Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
Data File : BF089576.D
Acq On : 4 Aug 2016 3:17
Operator : UM/SJ
Sample : H4328-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 04 08:00:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 04 07:58:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	42166	20.00	ng		-0.01
21) Naphthalene-d8	9.48	136	185686	20.00	ng		-0.01
38) Acenaphthene-d10	12.32	164	89644	20.00	ng		0.00
63) Phenanthrene-d10	14.71	188	172566	20.00	ng		-0.01
75) Chrysene-d12	18.40	240	109911	20.00	ng		-0.01
86) Perylene-d12	20.07	264	86795	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	38755	15.47	ng		0.01
7) Phenol-d6	7.00	99	63422	18.70	ng		0.00
23) Nitrobenzene-d5	8.38	82	34720	10.34	ng		0.00
41) 2,4,6-Tribromophenol	13.61	330	11387	15.99	ng		0.00
44) 2-Fluorobiphenyl	11.27	172	63999	9.27	ng		-0.01
78) Terphenyl-d14	17.06	244	45821	8.36	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	7.70	79	228	0.10	ng	#	17
19) n-Nitroso-di-n-propylamine	8.38	70	2503	1.05	ng	#	83
49) Dimethylphthalate	11.97	163	19560	2.85	ng		99
50) 2,6-Dinitrotoluene	12.31	165	10017	7.29	ng	#	27
70) Phenanthrene	14.75	178	2409	0.26	ng	#	60
71) Anthracene	14.75	178	2409	0.24	ng	#	61
74) Fluoranthene	16.53	202	3438	0.37	ng		86
77) Pyrene	16.82	202	4820	0.49	ng	#	91
80) Benzo(a)anthracene	18.40	228	1782	0.28	ng	#	82
82) Chrysene	18.40	228	1782	0.27	ng	#	87
83) Bis(2-ethylhexyl)phthalate	18.49	149	209	0.04	ng	#	55
87) Benzo(b)fluoranthene	19.69	252	1621	0.31	ng	#	59
88) Benzo(k)fluoranthene	19.69	252	1621	0.31	ng	#	60
89) Benzo(a)pyrene	20.03	252	898	0.18	ng	#	61

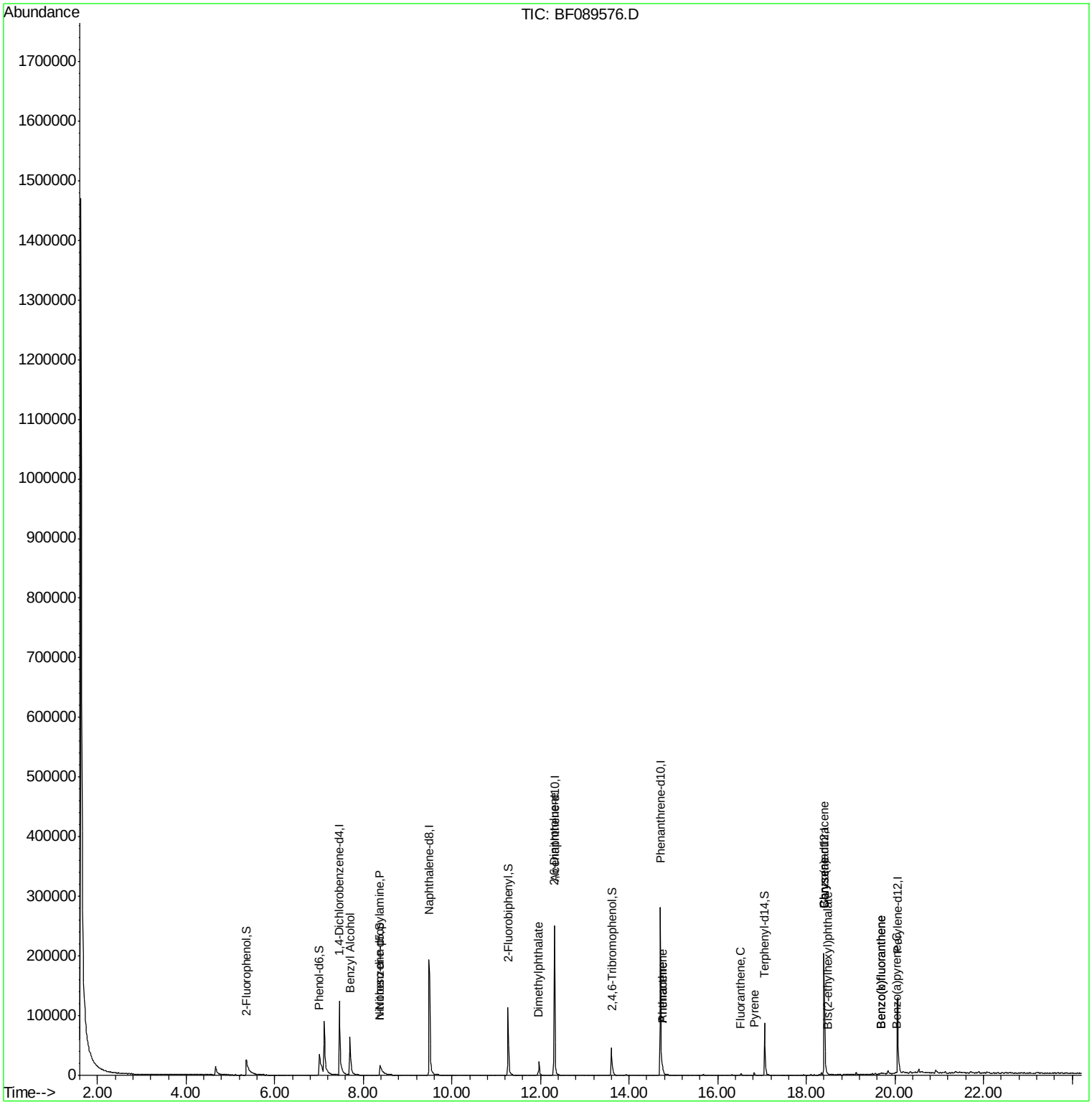
(#) = qualifier out of range (m) = manual integration (+) = signals summed

