Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
Data File : BF094524.D
Acq On : 19 Apr 2017 19:08
Operator : SJ/MA
Sample : I2752-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-215-COMP

Quant Time: Apr 20 04:35:54 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	130423	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	528650	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	230350	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	419311	20.00	ng		0.00
75) Chrysene-d12	14.46	240	288850	20.00	ng		0.00
86) Perylene-d12	16.08	264	243615	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	769486	97.88	ng		0.02
7) Phenol-d6	5.40	99	976772	105.40	ng		0.00
23) Nitrobenzene-d5	6.42	82	603263	70.46	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	191960	106.54	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	906070	57.87	ng		0.00
78) Terphenyl-d14	13.20	244	792729	73.36	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.08	163	278312	16.21	ng		99
70) Phenanthrene	11.24	178	62512	2.65	ng		97
74) Fluoranthene	12.70	202	178680	7.30	ng		98
77) Pyrene	12.98	202	143016	7.09	ng		98
80) Benzo(a)anthracene	14.45	228	62781	3.74	ng		99
82) Chrysene	14.49	228	63400	4.13	ng		98
83) Bis(2-ethylhexyl)phthalate	14.52	149	26887	2.26	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.35	276	36058	2.47	ng		95
87) Benzo(b)fluoranthene	15.68	252	76312m	5.12	ng		
89) Benzo(a)pyrene	16.02	252	50255	3.62	ng		99
91) Benzo(g,h,i)perylene	17.72	276	34157	2.91	ng		96

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
Data File : BF094524.D
Acq On : 19 Apr 2017 19:08
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-215-COMP

Quant Time: Apr 20 04:35:54 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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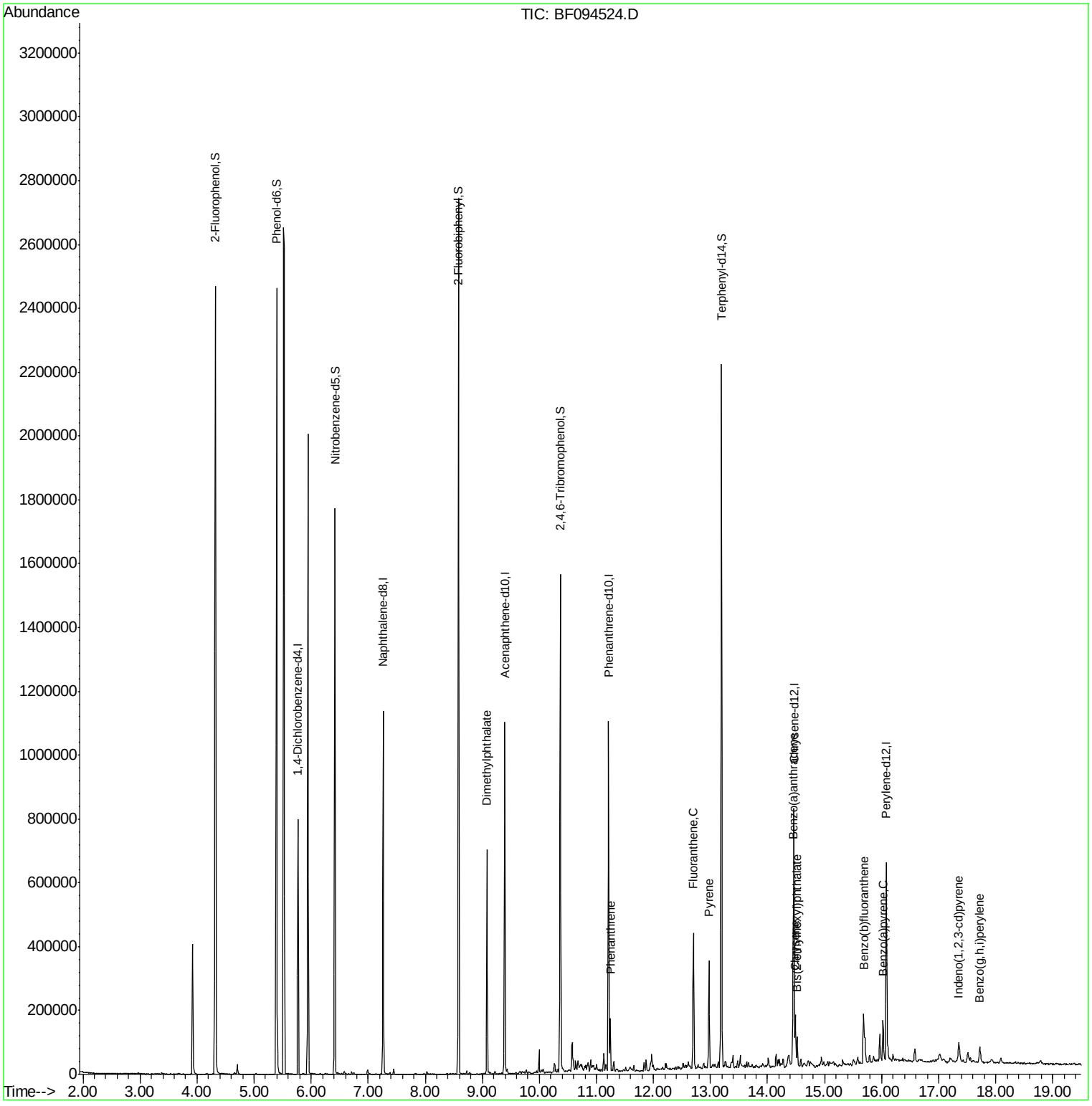
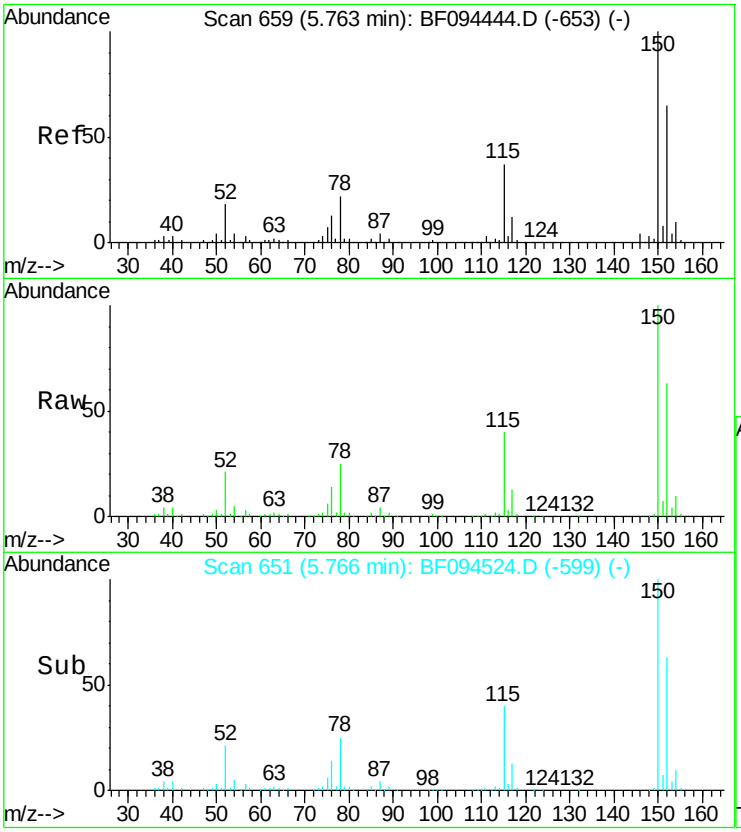


