Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092266.D
Acq On : 14 Jan 2017 2:38
Operator : UM/SJ
Sample : I1031-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-0029

Quant Time: Jan 16 01:31:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	224899	20.00	ng		-0.01
21) Naphthalene-d8	7.86	136	894138	20.00	ng		-0.02
38) Acenaphthene-d10	9.60	164	402520	20.00	ng		-0.02
63) Phenanthrene-d10	11.09	188	679510	20.00	ng		-0.01
75) Chrysene-d12	13.71	240	473655	20.00	ng		-0.02
86) Perylene-d12	15.07	264	368002	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	1613216	119.77	ng		0.00
7) Phenol-d6	6.24	99	1747636	106.27	ng		-0.01
23) Nitrobenzene-d5	7.15	82	1378652	85.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	437597	131.36	ng		-0.01
44) 2-Fluorobiphenyl	8.94	172	1668962	84.95	ng		-0.01
78) Terphenyl-d14	12.67	244	1443236	73.90	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.26	94	40463	2.16	ng	#	75
19) n-Nitroso-di-n-propylamine	7.15	70	185938	17.00	ng	#	76
25) Isophorone	7.15	82	1356802	45.73	ng	#	65
37) 2-Methylnaphthalene	8.58	142	943	Below Cal		#	83
49) Dimethylphthalate	9.34	163	609806	23.69	ng		98
56) 2,4-Dinitrotoluene	9.60	165	52485	7.42	ng	#	20
66) 4-Bromophenyl-phenylether	10.40	248	27691	3.92	ng	#	1
71) Anthracene	11.11	178	14726	Below Cal			95
73) Di-n-butylphthalate	11.66	149	6259	Below Cal		#	90
74) Fluoranthene	12.29	202	35785	Below Cal			95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
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Acq On : 14 Jan 2017 2:38
Operator : UM/SJ
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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COMP-0029

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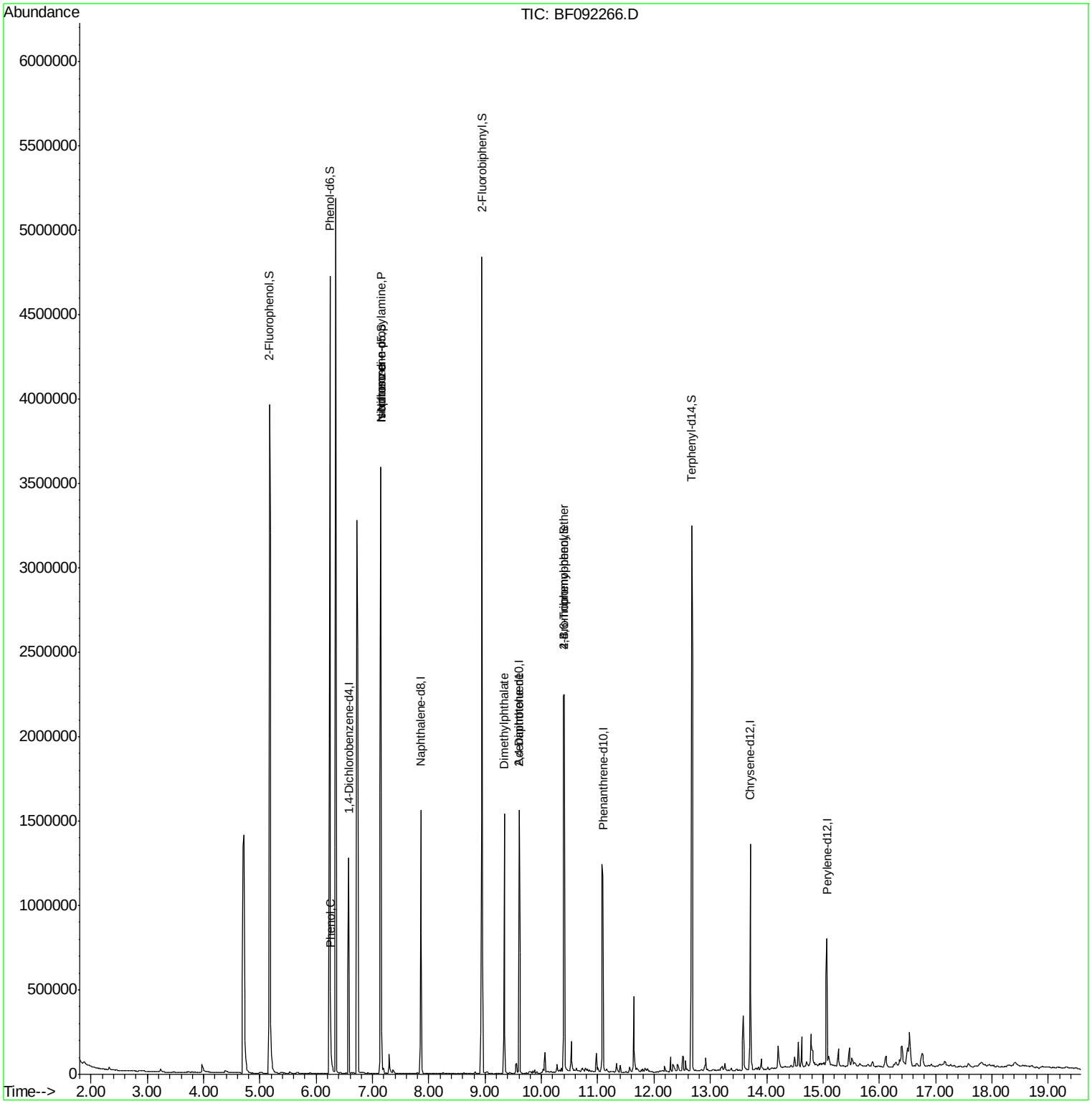
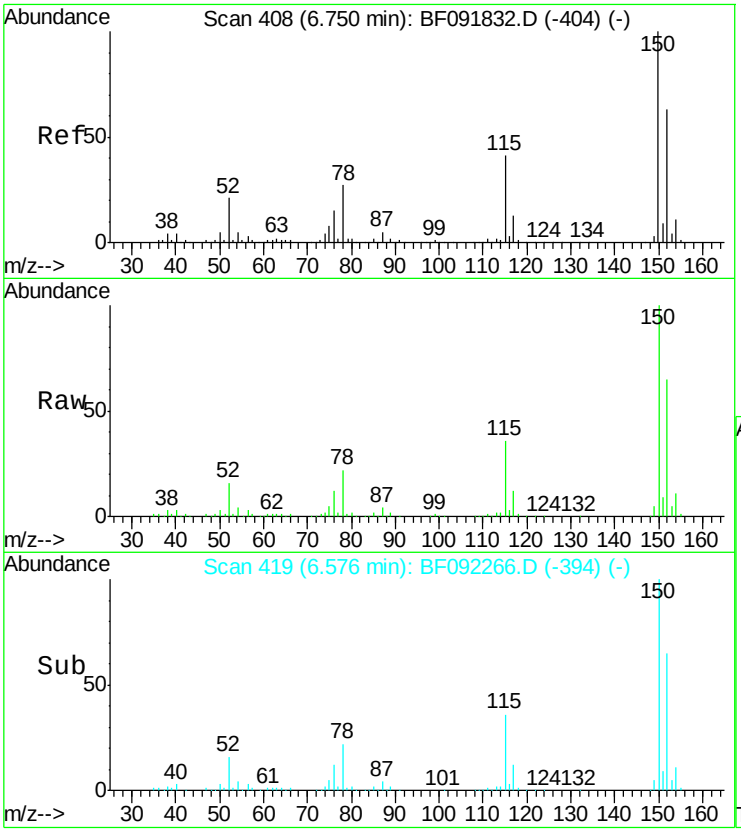


