Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
Data File : BF092002.D
Acq On : 28 Dec 2016 18:52
Operator : UM/SJ
Sample : H6245-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Time: Dec 29 01:22:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	206105	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	789398	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	405550	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	617778	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	458009	20.00	ng	-0.01
86) Perylene-d12	15.24	264	335425	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	856026	69.35	ng	0.00
7) Phenol-d6	6.36	99	641996	42.60	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1417480	99.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	425995	126.93	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1874988	96.47	ng	-0.01
78) Terphenyl-d14	12.82	244	1968338	104.23	ng	0.00
Target Compounds						Qvalue

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

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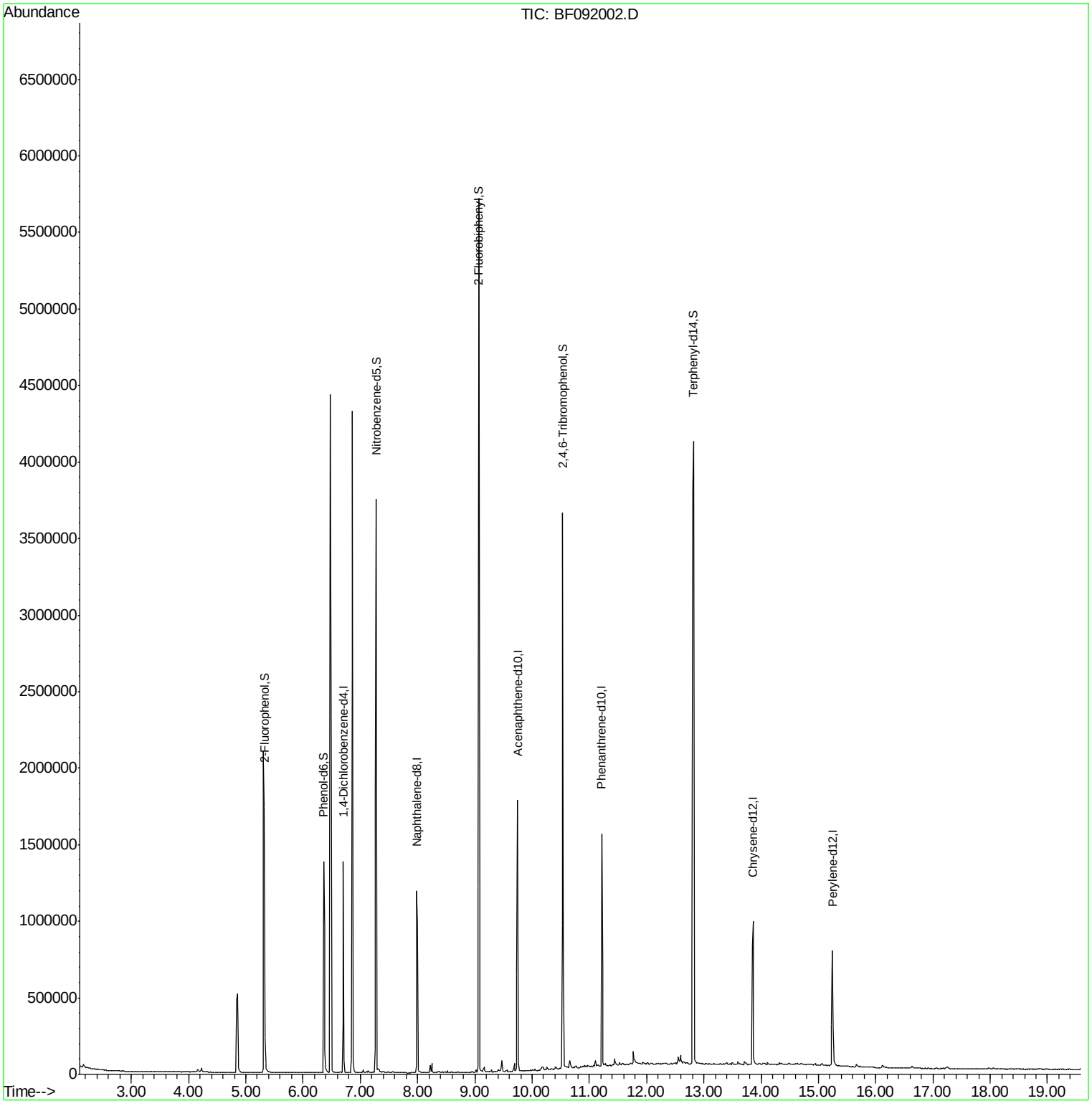
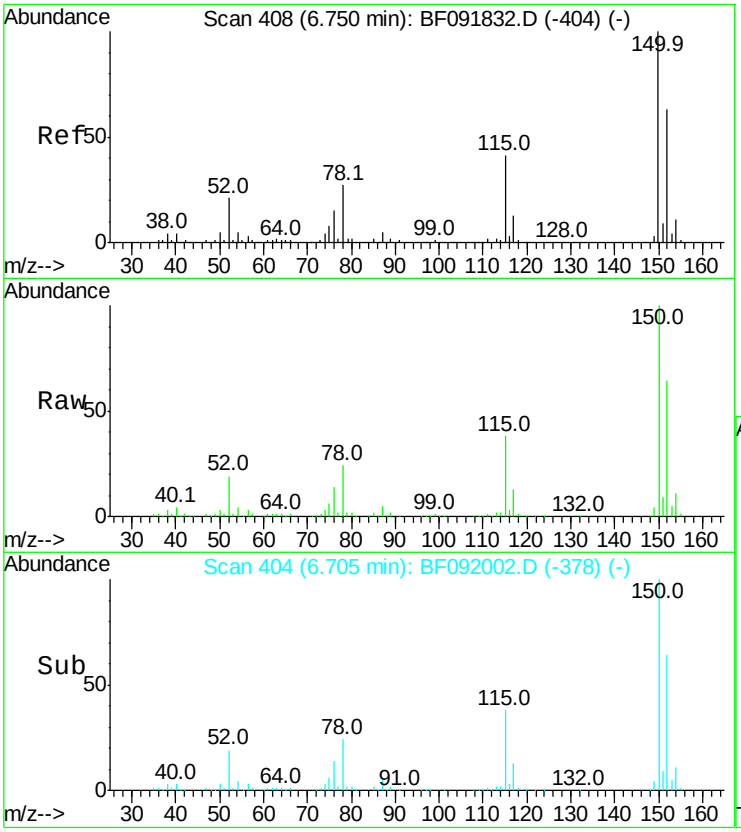