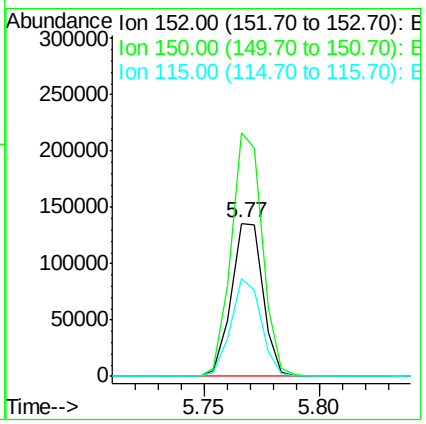


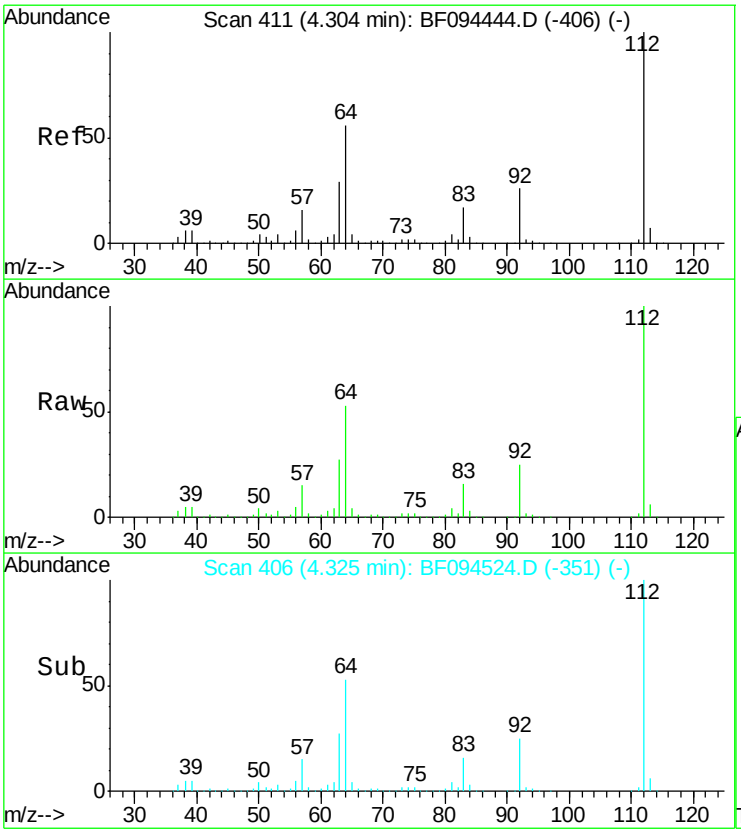
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Instrument :
BNA_F
ClientSampleId :
VNJ-215-COMP

Tgt Ion:152 Resp: 130423

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	64.0	52.2	78.2

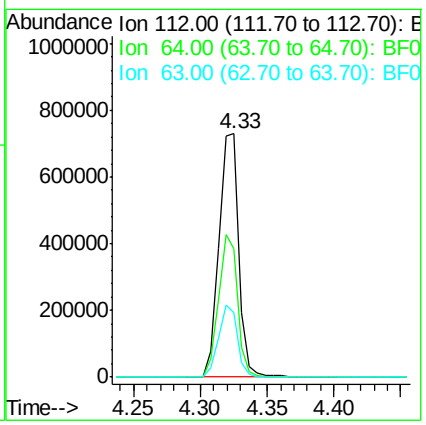


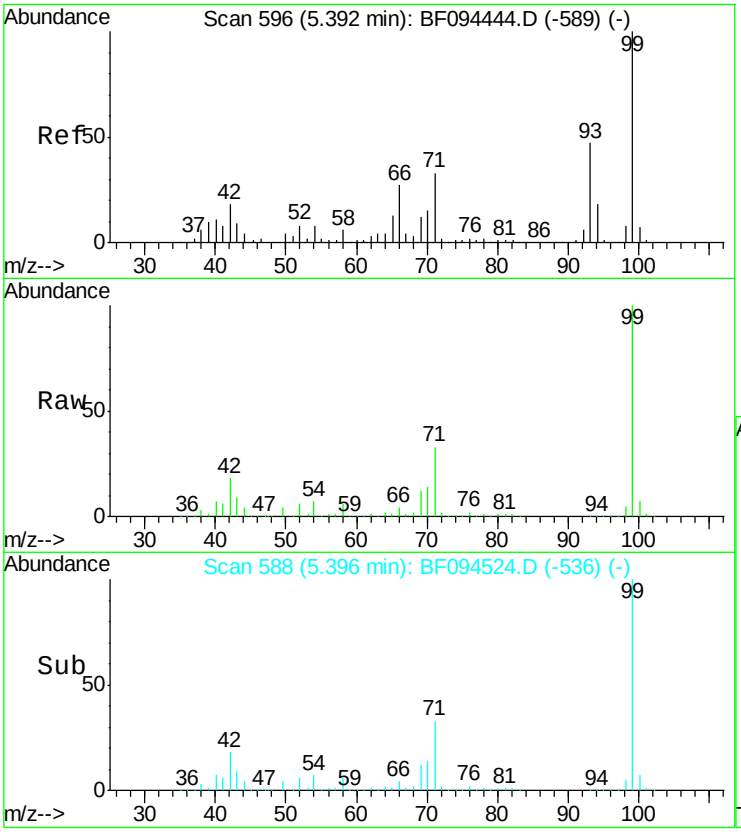


#5
2-Fluorophenol
Concen: 97.88 ng
RT: 4.33 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Tgt Ion:112 Resp: 769486

Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.0	69.0
63	26.6	23.4	35.0



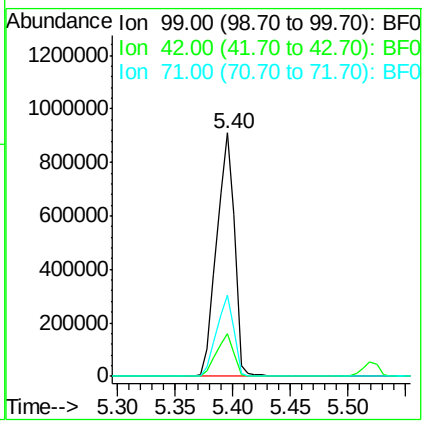


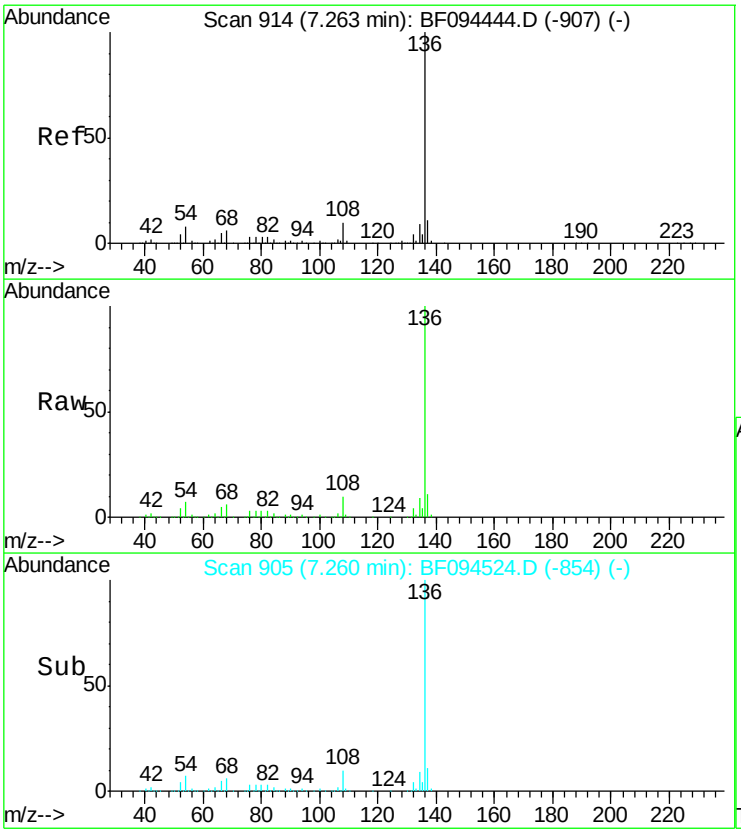
#7
Phenol-d6
Concen: 105.40 ng
RT: 5.40 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Instrument :
BNA_F
ClientSampleId :
VNJ-215-COMP