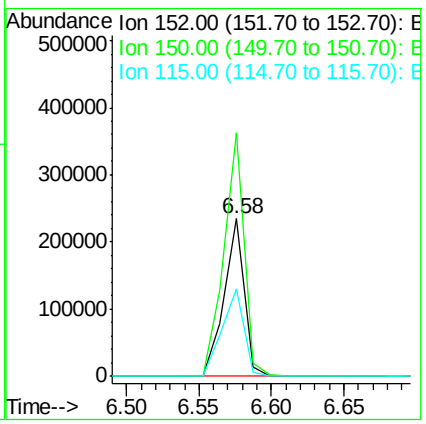


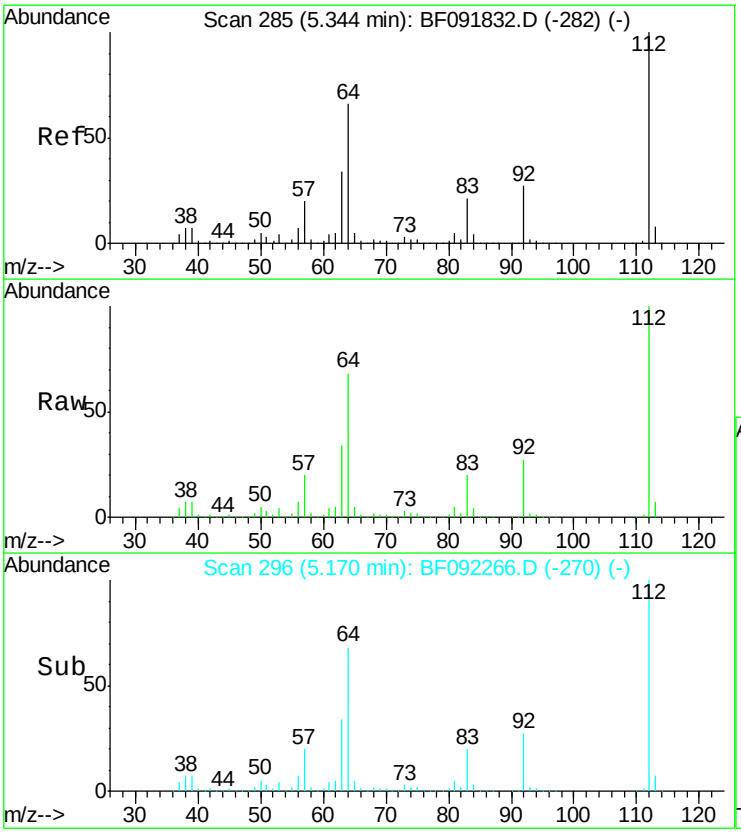
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Instrument :
BNA_F
ClientSampleId :
COMP-0029

Tgt Ion:152 Resp: 224899

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.9	187.3
115	55.8	46.0	69.0

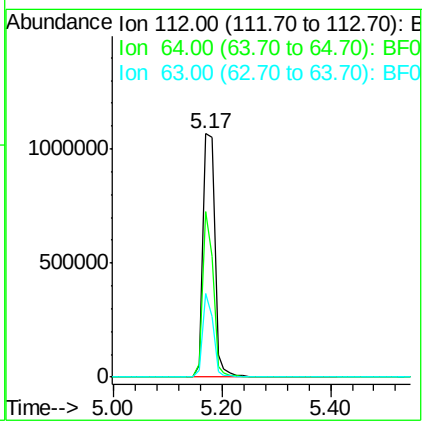


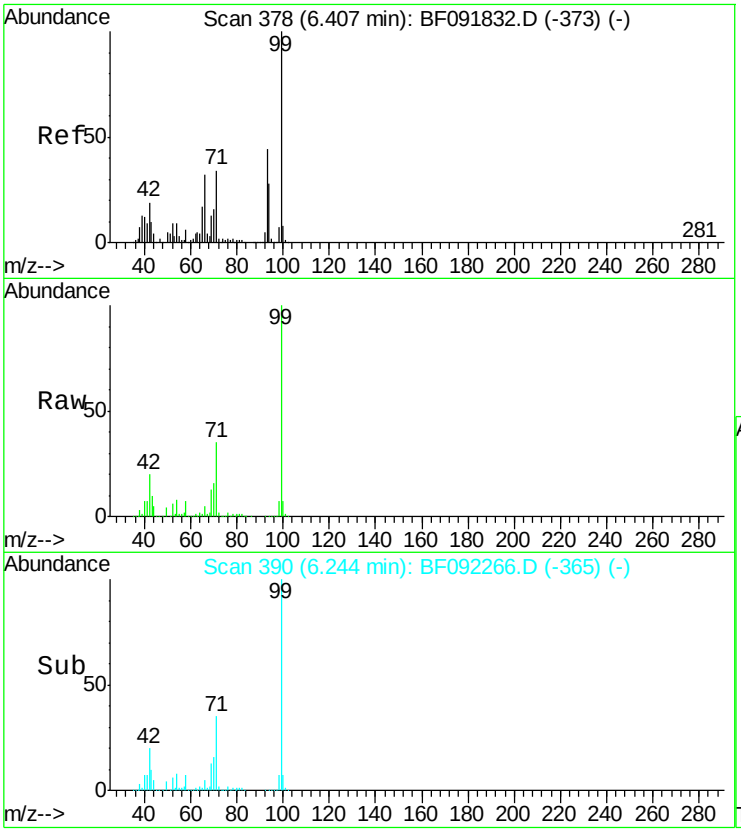


#5
2-Fluorophenol
Concen: 119.77 ng
RT: 5.17 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Tgt Ion:112 Resp: 1613216

Ion	Ratio	Lower	Upper
112	100		
64	67.8	46.1	69.1
63	34.1	23.8	35.6



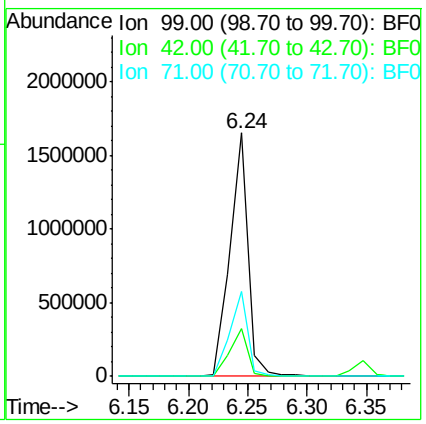


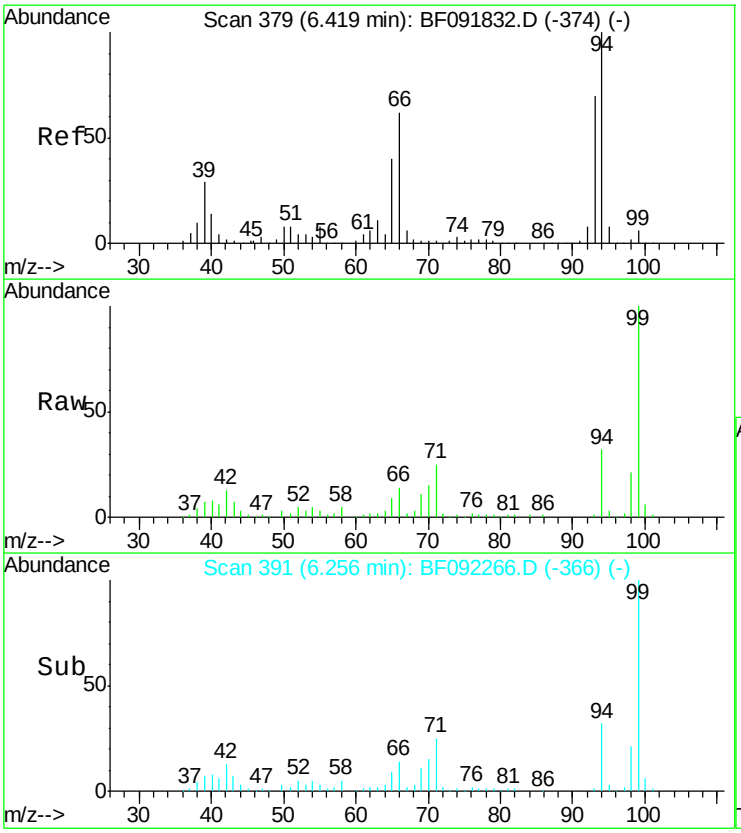
#7
Phenol-d6
Concen: 106.27 ng
RT: 6.24 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Instrument :
BNA_F
ClientSampleId :
COMP-0029

