Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111120.D
Acq On : 5 Dec 2018 21:16
Operator : JU/SJ
Sample : J6134-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Time: Dec 06 02:50:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	623239	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2337362	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1056227	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1545677	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1164646	20.00	ng	0.00
87) Perylene-d12	15.39	264	816489	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1717624	43.01	ng	0.00
7) Phenol-d6	6.42	99	1391189	27.04	ng	-0.01
23) Nitrobenzene-d5	7.36	82	2915378	73.84	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	754485	89.86	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4259292	72.54	ng	0.00
79) Terphenyl-d14	12.91	244	3459854	60.84	ng	0.00
Target Compounds						Qvalue

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

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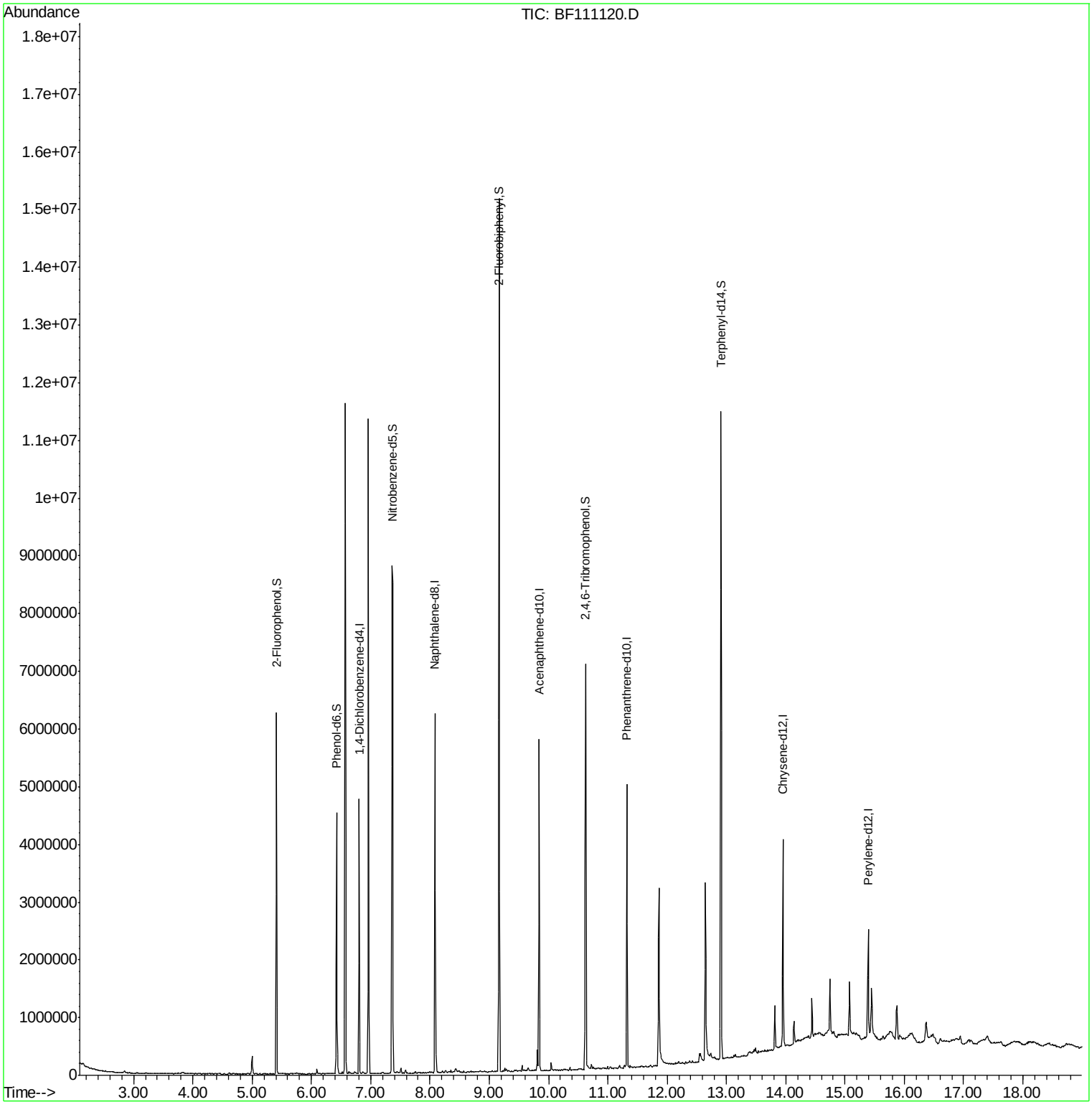
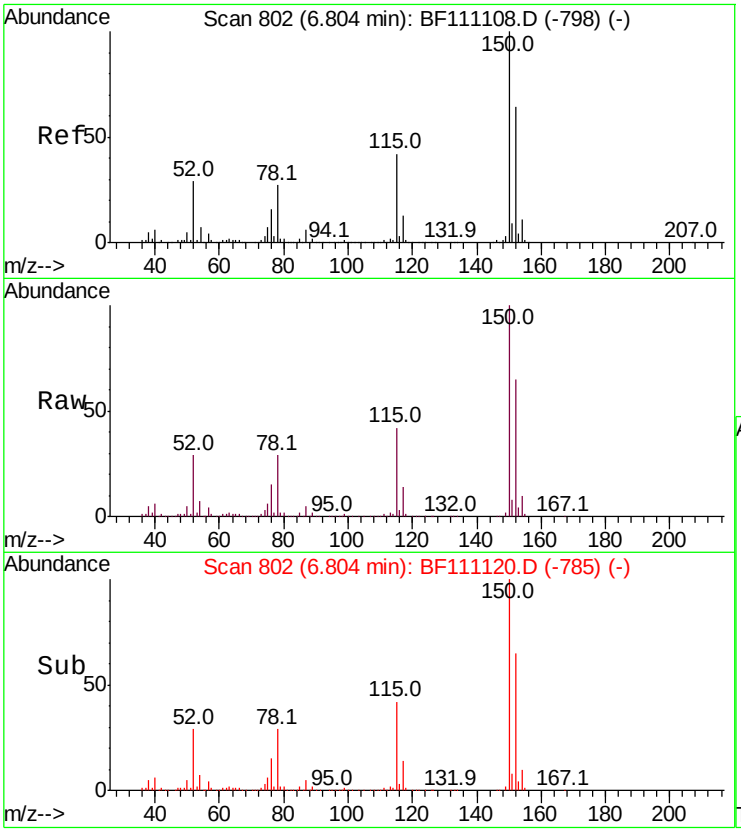