Tgt Ion: 99 Resp: 976772

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	33.4	24.5	36.7

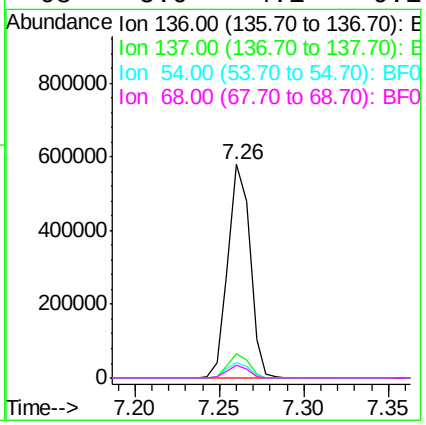


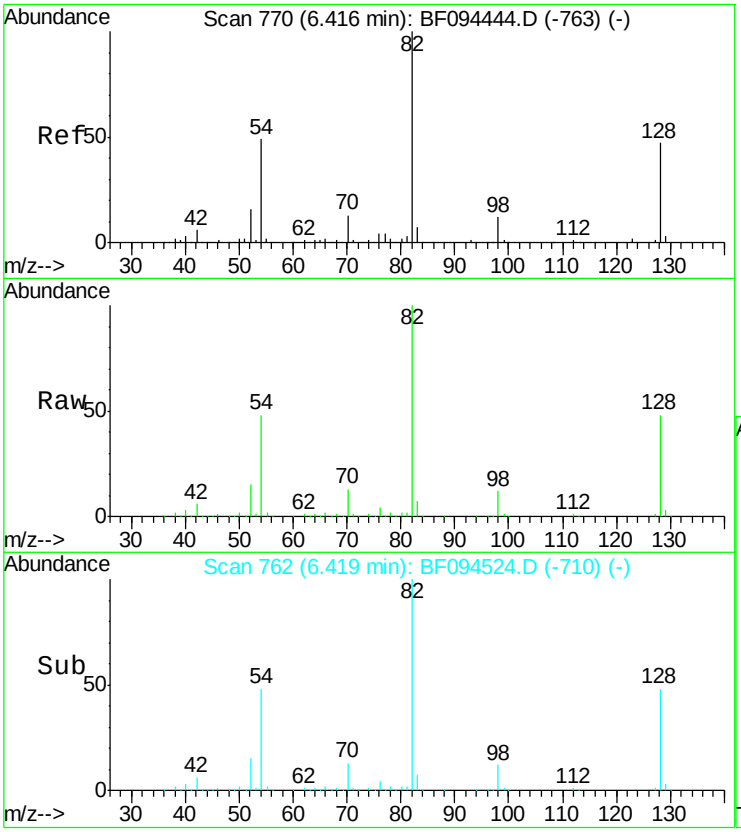


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Tgt Ion:136 Resp: 528650

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	7.3	4.9	7.3
68	5.9	4.1	6.1



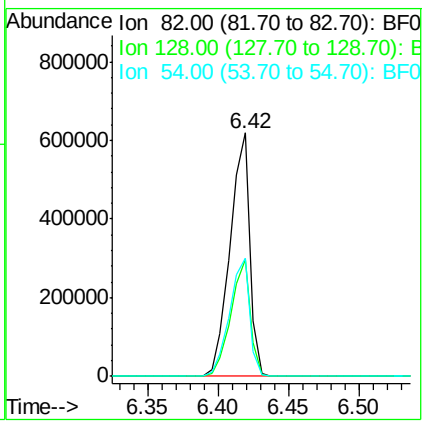


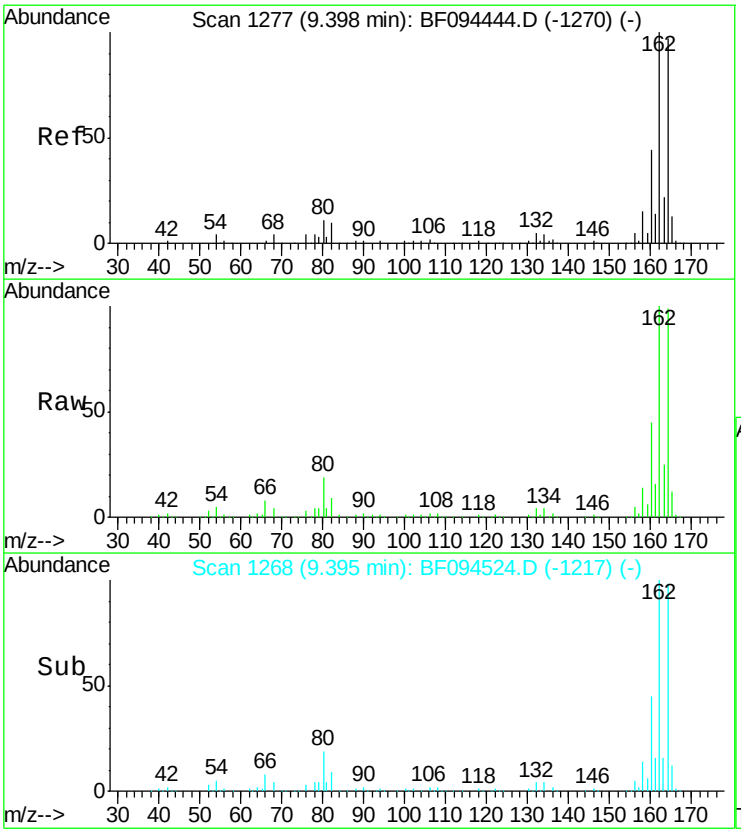
#23
Nitrobenzene-d5
Concen: 70.46 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Instrument :
BNA_F
ClientSampleId :
VNJ-215-COMP

Tgt Ion: 82 Resp: 603263

Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.0	51.0
54	48.4	42.2	63.2

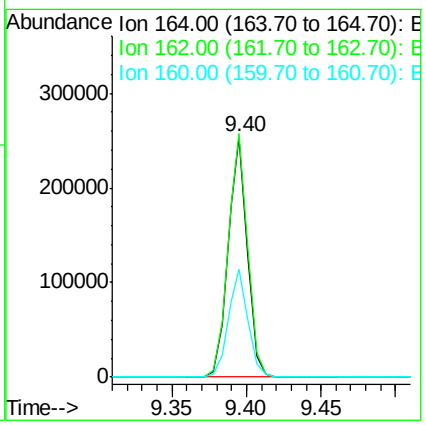


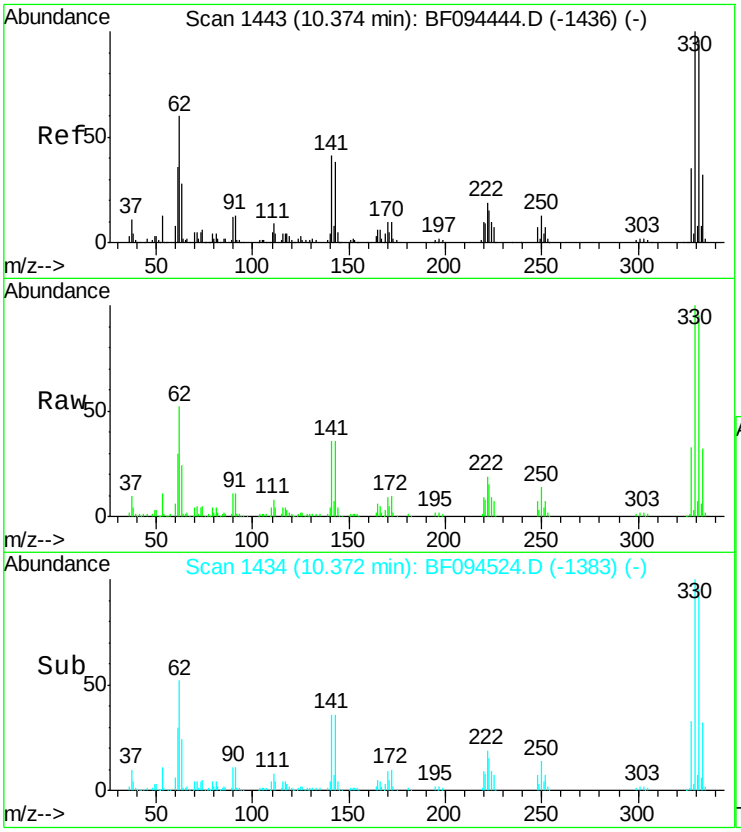


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Tgt Ion:164 Resp: 230350

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	45.2	36.2	54.2



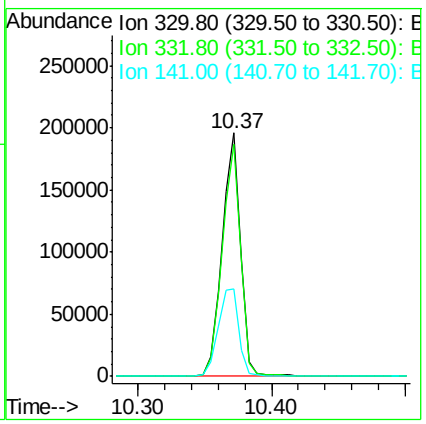


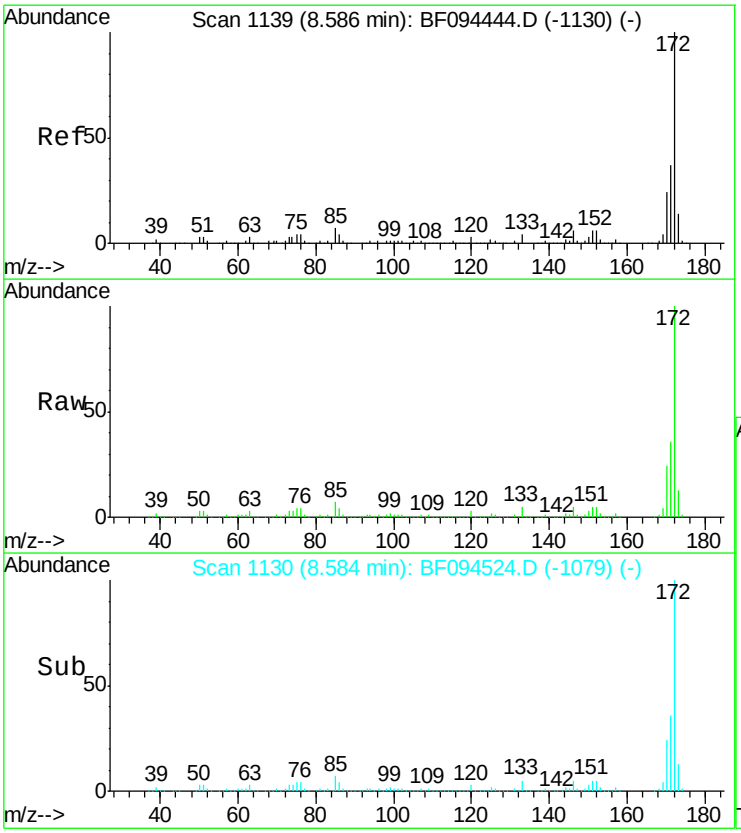
#41
2,4,6-Tribromophenol
Concen: 106.54 ng
RT: 10.37 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Instrument :
BNA_F
ClientSampleId :
VNJ-215-COMP