Tgt Ion: 99 Resp: 1747636

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.6	23.4
71	35.0	27.5	41.3

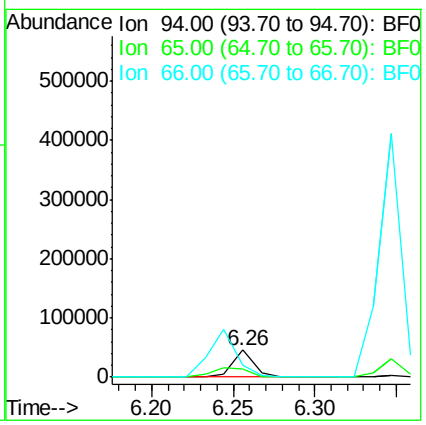


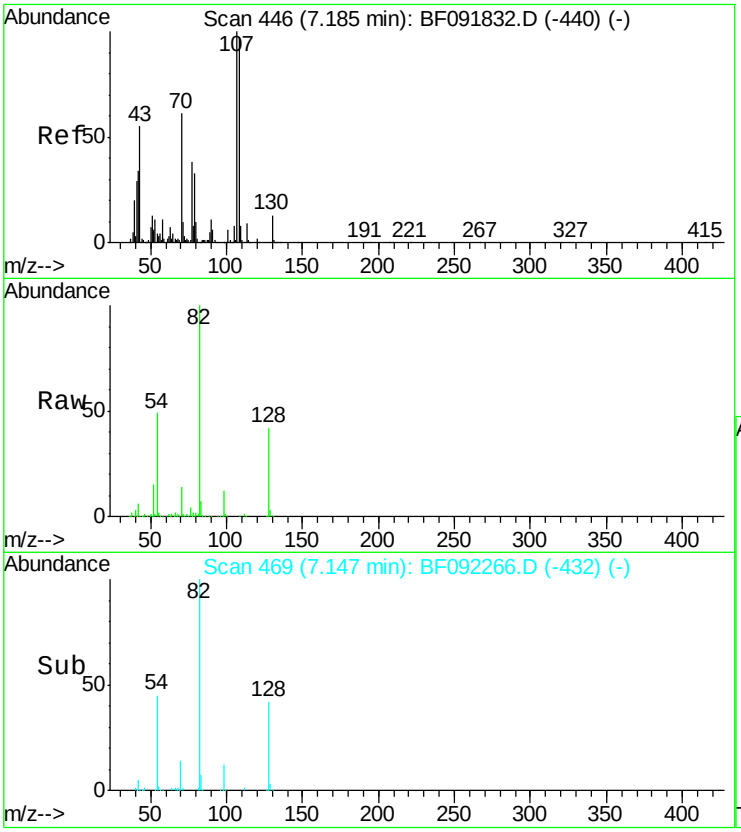


#10
Phenol
Concen: 2.16 ng
RT: 6.26 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Tgt Ion: 94 Resp: 40463

Ion	Ratio	Lower	Upper
94	100		
65	28.2	21.4	61.4
66	43.0	44.0	84.0#



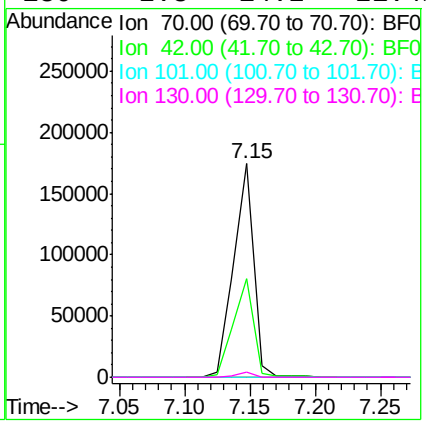


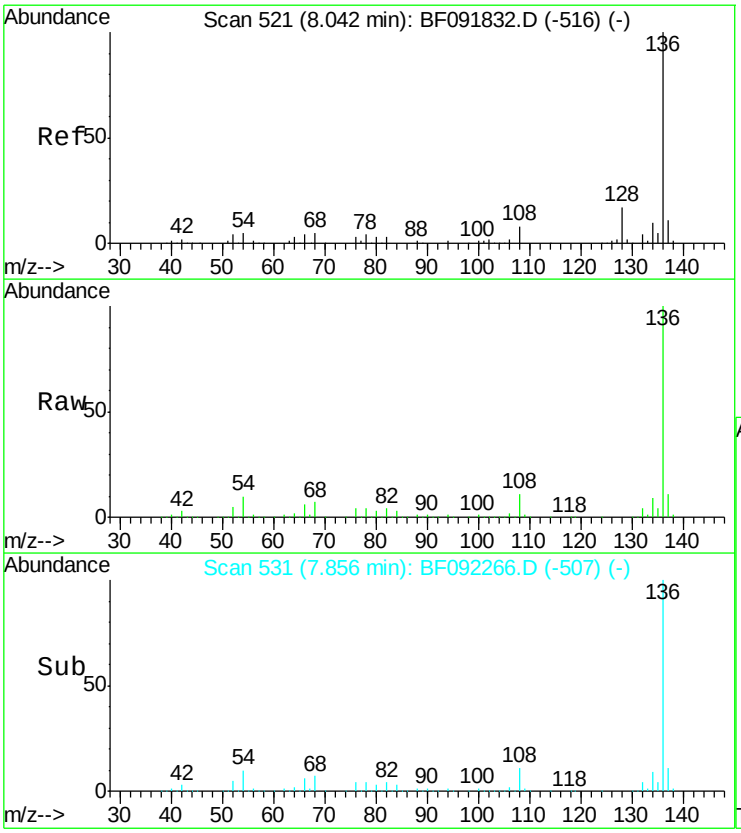
#19
n-Nitroso-di-n-propylamine
Concen: 17.00 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Instrument :
BNA_F
ClientSampleId :
COMP-0029

Tgt Ion: 70 Resp: 185938

Ion	Ratio	Lower	Upper
70	100		
42	46.0	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