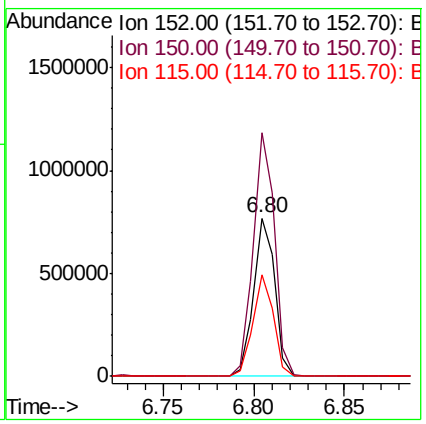


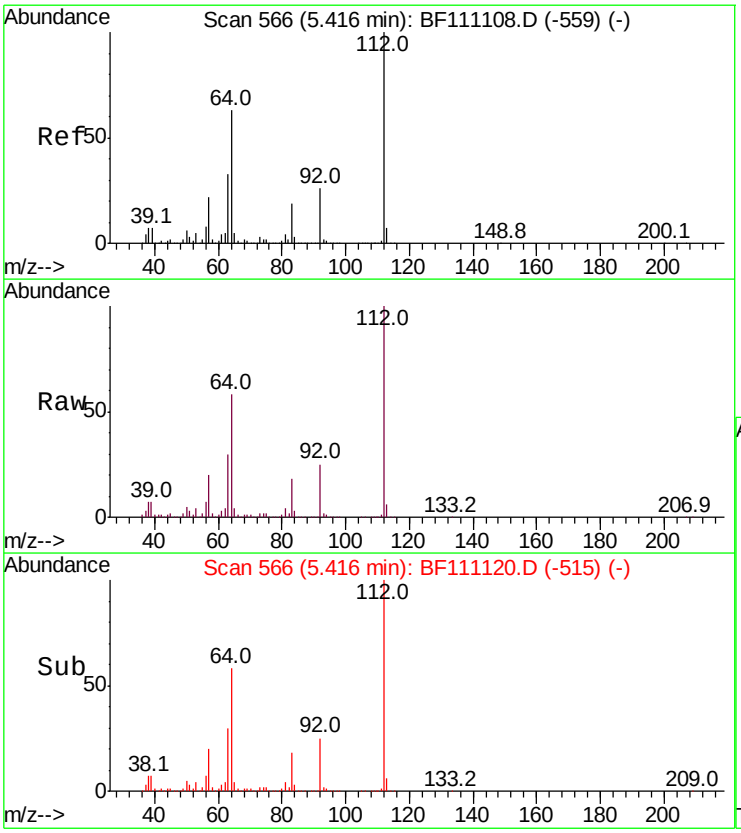
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 623239

