Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
Data File : BF084523.D
Acq On : 16 Jan 2016 6:44
Operator : SJ/UM
Sample : H1134-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-13

Quant Time: Jan 18 00:09:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	243968	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	961744	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	416546	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	701945	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	593921	20.00	ng	-0.01
86) Perylene-d12	15.40	264	525557	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1859181	123.26	ng	0.00
7) Phenol-d6	6.46	99	1984446	104.76	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1535763	88.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	505428	120.19	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2101061	89.03	ng	0.00
78) Terphenyl-d14	12.93	244	1661318	62.44	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.74	82	93314	2.82	ng	# 1
32) Benzoic acid	7.89	122	7106	6.84	ng	# 1
49) Dimethylphthalate	9.58	163	503801	16.92	ng	# 90
53) 2,4-Dinitrophenol	10.09	184	430	3.70	ng	# 1
54) Dibenzofuran	10.06	168	3610	Below Cal		# 1
57) Fluorene	10.41	166	5381	Below Cal		# 29
60) 4-Chlorophenyl-phenylether	10.42	204	1451	Below Cal		# 1
64) 4,6-Dinitro-2-methylphenol	10.48	198	306	6.48	ng	# 1
73) Di-n-butylphthalate	11.92	149	6543	Below Cal		# 34

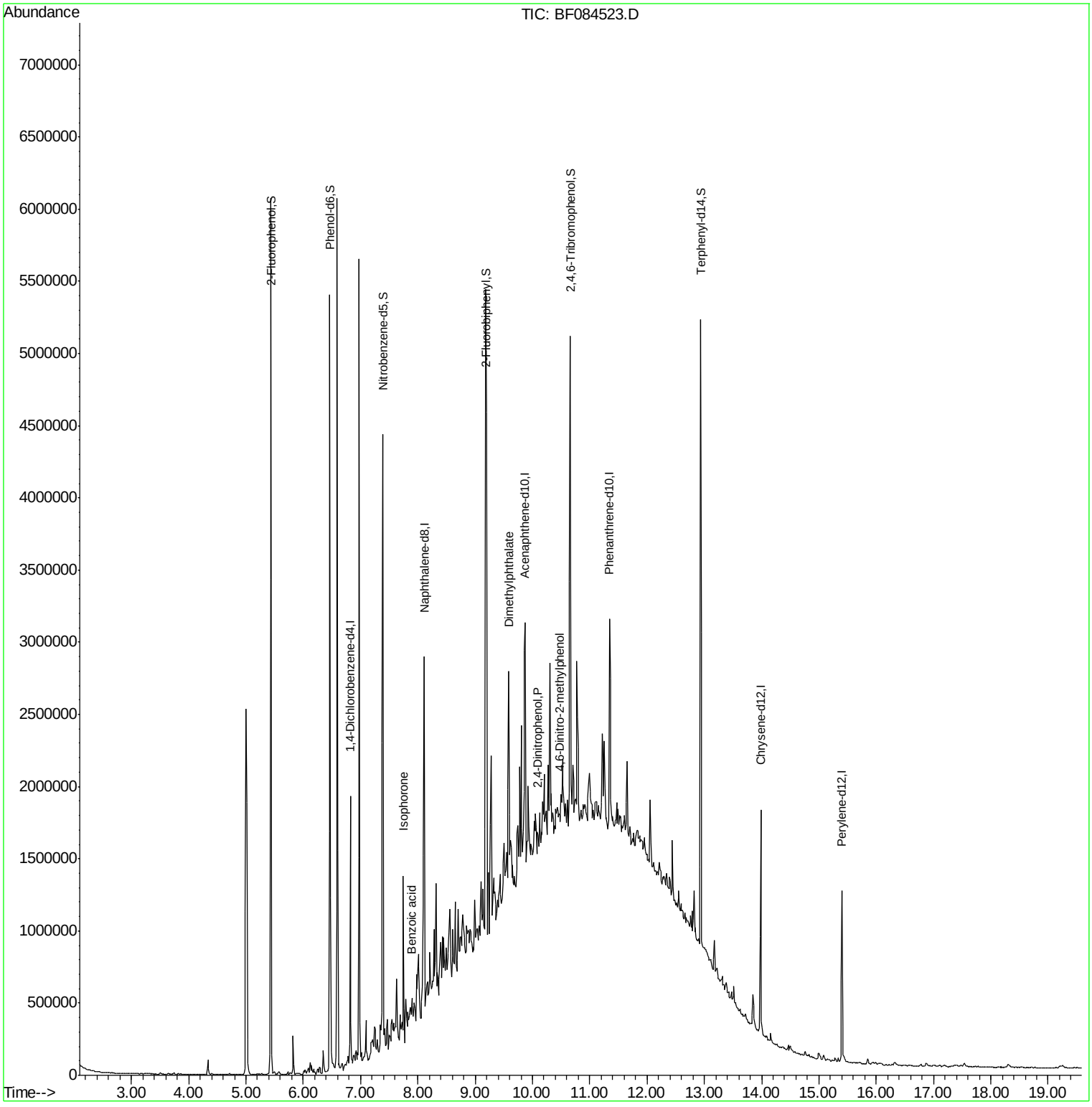
(#) = qualifier out of range (m) = manual integration (+) = signals summed

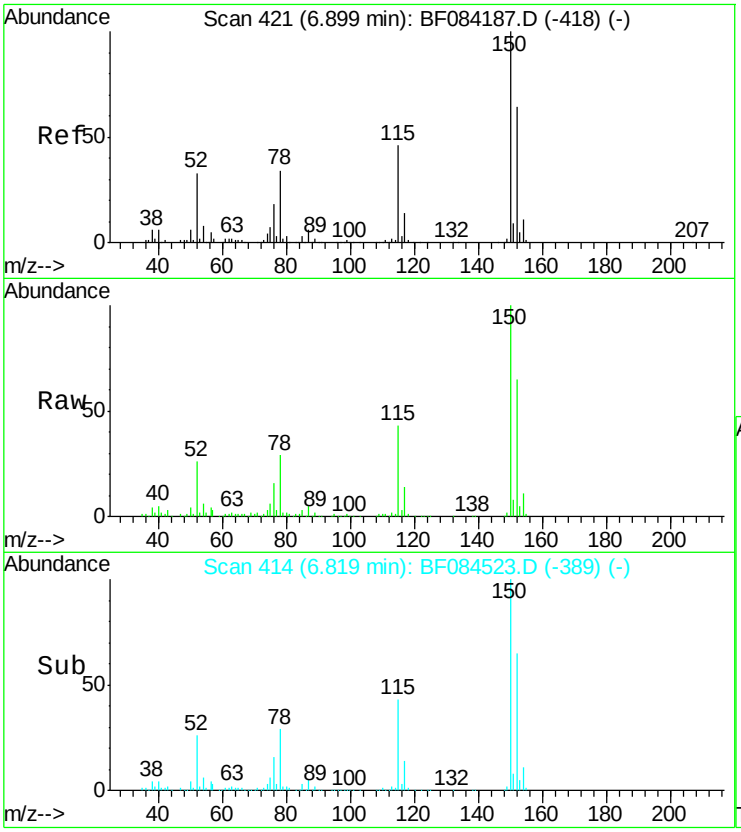
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
Data File : BF084523.D
Acq On : 16 Jan 2016 6:44
Operator : SJ/UM
Sample : H1134-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-13

Quant Time: Jan 18 00:09:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration



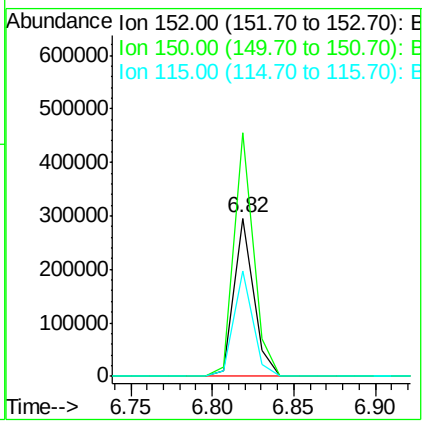


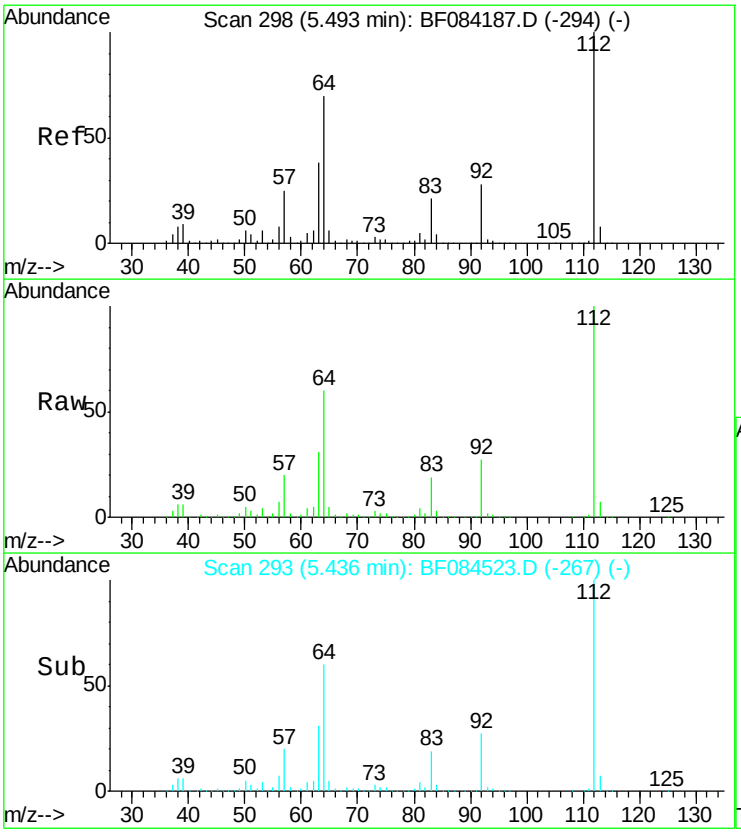
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Instrument :
BNA_F
ClientSampleId :
UST-13

Tgt Ion:152 Resp: 243968

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.0	184.4
115	66.9	51.4	77.2

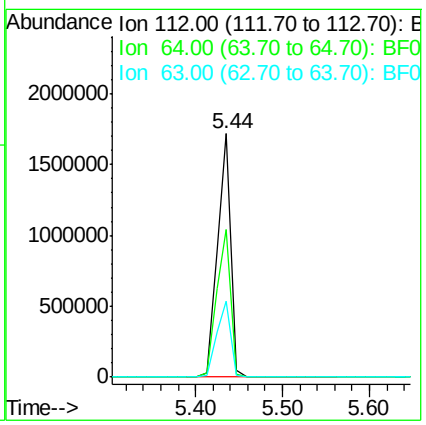


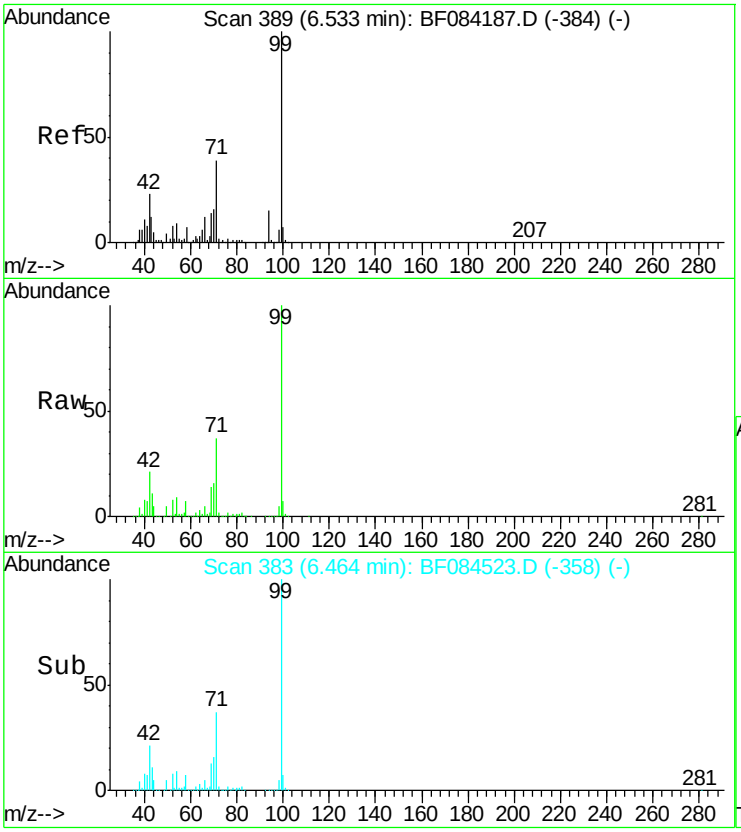


#5
2-Fluorophenol
Concen: 123.26 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Tgt Ion:112 Resp: 1859181

Ion	Ratio	Lower	Upper
112	100		
64	60.4	36.6	55.0#
63	31.2	19.4	29.0#



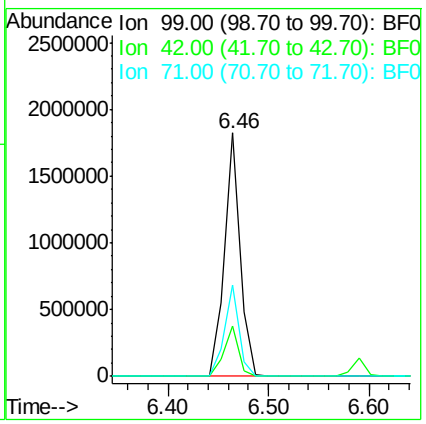


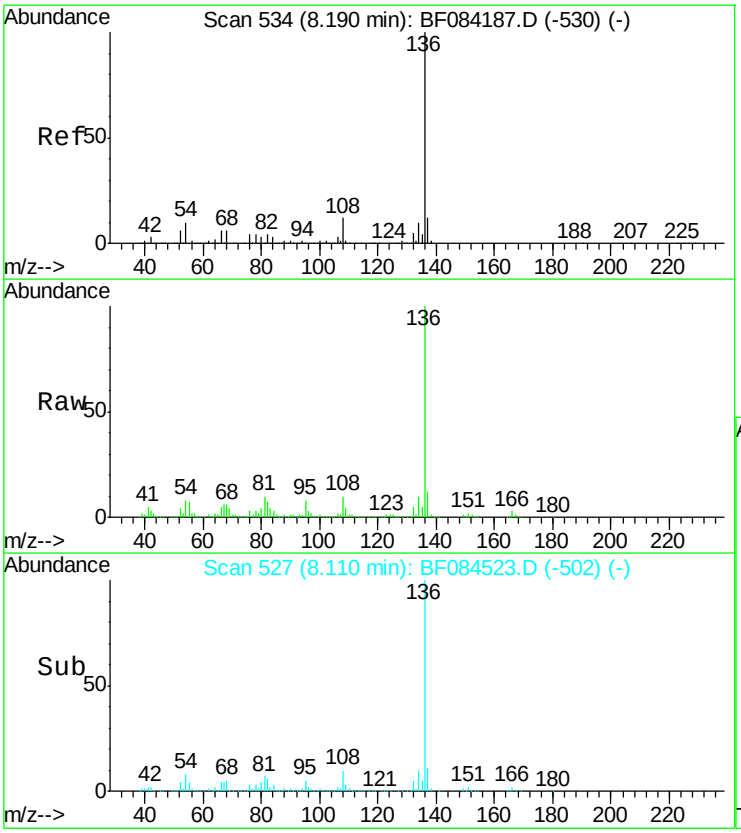
#7
Phenol-d6
Concen: 104.76 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Instrument :
BNA_F
ClientSampleId :
UST-13