Tgt Ion:330 Resp: 191960

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	40.6	31.4	47.2

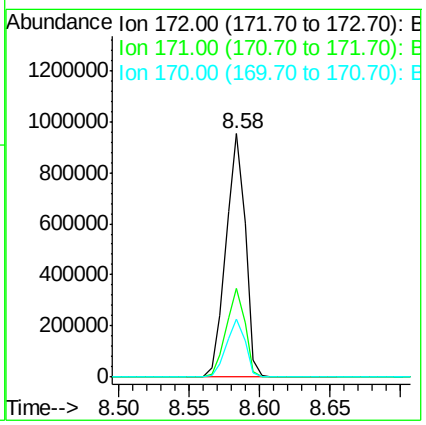


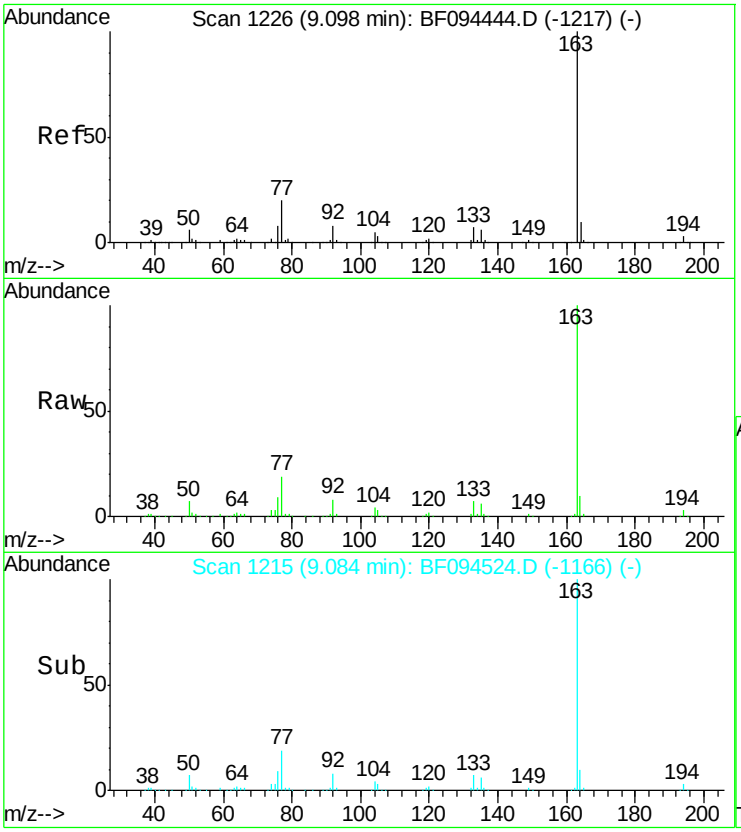


#44
2-Fluorobiphenyl
Concen: 57.87 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Tgt Ion:172 Resp: 906070

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.8	19.8	29.8



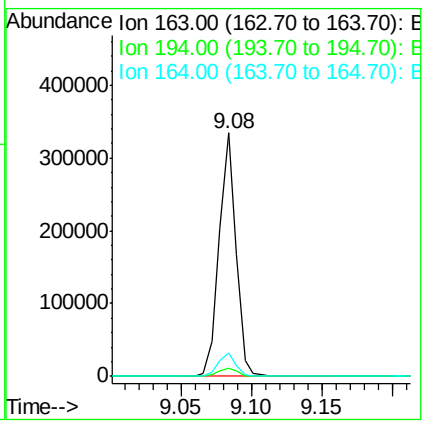


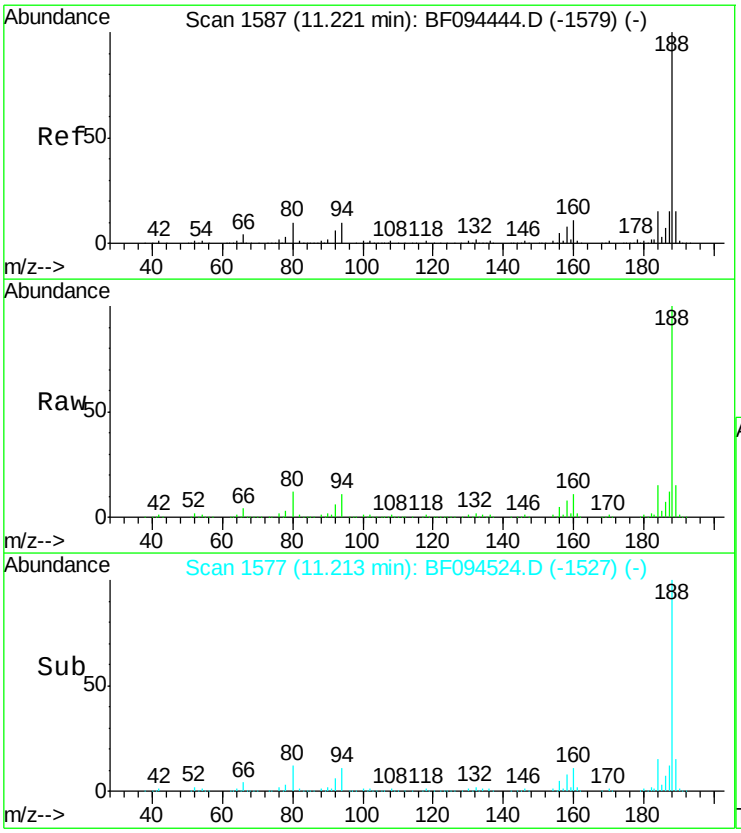
#49
Dimethylphthalate
Concen: 16.21 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Instrument :
BNA_F
ClientSampleId :
VNJ-215-COMP

