Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087570.D
Acq On : 31 May 2016 2:45
Operator : UM/SJ
Sample : H3249-07
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

Quant Time: May 31 03:28:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 00:45:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	106927	20.00	ng	0.01
21) Naphthalene-d8	9.52	136	420886	20.00	ng	0.01
38) Acenaphthene-d10	12.34	164	199570	20.00	ng	0.01
63) Phenanthrene-d10	14.77	188	334434	20.00	ng	0.02
75) Chrysene-d12	18.49	240	244208	20.00	ng	0.05
86) Perylene-d12	20.18	264	197824	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	357289	58.71	ng	0.03
7) Phenol-d6	7.06	99	265458	32.28	ng	0.02
23) Nitrobenzene-d5	8.40	82	822749	98.52	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	227727	118.74	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1319617	93.22	ng	-0.01
78) Terphenyl-d14	17.10	244	1116517	97.20	ng	0.00
Target Compounds						Qvalue

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

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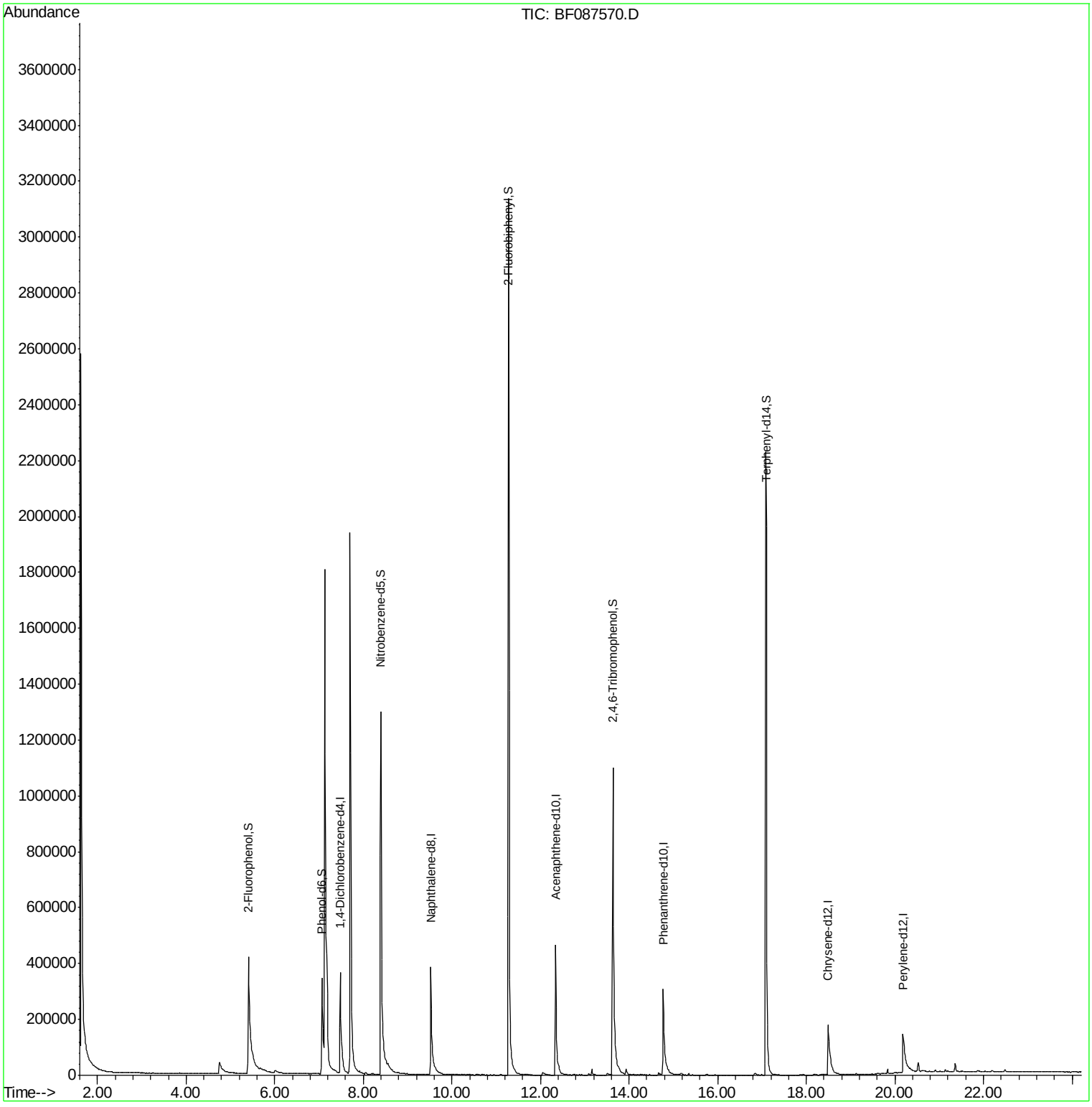
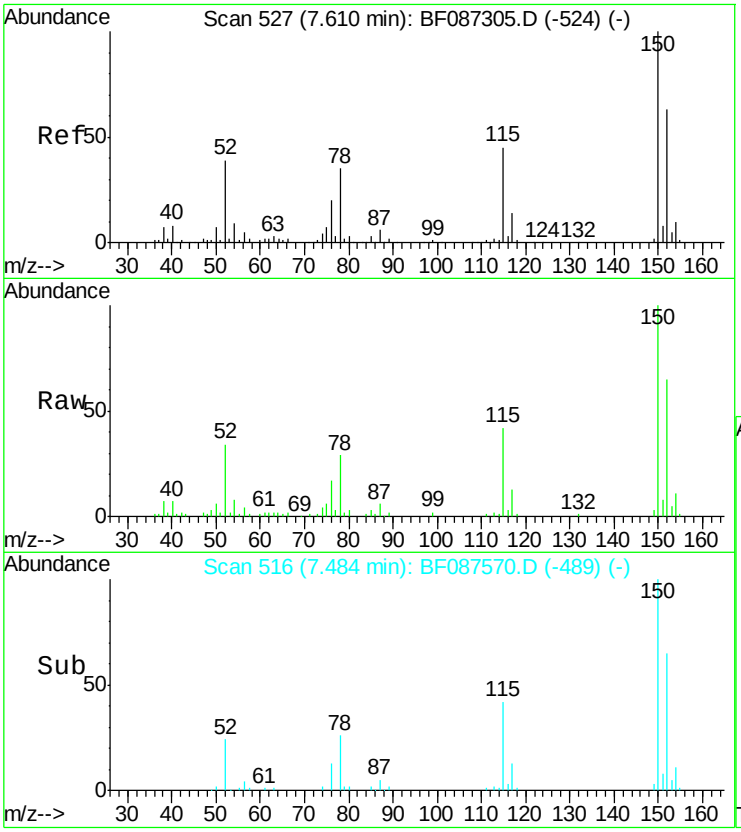