Tgt Ion: 99 Resp: 1984446

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	37.3	30.9	46.3

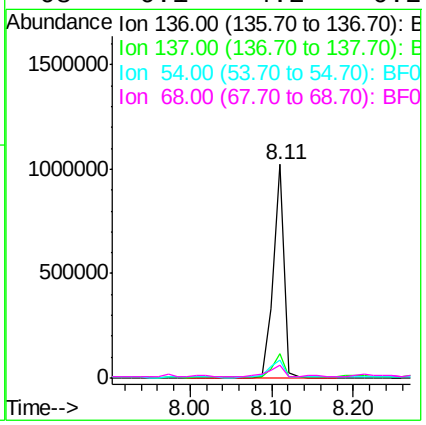


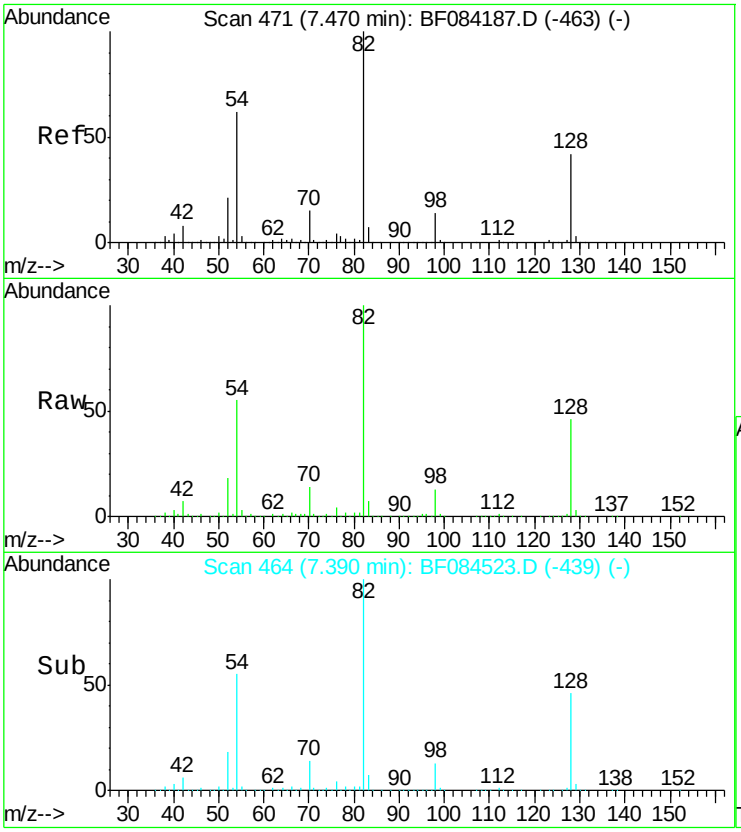


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Tgt Ion:136 Resp: 961744

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	8.3	5.8	8.8
68	6.1	4.2	6.2



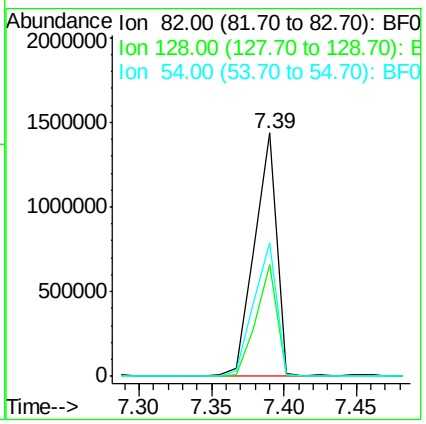


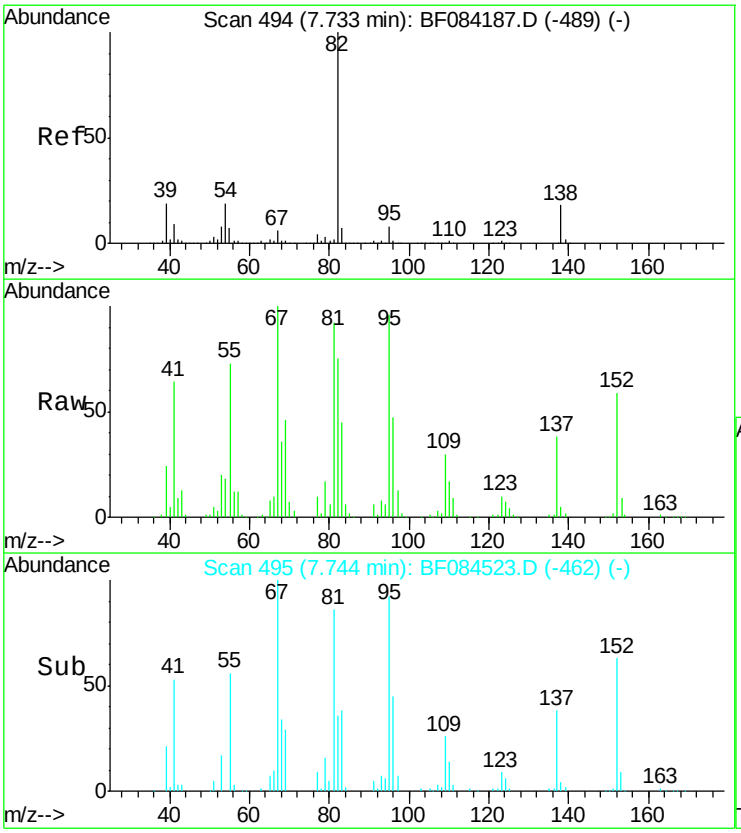
#23
Nitrobenzene-d5
Concen: 88.87 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Instrument :
BNA_F
ClientSampleId :
UST-13