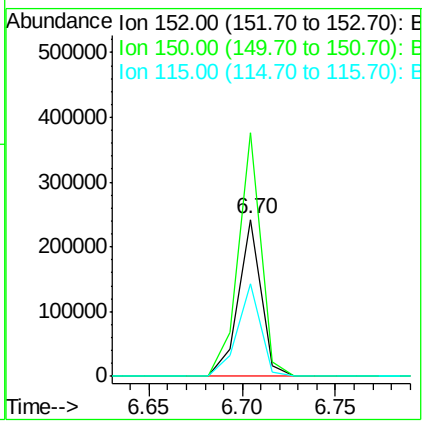


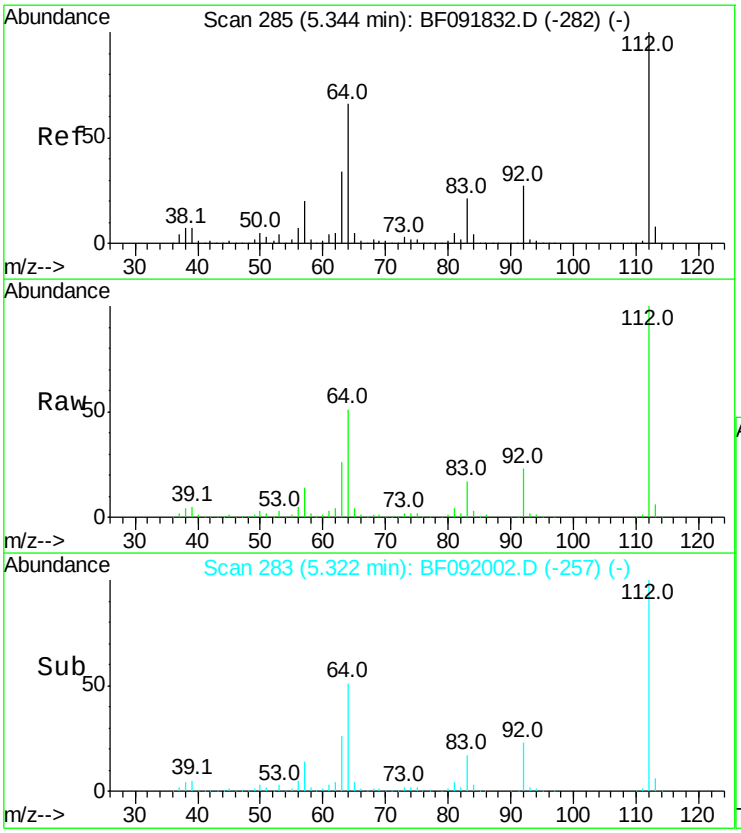
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 206105