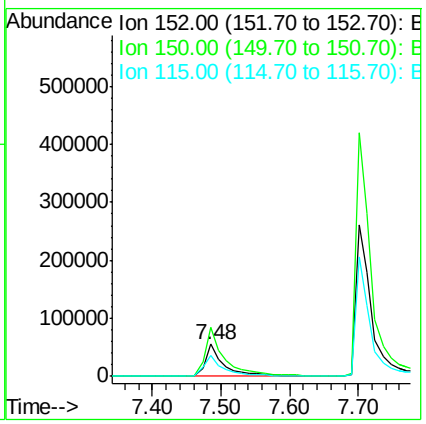


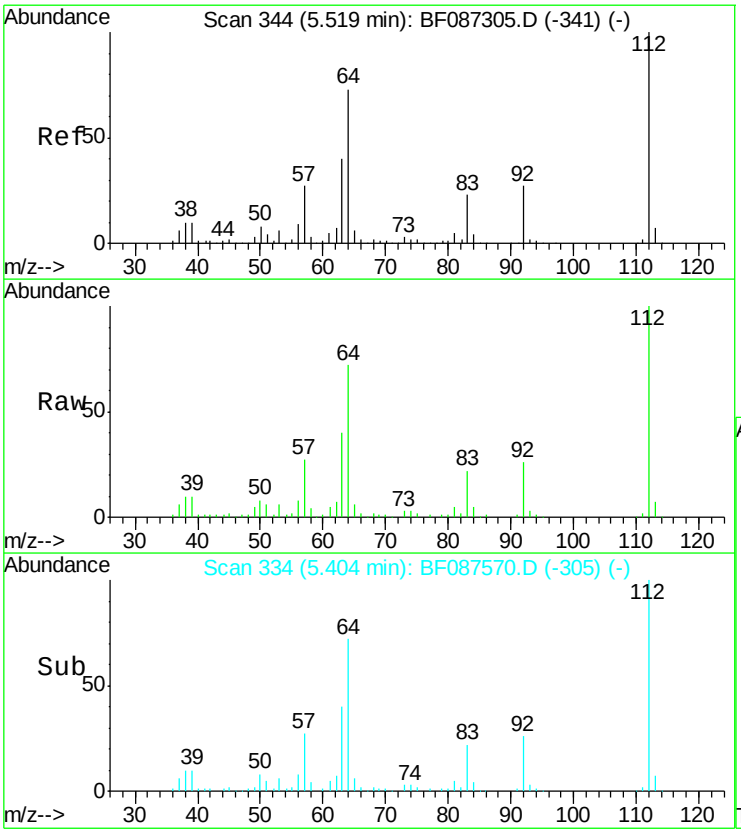
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Instrument :
BNA_F
ClientSampleId :
MW-26

