Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084396.D
Acq On : 11 Jan 2016 23:21
Operator : SJ/UM
Sample : H1074-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-12-010516

Quant Time: Jan 12 06:01:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	359581	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1465367	20.00	ng		-0.05
38) Acenaphthene-d10	9.89	164	663978	20.00	ng		-0.06
63) Phenanthrene-d10	11.38	188	1093358	20.00	ng		-0.05
75) Chrysene-d12	14.01	240	679674	20.00	ng		-0.06
86) Perylene-d12	15.44	264	570321	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2594270	116.70	ng		-0.02
7) Phenol-d6	6.50	99	2668170	95.56	ng		-0.03
23) Nitrobenzene-d5	7.42	82	2473119	93.93	ng		-0.05
41) 2,4,6-Tribromophenol	10.68	330	736606	109.89	ng		-0.06
44) 2-Fluorobiphenyl	9.22	172	3094784	81.75	ng		-0.04
78) Terphenyl-d14	12.97	244	2667075	87.59	ng		-0.05
Target Compounds							Qvalue
31) Naphthalene	8.17	128	1715651	25.81	ng		99
32) Benzoic acid	7.89	122	5551	6.55	ng	#	88
37) 2-Methylnaphthalene	8.85	142	123757	2.59	ng		97

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

Quantitation Report (LSC Reviewed)

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Misc :
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Instrument :
BNA_F
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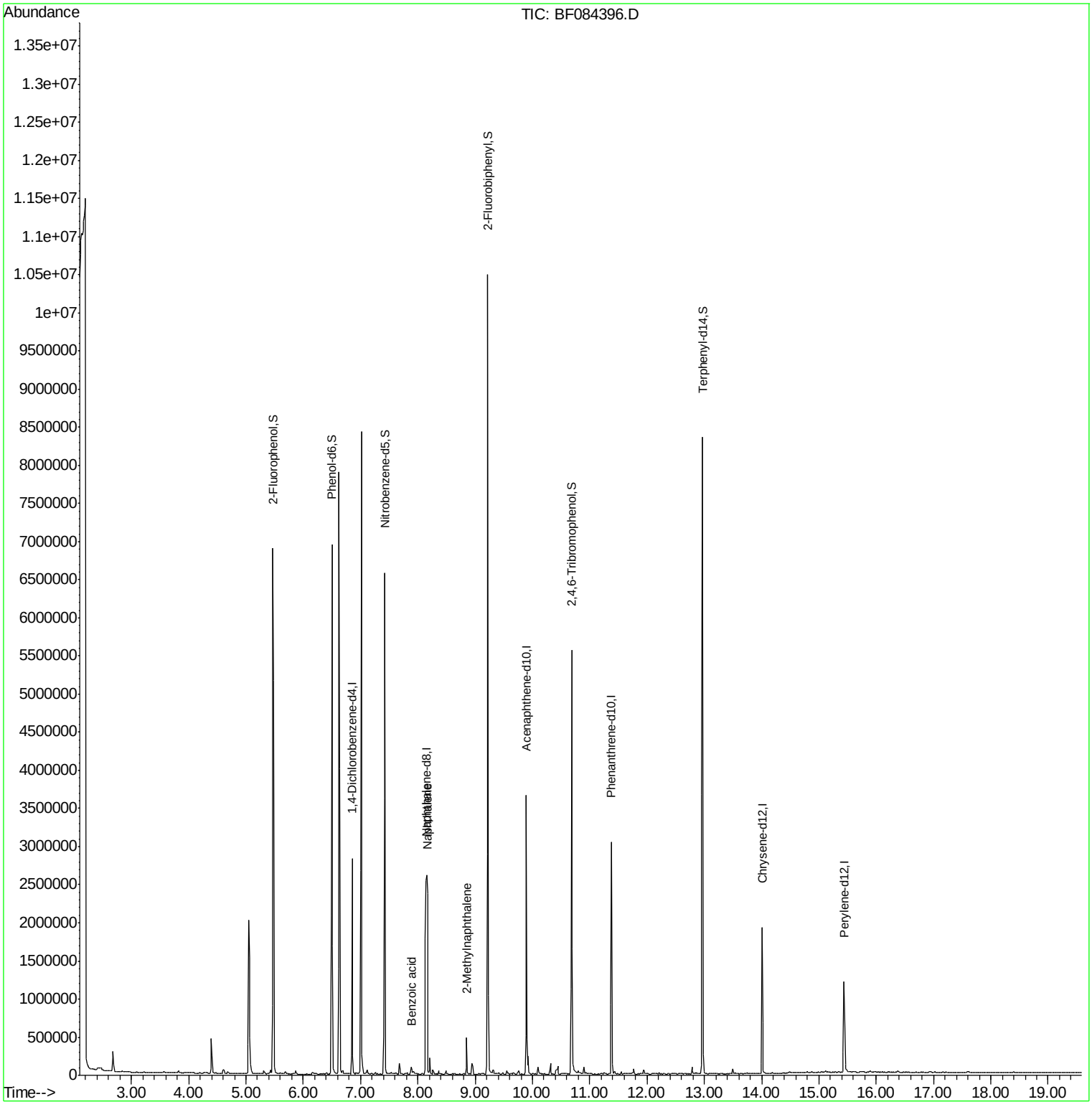
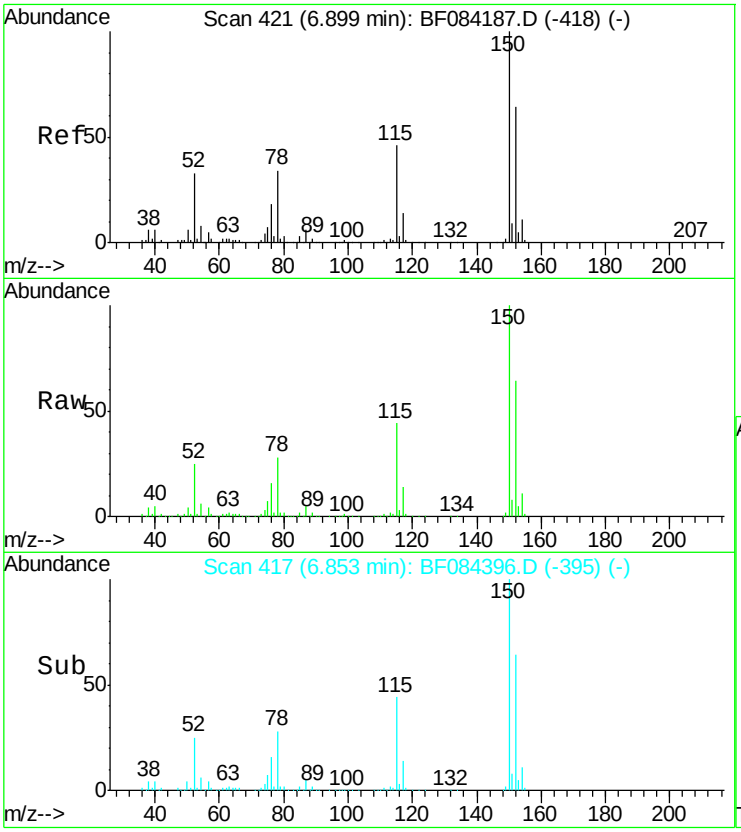
HSR-WC-12-010516