Tgt Ion:163 Resp: 278312

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	8.4	12.6

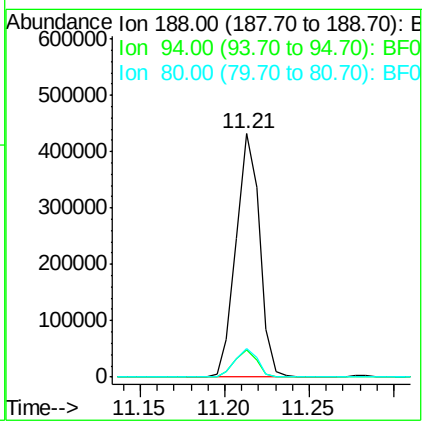


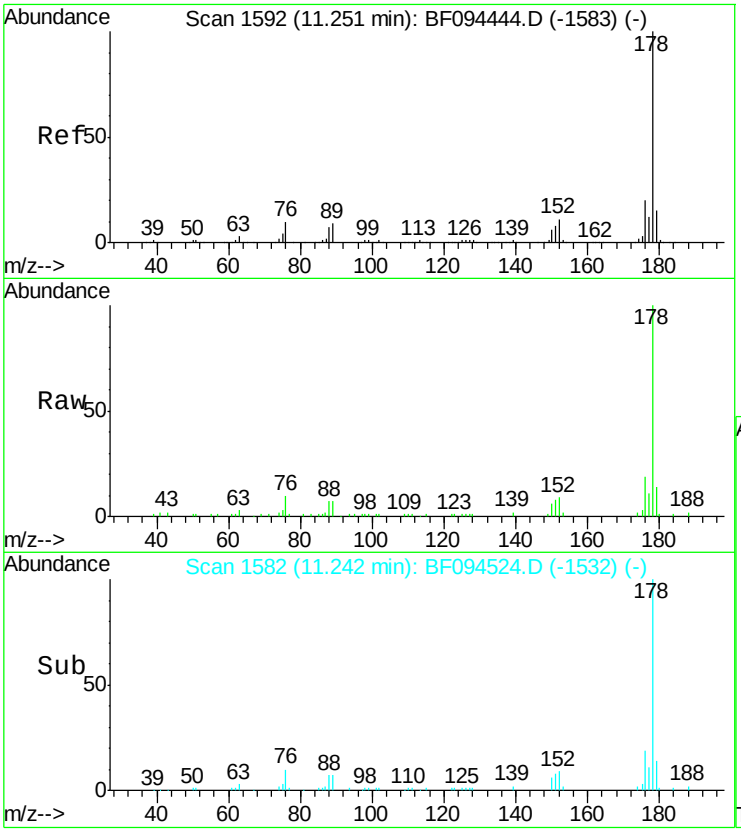


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Tgt Ion:188 Resp: 419311

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.9	10.2	15.2



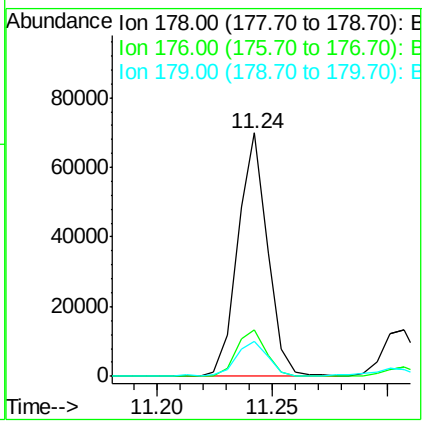


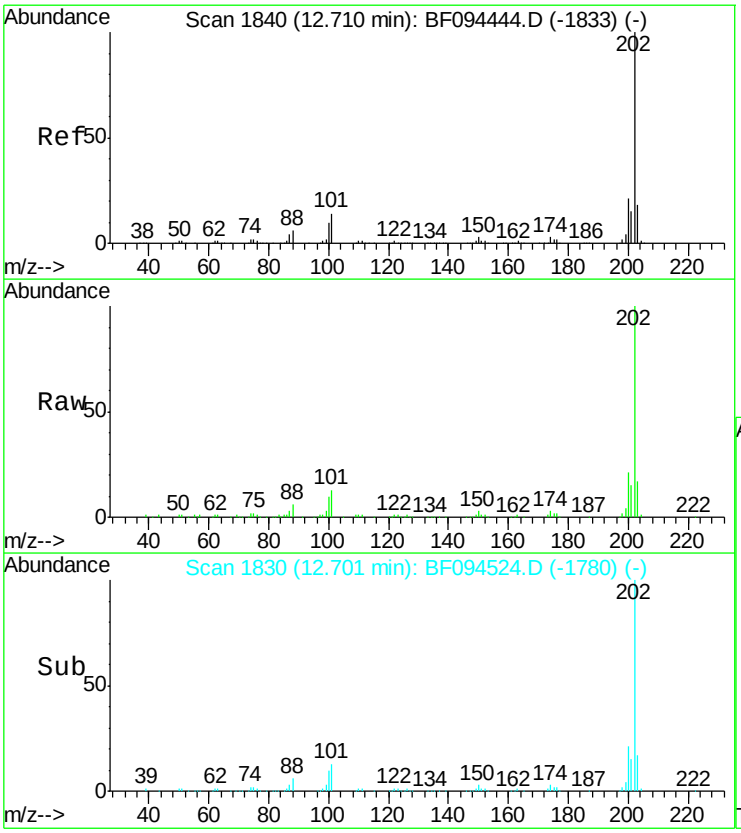
#70
Phenanthrene
Concen: 2.65 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Instrument :
BNA_F
ClientSampleId :
VNJ-215-COMP

Tgt Ion:178 Resp: 62512

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.5	12.6	19.0

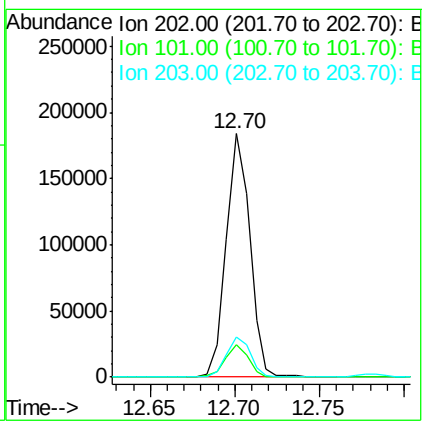


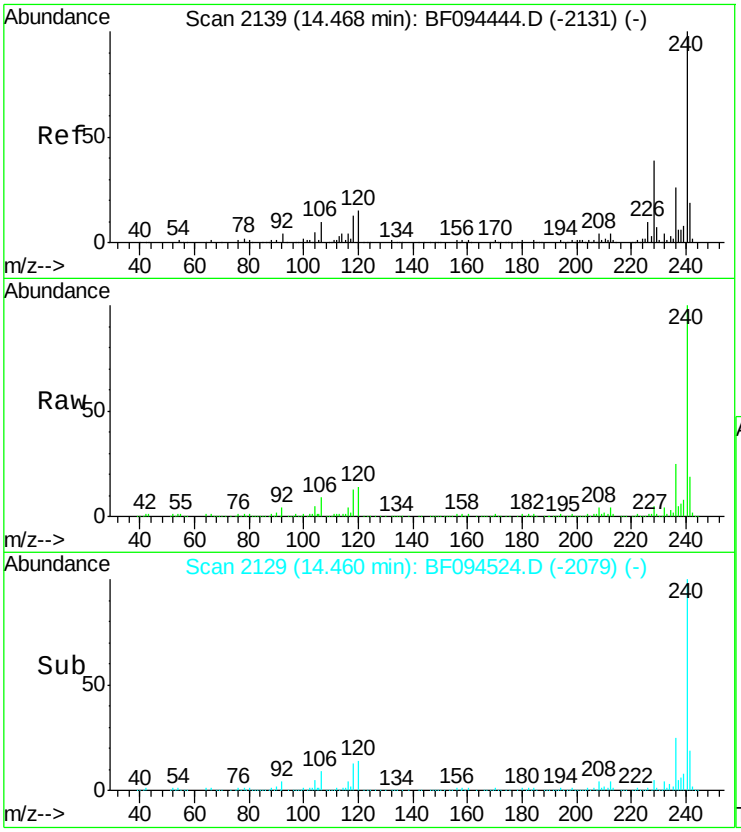


#74
Fluoranthene
Concen: 7.30 ng
RT: 12.70 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Tgt Ion:202 Resp: 178680

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	16.5	0.0	38.1



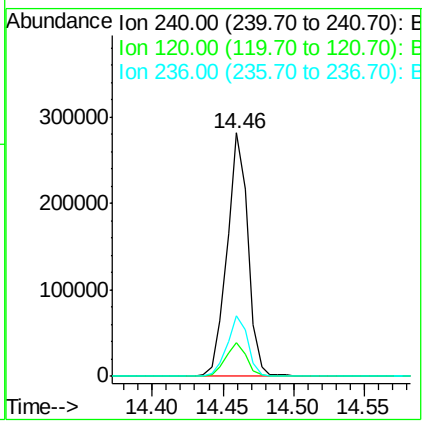


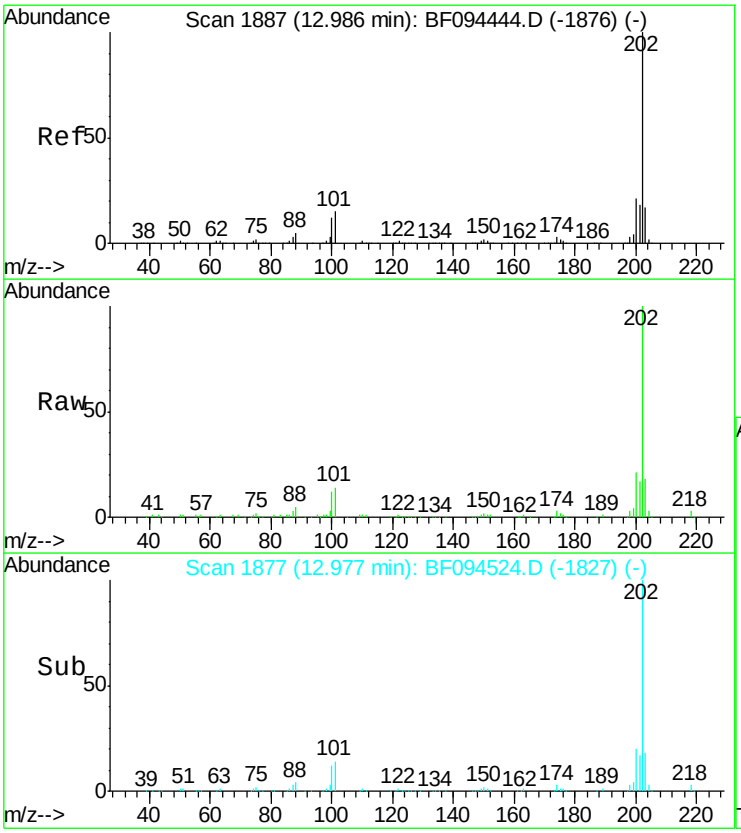
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Instrument :
BNA_F
ClientSampleId :
VNJ-215-COMP

