Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087554.D
Acq On : 30 May 2016 17:03
Operator : UM/SJ
Sample : H3317-08
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

Quant Time: May 31 01:34:44 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	7.47	152	105556	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	424890	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	197092	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	361312	20.00	ng	0.00
75) Chrysene-d12	18.47	240	232264	20.00	ng	0.02
86) Perylene-d12	20.15	264	216426	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	353880	58.91	ng	0.02
7) Phenol-d6	7.06	99	308944	38.06	ng	0.02
23) Nitrobenzene-d5	8.39	82	764200	90.65	ng	-0.02
41) 2,4,6-Tribromophenol	13.63	330	254476	134.36	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1301126	93.07	ng	-0.01
78) Terphenyl-d14	17.09	244	983274	90.00	ng	-0.01
Target Compounds						Qvalue

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

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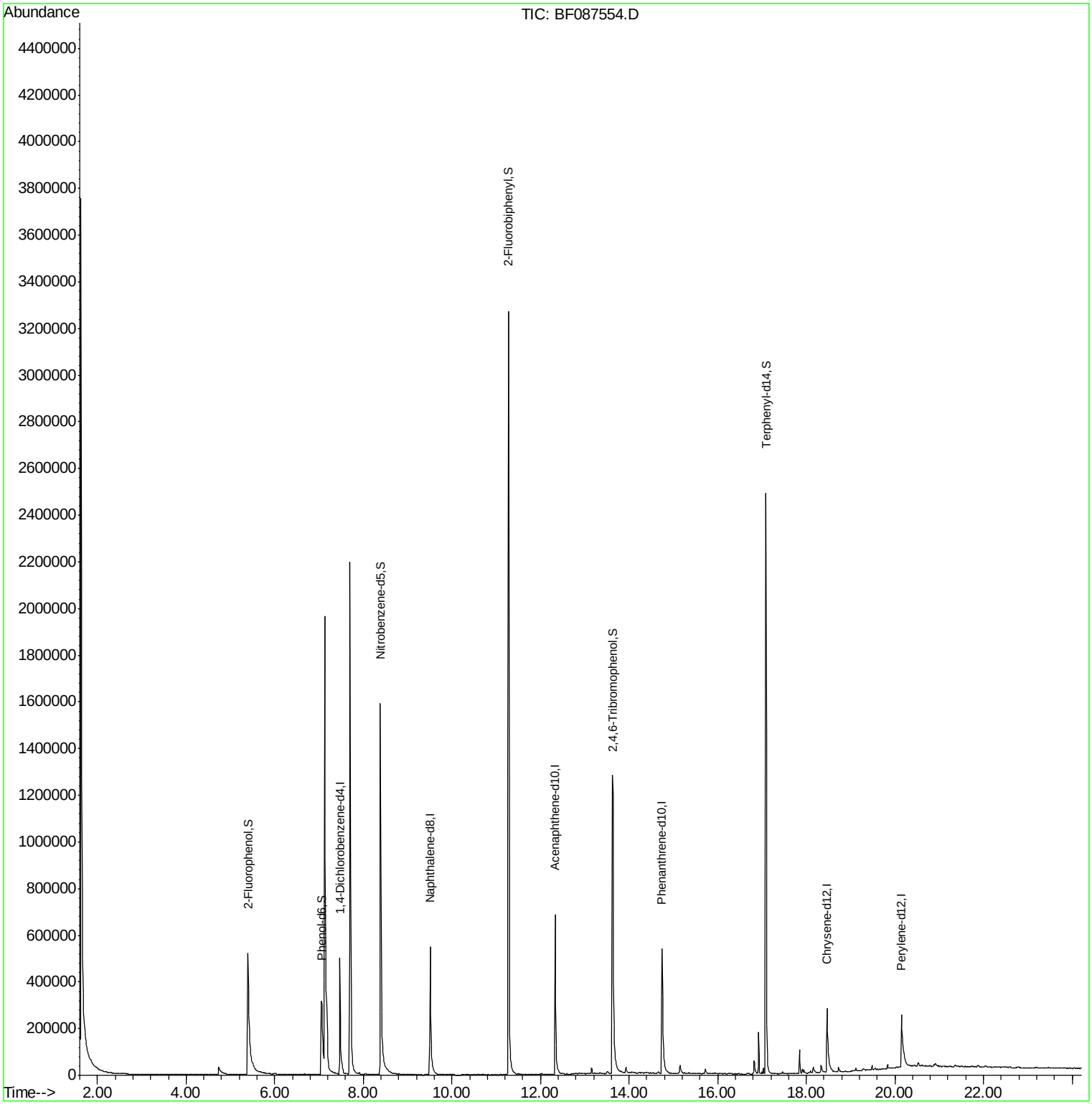
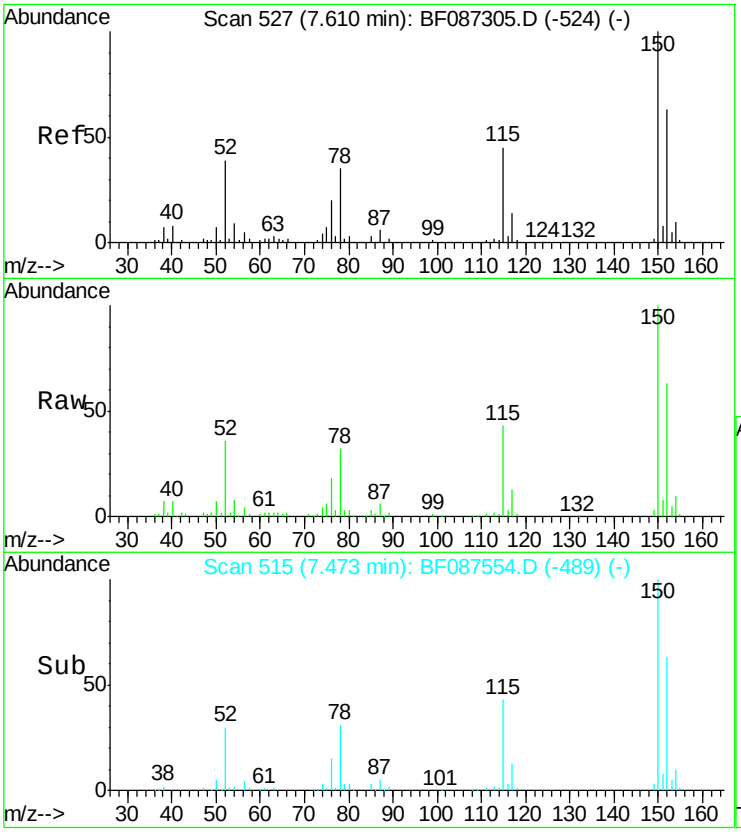