Quant Time: Jan 12 06:01:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



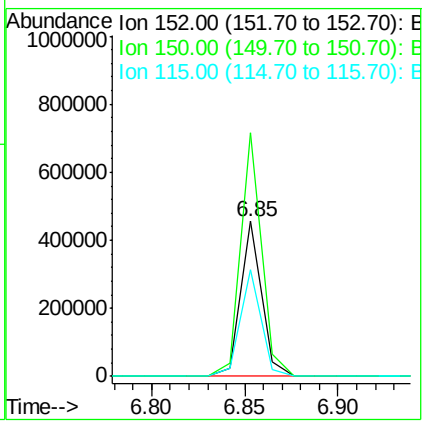


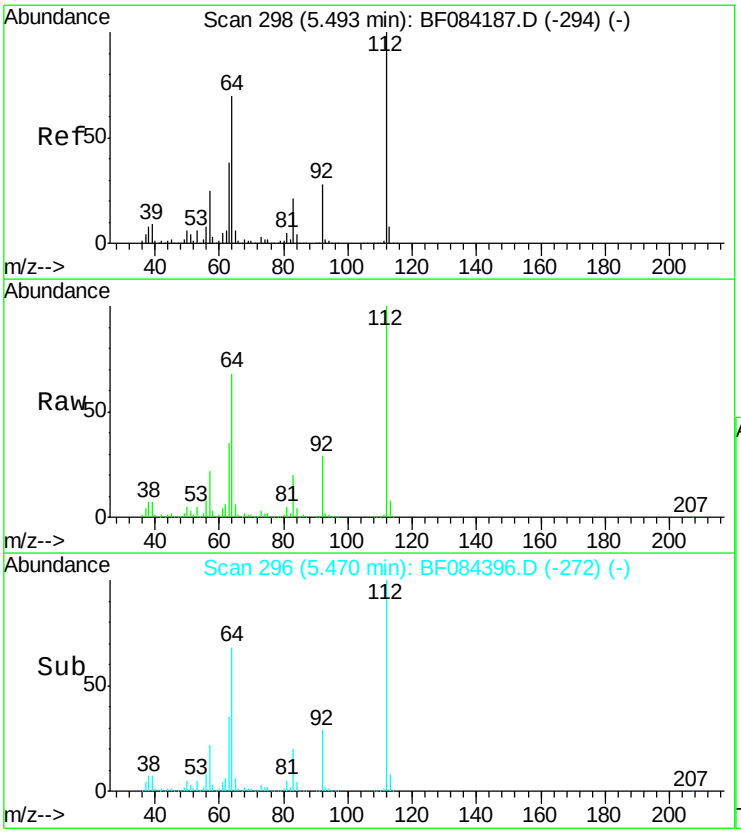
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Instrument :
BNA_F
ClientSampleId :
HSR-WC-12-010516