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	59.2	46.0	69.0

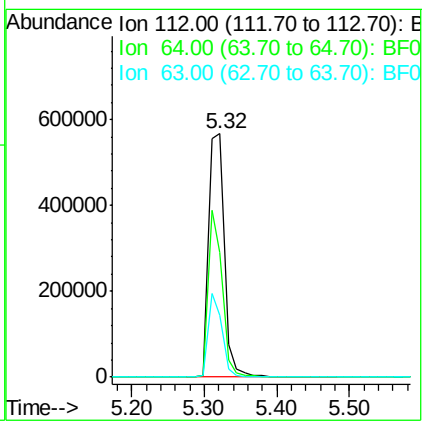


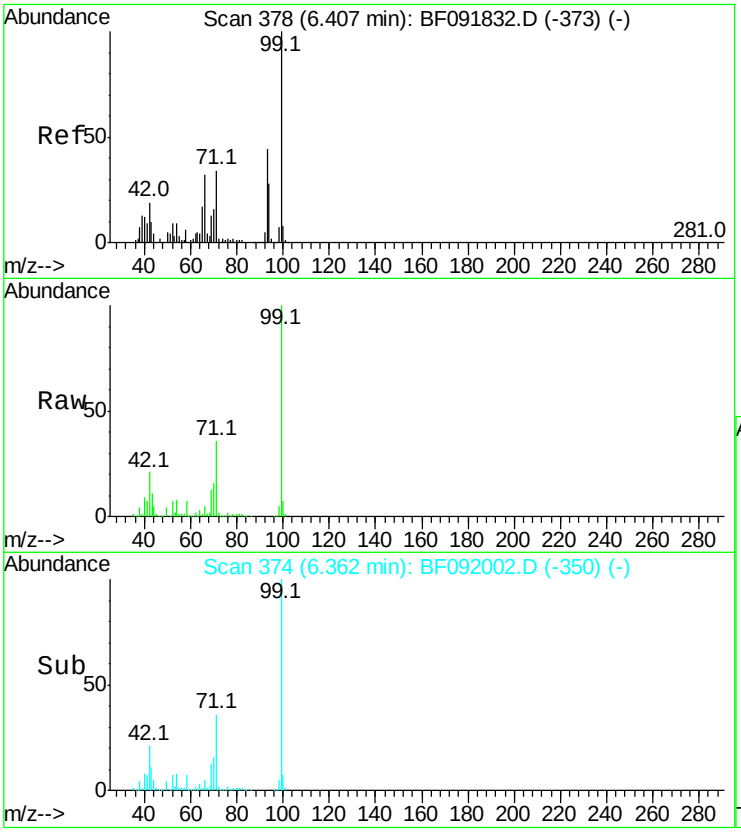


#5
2-Fluorophenol
Concen: 69.35 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.00 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

Tgt Ion:112 Resp: 856026

Ion	Ratio	Lower	Upper
112	100		
64	51.3	46.1	69.1
63	25.6	23.8	35.6



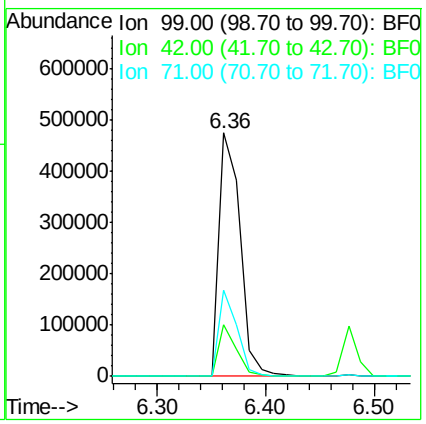


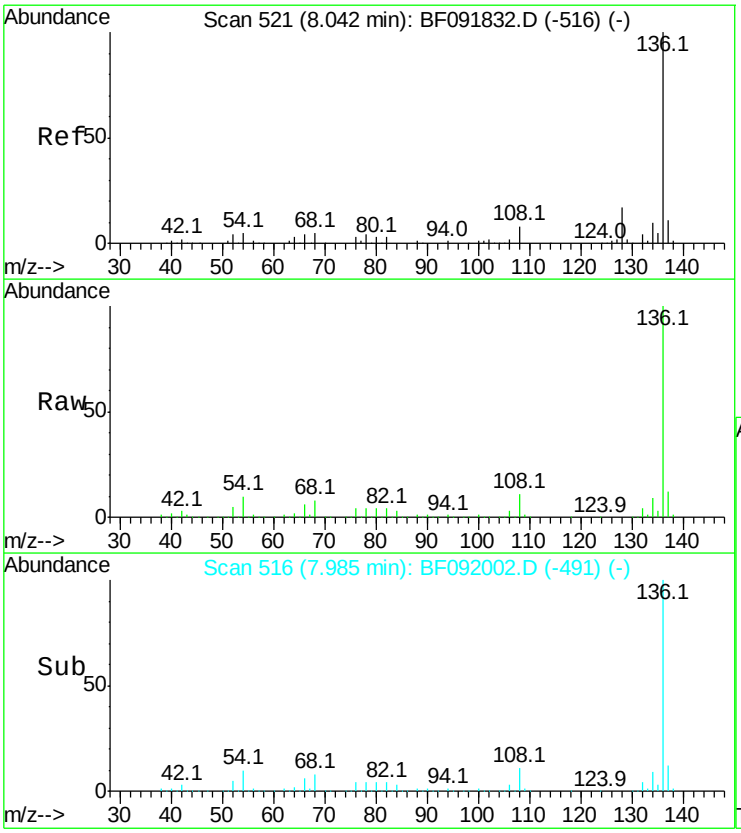
#7
Phenol-d6
Concen: 42.60 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.02 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 99 Resp: 641996

Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.6	23.4
71	35.6	27.5	41.3

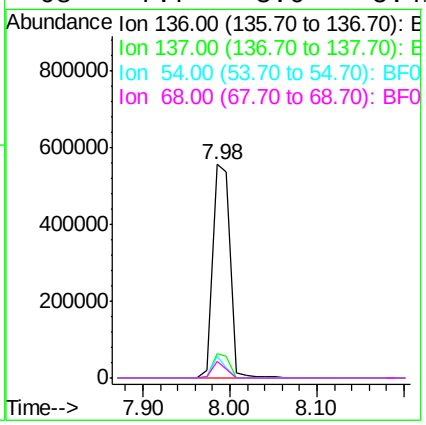


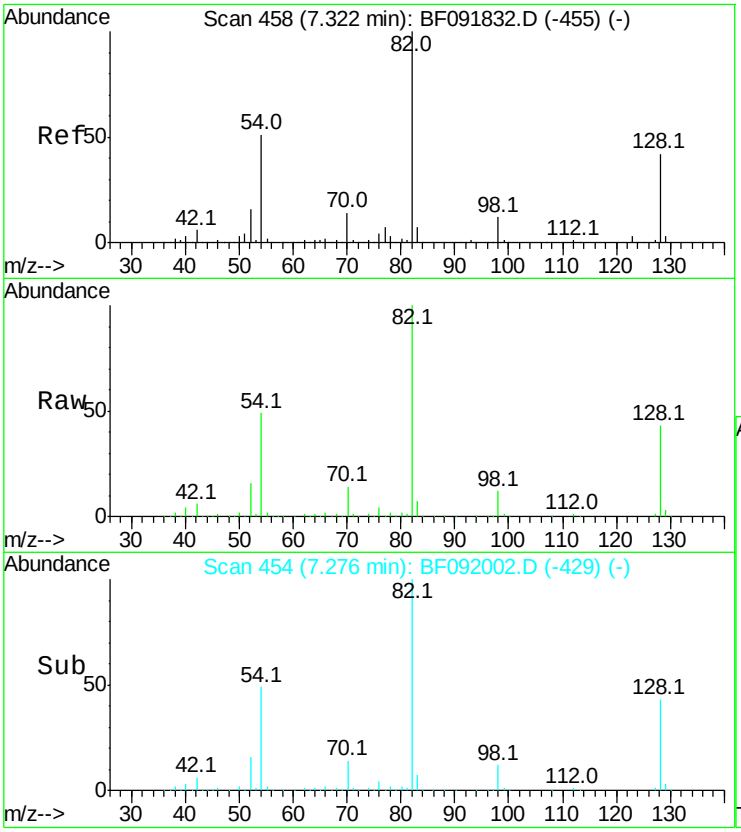


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

Tgt Ion:136 Resp: 789398

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	10.3	4.5	6.7#
68	7.7	3.6	5.4#