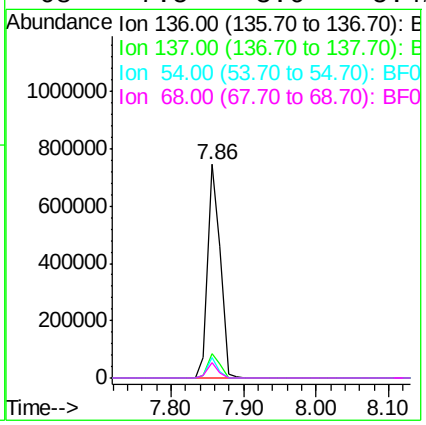


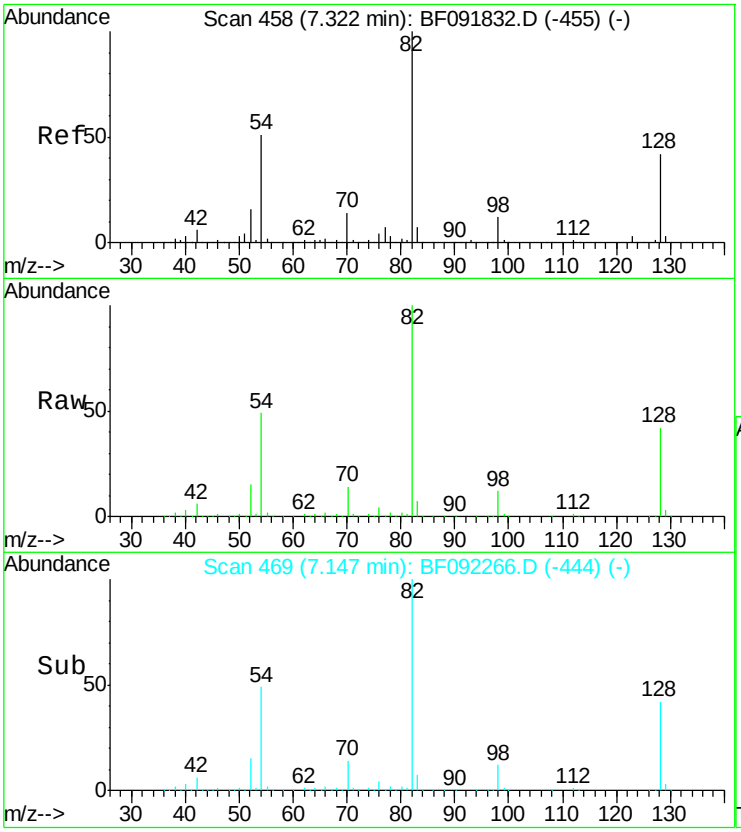


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Tgt Ion:136 Resp: 894138

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.7	4.5	6.7#
68	7.5	3.6	5.4#



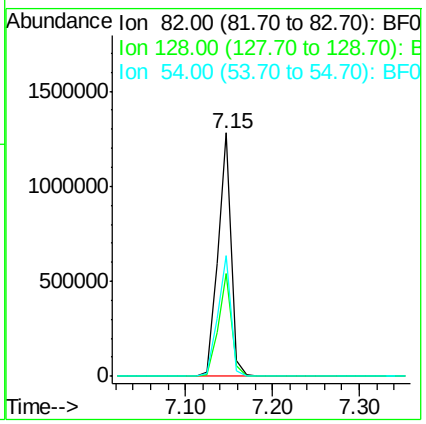


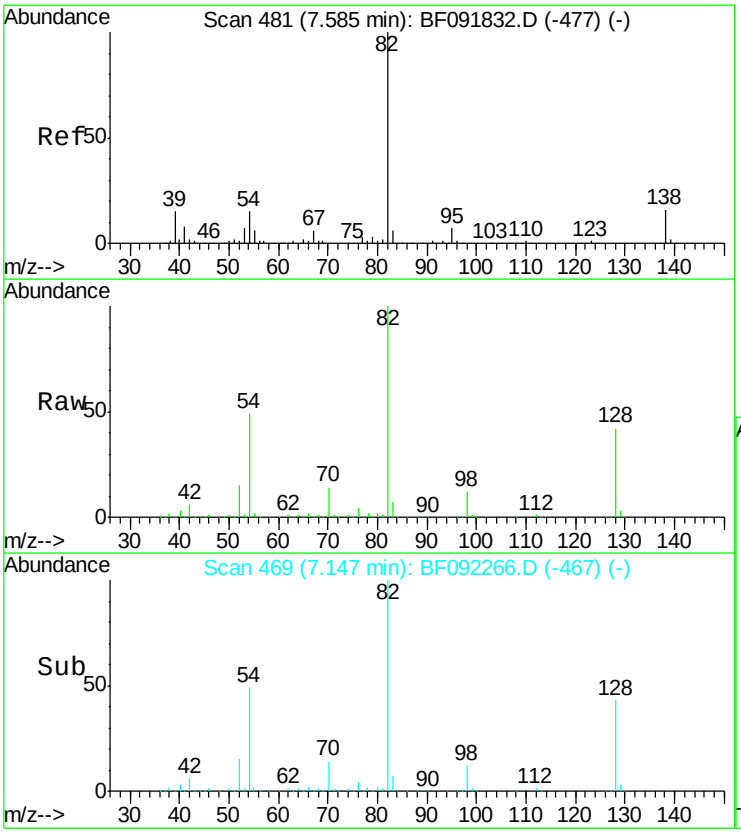
#23
Nitrobenzene-d5
Concen: 85.74 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Instrument :
BNA_F
ClientSampleId :
COMP-0029

Tgt Ion: 82 Resp: 1378652

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	49.4	39.5	59.3

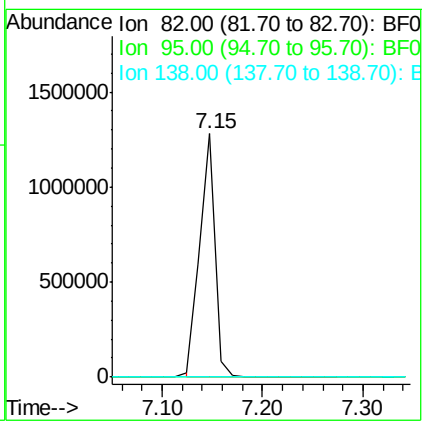


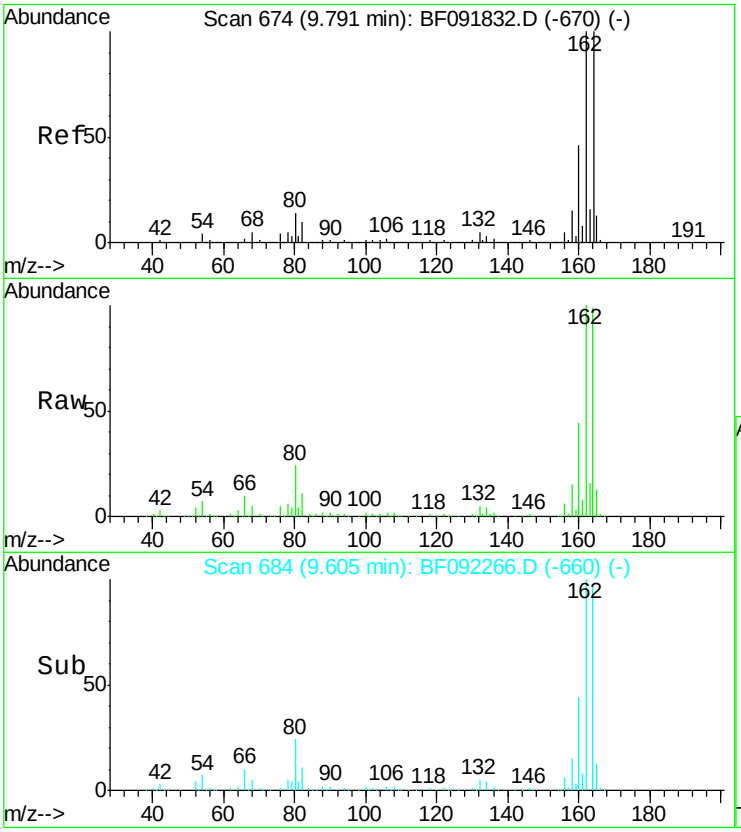


#25
Isophorone
Concen: 45.73 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.27 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Tgt Ion: 82 Resp: 1356802