Tgt Ion:152 Resp: 359581

Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.0	184.4
115	68.7	51.4	77.2

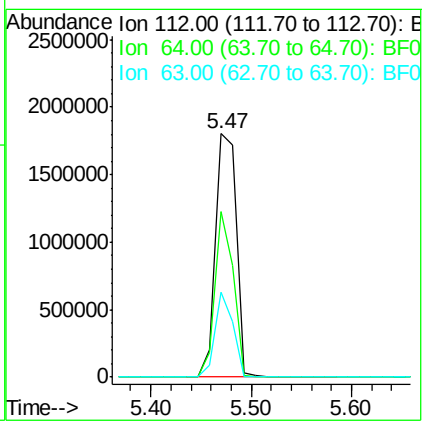


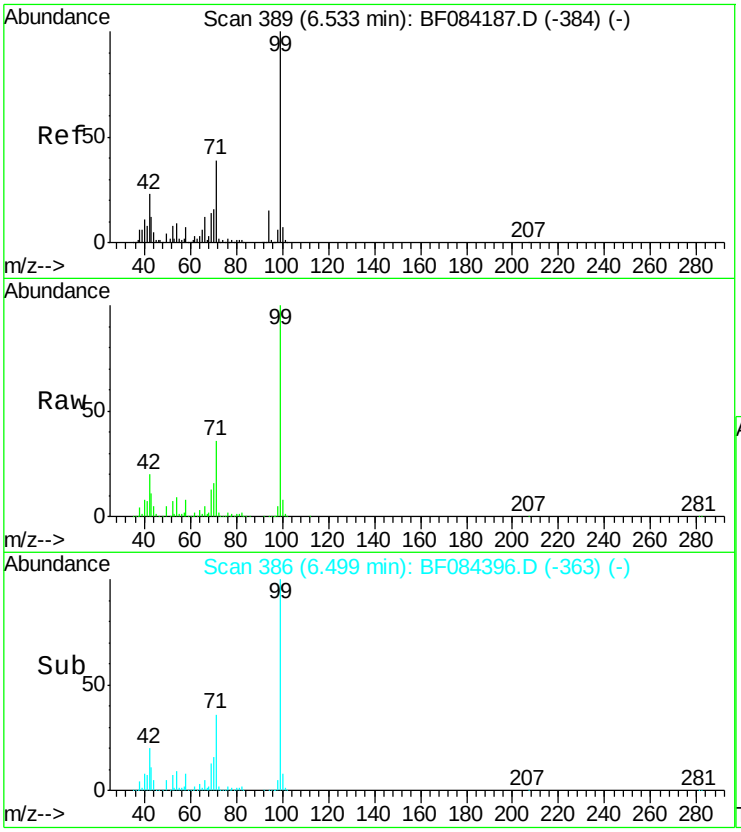


#5
2-Fluorophenol
Concen: 116.70 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Tgt Ion:112 Resp: 2594270

Ion	Ratio	Lower	Upper
112	100		
64	68.1	36.6	55.0#
63	35.1	19.4	29.0#



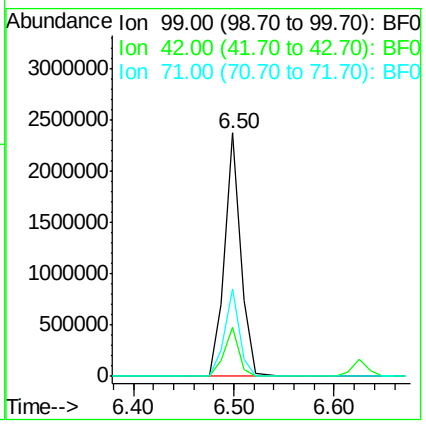


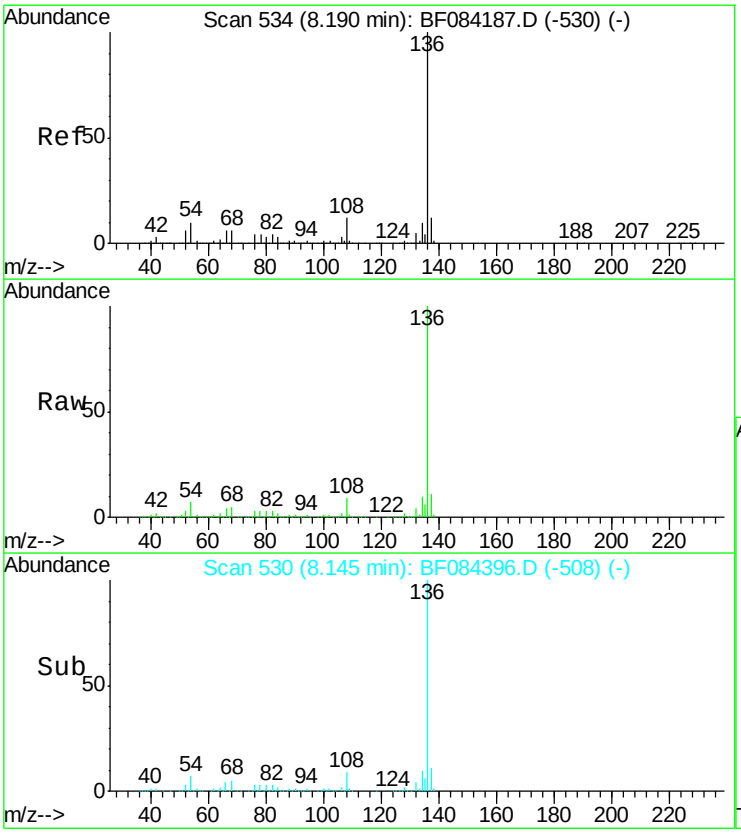
#7
Phenol-d6
Concen: 95.56 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.03 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Instrument :
BNA_F
ClientSampleId :
HSR-WC-12-010516