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	187.0
115	64.1	52.2	78.2

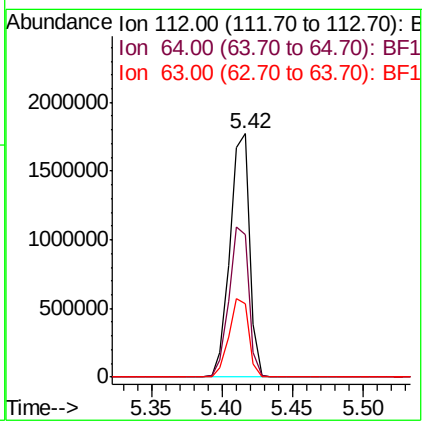


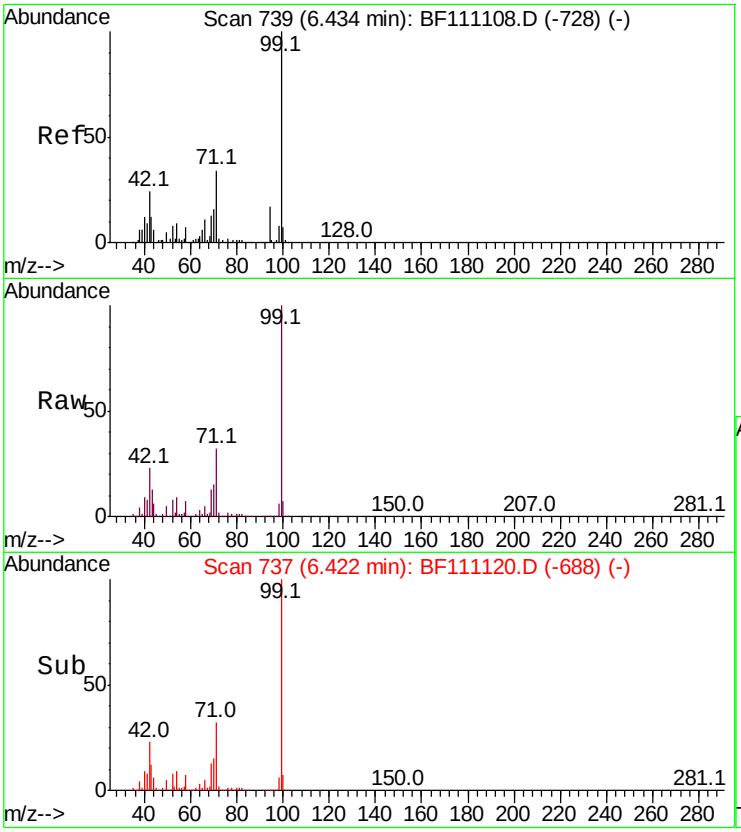


#5
2-Fluorophenol
Concen: 43.006 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Tgt Ion:112 Resp: 1717624

Ion	Ratio	Lower	Upper
112	100		
64	58.3	50.2	75.4
63	30.2	26.6	39.8



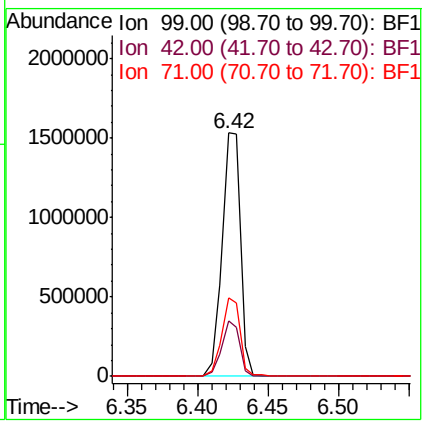


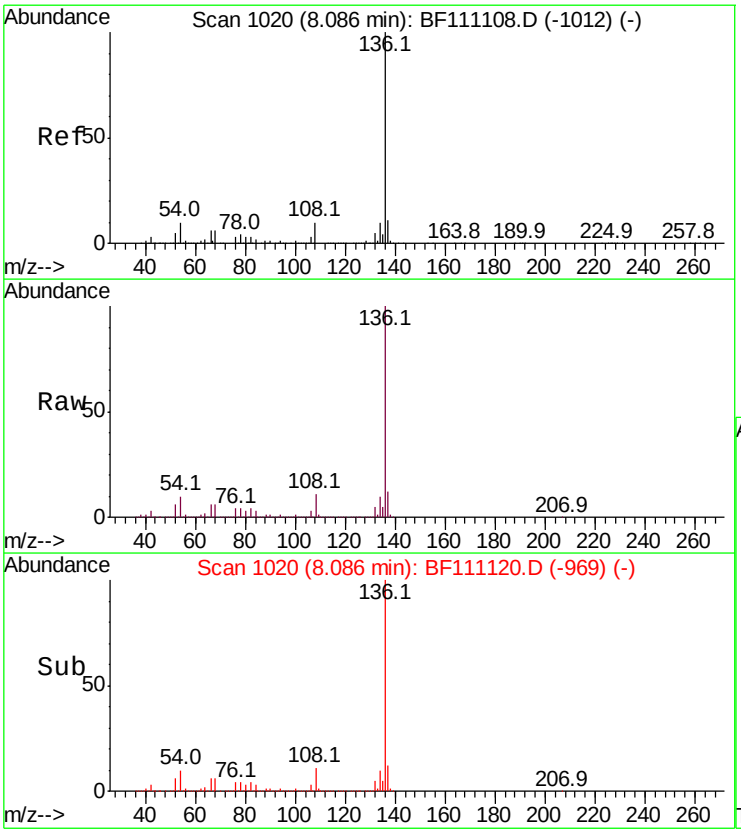
#7
Phenol-d6
Concen: 27.040 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 99 Resp: 1391189

Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.3	28.9
71	32.4	27.4	41.2

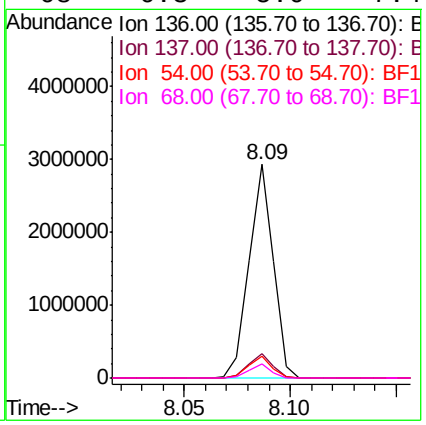


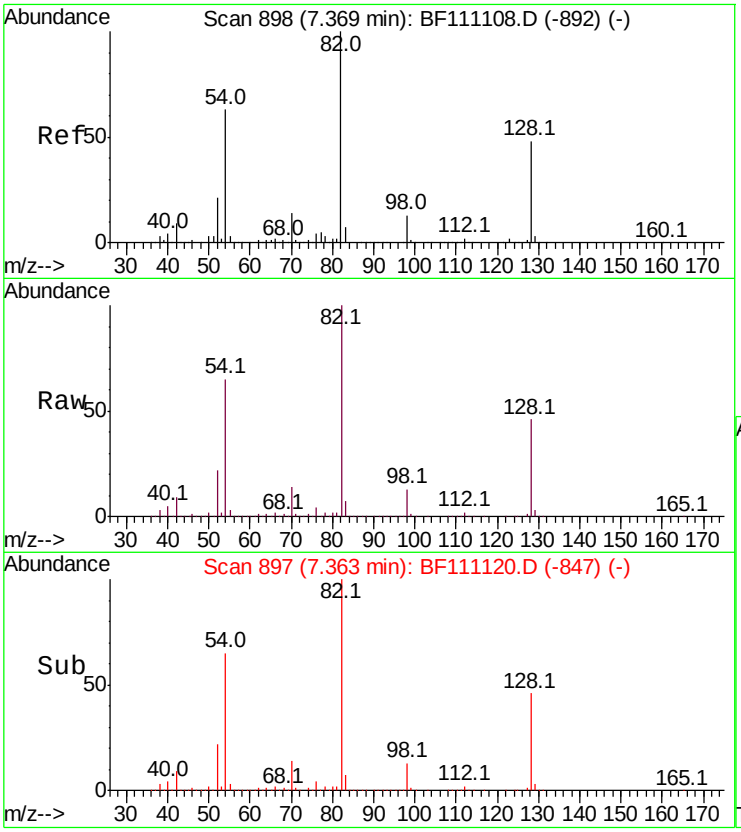


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Tgt Ion:136 Resp: 2337362

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	10.2	8.4	12.6
68	6.3	5.0	7.4