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



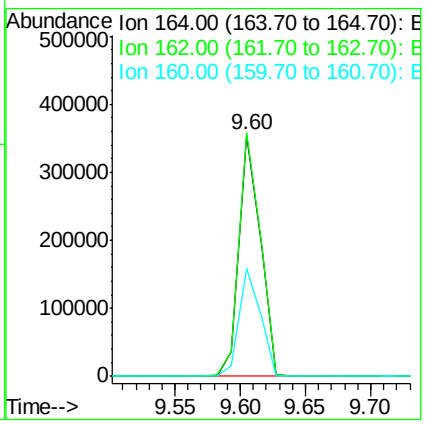


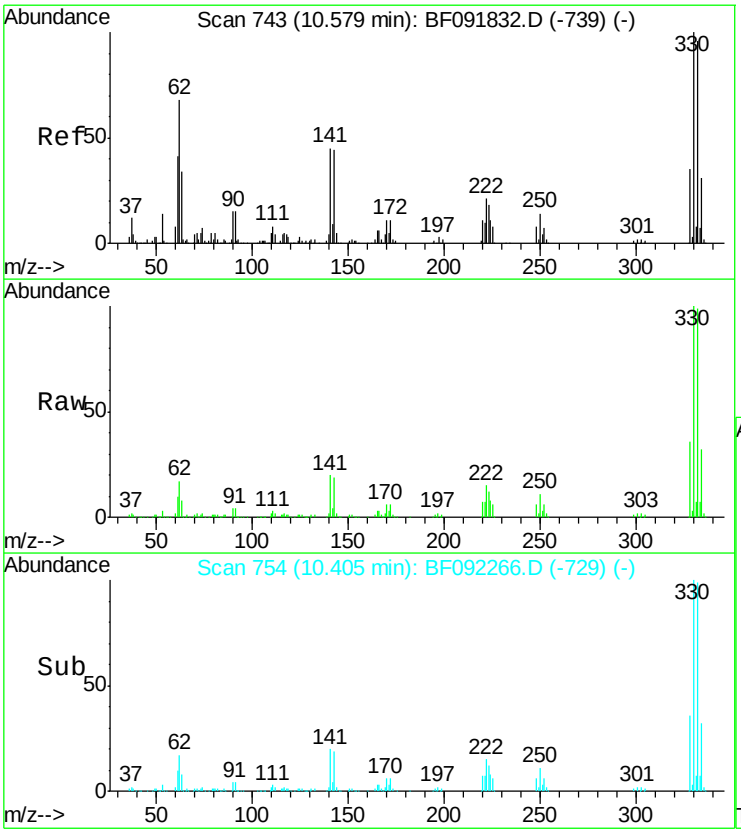
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Instrument :
BNA_F
ClientSampleId :
COMP-0029

Tgt Ion:164 Resp: 402520

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	44.8	36.9	55.3

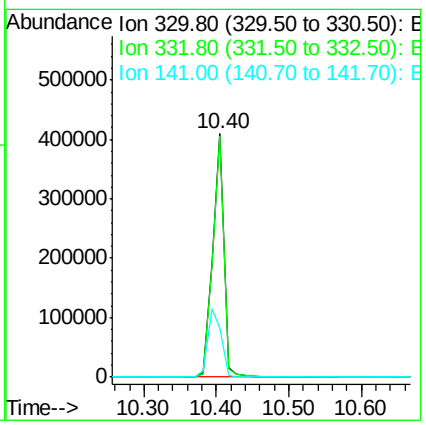


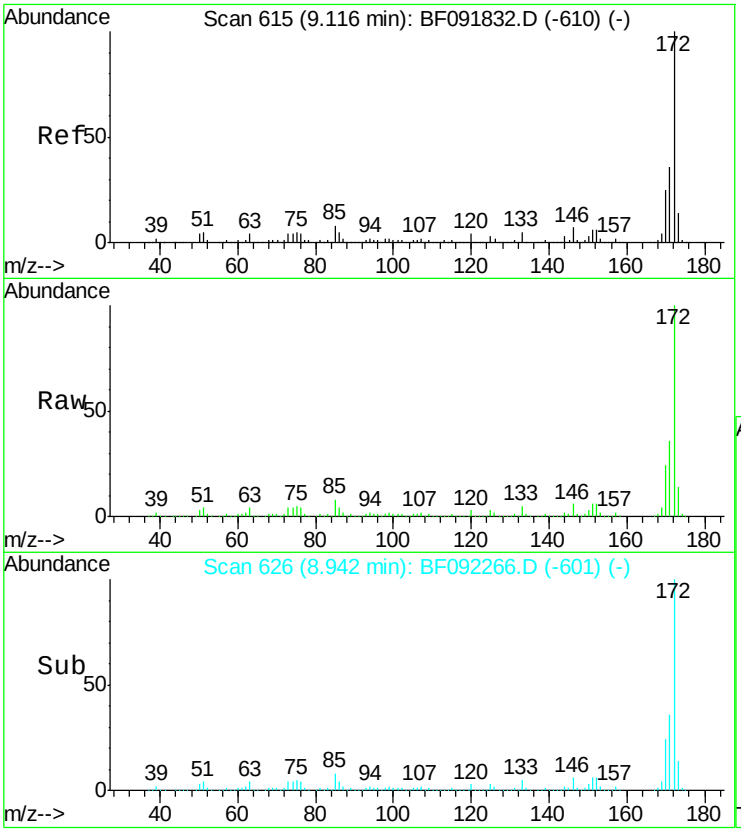


#41
2,4,6-Tribromophenol
Concen: 131.36 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Tgt Ion:330 Resp: 437597

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.4	116.2
141	33.9	34.1	51.1#



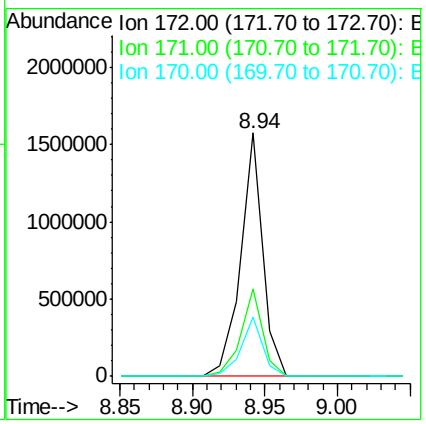


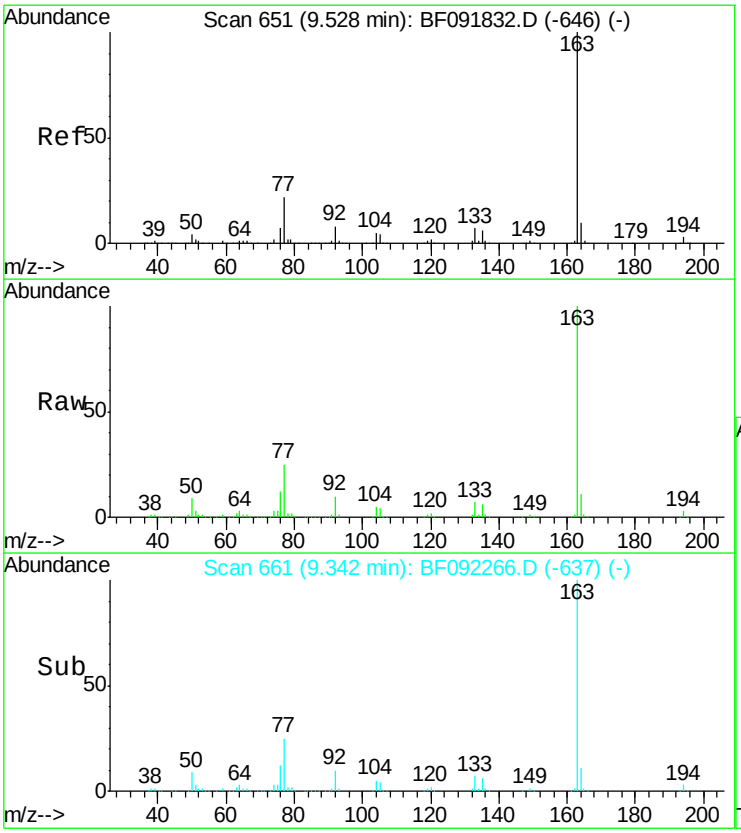
#44
2-Fluorobiphenyl
Concen: 84.95 ng
RT: 8.94 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Instrument :
BNA_F
ClientSampleId :
COMP-0029