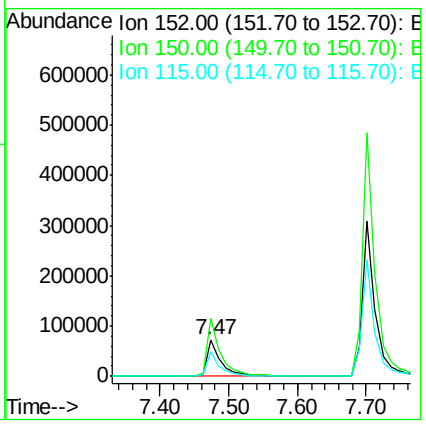


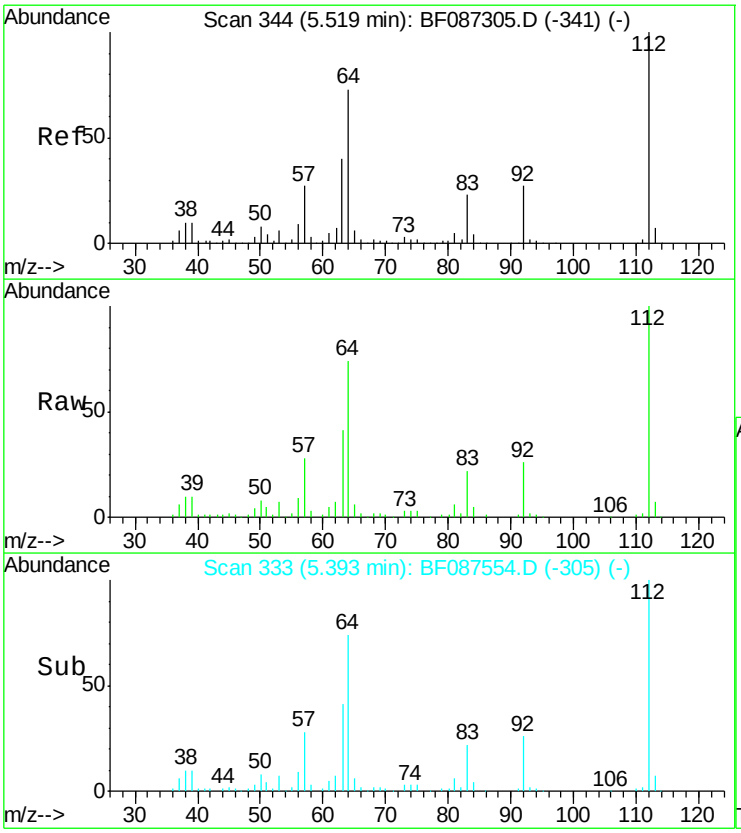
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF087554.D
Acq: 30 May 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:152 Resp: 105556

Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.8	188.6
115	68.9	51.5	77.3

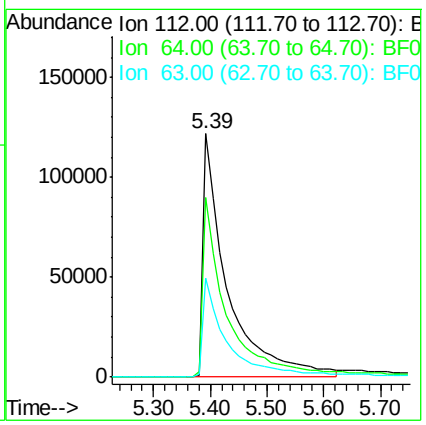


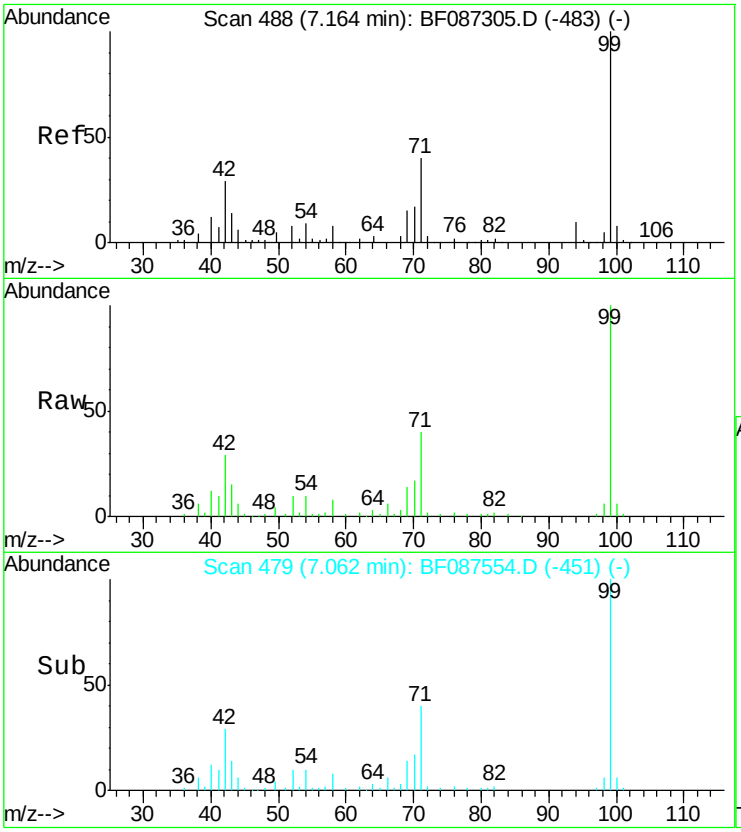


#5
2-Fluorophenol
Concen: 58.91 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.02 min
Lab File: BF087554.D
Acq: 30 May 2016 17:03

Tgt Ion:112 Resp: 353880

Ion	Ratio	Lower	Upper
112	100		
64	74.0	52.1	78.1
63	40.6	25.7	38.5#



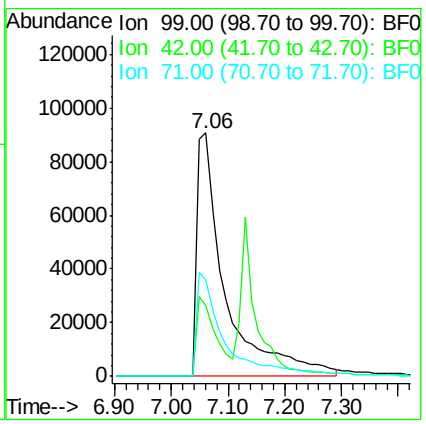


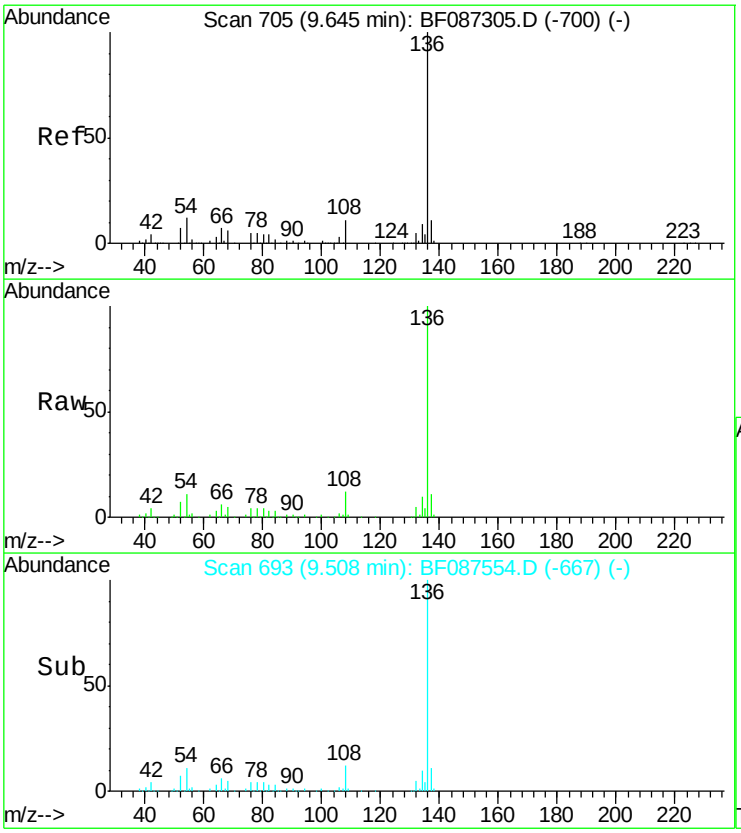
#7
Phenol-d6
Concen: 38.06 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.02 min
Lab File: BF087554.D
Acq: 30 May 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion: 99 Resp: 308944