Tgt Ion: 99 Resp: 2668170

Ion	Ratio	Lower	Upper
99	100		
42	20.1	12.8	19.2#
71	35.8	30.9	46.3

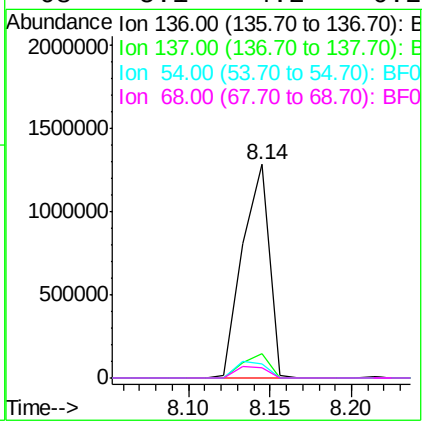


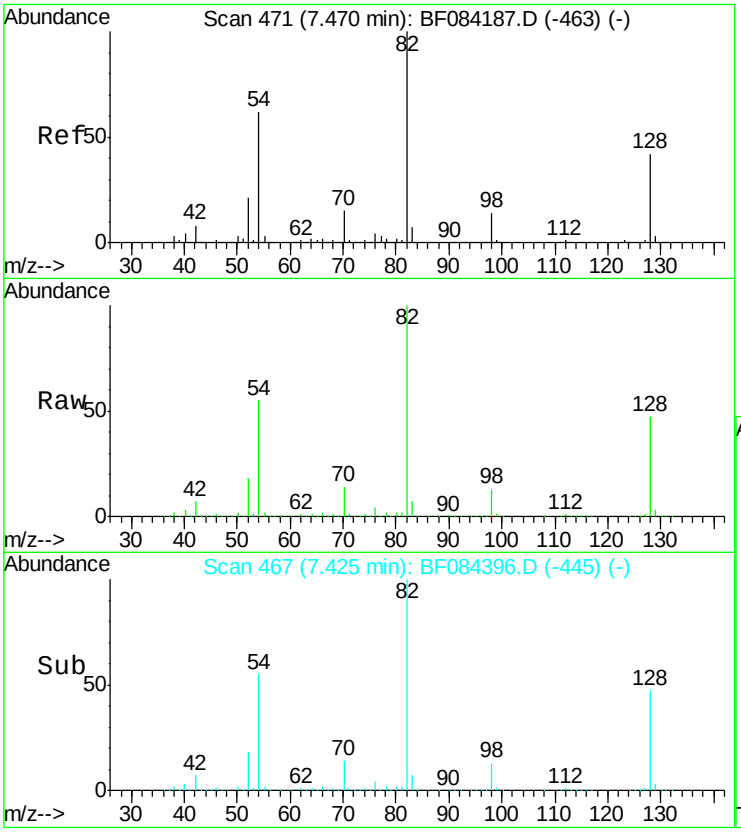


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Tgt Ion:136 Resp: 1465367

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.8	5.8	8.8
68	5.1	4.2	6.2



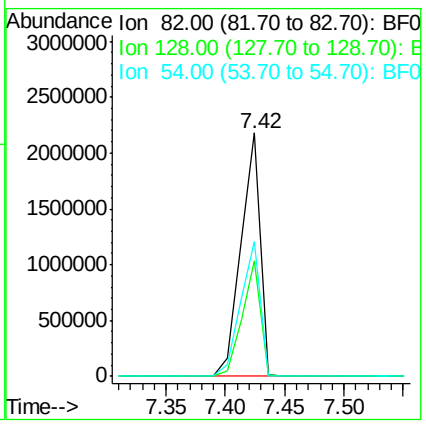


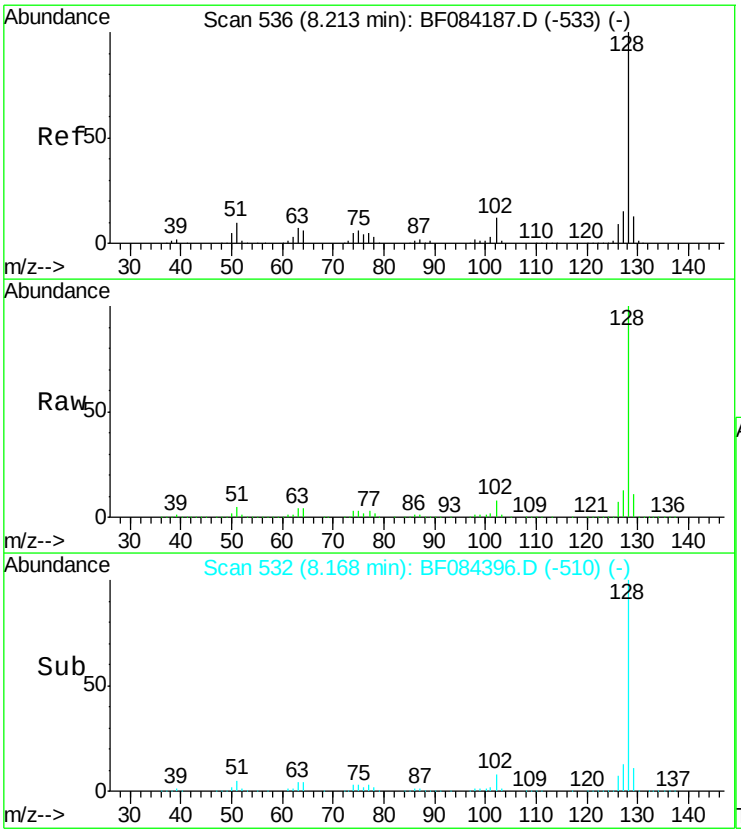
#23
Nitrobenzene-d5
Concen: 93.93 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Instrument :
BNA_F
ClientSampleId :
HSR-WC-12-010516

Tgt Ion: 82 Resp: 2473119

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.6	51.8
54	55.2	38.4	57.6

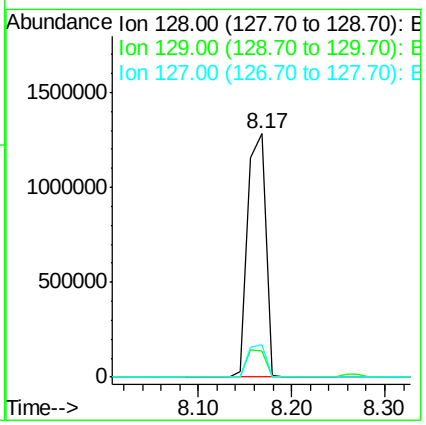


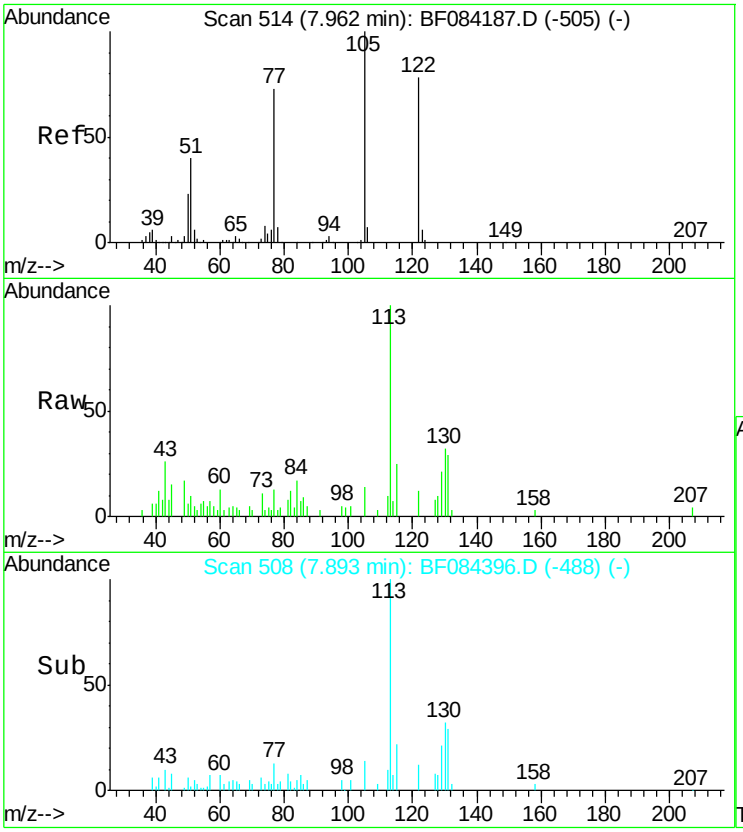


#31
Naphthalene
Concen: 25.81 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Tgt Ion:128 Resp: 1715651