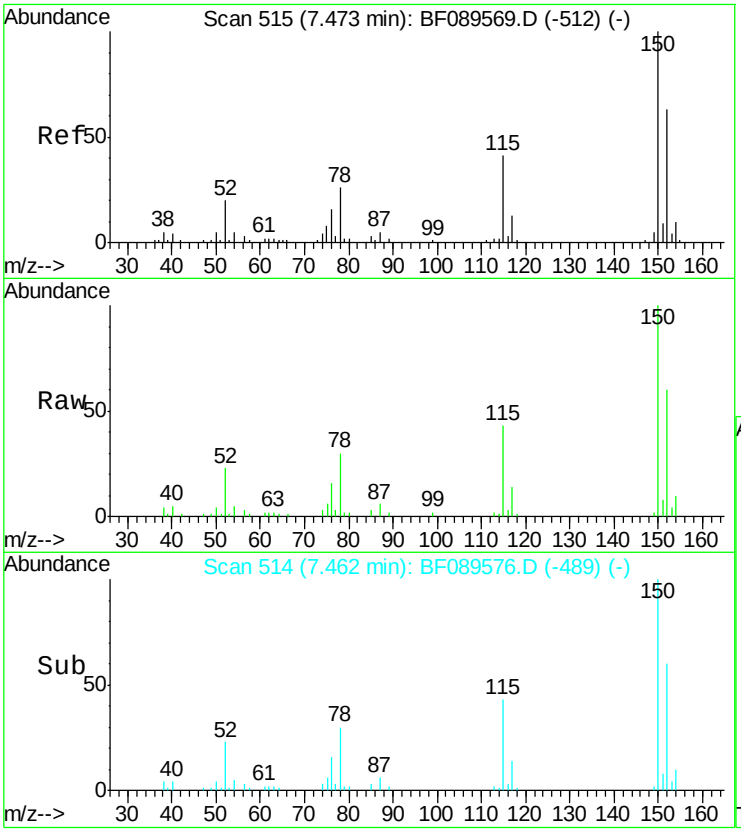
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
Data File : BF089576.D
Acq On : 4 Aug 2016 3:17
Operator : UM/SJ
Sample : H4328-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 04 08:00:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 04 07:58:27 2016
Response via : Initial Calibration