Tgt Ion:152 Resp: 106927

Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.8	188.6
115	63.7	51.5	77.3

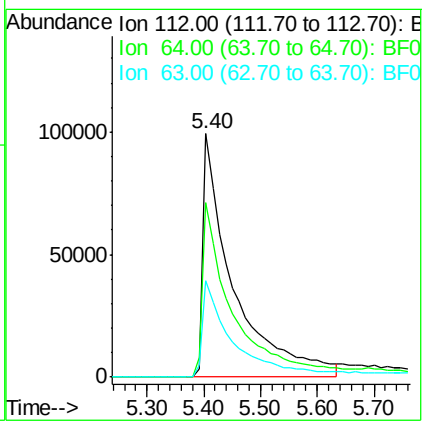


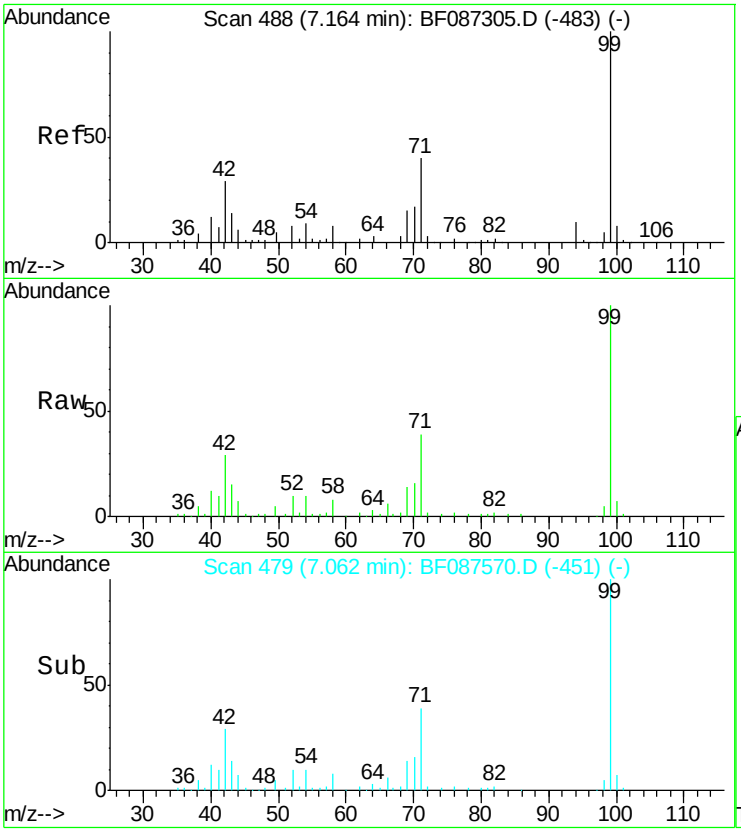


#5
2-Fluorophenol
Concen: 58.71 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.03 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Tgt Ion:112 Resp: 357289

Ion	Ratio	Lower	Upper
112	100		
64	71.9	52.1	78.1
63	39.8	25.7	38.5#



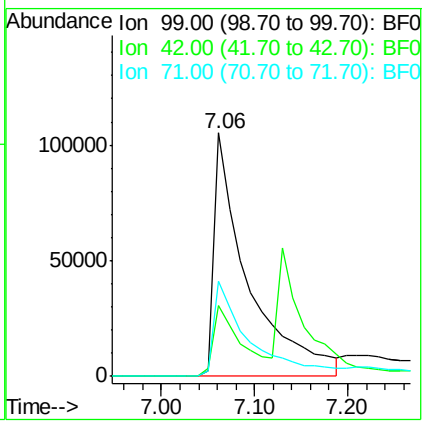


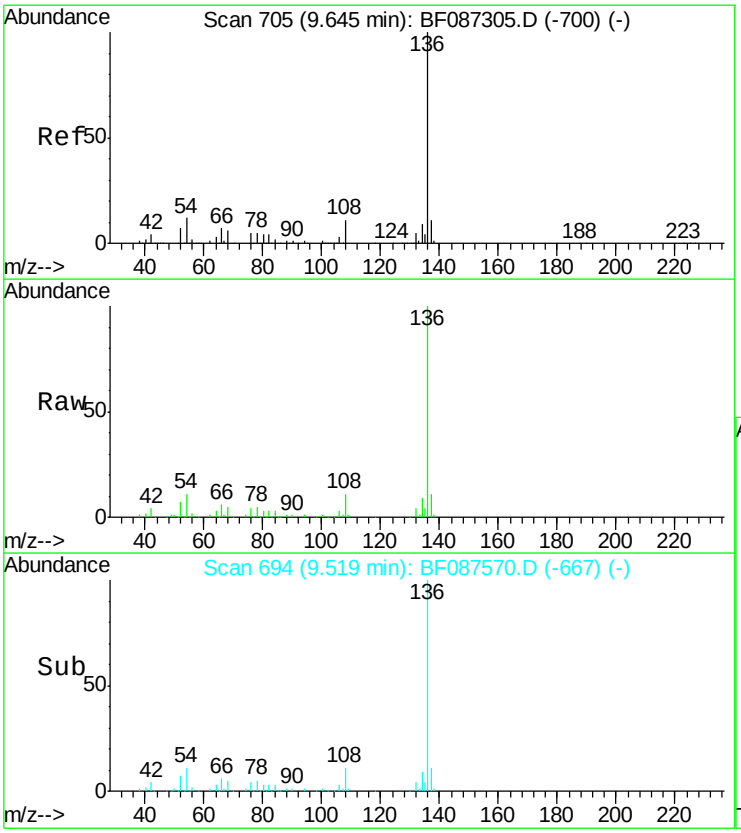
#7
Phenol-d6
Concen: 32.28 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.02 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Instrument :
BNA_F
ClientSampleId :
MW-26

