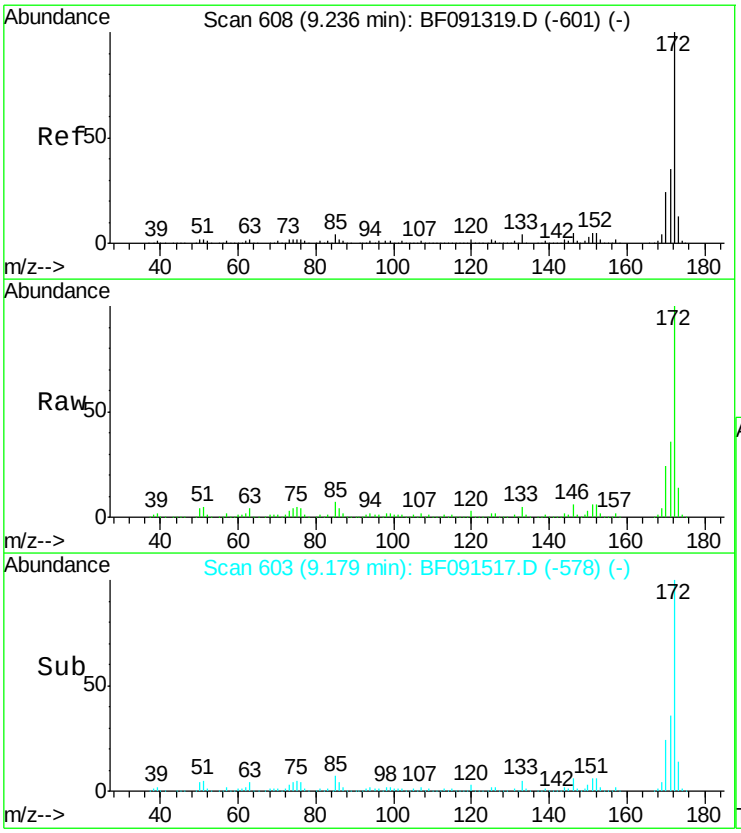
#41
2,4,6-Tribromophenol
Concen: 98.33 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Instrument :
BNA_F
ClientSampleId :
URSMW-14

Tgt Ion:330 Resp: 339350

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	31.4	33.6	50.4#

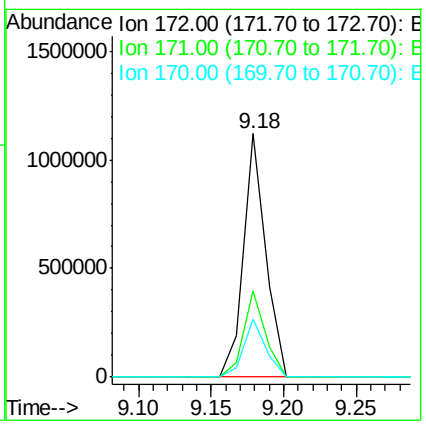


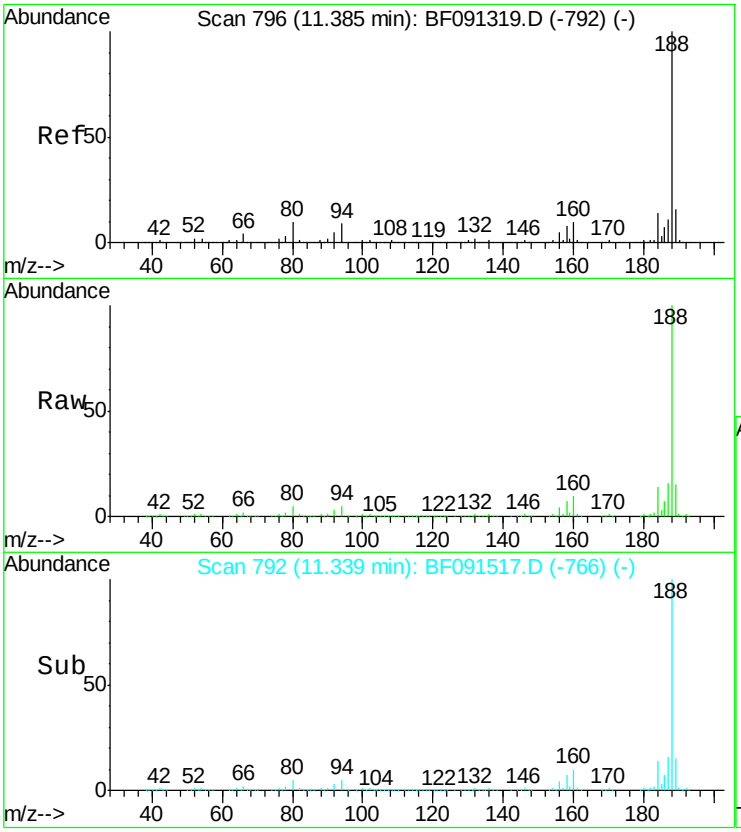


#44
2-Fluorobiphenyl
Concen: 59.04 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Tgt Ion:172 Resp: 1188738