Ion	Ratio	Lower	Upper
99	100		
42	29.1	13.6	20.4#
71	39.9	24.6	36.8#

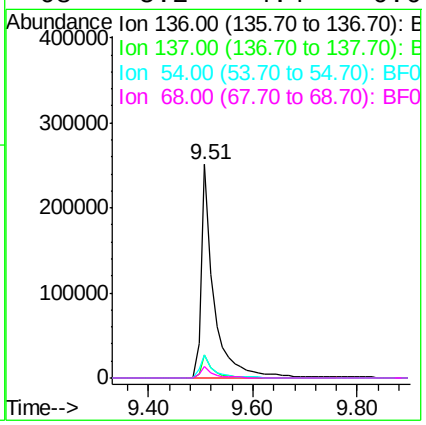


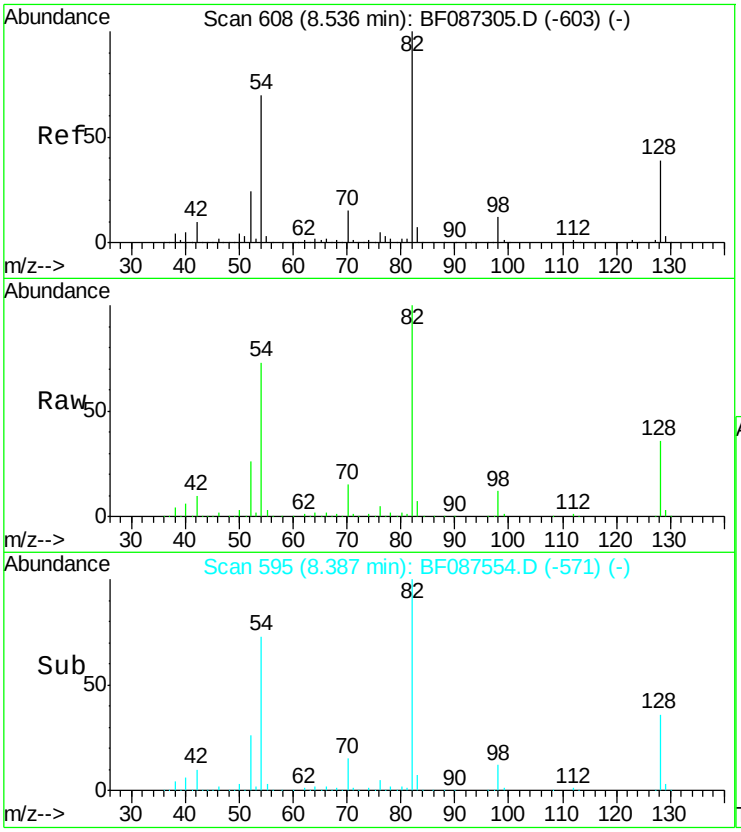


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF087554.D
Acq: 30 May 2016 17:03