Tgt Ion: 99 Resp: 265458

Ion	Ratio	Lower	Upper
99	100		
42	29.0	13.6	20.4#
71	38.9	24.6	36.8#

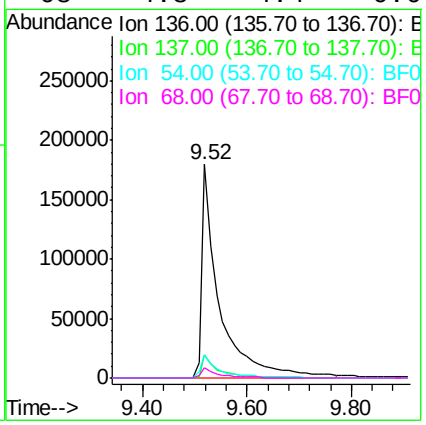


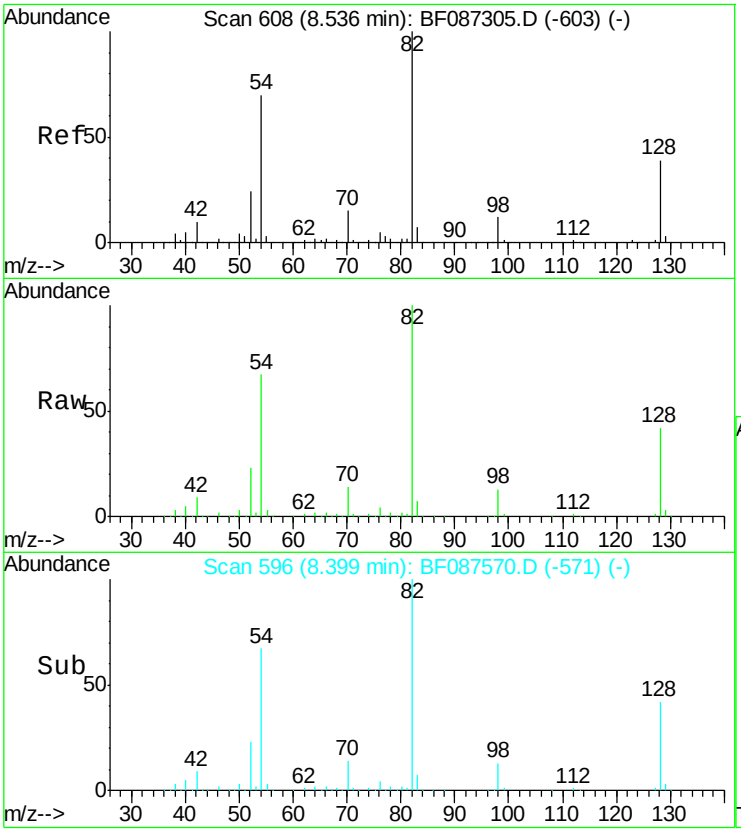


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Tgt Ion:136 Resp: 420886

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.6	5.0	7.4#
68	4.8	4.4	6.6



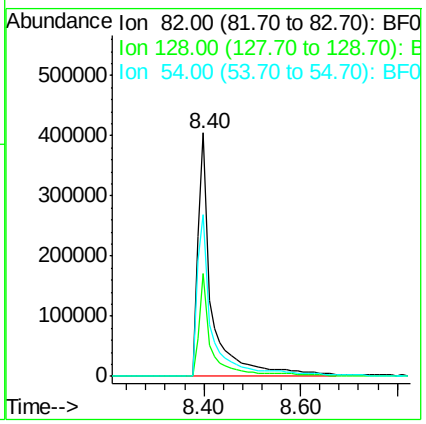


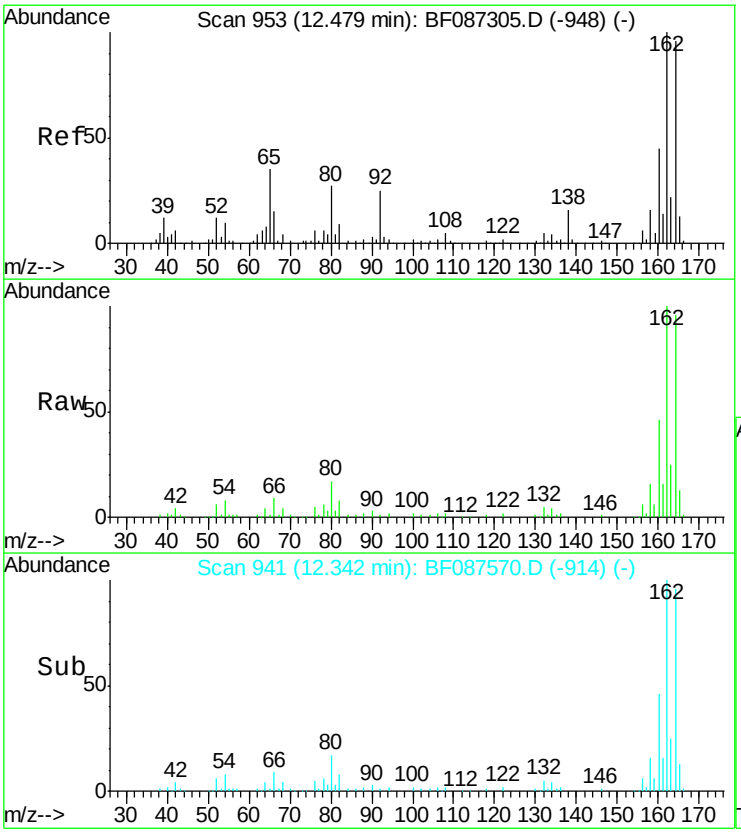
#23
Nitrobenzene-d5
Concen: 98.52 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Instrument :
BNA_F
ClientSampleId :
MW-26