Tgt Ion: 82 Resp: 1535763

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.6	51.8
54	54.7	38.4	57.6

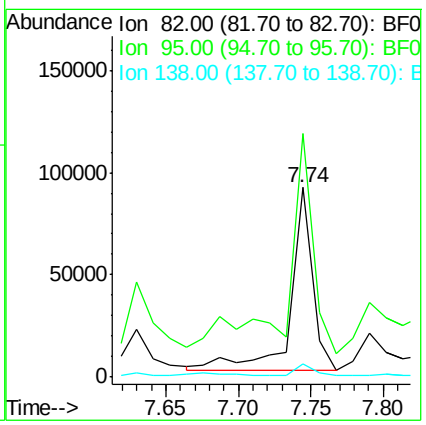


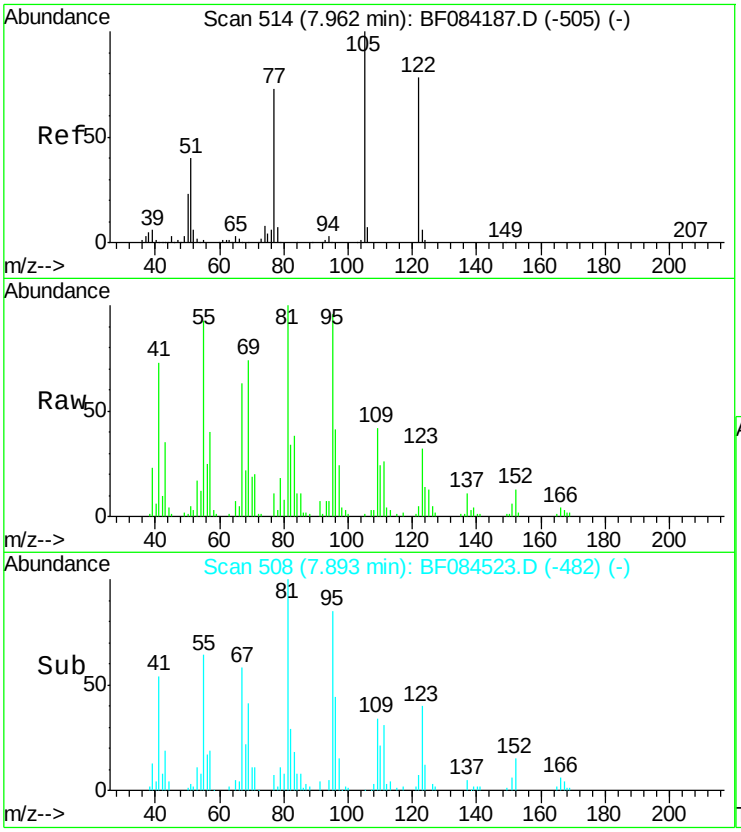


#25
Isophorone
Concen: 2.82 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.08 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Tgt Ion: 82 Resp: 93314

Ion	Ratio	Lower	Upper
82	100		
95	128.4	6.6	10.0#
138	6.9	13.6	20.4#



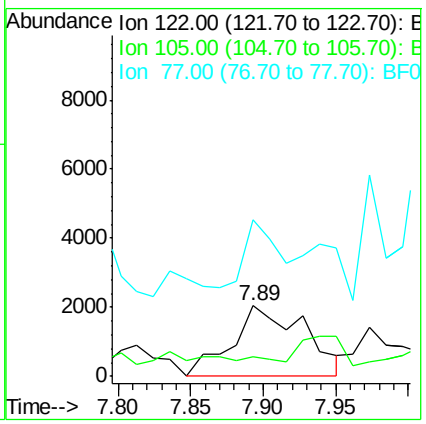


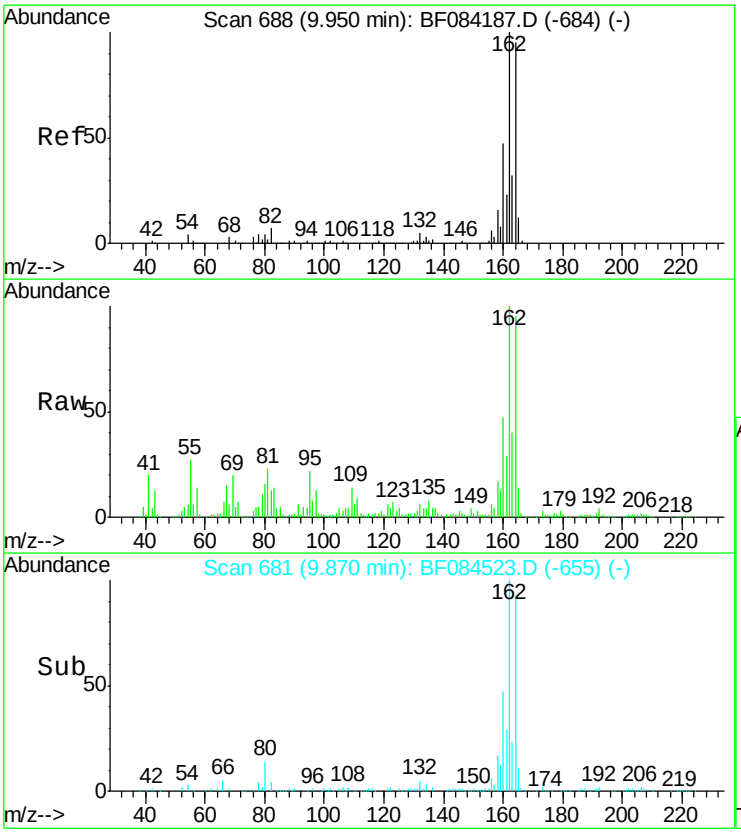
#32
Benzoic acid
Concen: 6.84 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Instrument :
BNA_F
ClientSampleId :
UST-13