Tgt Ion:172 Resp: 1668962

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.3	20.2	30.4

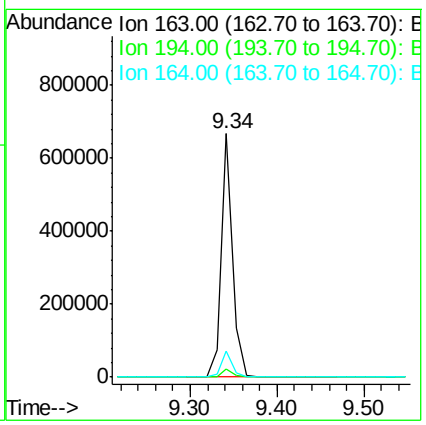


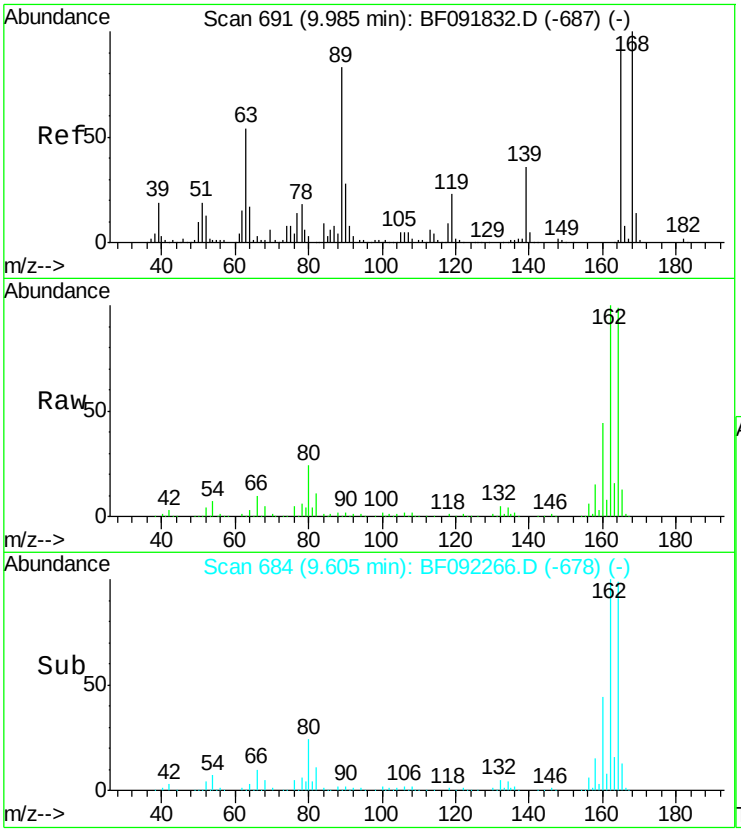


#49
Dimethylphthalate
Concen: 23.69 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Tgt Ion:163 Resp: 609806

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.7	8.0	12.0



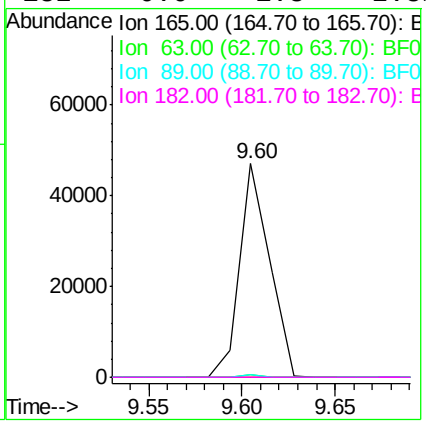


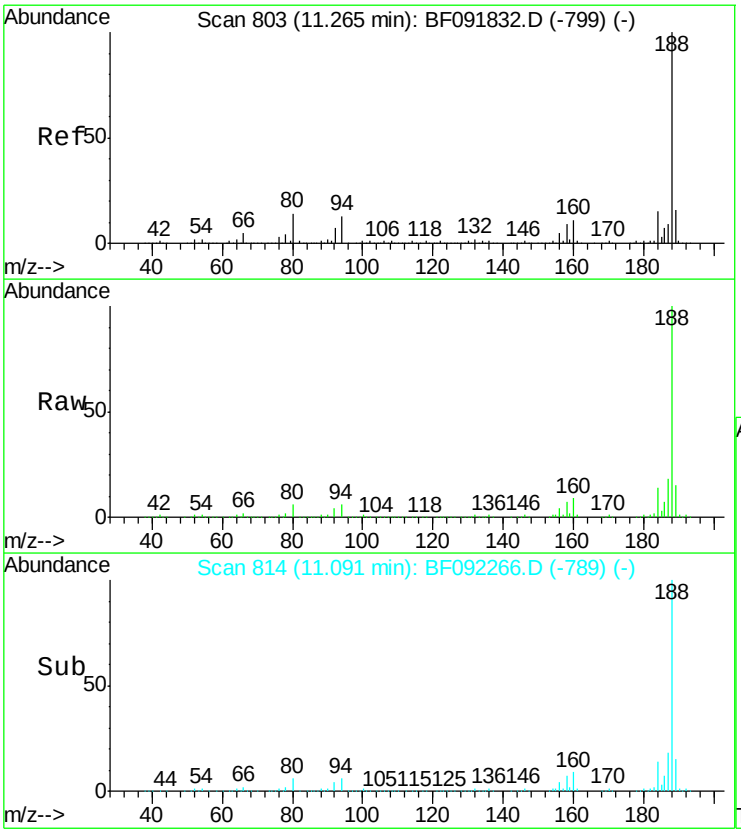
#56
2,4-Dinitrotoluene
Concen: 7.42 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Instrument :
BNA_F
ClientSampleId :
COMP-0029