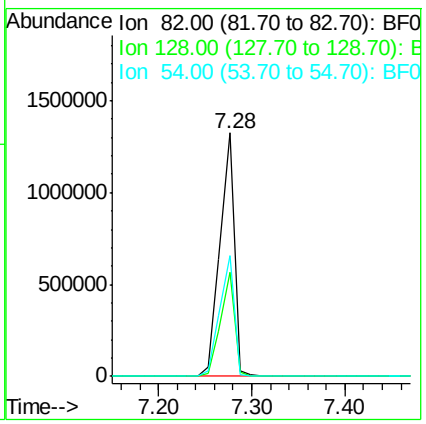


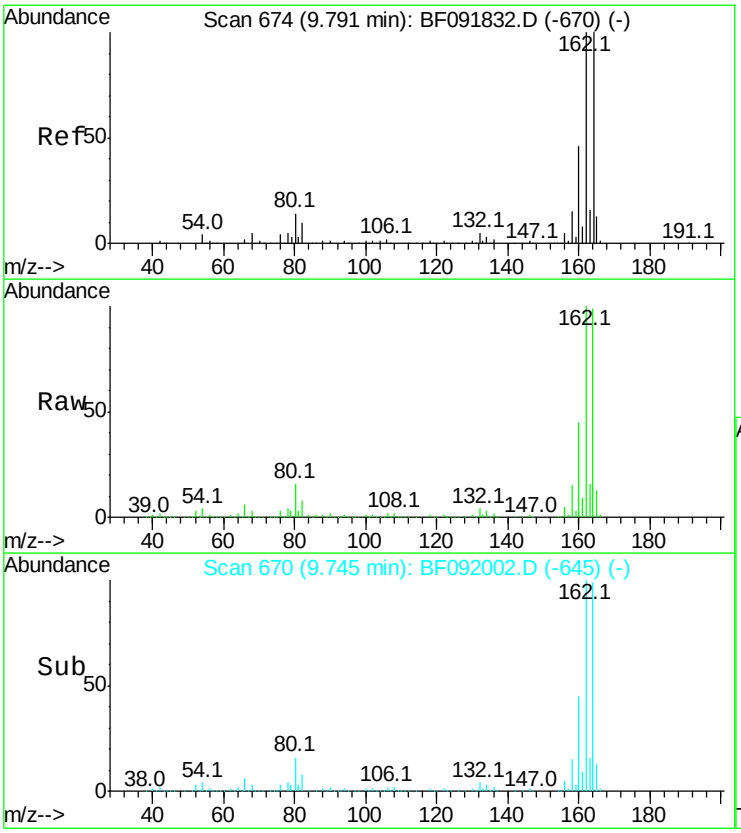
#23
Nitrobenzene-d5
Concen: 99.85 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 82 Resp: 1417480