Tgt Ion:240 Resp: 288850

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	24.8	20.5	30.7

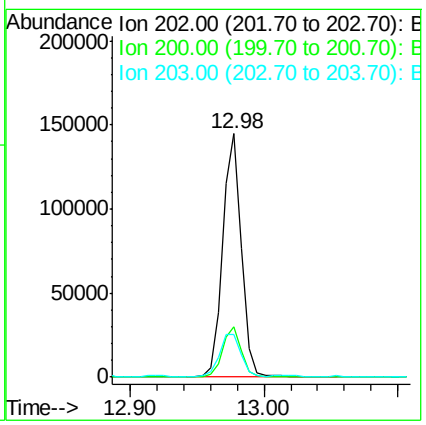


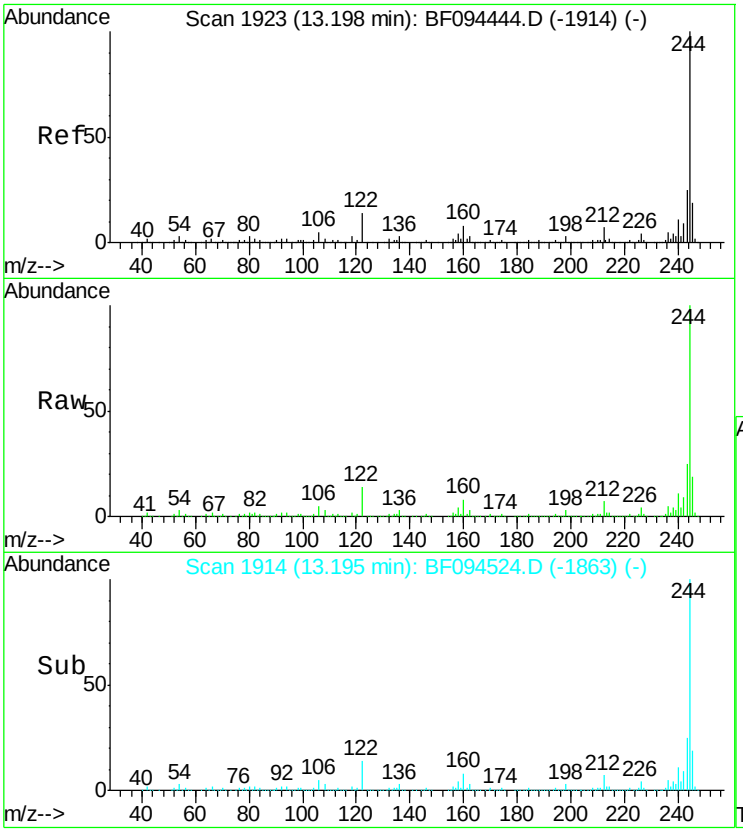


#77
Pyrene
Concen: 7.09 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Tgt Ion:202 Resp: 143016

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.7	14.4	21.6



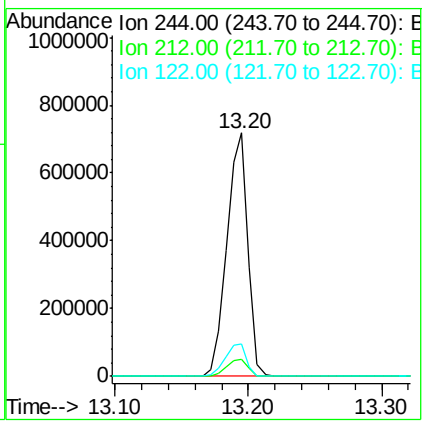


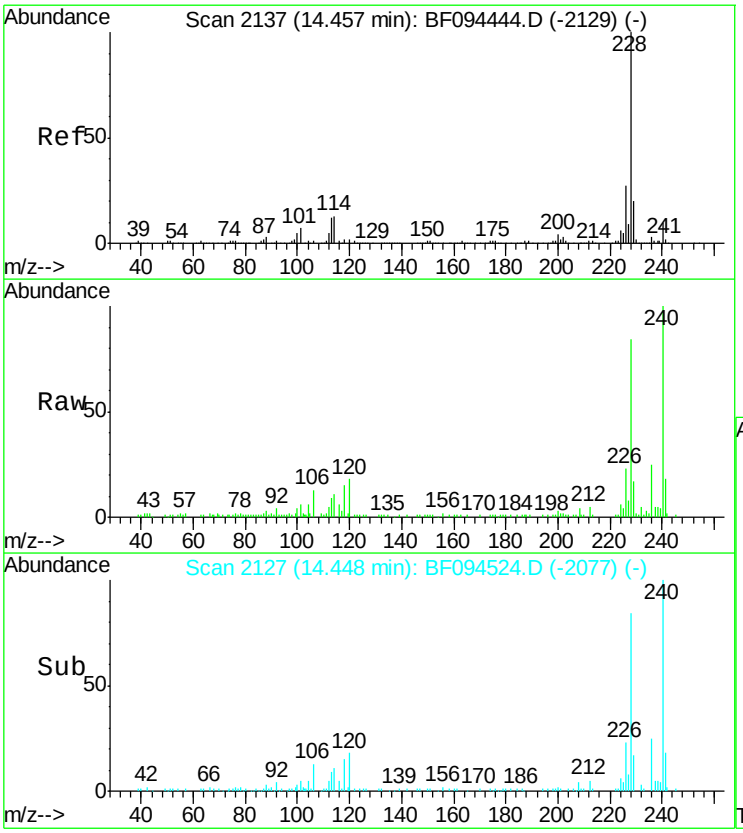
#78
Terphenyl-d14
Concen: 73.36 ng
RT: 13.20 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Instrument :
BNA_F
ClientSampleId :
VNJ-215-COMP

Tgt Ion:244 Resp: 792729

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.5	10.3	15.5

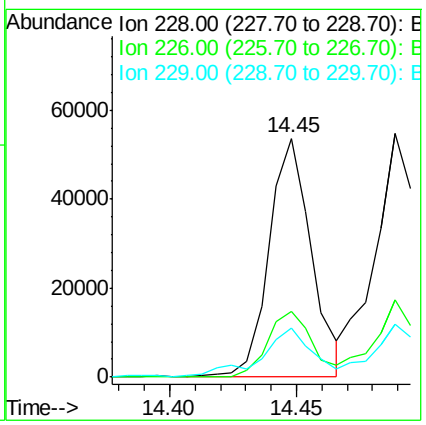


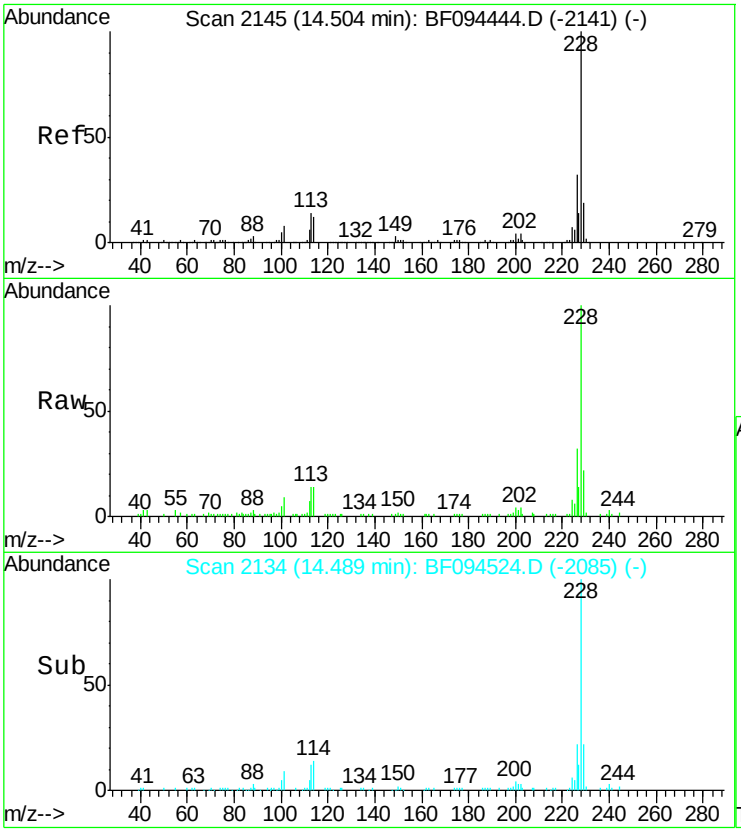


#80
Benzo(a)anthracene
Concen: 3.74 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Tgt Ion:228 Resp: 62781