Tgt Ion:165 Resp: 52485

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#

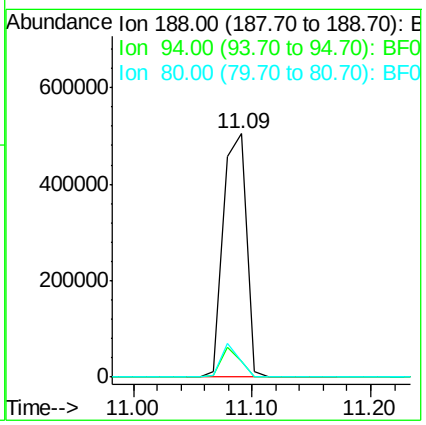


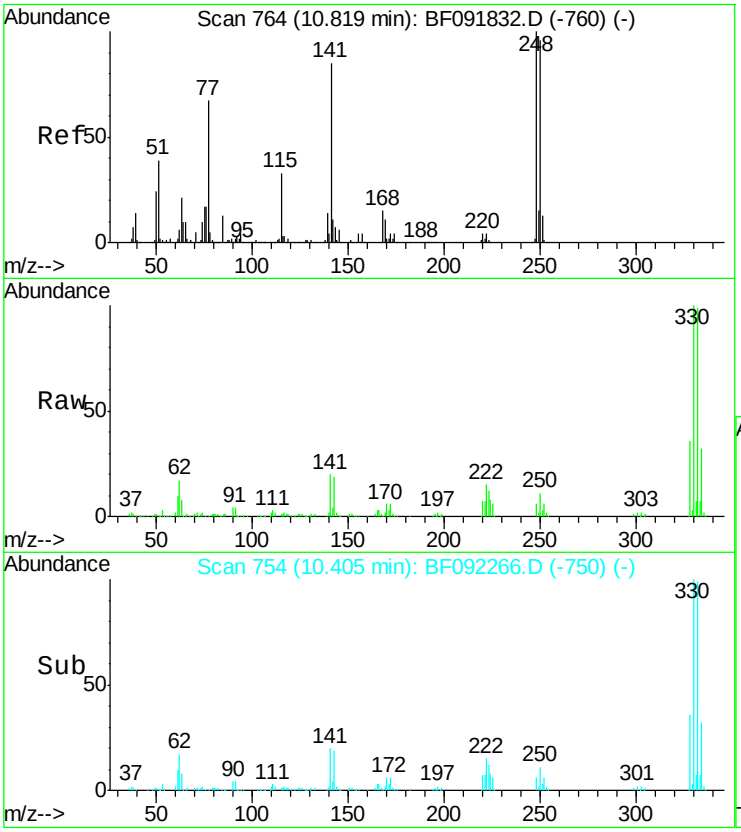


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Tgt Ion:188 Resp: 679510

Ion	Ratio	Lower	Upper
188	100		
94	6.2	10.0	15.0#
80	6.3	11.2	16.8#



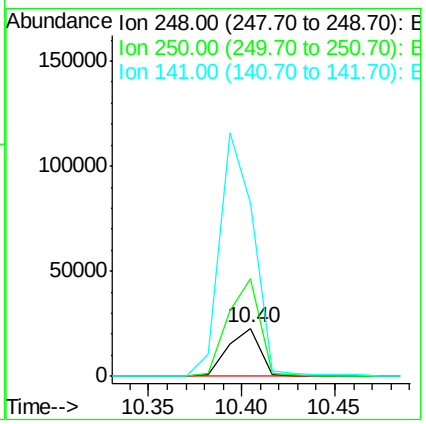


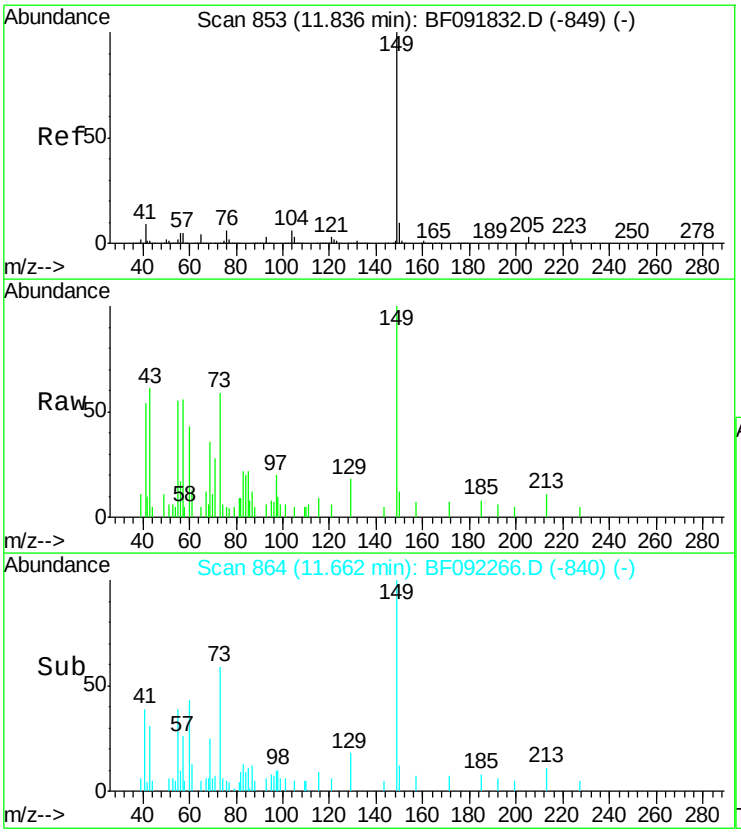
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Instrument :
BNA_F
ClientSampleId :
COMP-0029

Tgt Ion:248 Resp: 27691

Ion	Ratio	Lower	Upper
248	100		
250	202.8	76.9	115.3#
141	358.6	68.2	102.4#

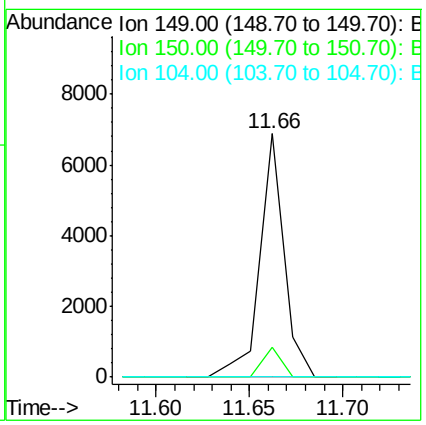


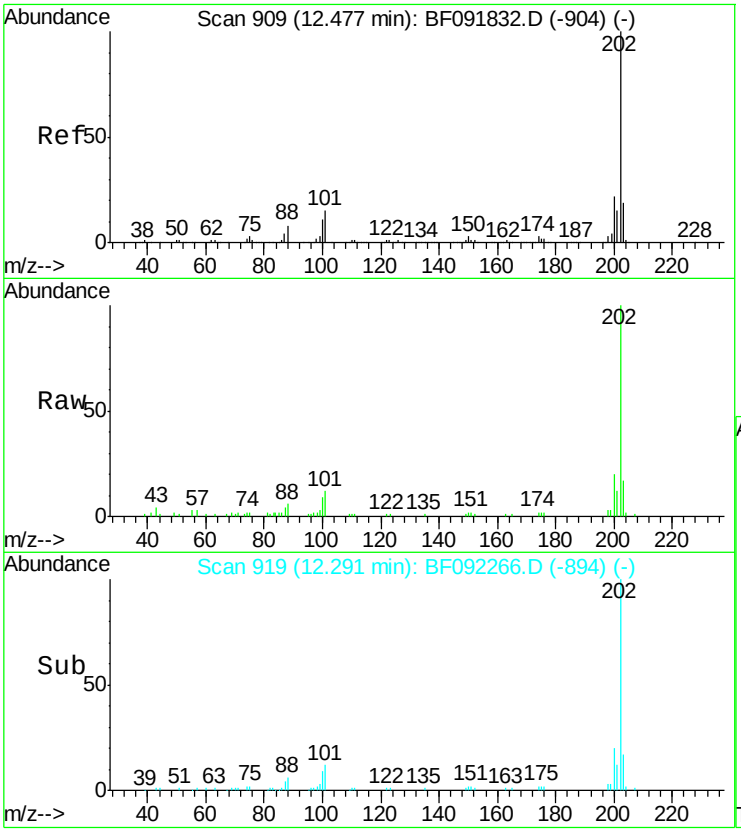


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.66 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Tgt Ion:149 Resp: 6259