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	49.4	39.5	59.3

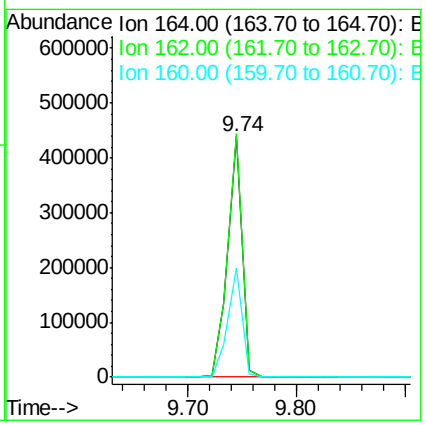


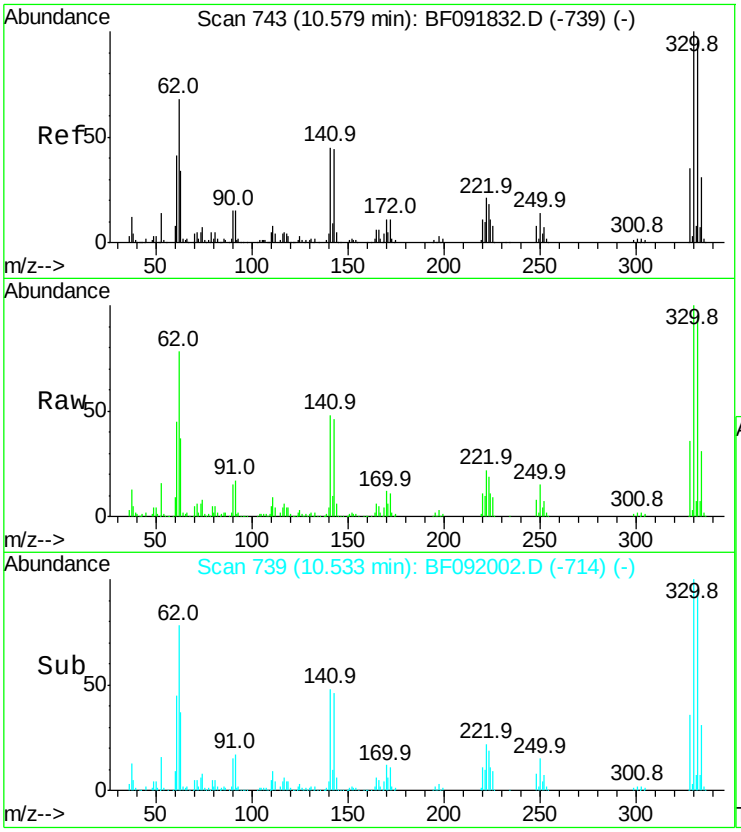


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

Tgt Ion:164 Resp: 405550

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	45.2	36.9	55.3



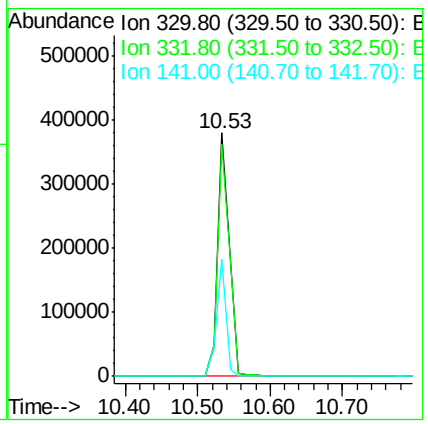


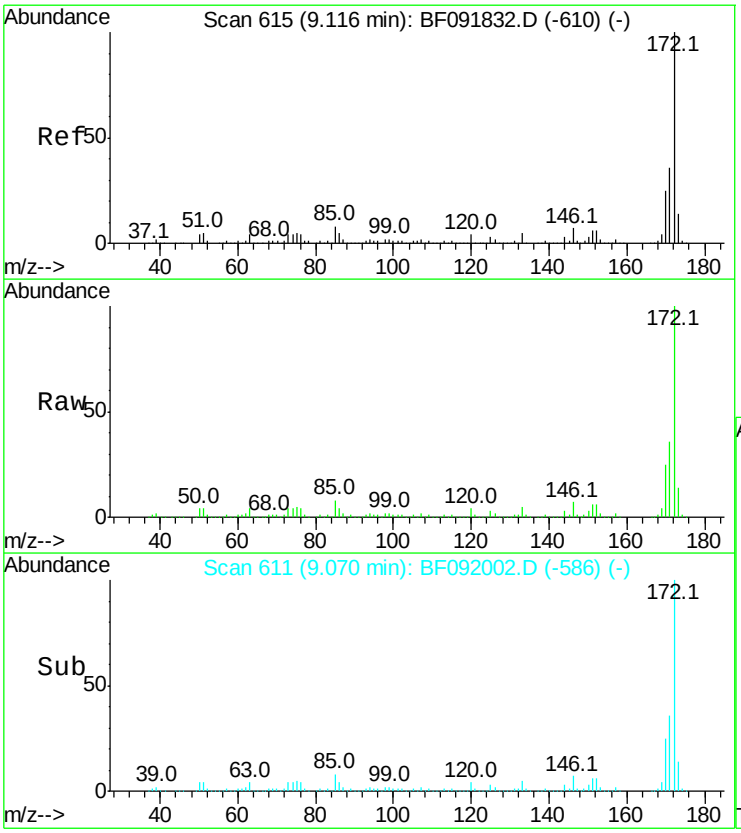
#41
2,4,6-Tribromophenol
Concen: 126.93 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:330 Resp: 425995