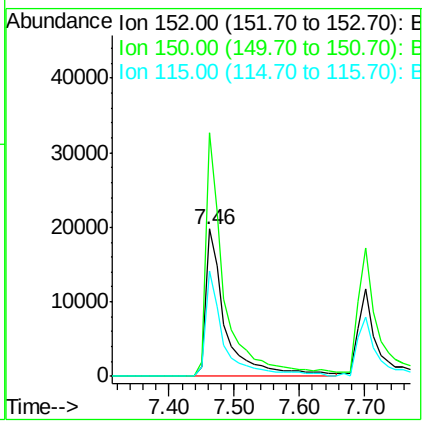


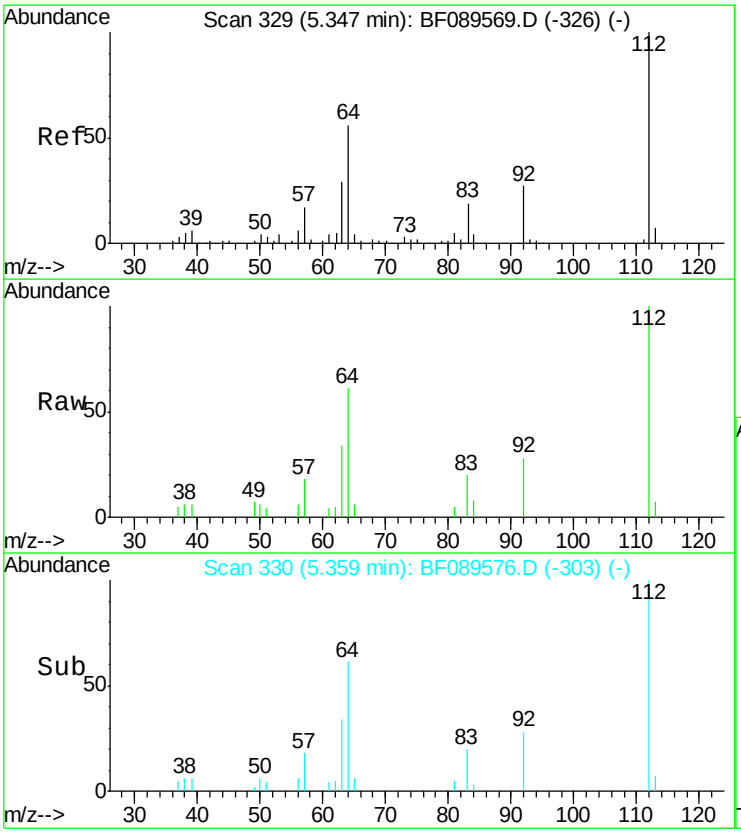
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 42166