Tgt Ion: 82 Resp: 822749

Ion	Ratio	Lower	Upper
82	100		
128	42.2	40.6	61.0
54	66.6	38.1	57.1#

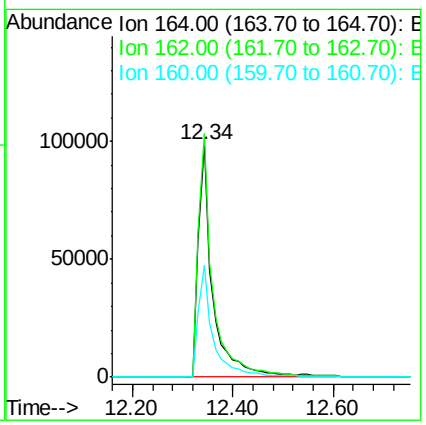


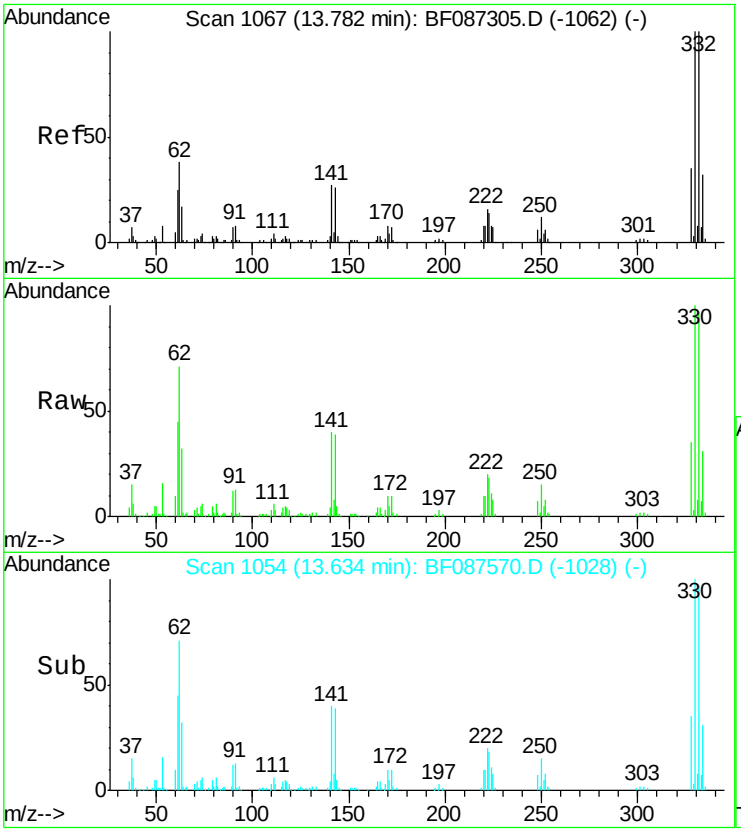


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Tgt Ion:164 Resp: 199570

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.8	124.2
160	47.9	36.9	55.3



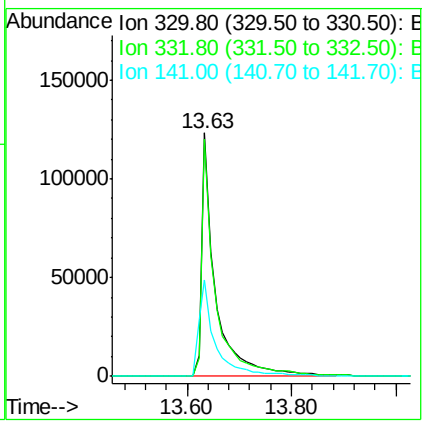


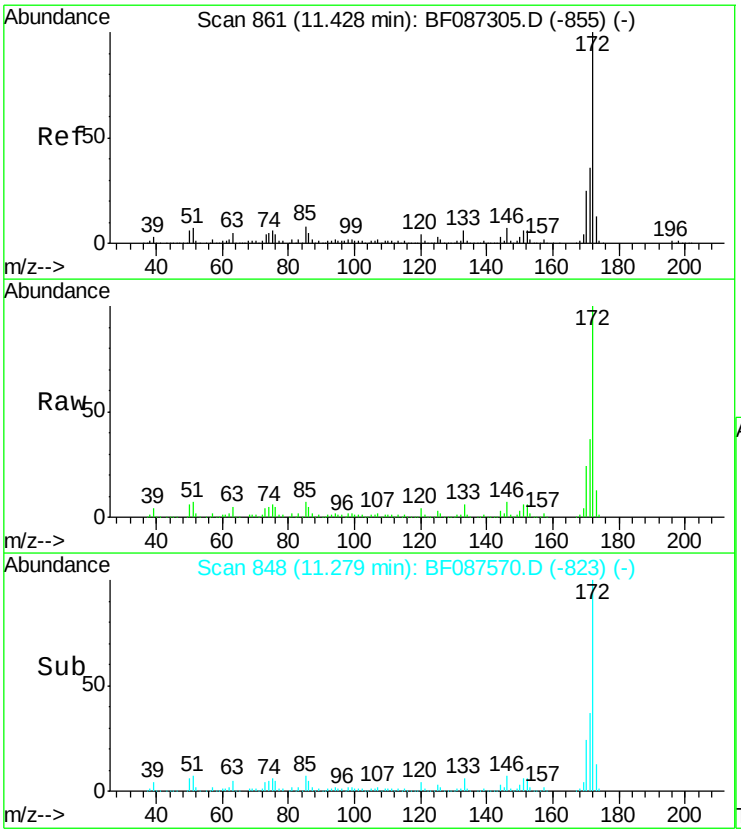
#41
2,4,6-Tribromophenol
Concen: 118.74 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Instrument :
BNA_F
ClientSampleId :
MW-26