Tgt Ion:136 Resp: 424890

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.7	5.0	7.4#
68	5.2	4.4	6.6



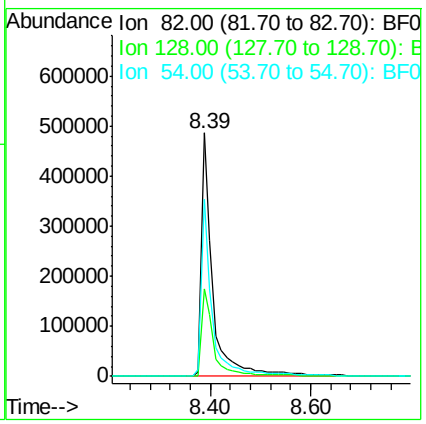


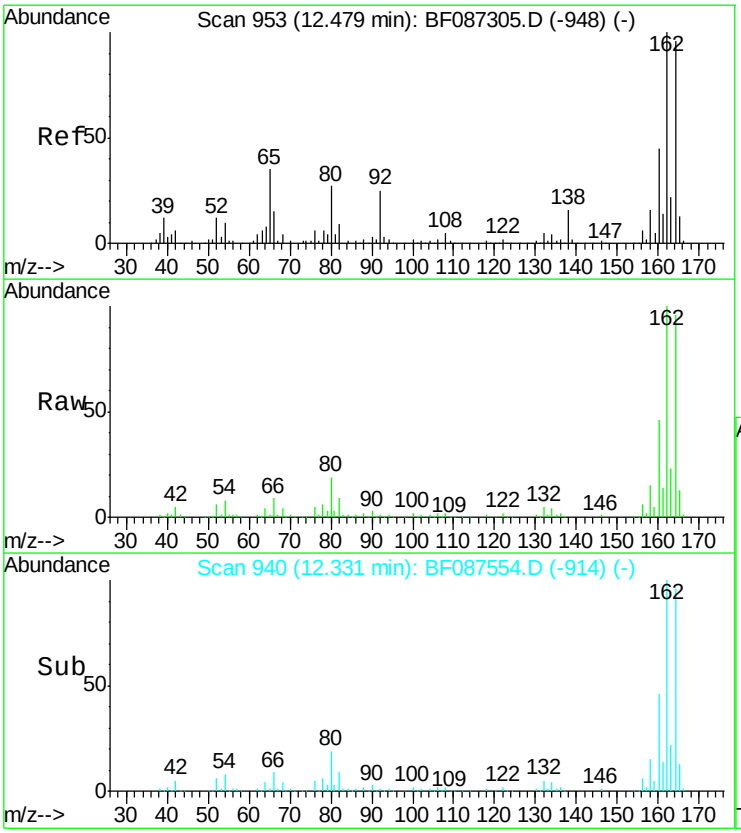
#23
Nitrobenzene-d5
Concen: 90.65 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF087554.D
Acq: 30 May 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion: 82 Resp: 764200

Ion	Ratio	Lower	Upper
82	100		
128	36.1	40.6	61.0#
54	72.6	38.1	57.1#

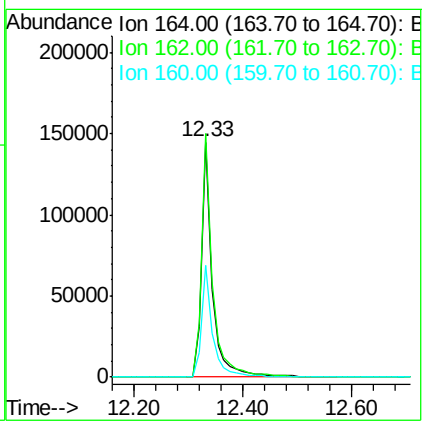


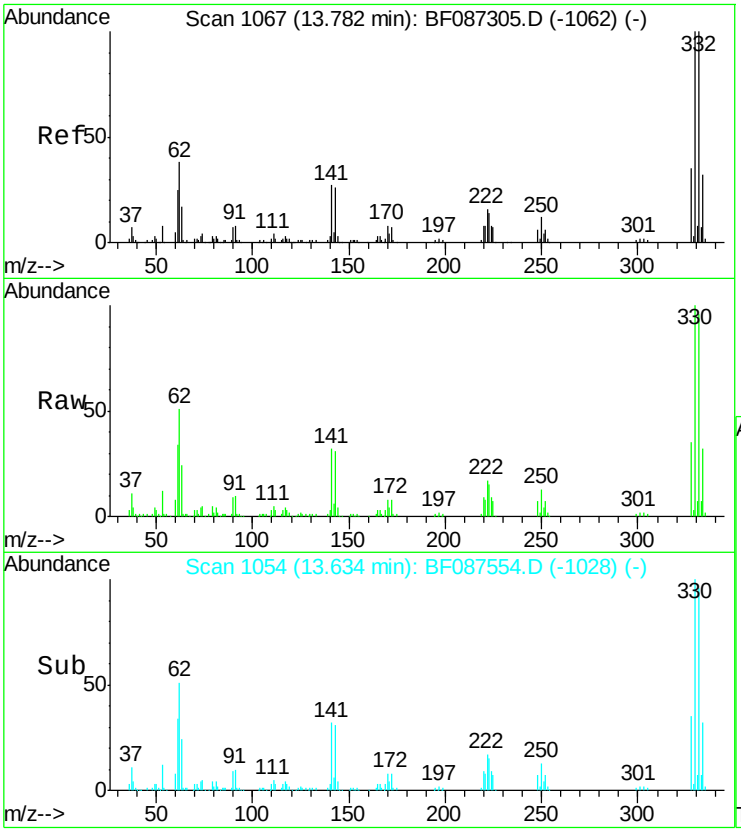


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF087554.D
Acq: 30 May 2016 17:03