Ion	Ratio	Lower	Upper
152	100		
150	165.3	127.4	191.2
115	71.4	51.8	77.8

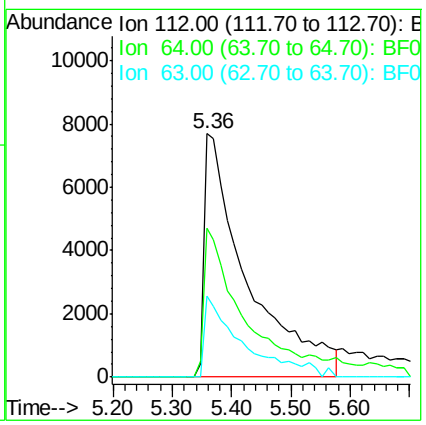


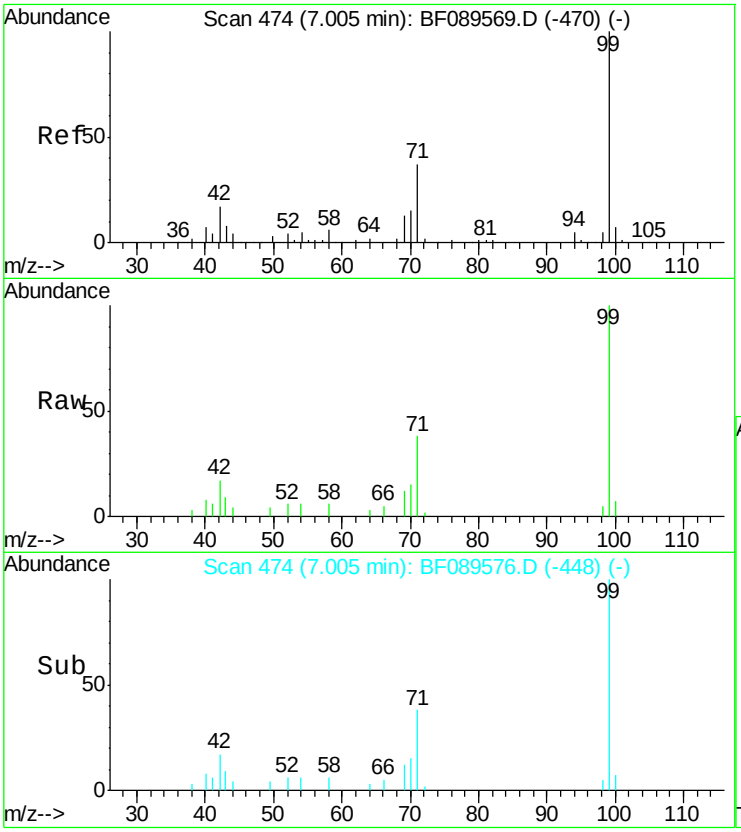


#5
2-Fluorophenol
Concen: 15.47 ng
RT: 5.36 min Scan# 330
Delta R.T. 0.01 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Tgt Ion:112 Resp: 38755

Ion	Ratio	Lower	Upper
112	100		
64	61.3	45.2	67.8
63	33.5	23.1	34.7



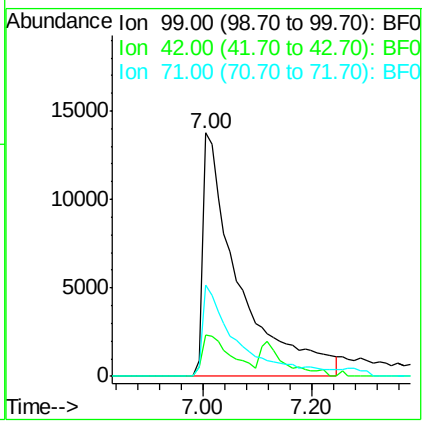


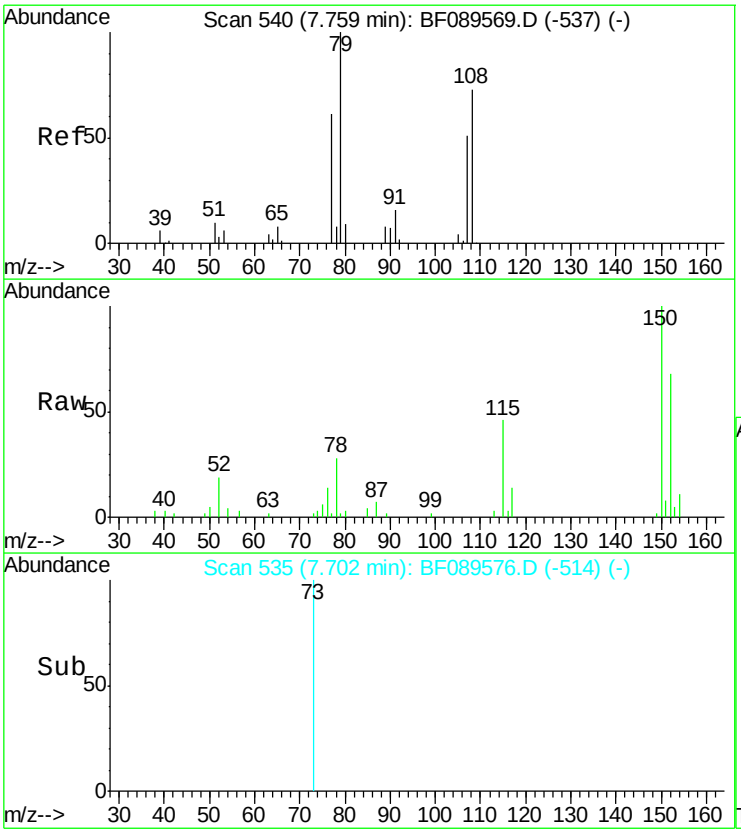
#7
Phenol-d6
Concen: 18.70 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 63422