Tgt Ion:330 Resp: 227727

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	47.8	31.2	46.8#

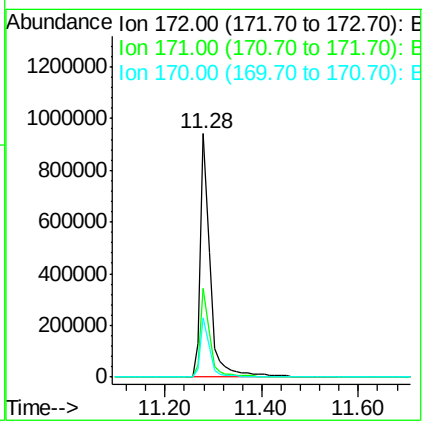


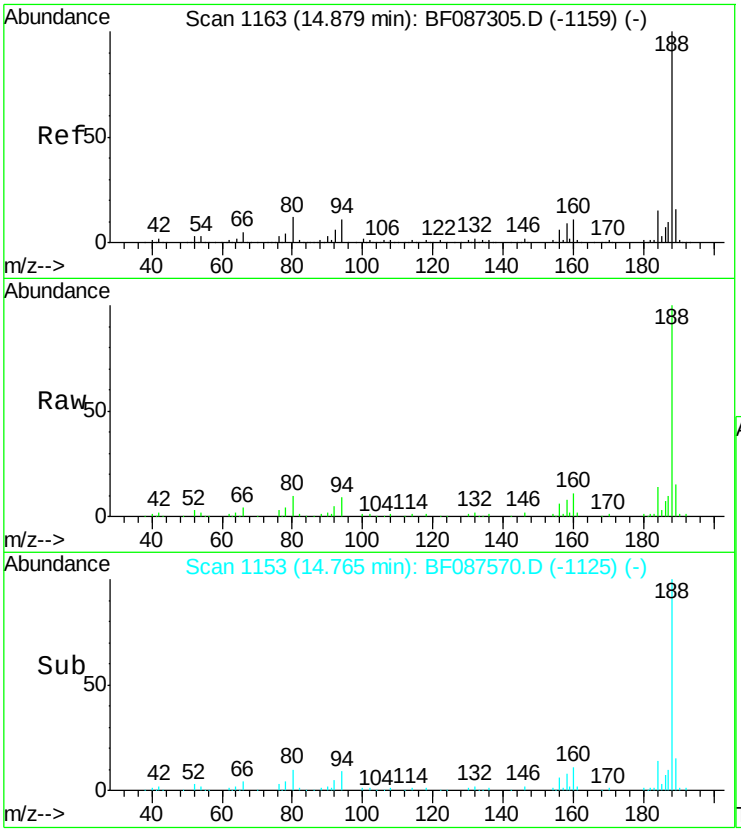


#44
2-Fluorobiphenyl
Concen: 93.22 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Tgt Ion:172 Resp: 1319617

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.4	19.8	29.8



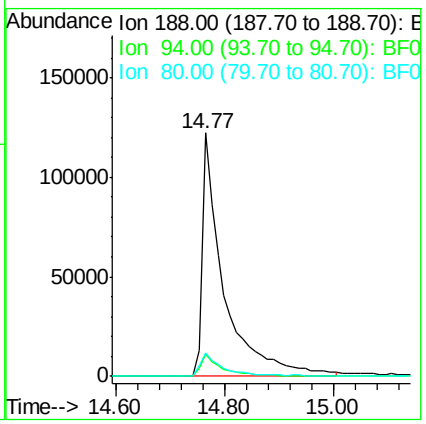


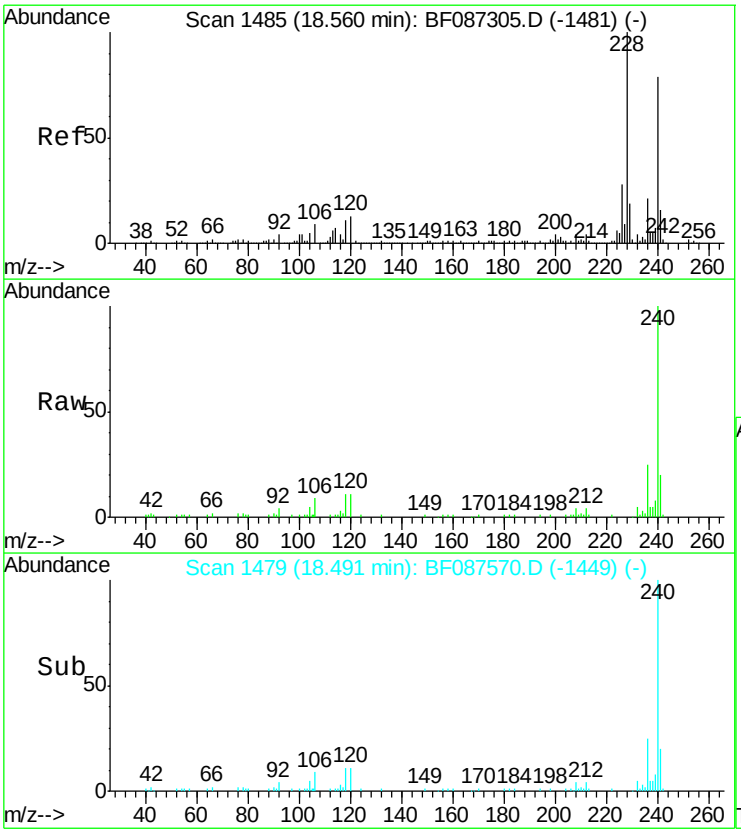
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Instrument :
BNA_F
ClientSampleId :
MW-26