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.4	11.1	16.7



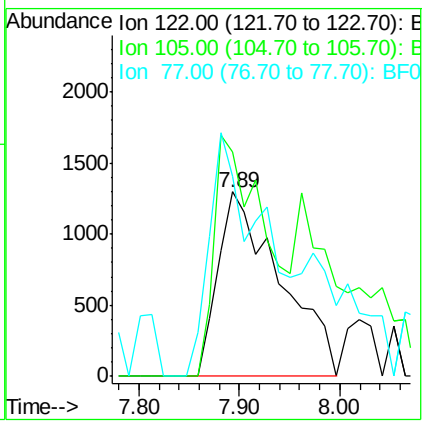


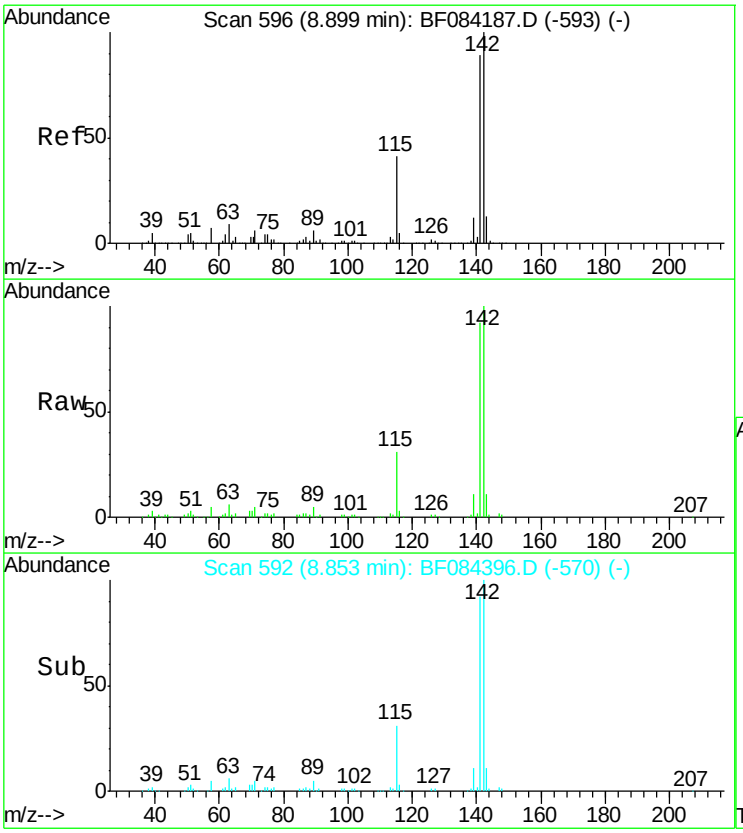
#32
Benzoic acid
Concen: 6.55 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.07 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Instrument :
BNA_F
ClientSampleId :
HSR-WC-12-010516

Tgt Ion:122 Resp: 5551

Ion	Ratio	Lower	Upper
122	100		
105	121.3	100.3	140.3
77	108.2	63.5	103.5#

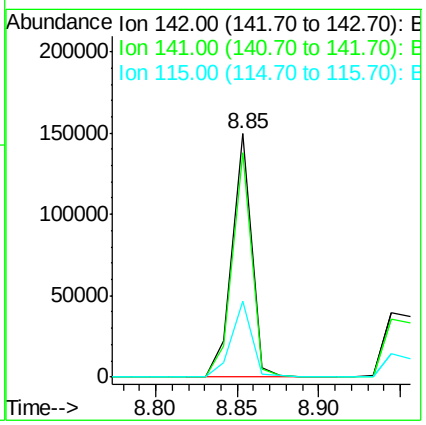


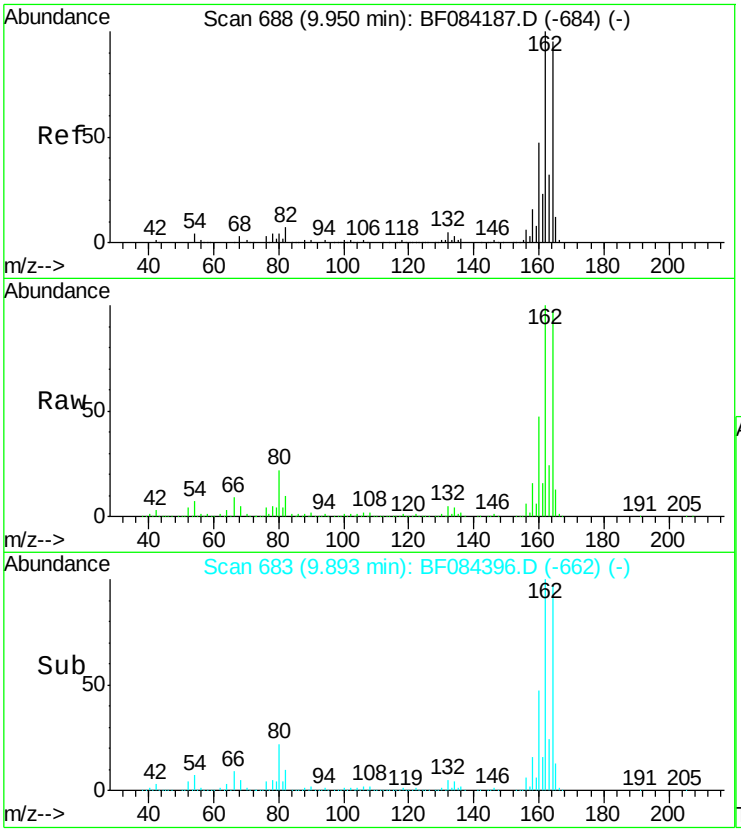


#37
2-Methylnaphthalene
Concen: 2.59 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.05 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Tgt Ion:142 Resp: 123757