Tgt Ion:164 Resp: 197092

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.8	124.2
160	47.5	36.9	55.3



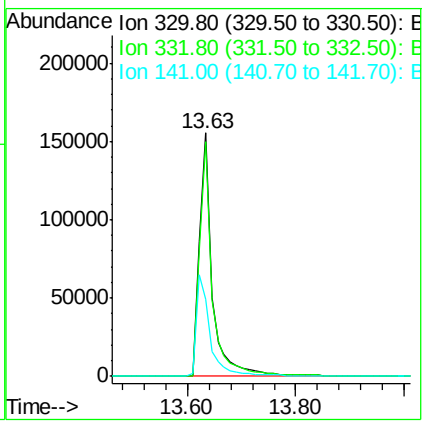


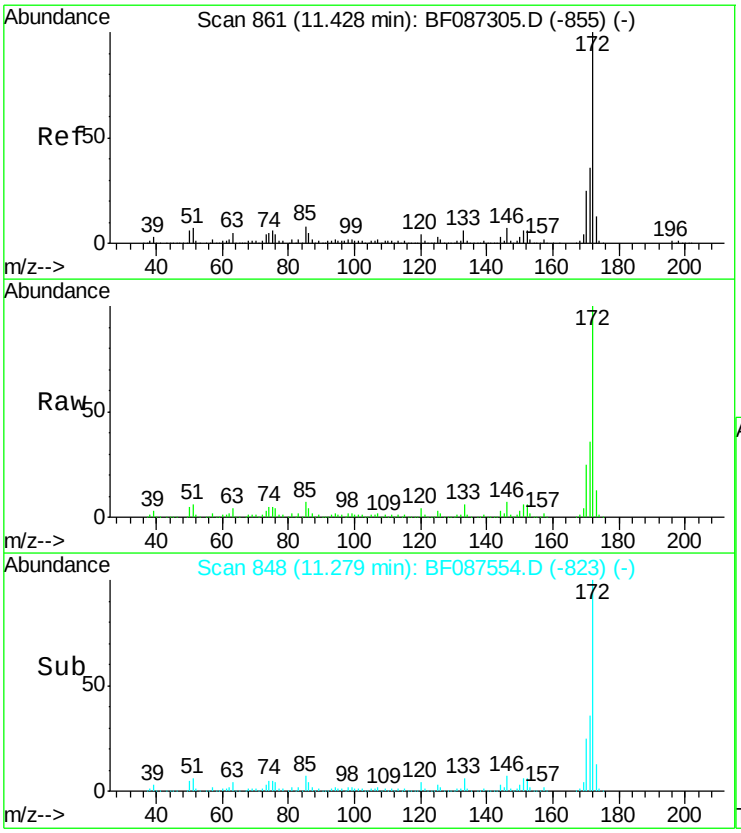
#41
2,4,6-Tribromophenol
Concen: 134.36 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF087554.D
Acq: 30 May 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:330 Resp: 254476

Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	44.6	31.2	46.8

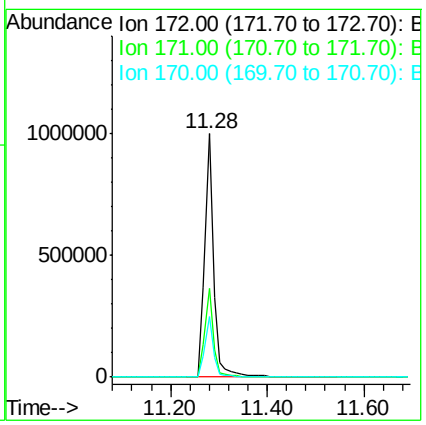


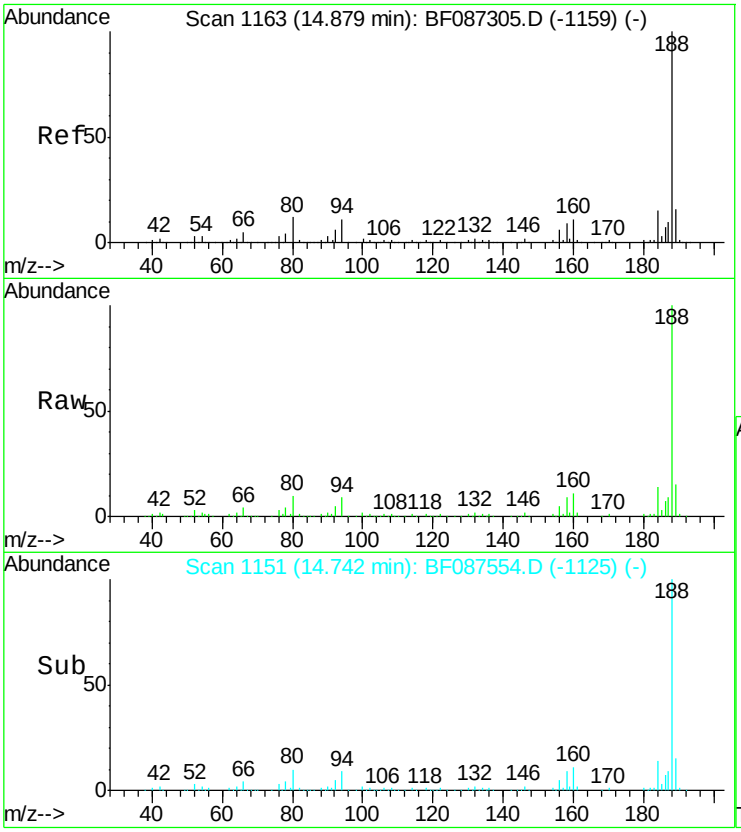


#44
2-Fluorobiphenyl
Concen: 93.07 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF087554.D
Acq: 30 May 2016 17:03

Tgt Ion:172 Resp: 1301126

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.7	19.8	29.8



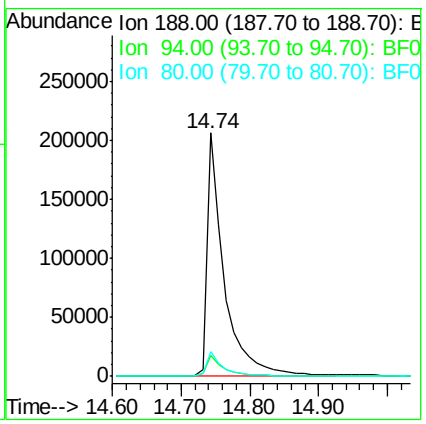


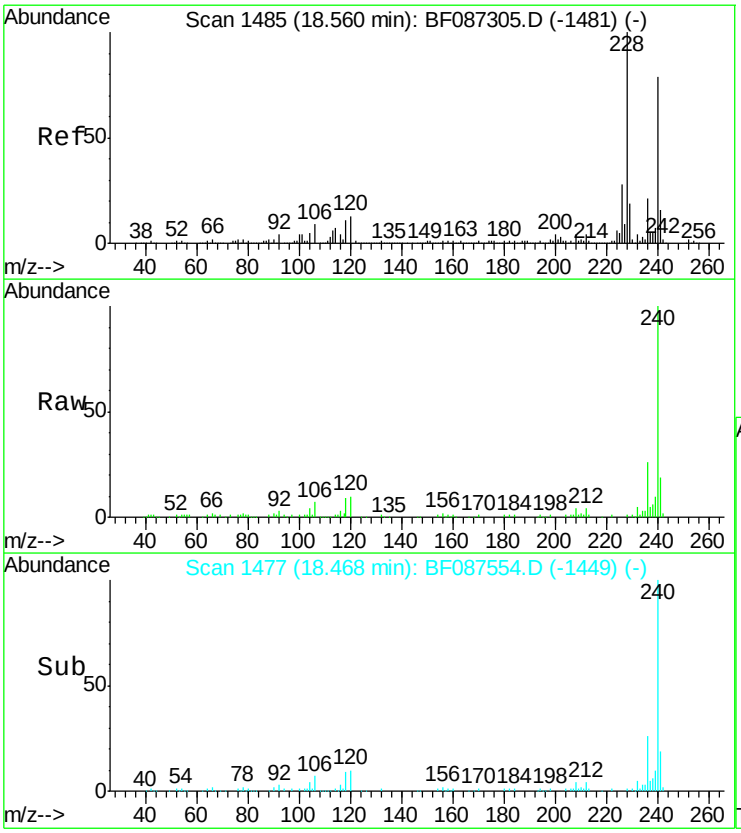
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF087554.D
Acq: 30 May 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:188 Resp: 361312