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.4	16.3	24.5



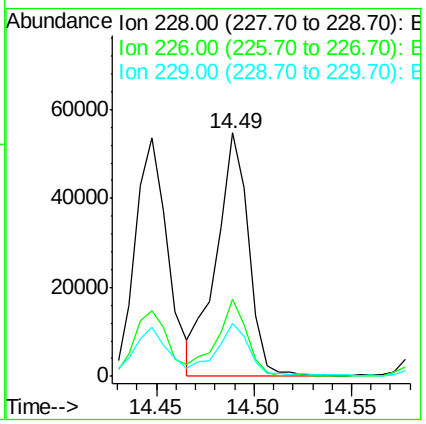


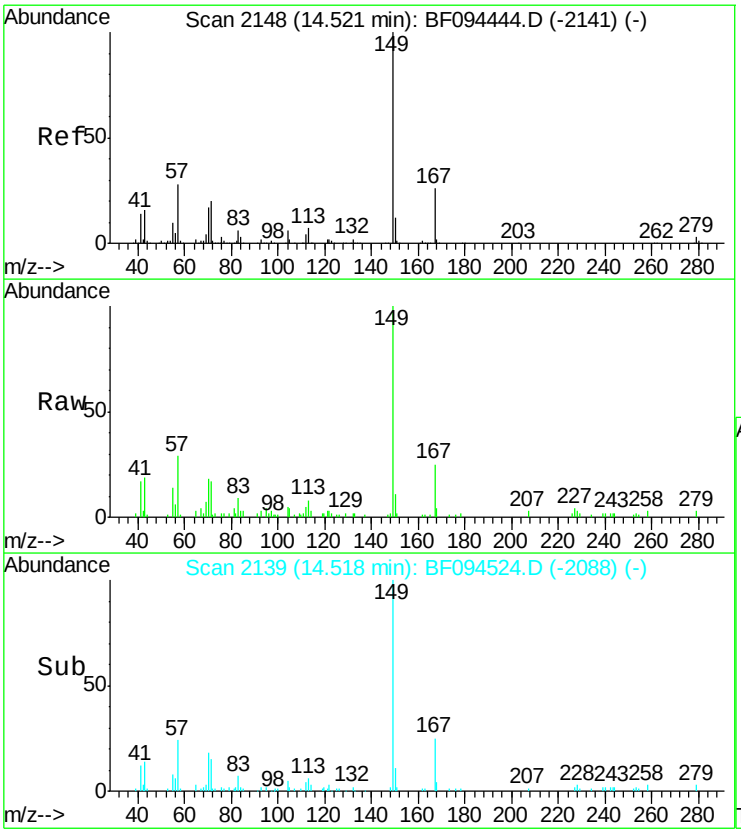
#82
Chrysene
Concen: 4.13 ng
RT: 14.49 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Instrument :
BNA_F
ClientSampleId :
VNJ-215-COMP

Tgt Ion:228 Resp: 63400

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	21.7	15.8	23.6

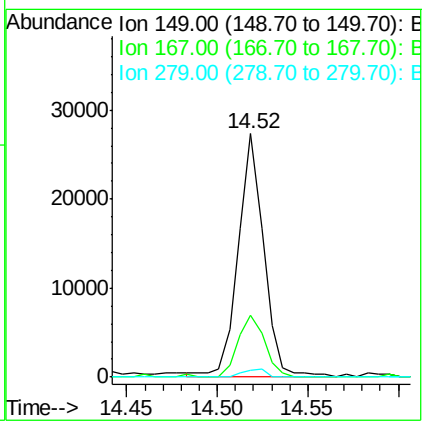


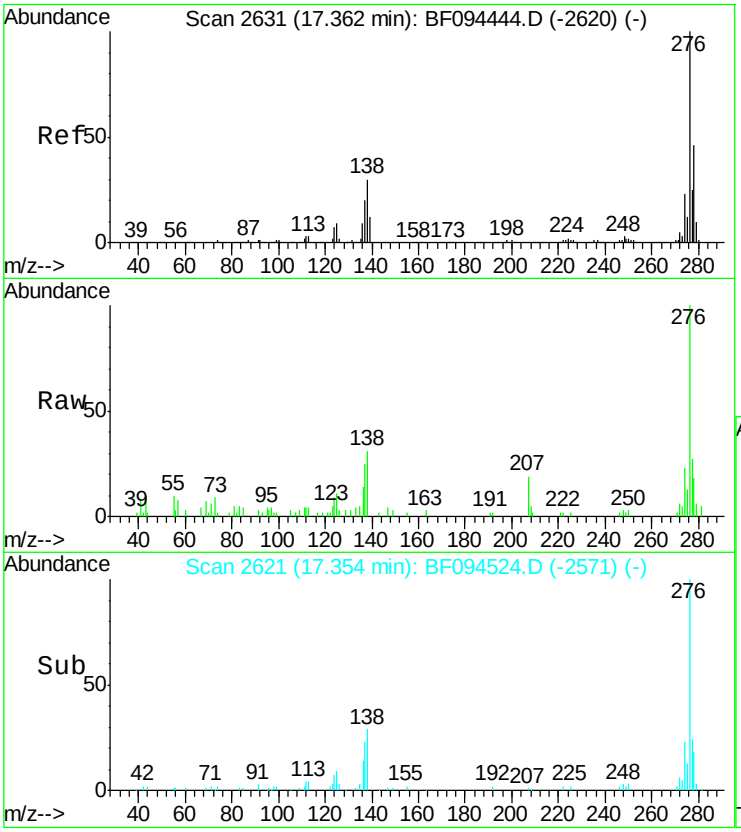


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.26 ng
RT: 14.52 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Tgt Ion:149 Resp: 26887

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.0	31.4
279	2.9	1.9	2.9#



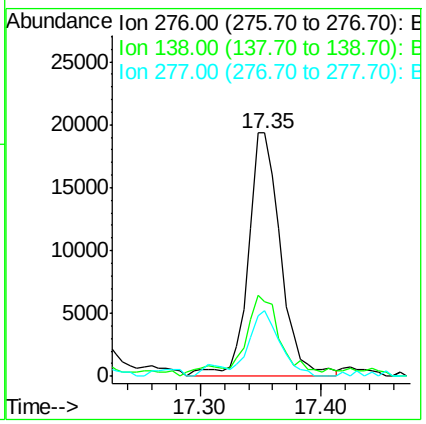


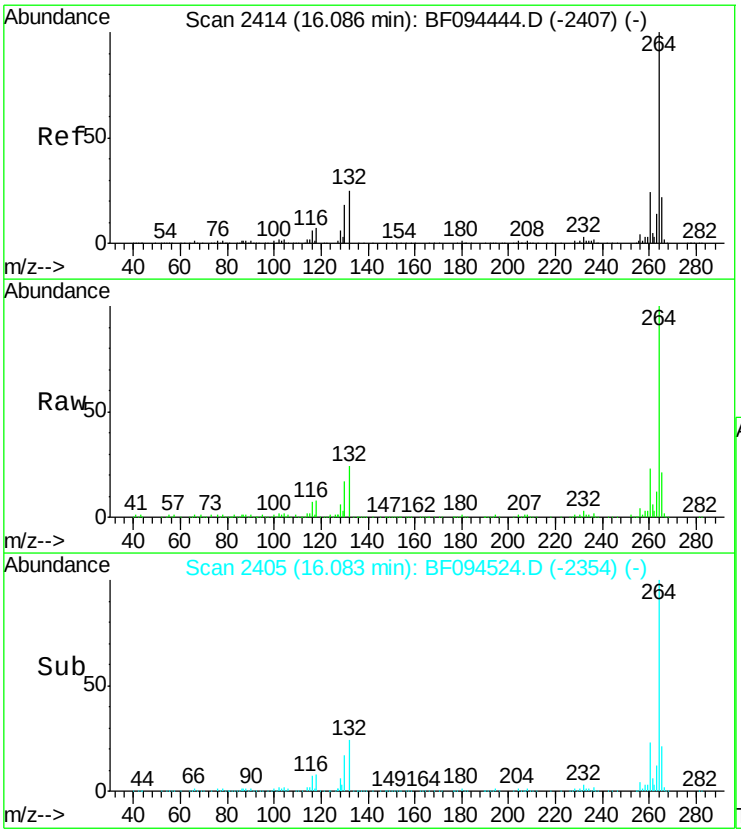
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.47 ng
RT: 17.35 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Instrument :
BNA_F
ClientSampleId :
VNJ-215-COMP