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.4	108.6
115	31.4	27.9	41.9



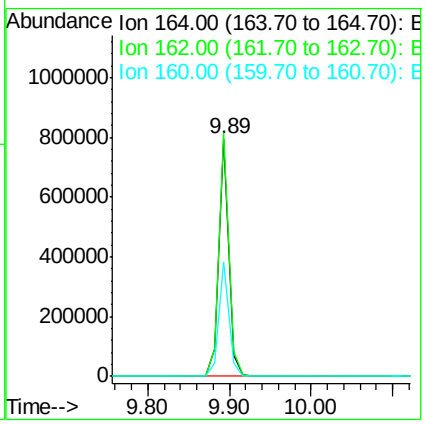


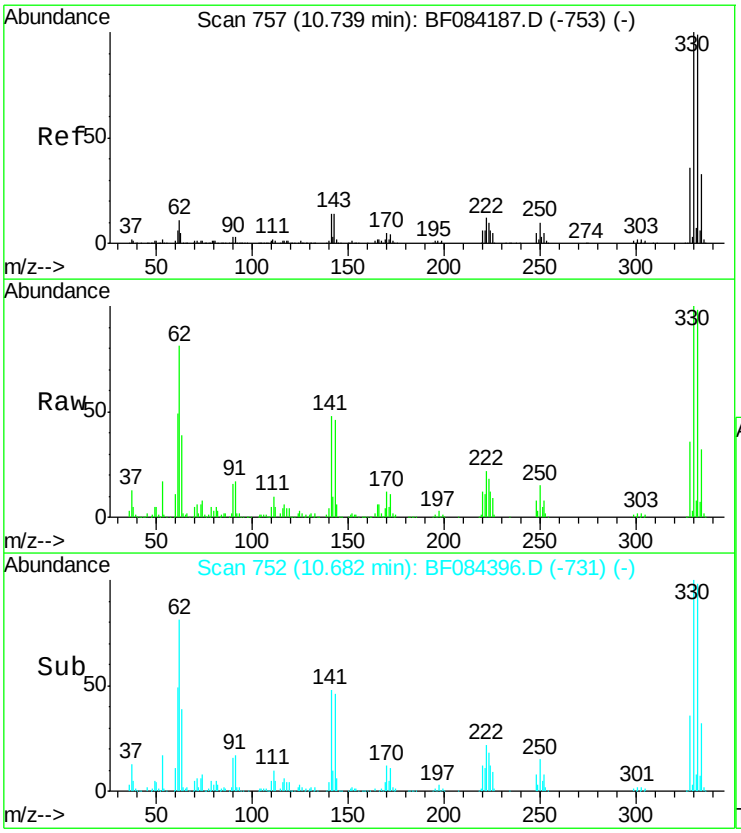
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Instrument :
BNA_F
ClientSampleId :
HSR-WC-12-010516

Tgt Ion:164 Resp: 663978

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	47.9	37.5	56.3

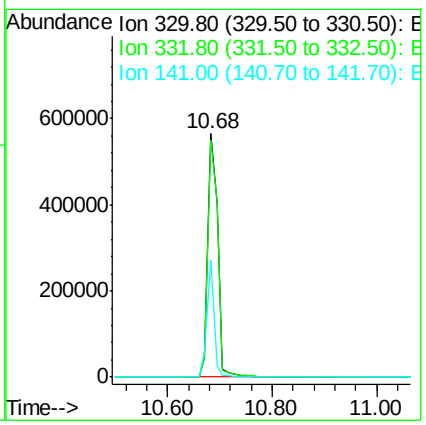


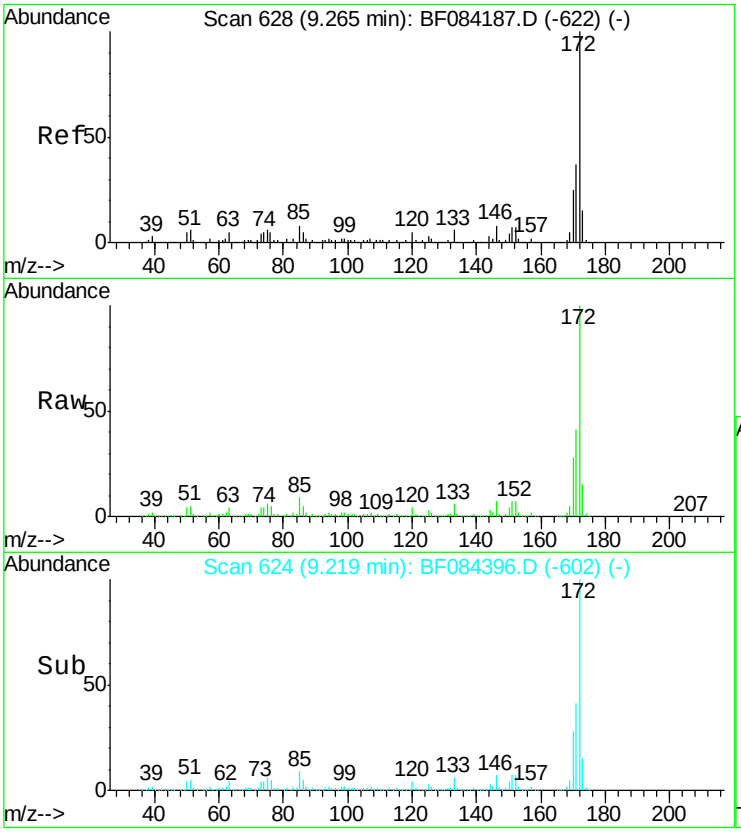


#41
2,4,6-Tribromophenol
Concen: 109.89 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.06 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Tgt Ion:330 Resp: 736606