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.9	20.9
71	37.7	29.3	43.9

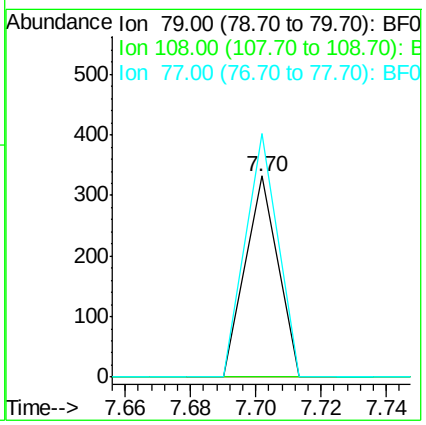


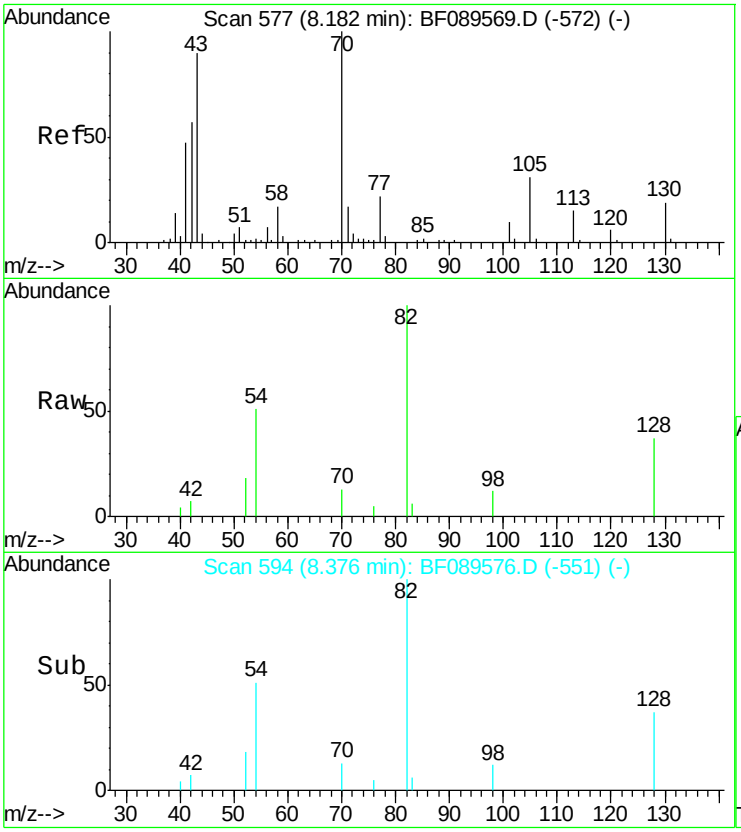


#15
Benzyl Alcohol
Concen: 0.10 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Tgt Ion: 79 Resp: 228