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.6	19.7	29.5



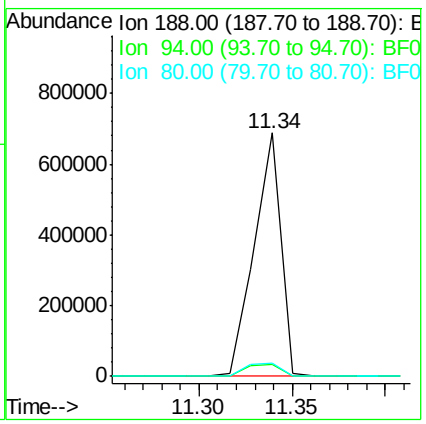


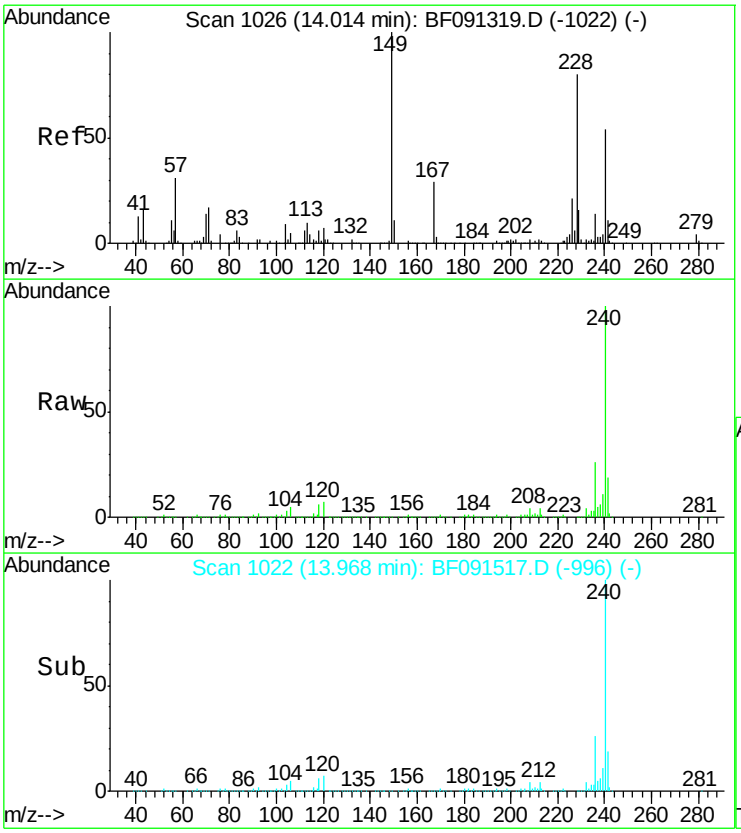
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Instrument :
BNA_F
ClientSampleId :
URSMW-14