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	114.8
141	35.1	27.8	41.6



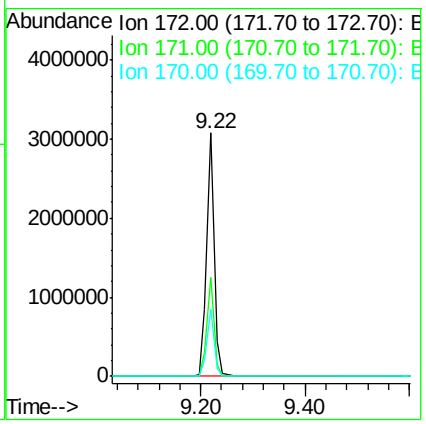


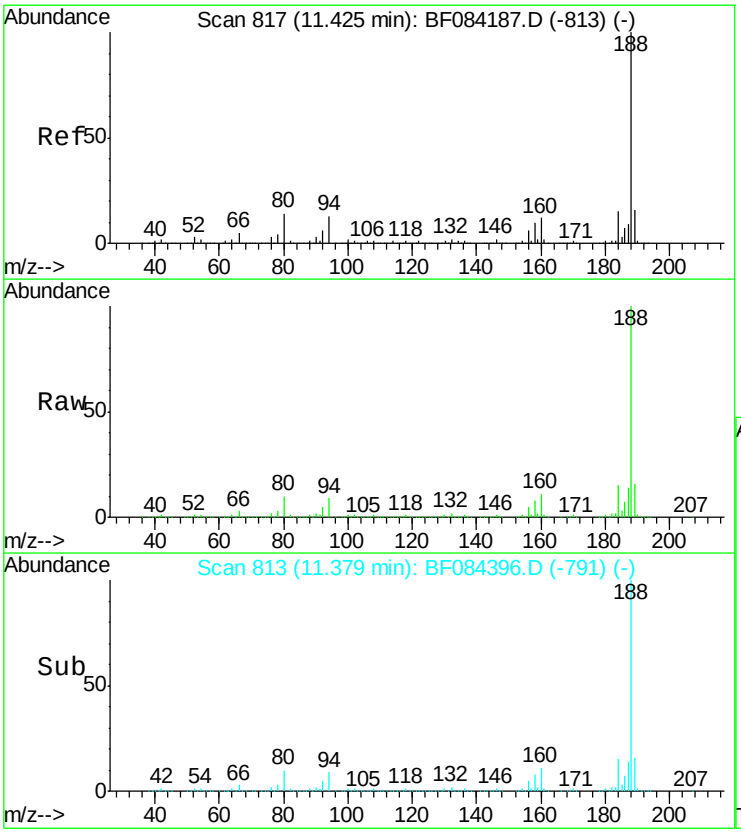
#44
2-Fluorobiphenyl
Concen: 81.75 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Instrument :
BNA_F
ClientSampleId :
HSR-WC-12-010516