Tgt Ion:188 Resp: 334434

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.8	10.2
80	9.6	7.1	10.7

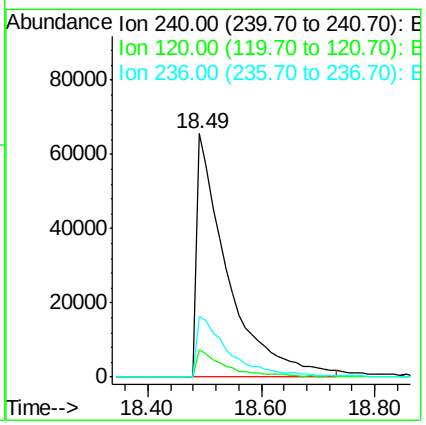


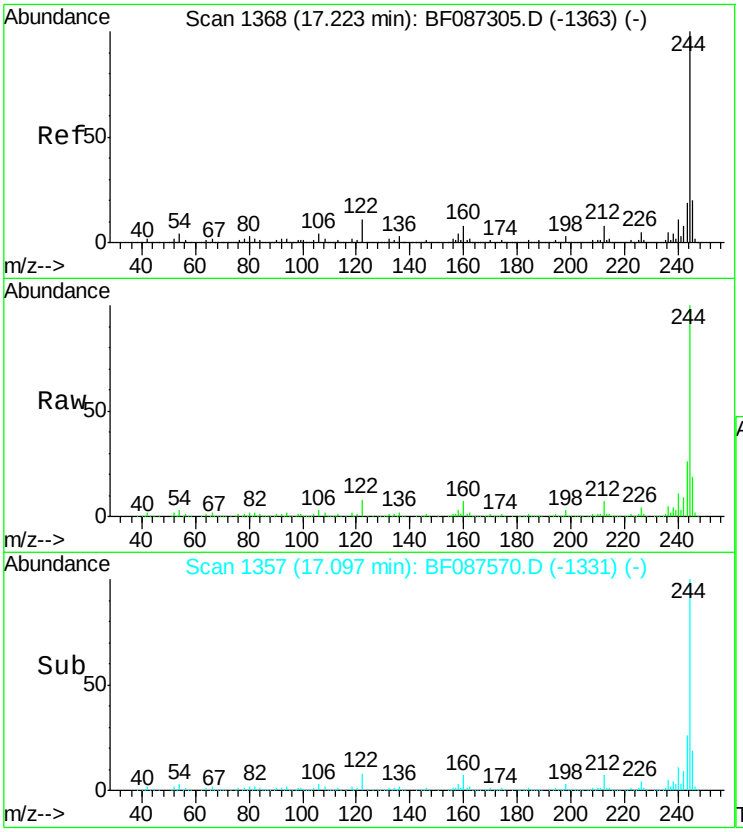


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.05 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Tgt Ion:240 Resp: 244208

Ion	Ratio	Lower	Upper
240	100		
120	11.1	11.2	16.8#
236	25.0	21.2	31.8



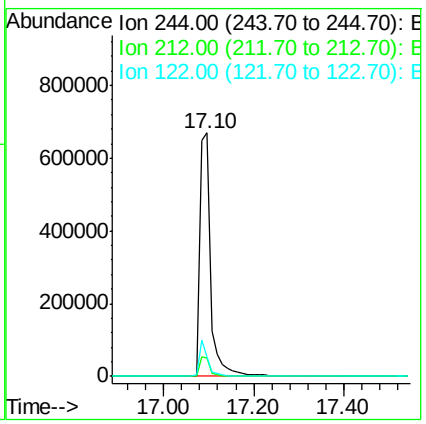


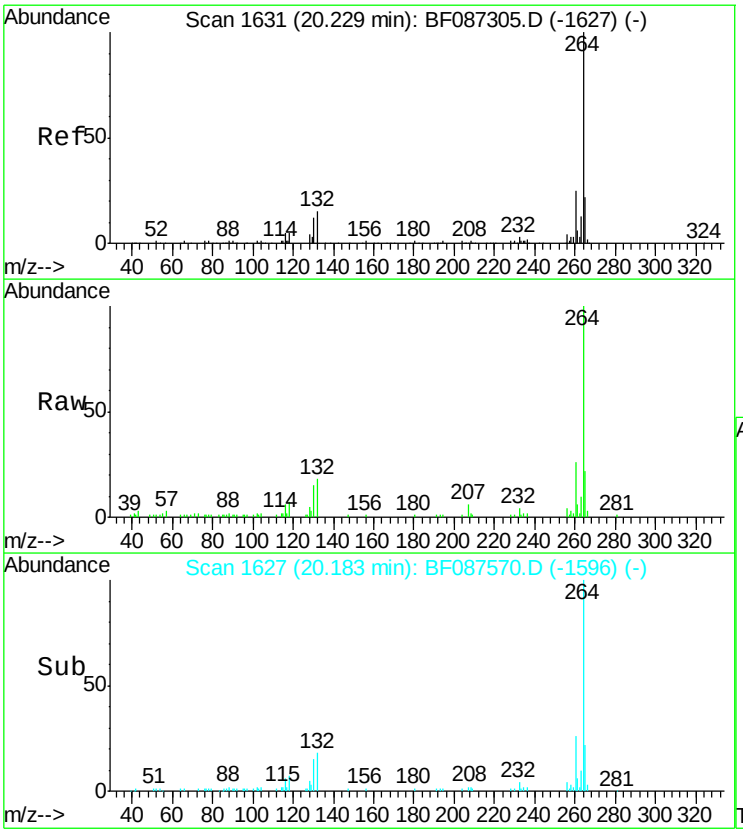
#78
Terphenyl-d14
Concen: 97.20 ng
RT: 17.10 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Instrument :
BNA_F
ClientSampleId :
MW-26

Tgt Ion:244 Resp: 1116517

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	8.1	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 1627
Delta R.T. 0.06 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Tgt Ion:264 Resp: 197824

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.5	29.3
265	21.9	17.3	25.9