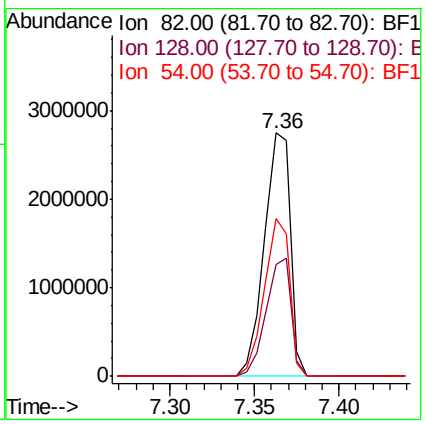


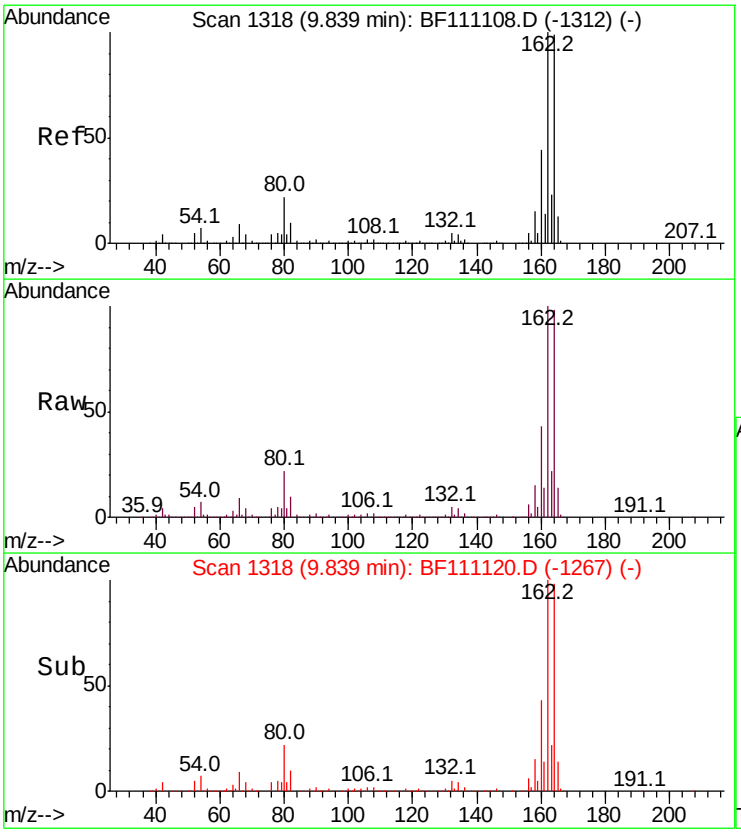
#23
Nitrobenzene-d5
Concen: 73.844 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 82 Resp: 2915378