Tgt Ion:172 Resp: 3094784

Ion	Ratio	Lower	Upper
172	100		
171	40.5	28.9	43.3
170	27.7	18.6	27.8

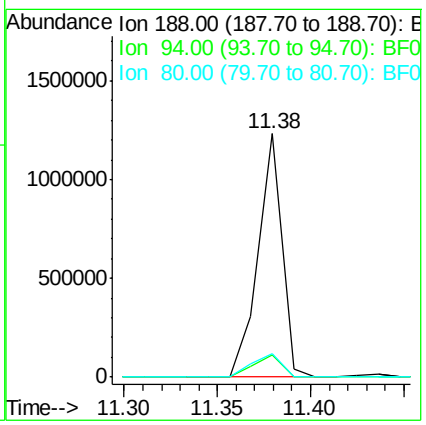


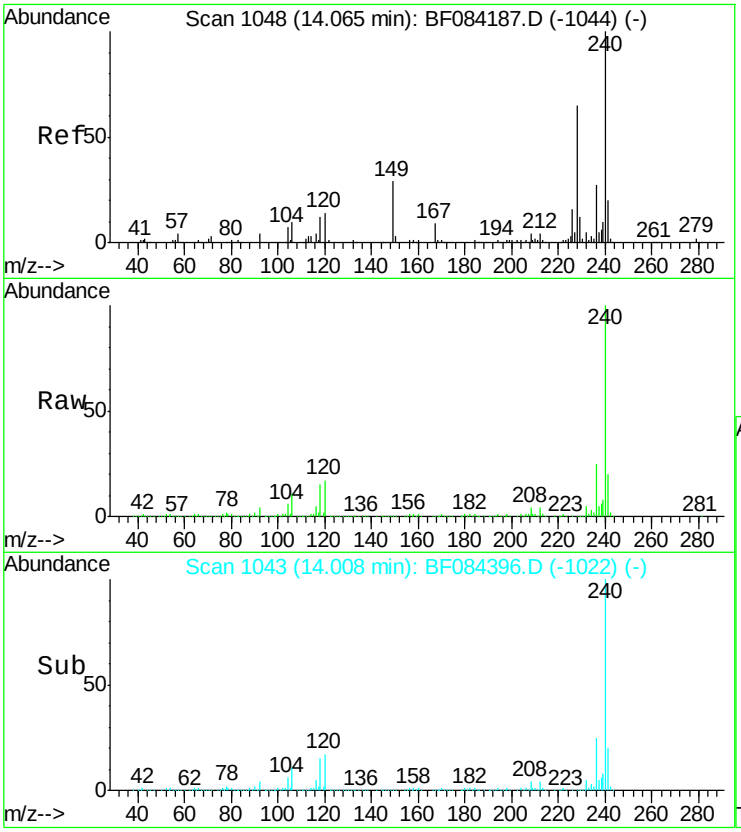


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Tgt Ion:188 Resp: 1093358

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.4
80	9.7	9.6	14.4



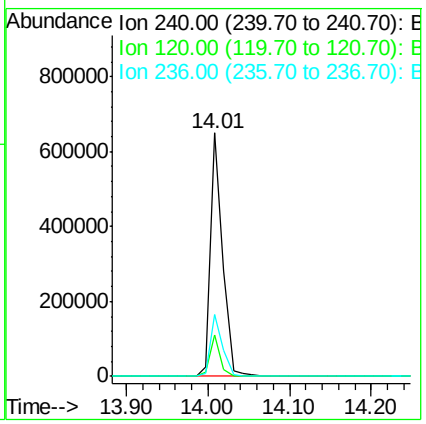


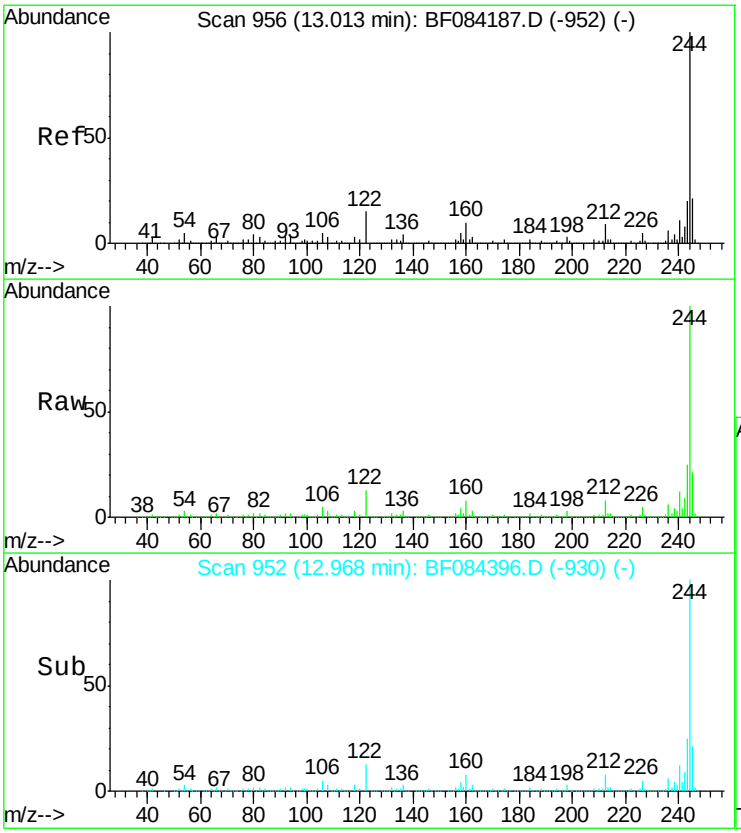
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Instrument :
BNA_F
ClientSampleId :
HSR-WC-12-010516

Tgt Ion:240 Resp: 679674

Ion	Ratio	Lower	Upper
240	100		
120	17.0	9.5	14.3#
236	25.2	20.6	31.0

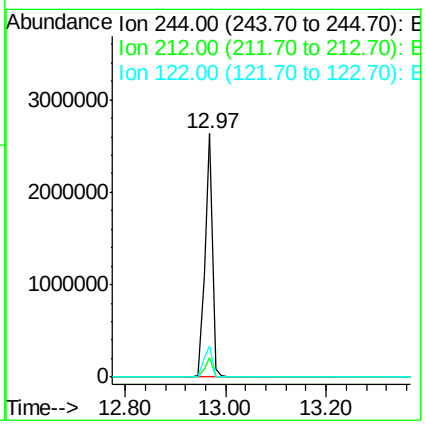


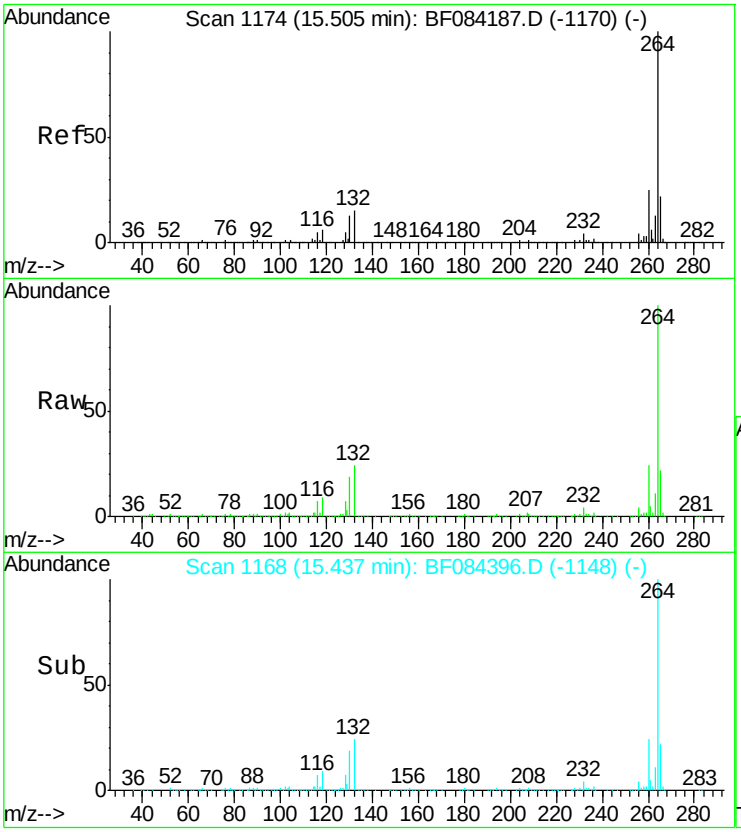


#78
Terphenyl-d14
Concen: 87.59 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Tgt Ion:244 Resp: 2667075

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	13.0	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Instrument :
BNA_F
ClientSampleId :
HSR-WC-12-010516

Tgt Ion:264 Resp: 570321

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.0	17.8	26.6