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	40.2	34.1	51.1

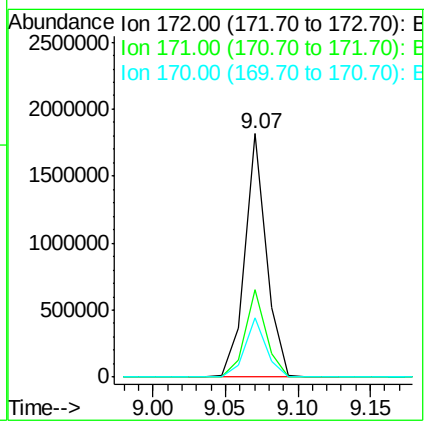


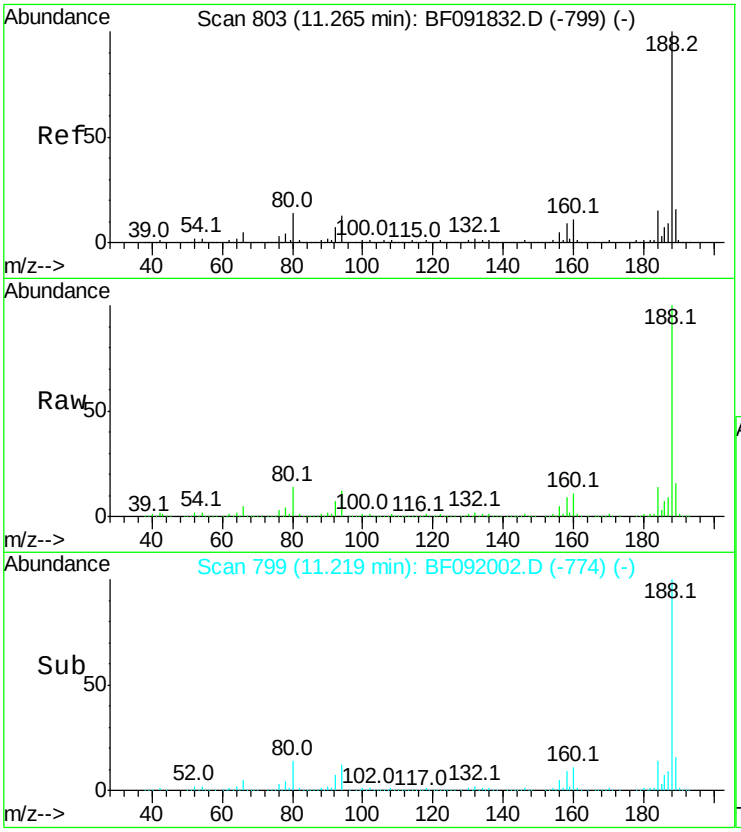


#44
2-Fluorobiphenyl
Concen: 96.47 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

Tgt Ion:172 Resp: 1874988

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.6	20.2	30.4



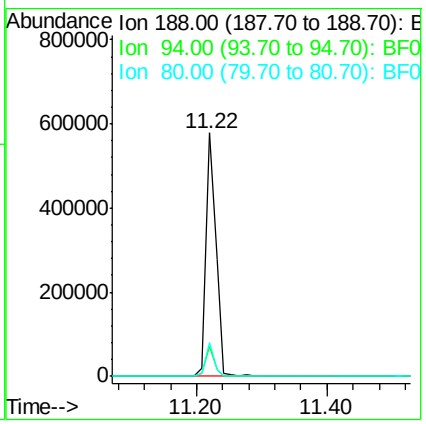


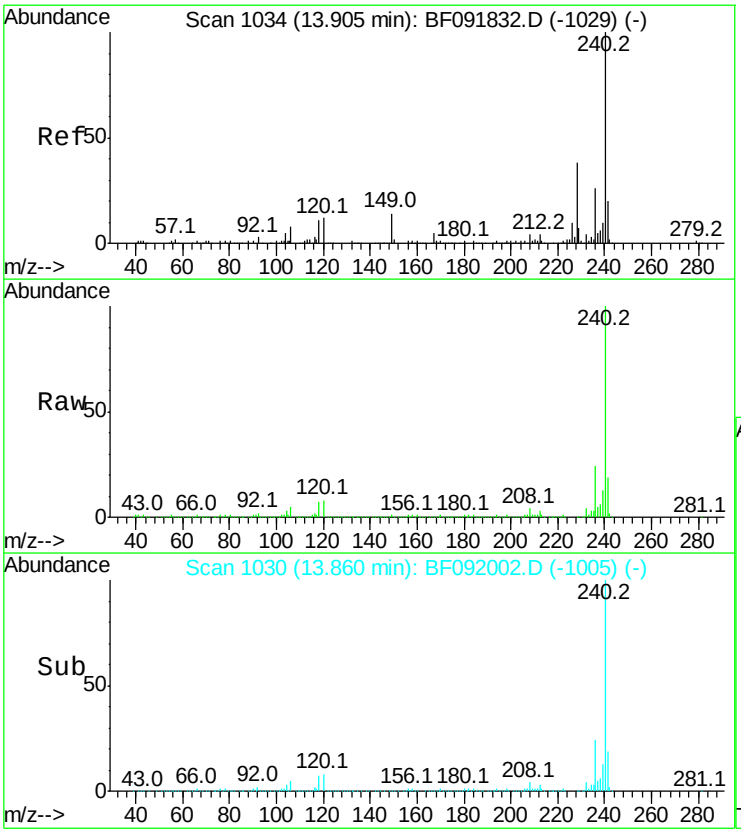
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:188 Resp: 617778