Ion	Ratio	Lower	Upper
82	100		
128	46.1	38.1	57.1
54	64.9	50.3	75.5

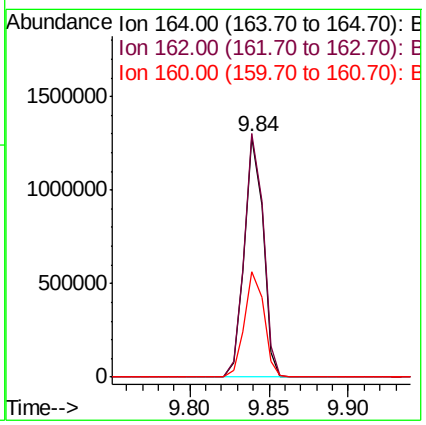


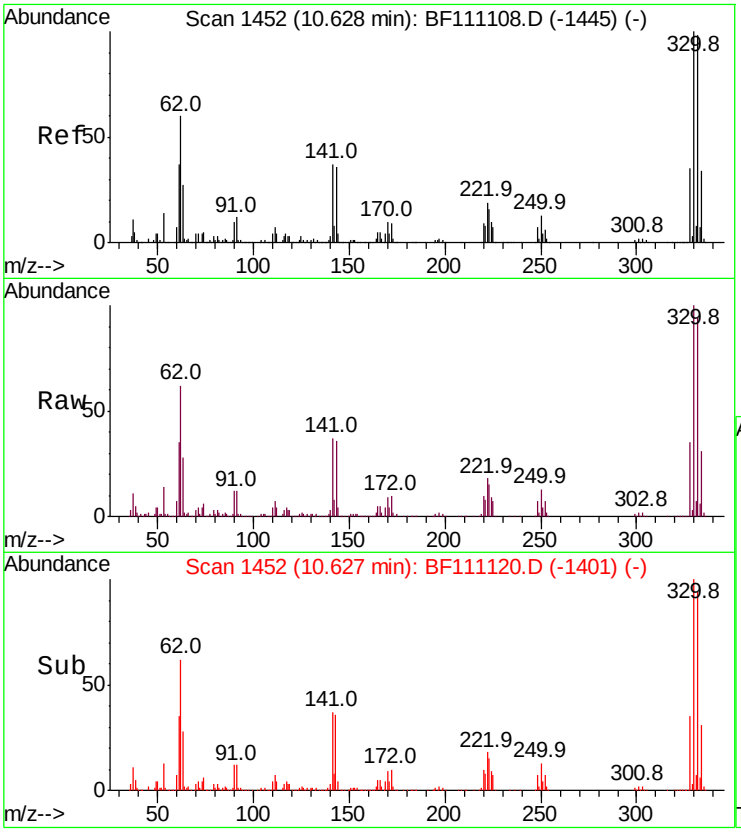


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Tgt Ion:164 Resp: 1056227

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	44.1	35.5	53.3



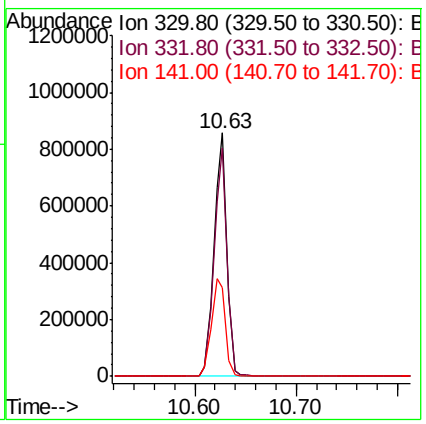


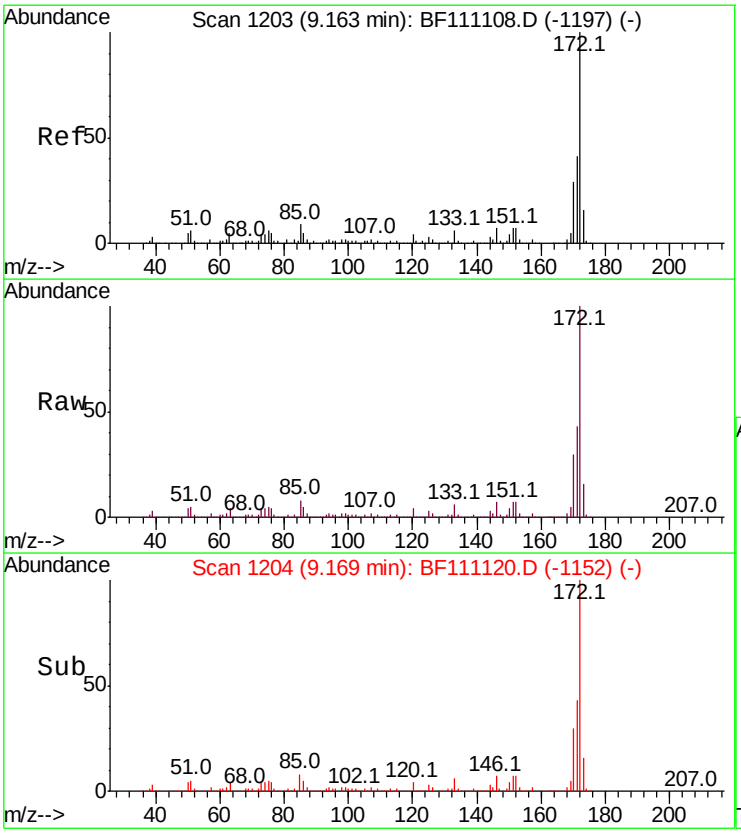
#42
2,4,6-Tribromophenol
Concen: 89.865 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:330 Resp: 754485