Ion	Ratio	Lower	Upper
79	100		
108	0.0	60.6	90.8#
77	121.1	50.0	75.0#



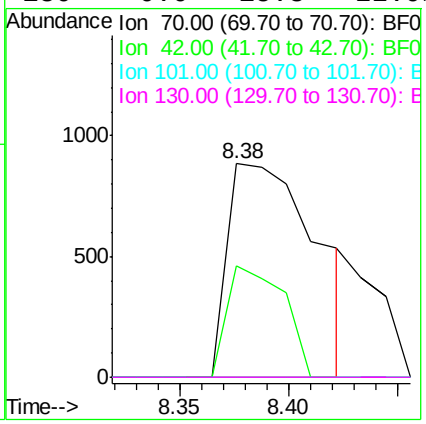


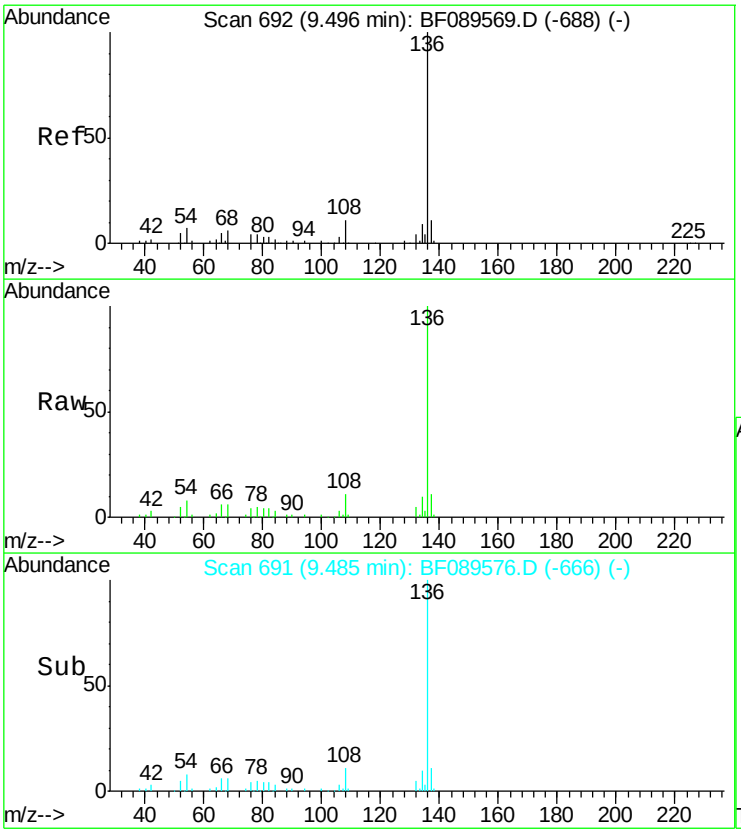
#19
n-Nitroso-di-n-propylamine
Concen: 1.05 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.19 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 2503

Ion	Ratio	Lower	Upper
70	100		
42	52.2	45.5	68.3
101	0.0	7.7	11.5#
130	0.0	15.3	22.9#