Ion	Ratio	Lower	Upper
188	100		
94	12.4	10.0	15.0
80	13.7	11.2	16.8

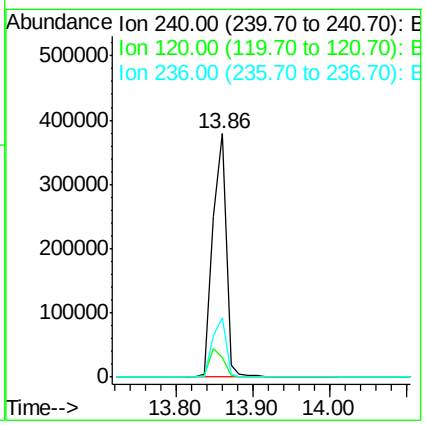


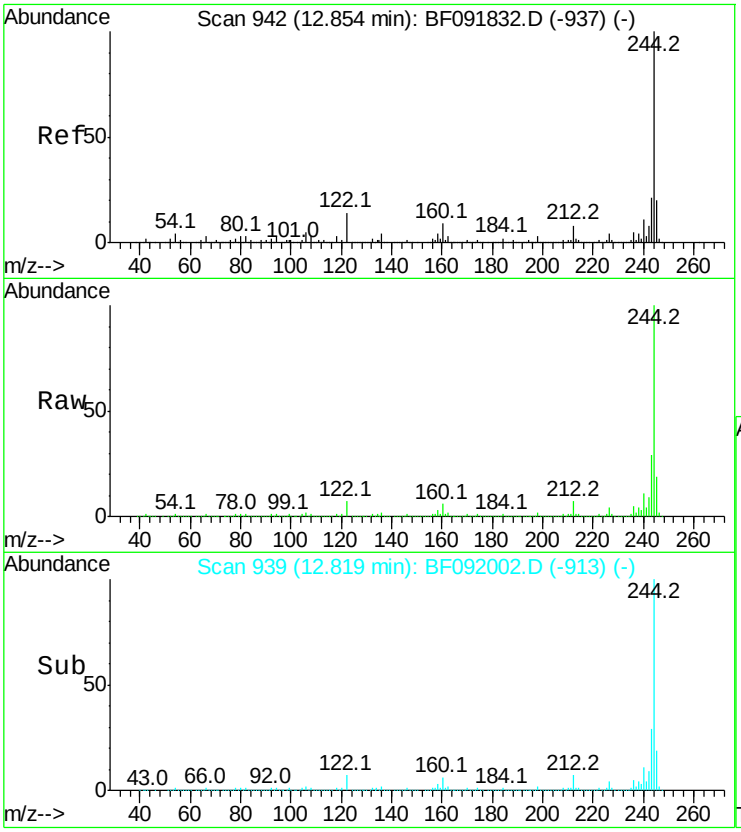


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

Tgt Ion:240 Resp: 458009

Ion	Ratio	Lower	Upper
240	100		
120	8.0	12.9	19.3#
236	24.3	20.9	31.3



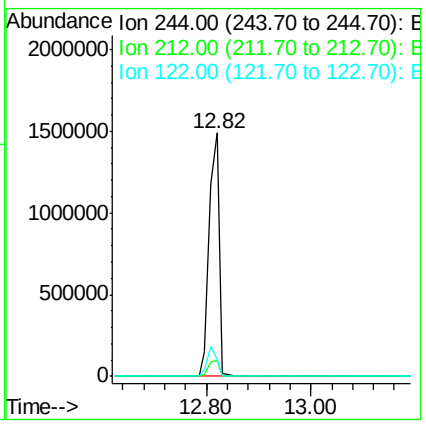


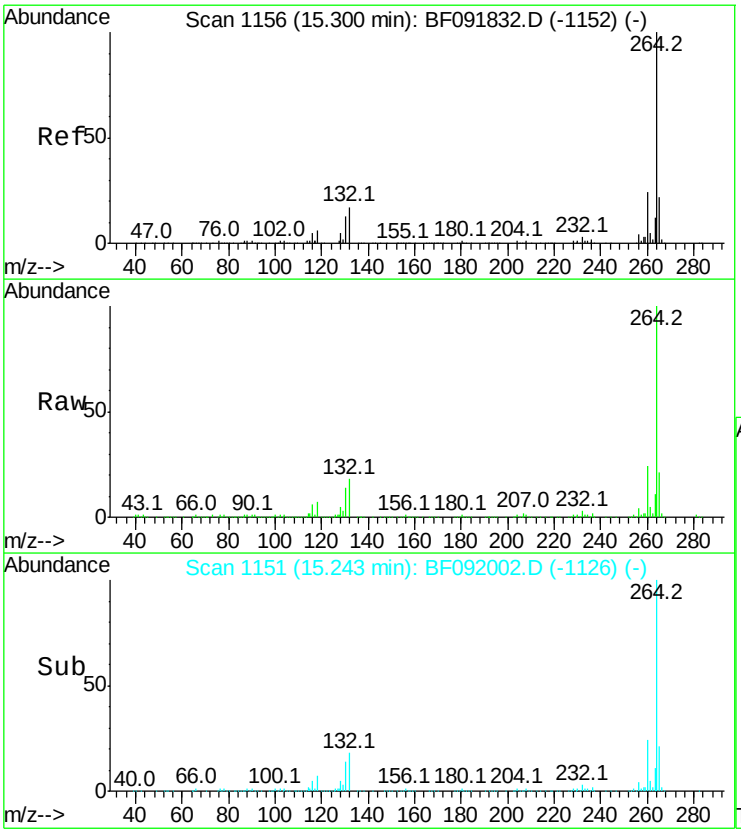
#78
Terphenyl-d14
Concen: 104.23 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:244 Resp: 1968338

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	6.9	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

Tgt Ion:264 Resp: 335425

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.4	26.0