Tgt Ion:122 Resp: 7106

Ion	Ratio	Lower	Upper
122	100		
105	28.5	100.3	140.3#
77	223.5	63.5	103.5#

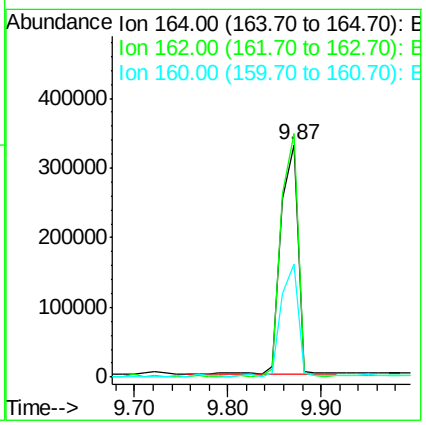


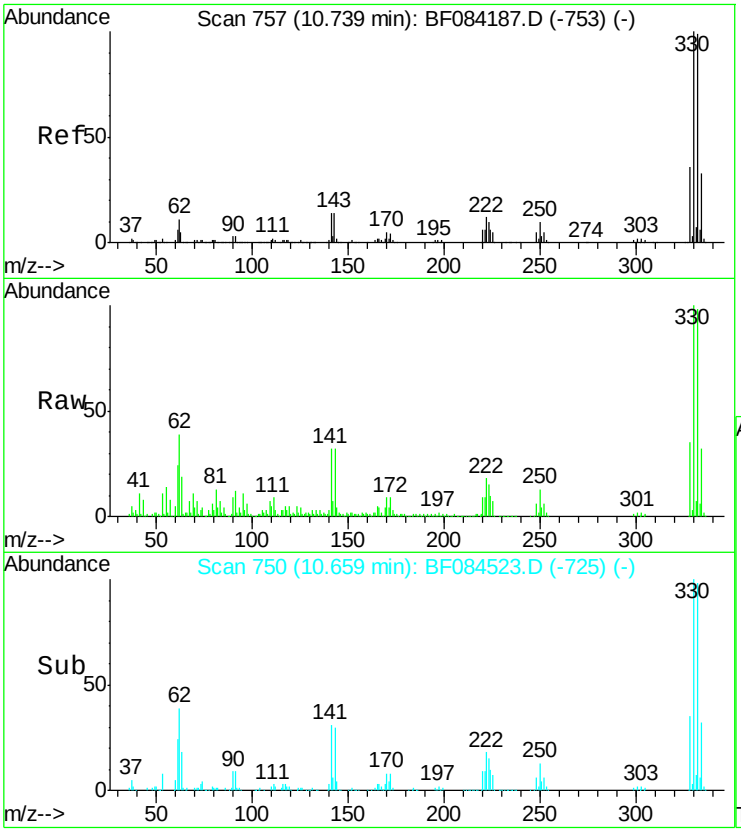


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Tgt Ion:164 Resp: 416546

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.1	127.7
160	48.8	37.5	56.3



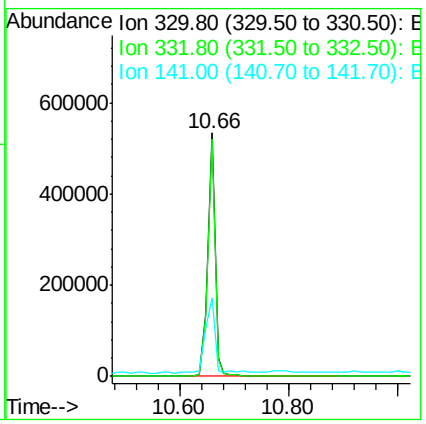


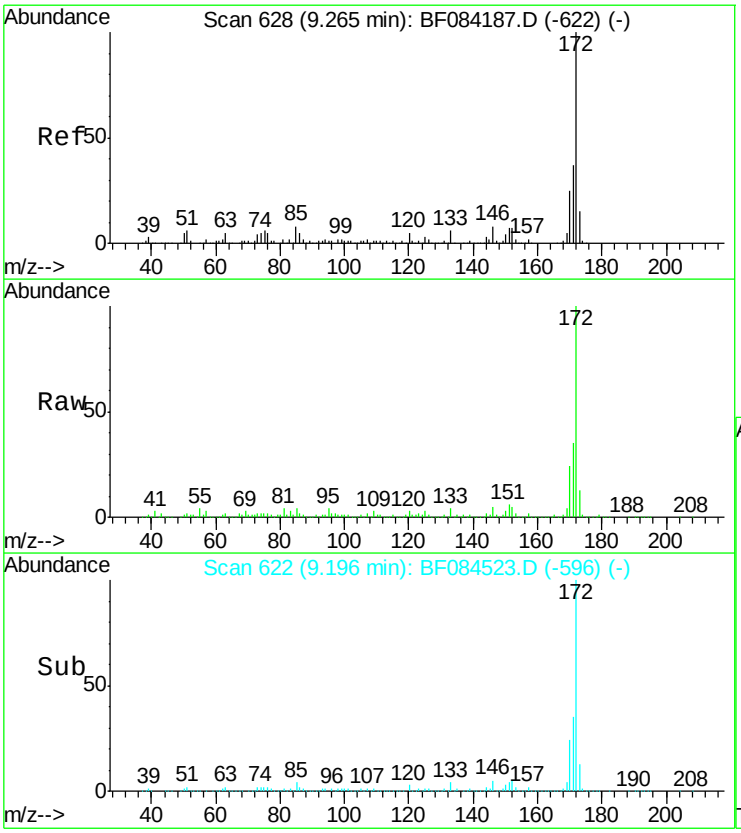
#41
2,4,6-Tribromophenol
Concen: 120.19 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Instrument :
BNA_F
ClientSampleId :
UST-13

Tgt Ion:330 Resp: 505428

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	39.7	27.8	41.6

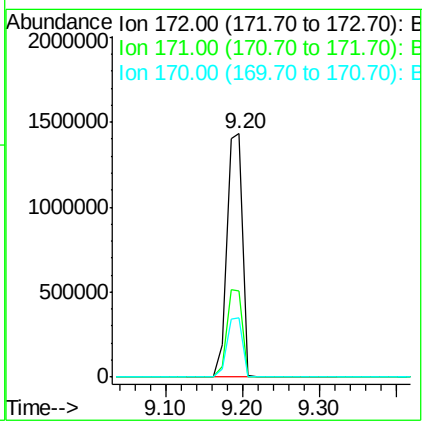


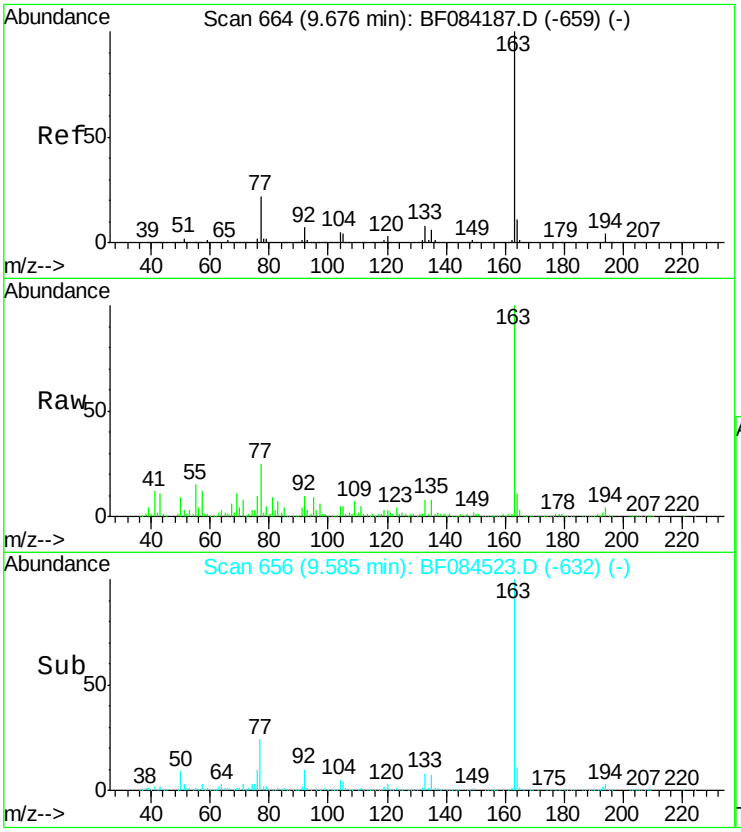


#44
2-Fluorobiphenyl
Concen: 89.03 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Tgt Ion:172 Resp: 2101061

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.3	18.6	27.8



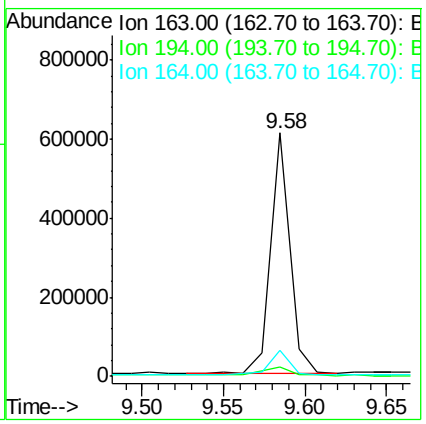


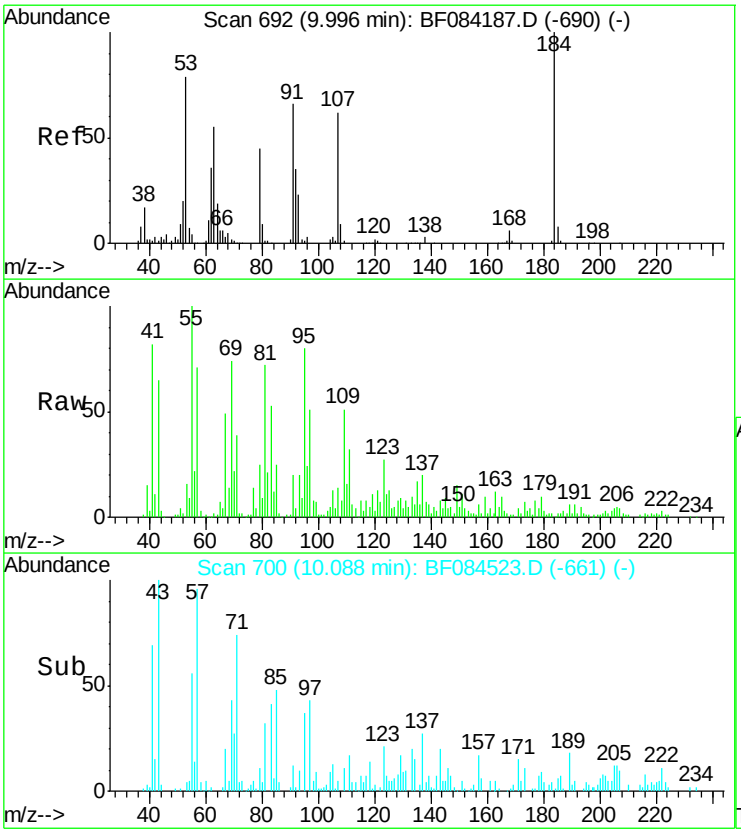
#49
Dimethylphthalate
Concen: 16.92 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Instrument :
BNA_F
ClientSampleId :
UST-13