Tgt Ion:188 Resp: 692593

Ion	Ratio	Lower	Upper
188	100		
94	5.1	9.2	13.8#
80	5.2	10.5	15.7#

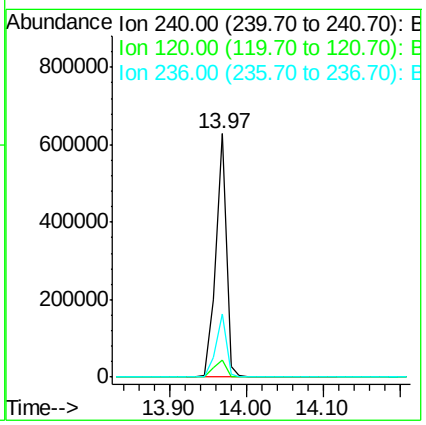


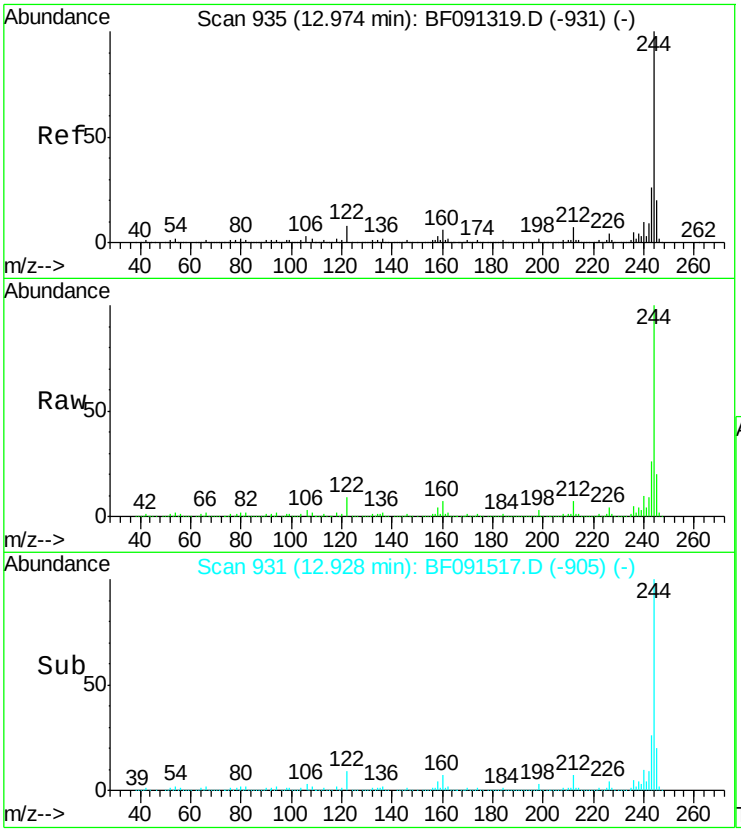


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Tgt Ion:240 Resp: 597152

Ion	Ratio	Lower	Upper
240	100		
120	6.8	12.1	18.1#
236	25.7	21.0	31.6



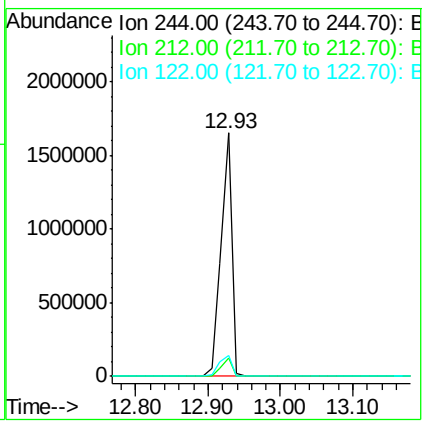


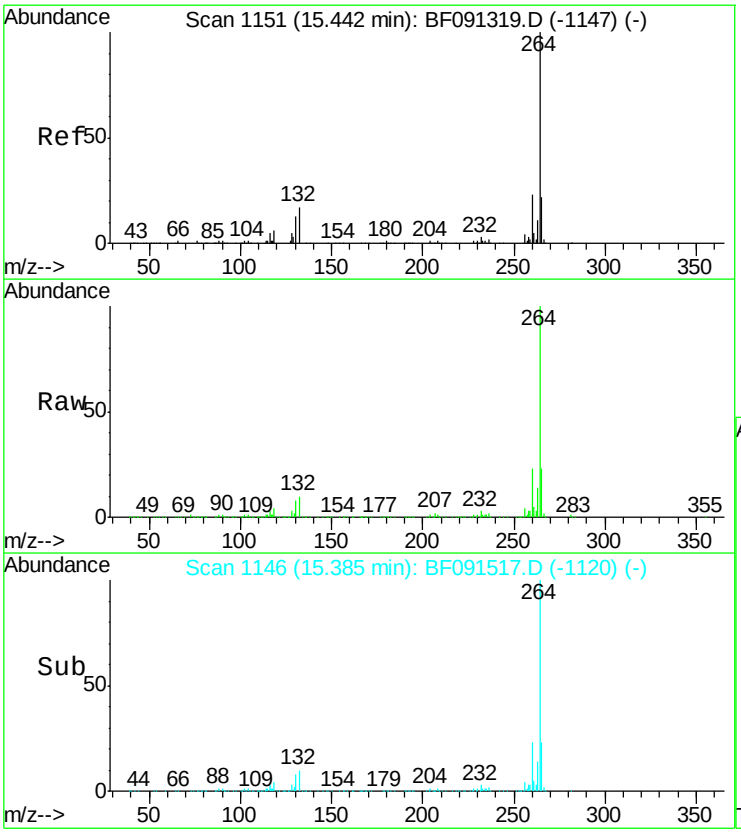
#78
Terphenyl-d14
Concen: 62.70 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Instrument :
BNA_F
ClientSampleId :
URSMW-14

Tgt Ion:244 Resp: 1722530

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	8.6	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF091517.D
Acq: 8 Dec 2016 22:02

Tgt Ion:264 Resp: 420748

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	22.6	17.0	25.6