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.2	115.8
141	43.4	36.1	54.1

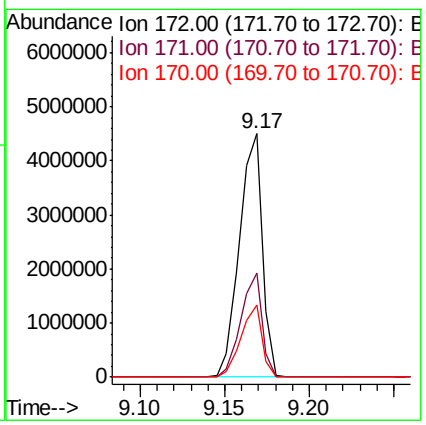


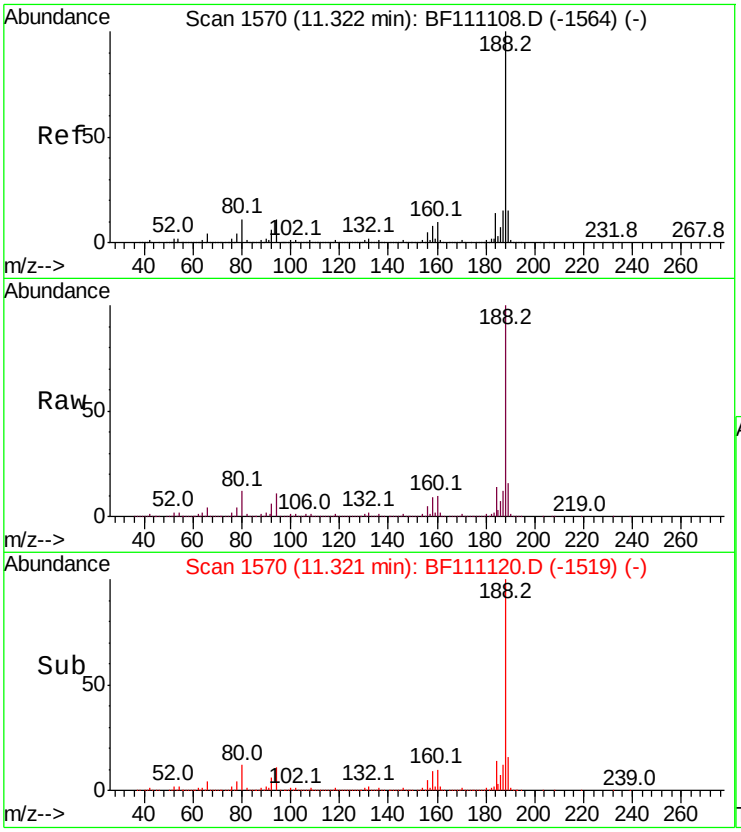


#45
2-Fluorobiphenyl
Concen: 72.538 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Tgt Ion:172 Resp: 4259292

Ion	Ratio	Lower	Upper
172	100		
171	42.9	33.2	49.8
170	29.7	22.9	34.3



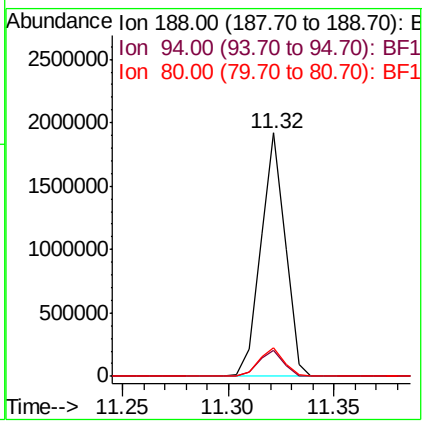


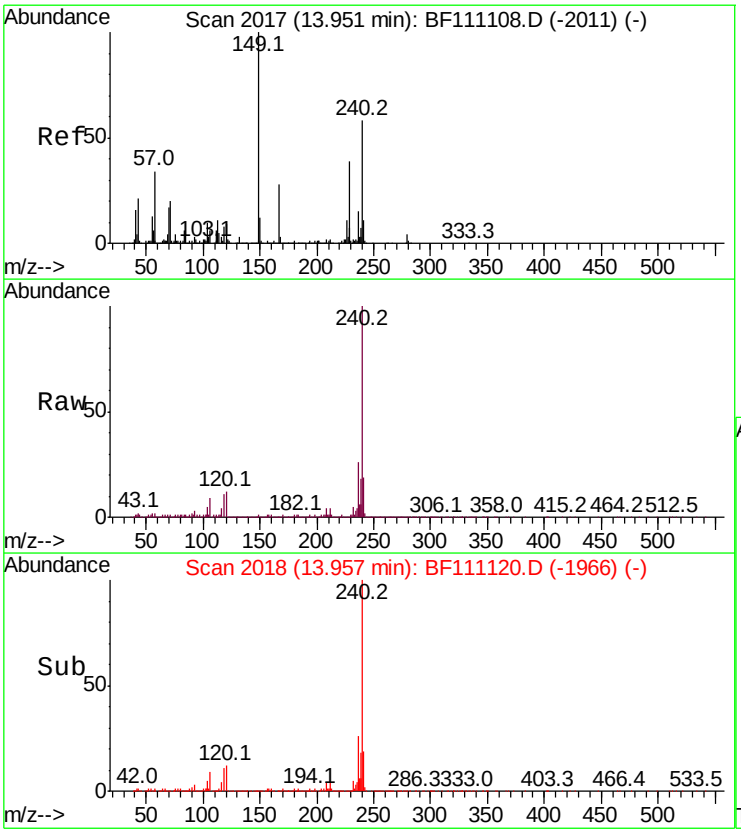
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:188 Resp: 1545677