Tgt Ion:163 Resp: 503801

Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	10.9	8.0	12.0

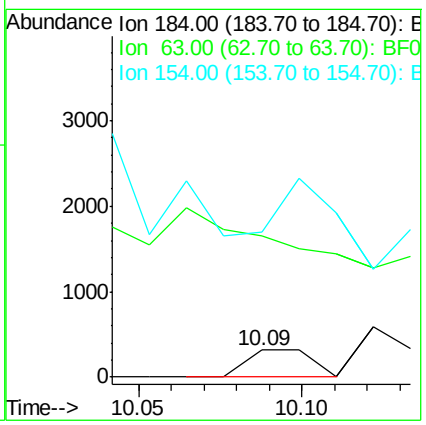


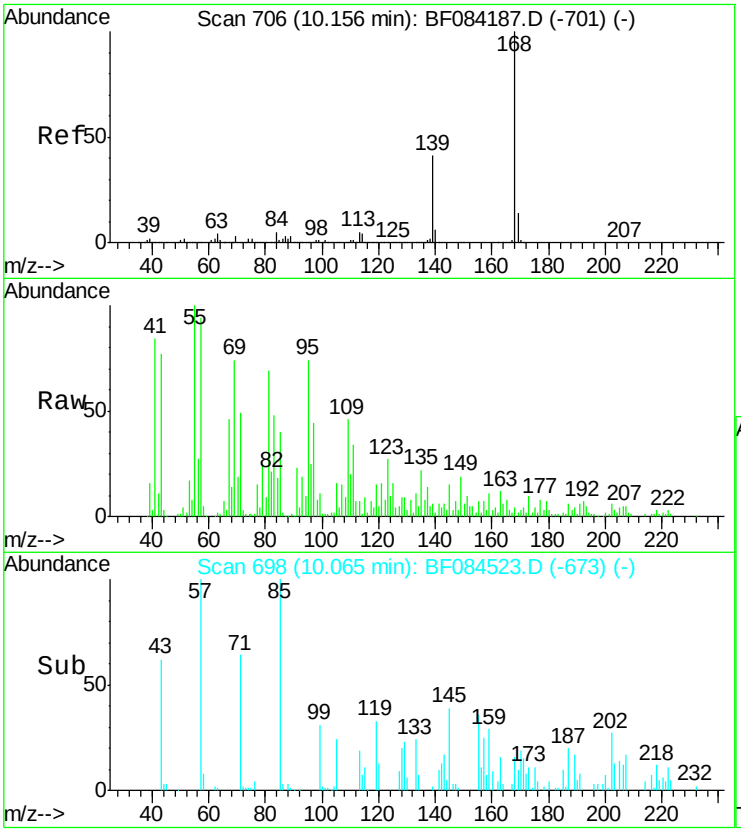


#53
2,4-Dinitrophenol
Concen: 3.70 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.15 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Tgt Ion:184 Resp: 430

Ion	Ratio	Lower	Upper
184	100		
63	528.3	43.1	64.7#
154	539.5	60.5	90.7#



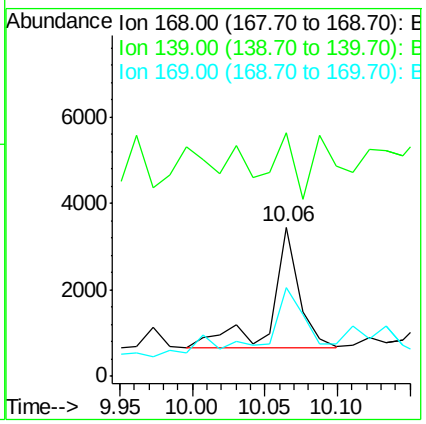


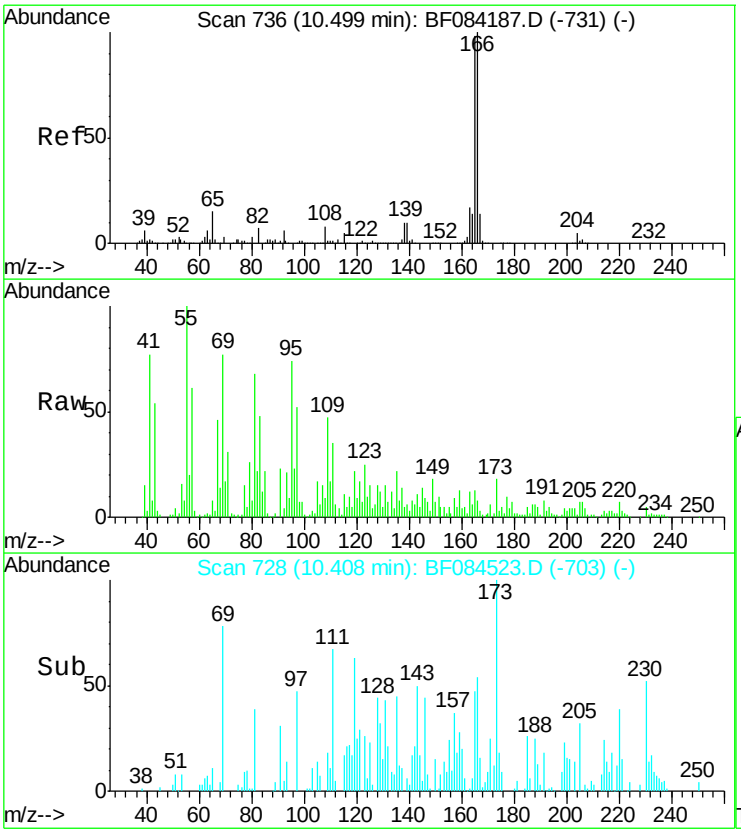
#54
Dibenzofuran
Concen: Below Cal
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Instrument :
BNA_F
ClientSampleId :
UST-13