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	10.0	7.1	10.7

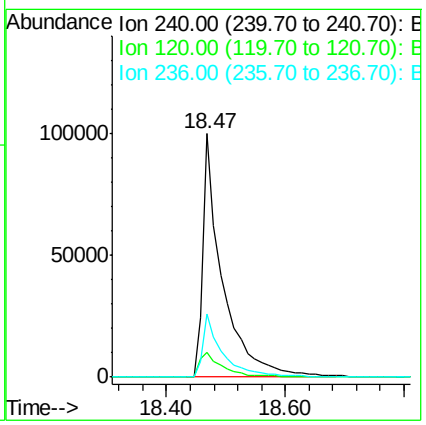


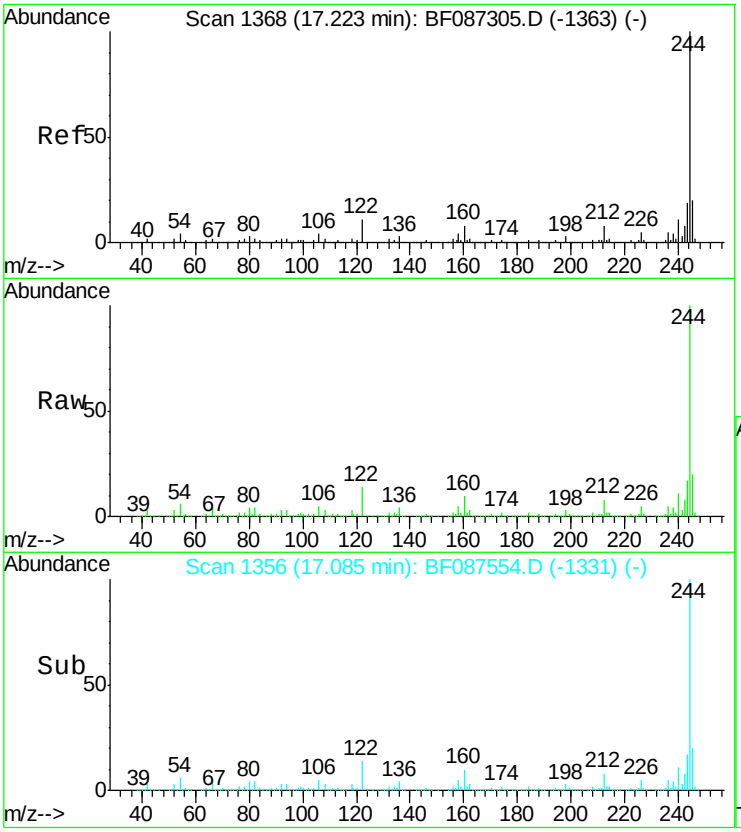


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. 0.02 min
Lab File: BF087554.D
Acq: 30 May 2016 17:03

Tgt Ion:240 Resp: 232264

Ion	Ratio	Lower	Upper
240	100		
120	10.0	11.2	16.8#
236	25.7	21.2	31.8



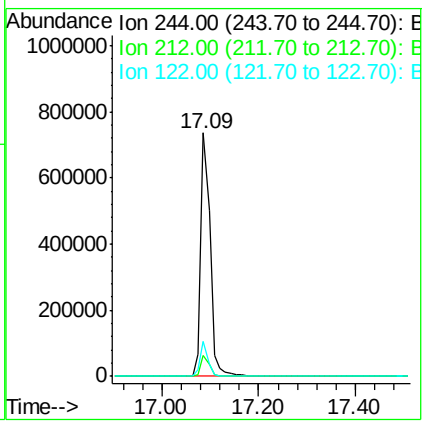


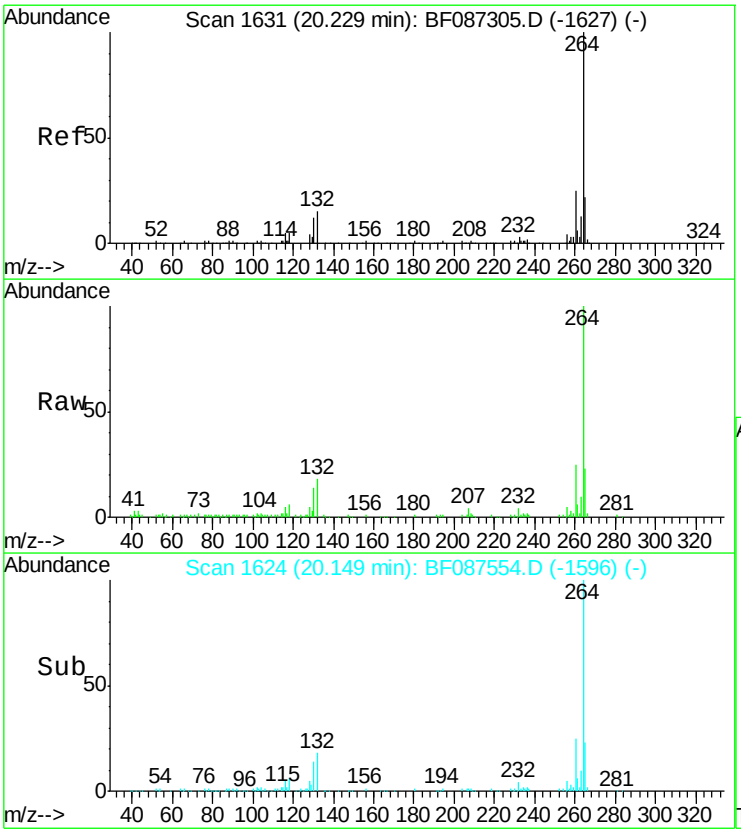
#78
Terphenyl-d14
Concen: 90.00 ng
RT: 17.09 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF087554.D
Acq: 30 May 2016 17:03

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:244 Resp: 983274

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	14.4	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.15 min Scan# 1624
Delta R.T. 0.02 min
Lab File: BF087554.D
Acq: 30 May 2016 17:03

Tgt Ion:264 Resp: 216426

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.5	17.3	25.9