Tgt Ion:276 Resp: 36058

Ion	Ratio	Lower	Upper
276	100		
138	30.1	27.8	41.6
277	25.6	20.2	30.4

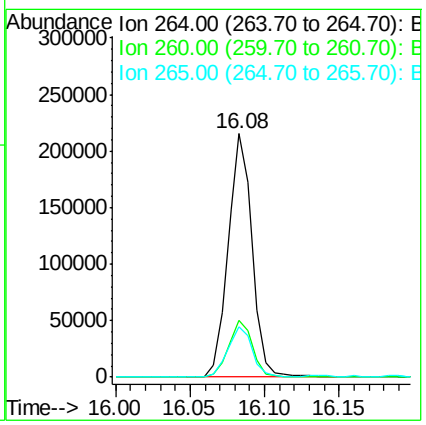


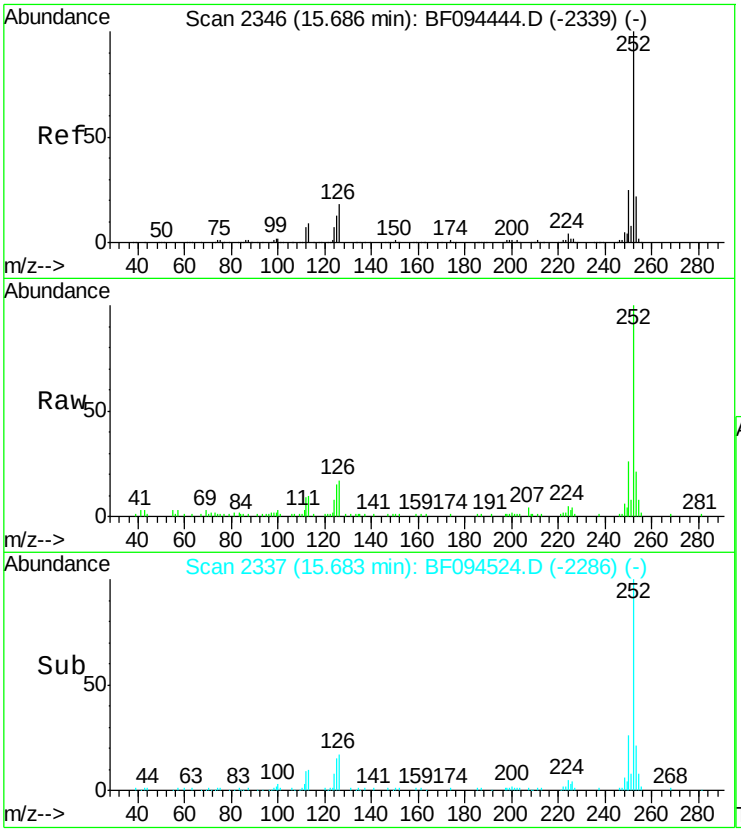


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Tgt Ion:264 Resp: 243615

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.8	17.2	25.8



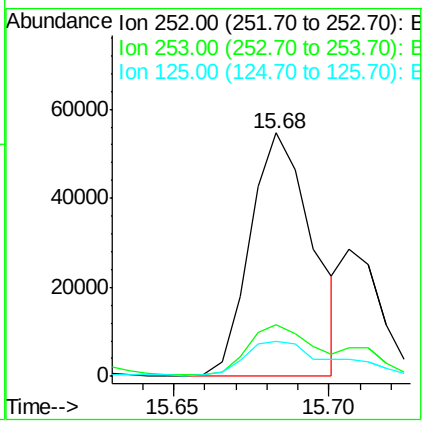


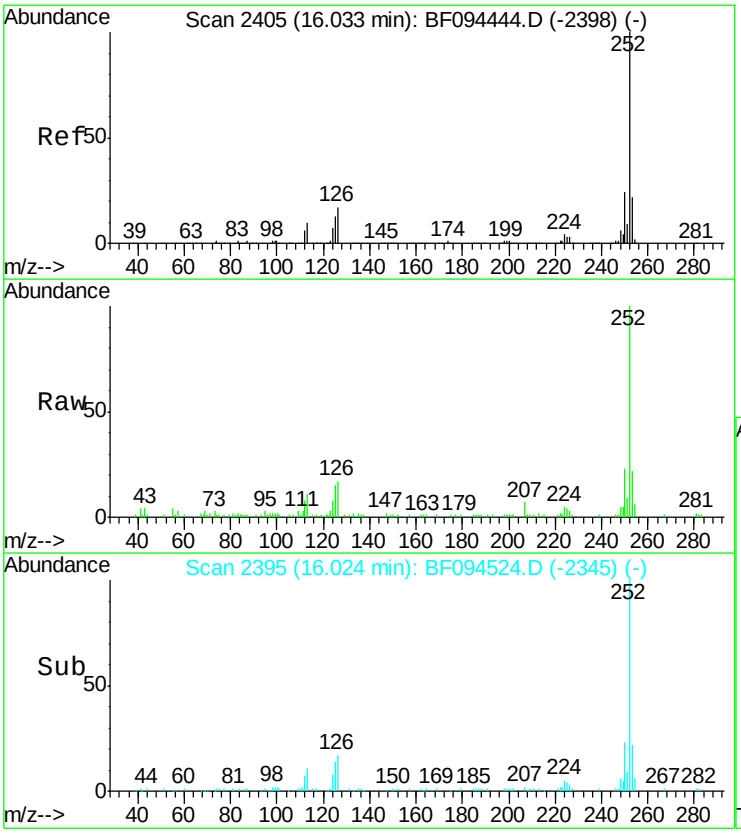
#87
Benzo(b)fluoranthene
Concen: 5.12 ng m
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Instrument :
BNA_F
ClientSampleId :
VNJ-215-COMP

Tgt Ion:252 Resp: 76312

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	14.5	9.8	14.8

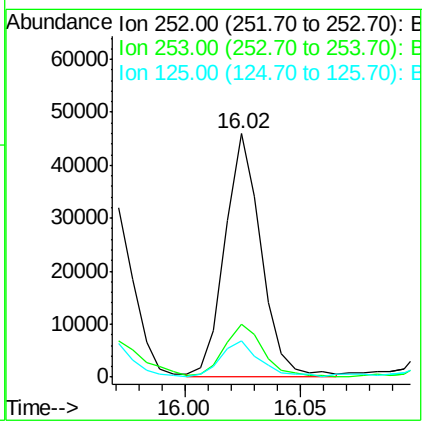


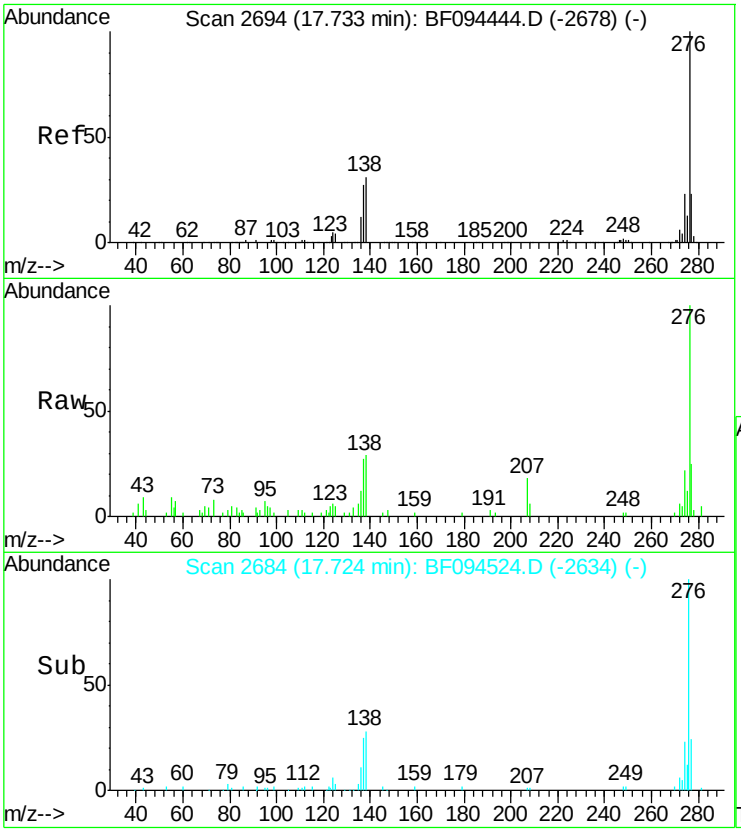


#89
Benzo(a)pyrene
Concen: 3.62 ng
RT: 16.02 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Tgt Ion:252 Resp: 50255

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.1	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.91 ng
RT: 17.72 min Scan# 2684
Delta R.T. -0.01 min
Lab File: BF094524.D
Acq: 19 Apr 2017 19:08

Instrument :
BNA_F
ClientSampleId :
VNJ-215-COMP

Tgt Ion:276 Resp: 34157

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	28.0
138	29.4	25.4	38.0