Tgt Ion:168 Resp: 3610

Ion	Ratio	Lower	Upper
168	100		
139	162.8	30.5	45.7#
169	59.7	10.4	15.6#

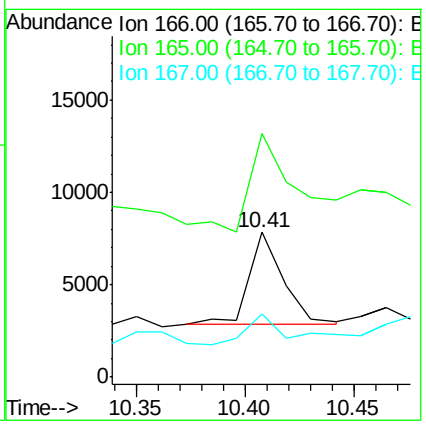


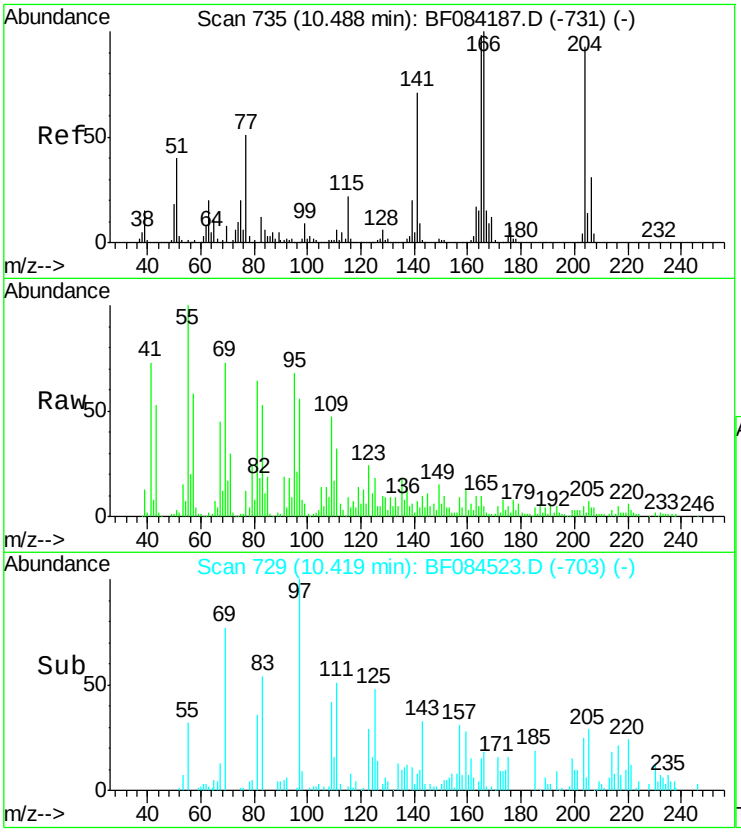


#57
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Tgt Ion:166 Resp: 5381

Ion	Ratio	Lower	Upper
166	100		
165	168.4	79.1	118.7#
167	43.3	10.4	15.6#



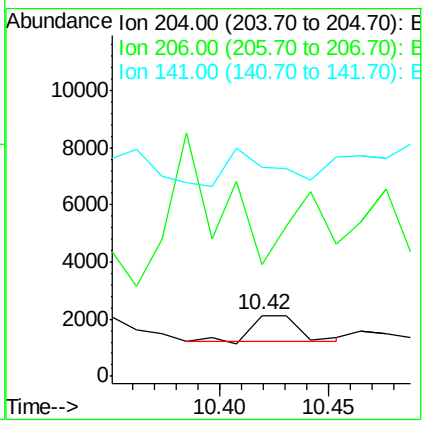


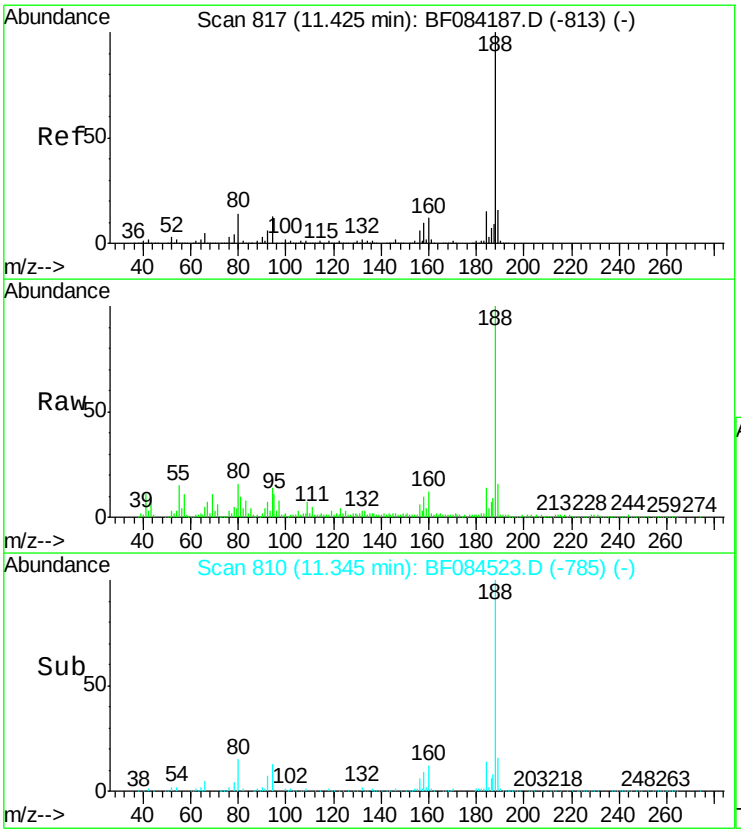
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Instrument :
BNA_F
ClientSampleId :
UST-13