Ion	Ratio	Lower	Upper
149	100		
150	12.2	8.1	12.1#
104	0.0	4.6	7.0#



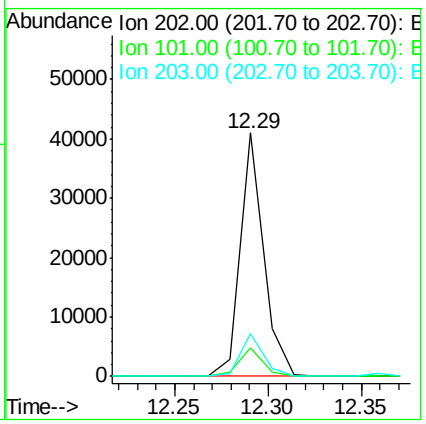


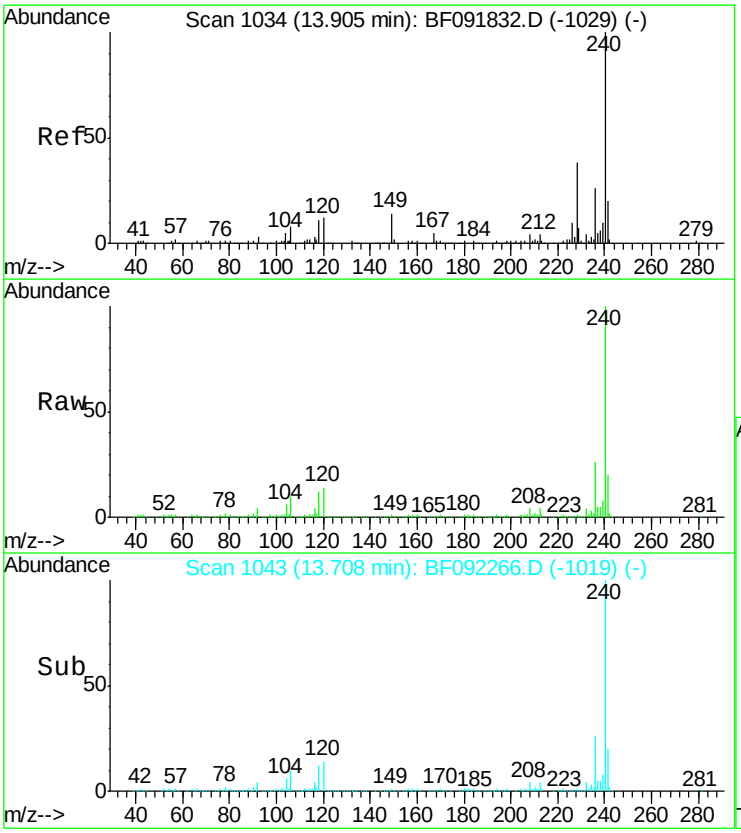
#74
Fluoranthene
Concen: Below Cal
RT: 12.29 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Instrument :
BNA_F
ClientSampleId :
COMP-0029

Tgt Ion:202 Resp: 35785

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.6
203	17.3	0.0	38.7

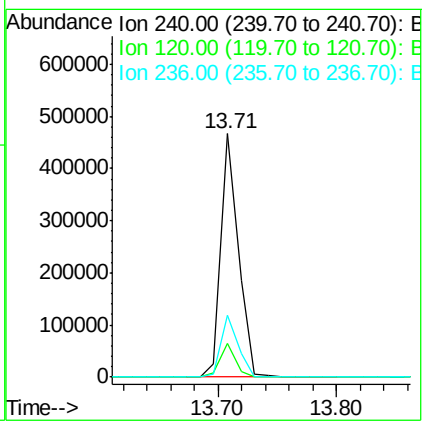


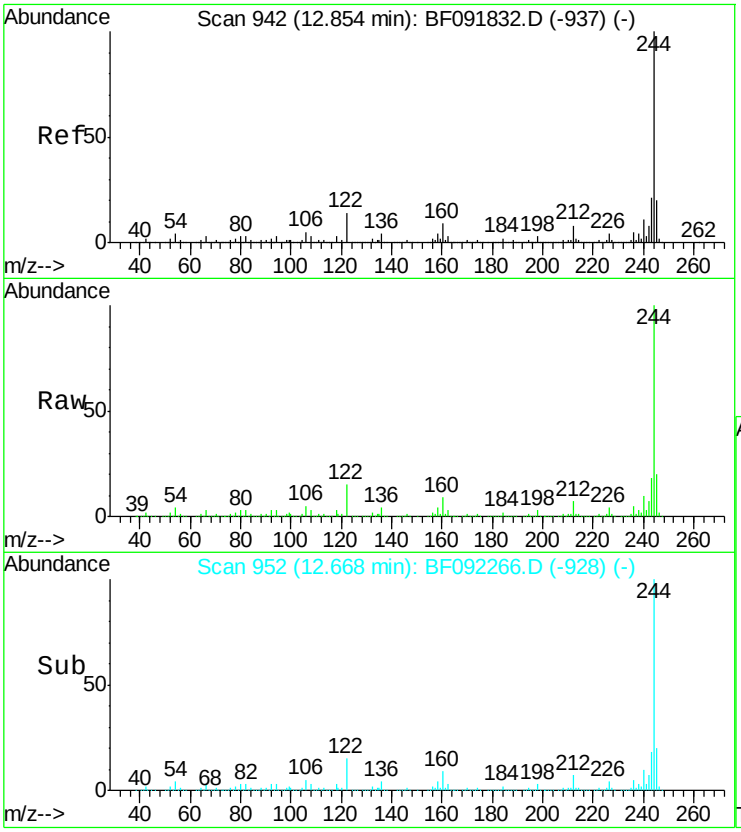


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Tgt Ion:240 Resp: 473655

Ion	Ratio	Lower	Upper
240	100		
120	13.9	12.9	19.3
236	25.7	20.9	31.3



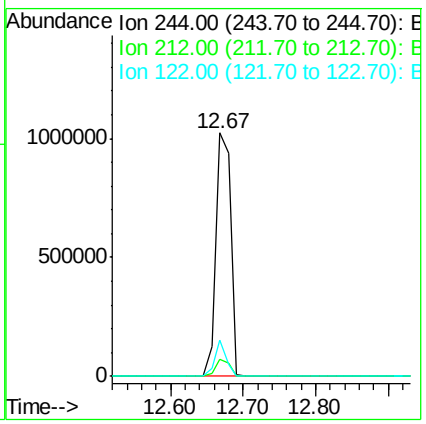


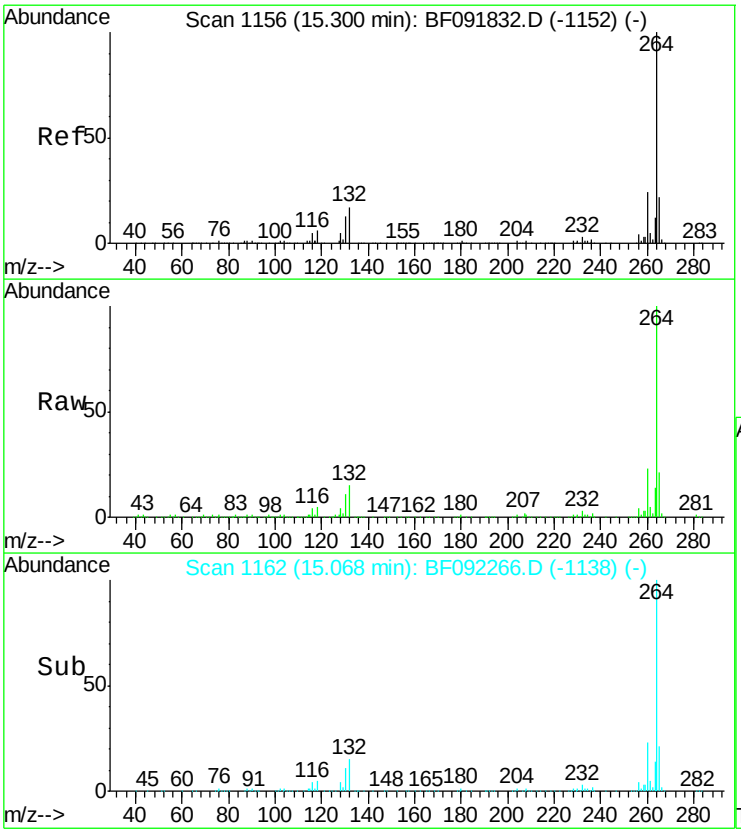
#78
Terphenyl-d14
Concen: 73.90 ng
RT: 12.67 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Instrument :
BNA_F
ClientSampleId :
COMP-0029

Tgt Ion:244 Resp: 1443236

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	15.1	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092266.D
Acq: 14 Jan 2017 2:38

Tgt Ion:264 Resp: 368002

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	17.4	26.0