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.9	9.0	13.6

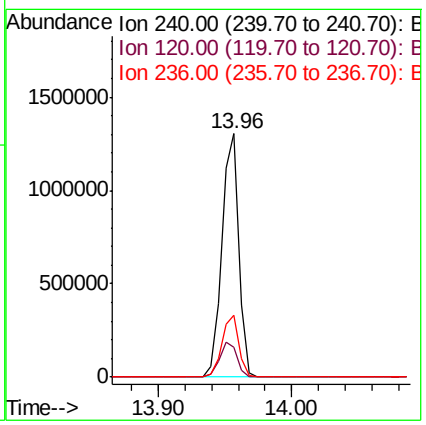


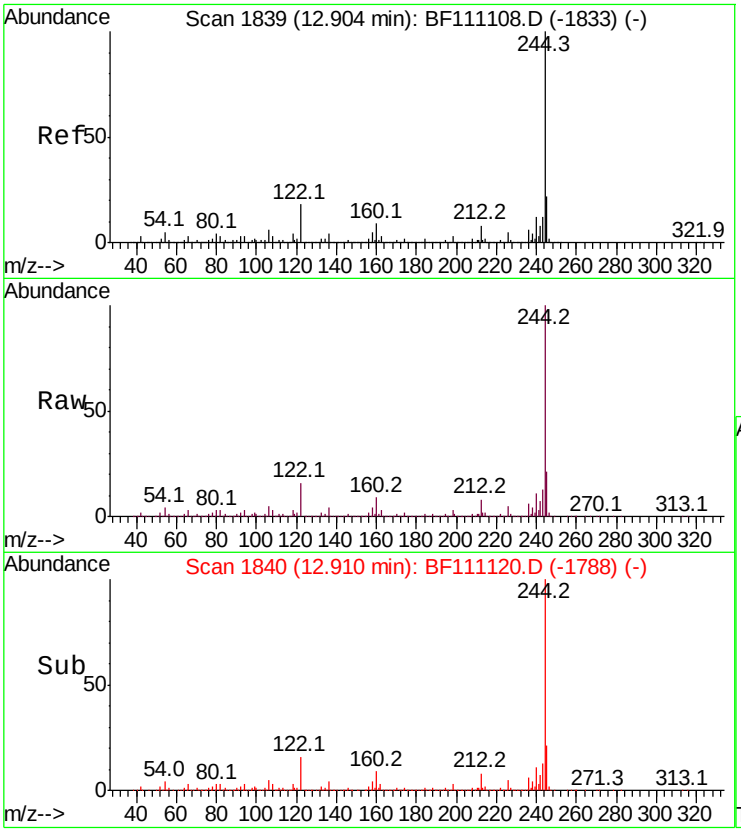


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Tgt Ion:240 Resp: 1164646

Ion	Ratio	Lower	Upper
240	100		
120	12.2	12.8	19.2#
236	25.6	21.1	31.7



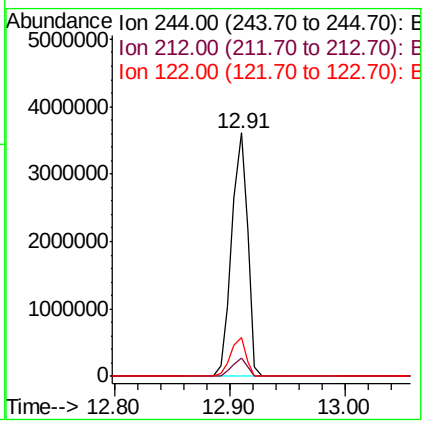


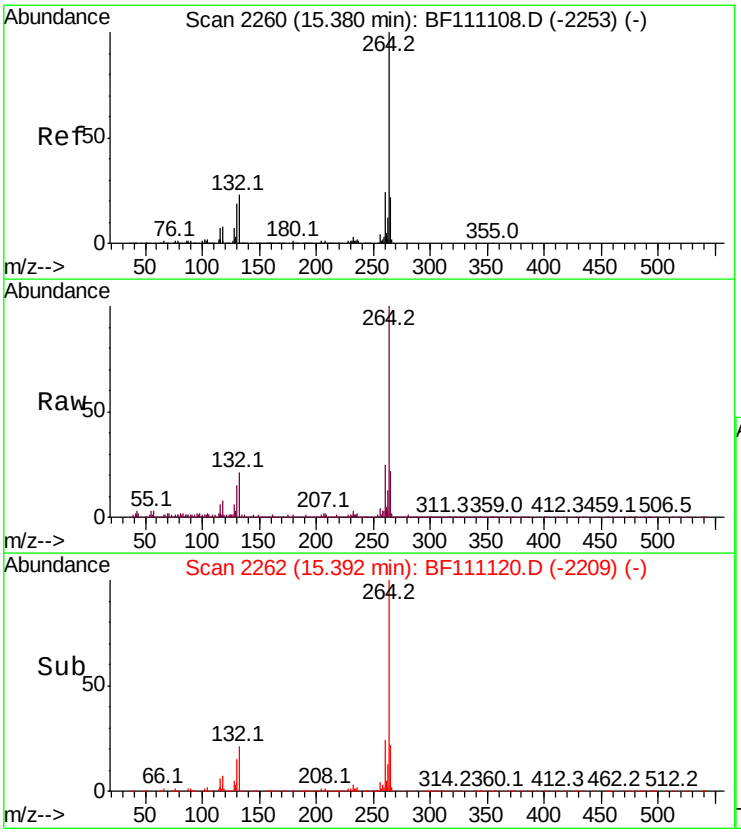
#79
Terphenyl-d14
Concen: 60.840 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:244 Resp: 3459854

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	16.0	14.2	21.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Tgt Ion:264 Resp: 816489

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	22.0	17.4	26.0