Tgt Ion:204 Resp: 1451

Ion	Ratio	Lower	Upper
204	100		
206	184.4	25.7	38.5#
141	344.9	55.1	82.7#

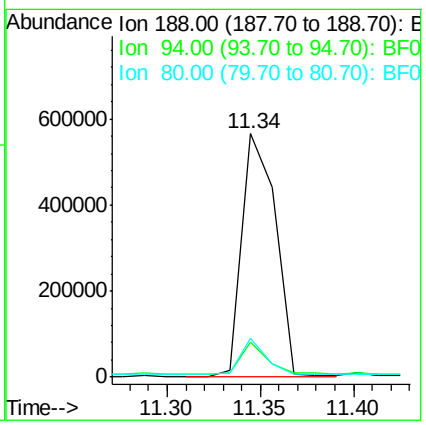


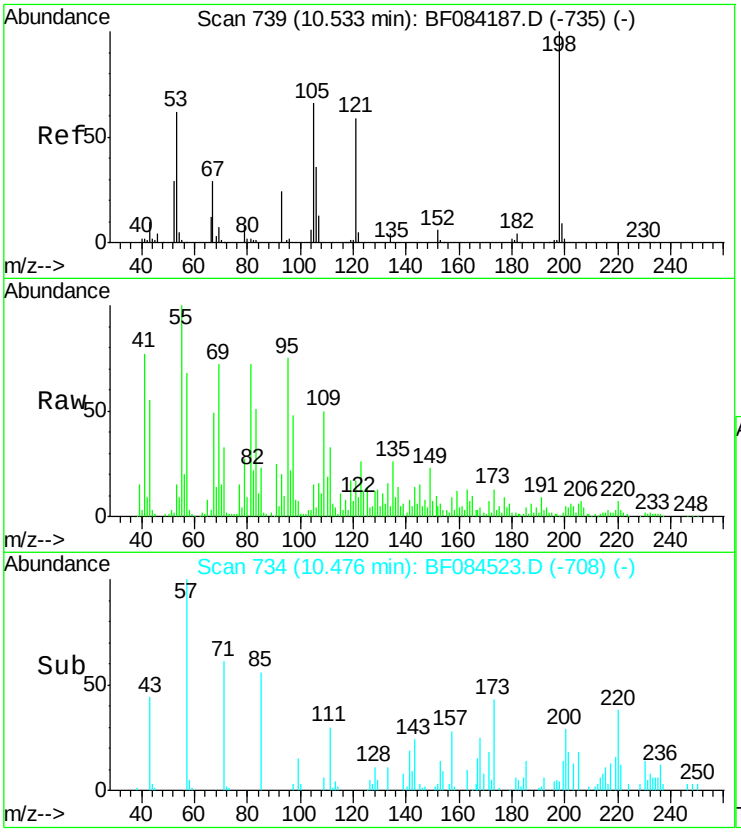


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Tgt Ion:188 Resp: 701945

Ion	Ratio	Lower	Upper
188	100		
94	14.2	9.0	13.4#
80	15.9	9.6	14.4#



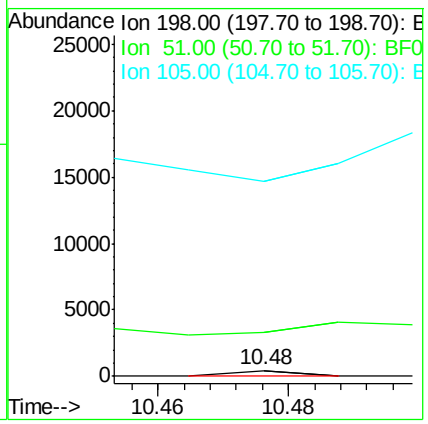


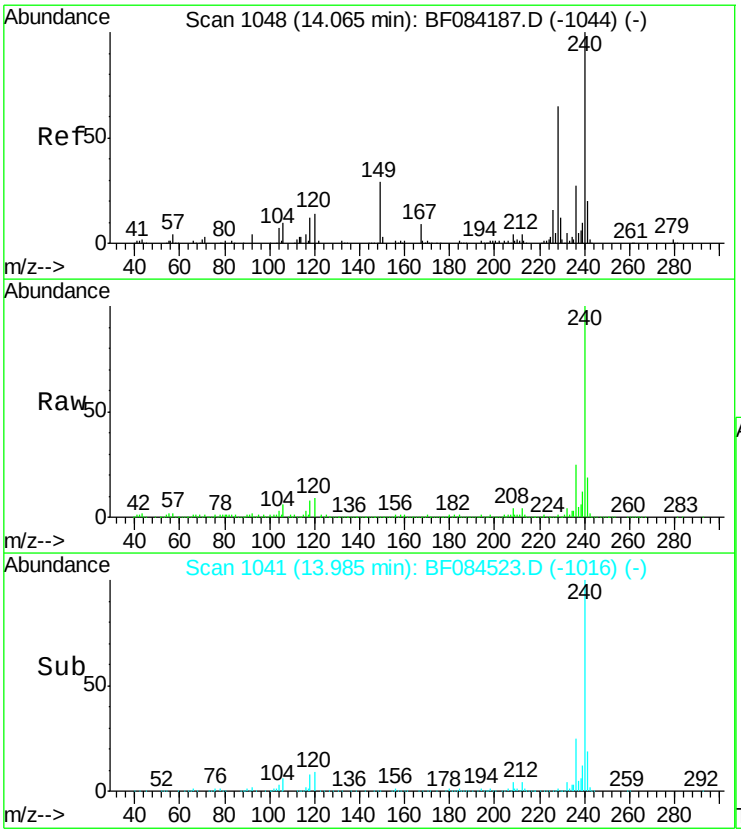
#64
4,6-Dinitro-2-methylphenol
Concen: 6.48 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Instrument :
BNA_F
ClientSampleId :
UST-13

Tgt Ion:198 Resp: 306

Ion	Ratio	Lower	Upper
198	100		
51	741.7	18.9	58.9#
105	3291.7	26.4	66.4#

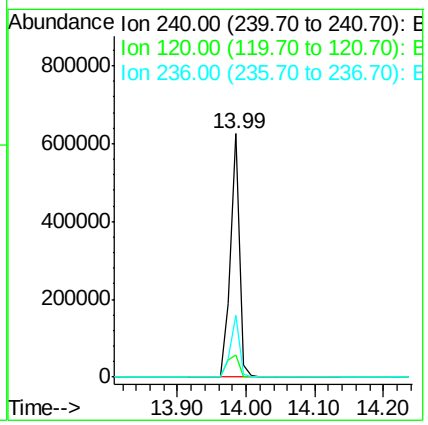


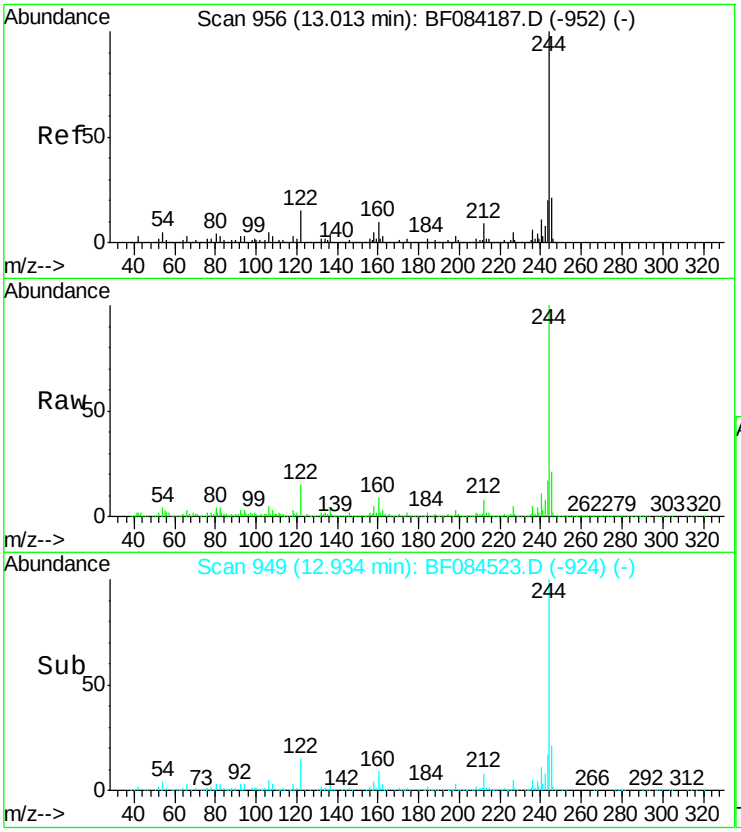


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Tgt Ion:240 Resp: 593921

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	25.4	20.6	31.0



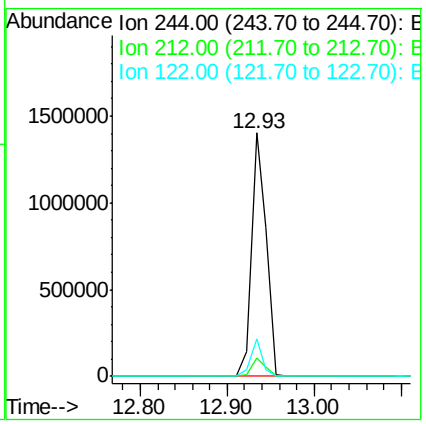


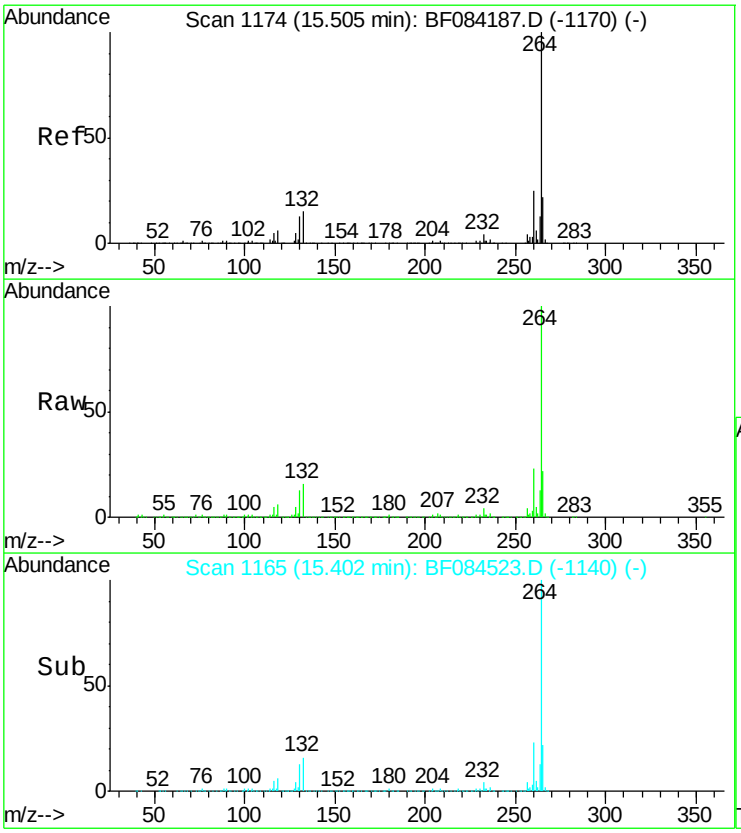
#78
Terphenyl-d14
Concen: 62.44 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Instrument :
BNA_F
ClientSampleId :
UST-13

Tgt Ion:244 Resp: 1661318

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	15.2	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF084523.D
Acq: 16 Jan 2016 6:44

Tgt Ion:264 Resp: 525557

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.8	17.8	26.6