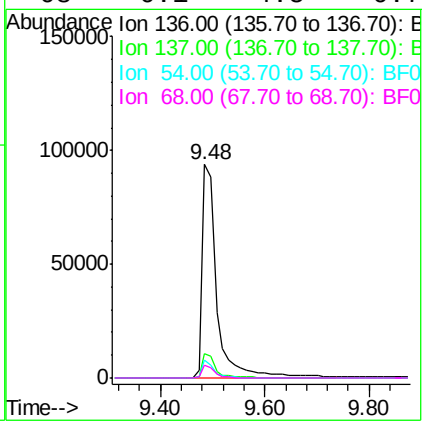


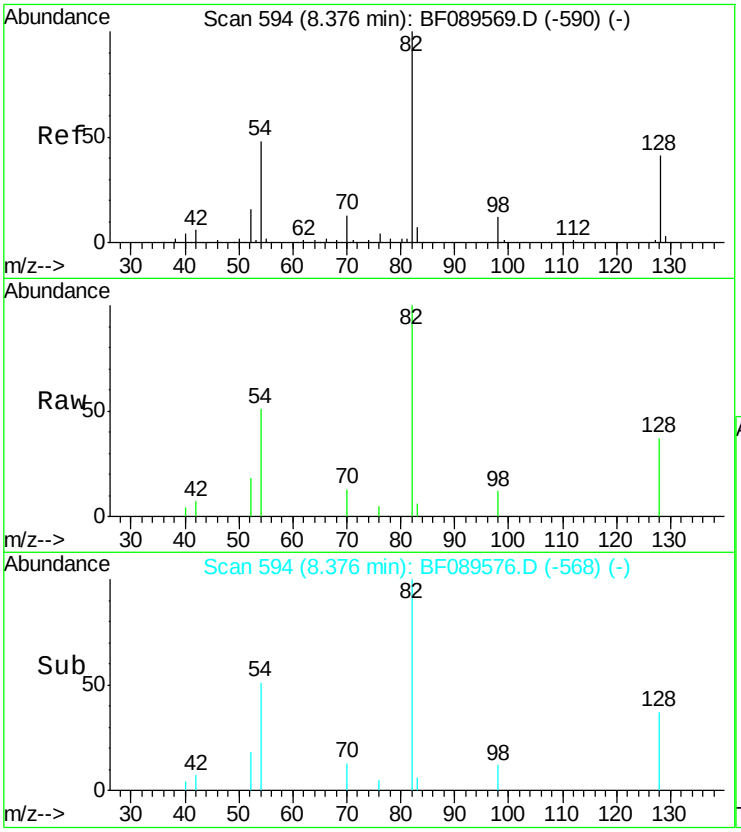


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Tgt Ion:136 Resp: 185686

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.4	5.9	8.9
68	6.1	4.5	6.7



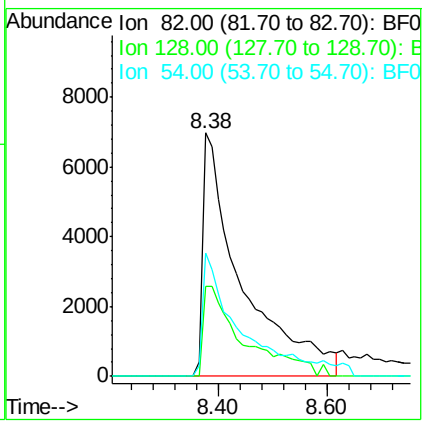


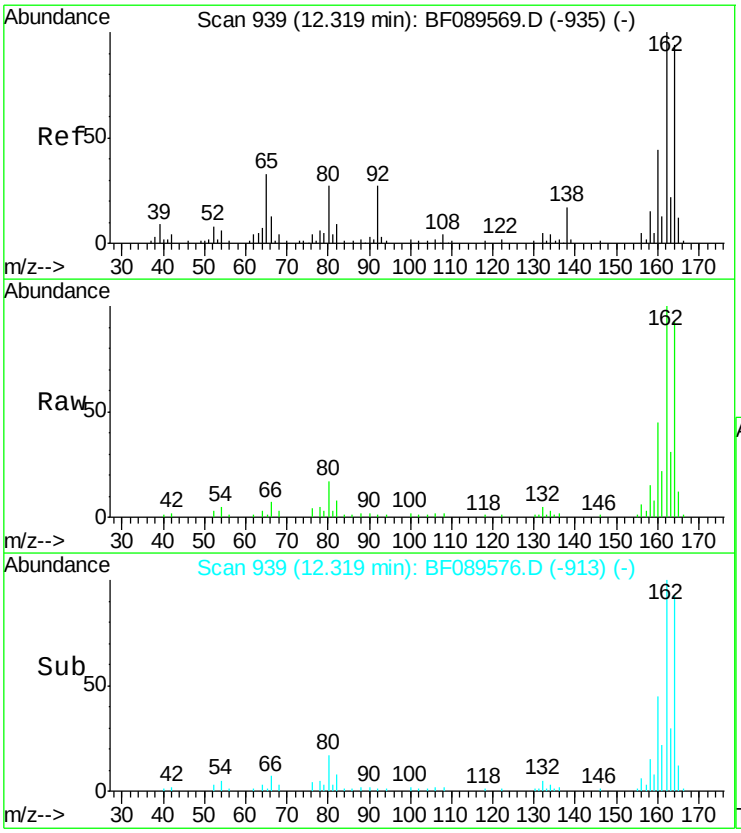
#23
Nitrobenzene-d5
Concen: 10.34 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 34720

Ion	Ratio	Lower	Upper
82	100		
128	36.9	32.4	48.6
54	50.8	38.6	58.0

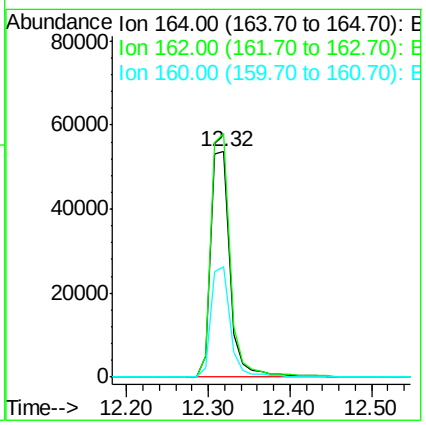


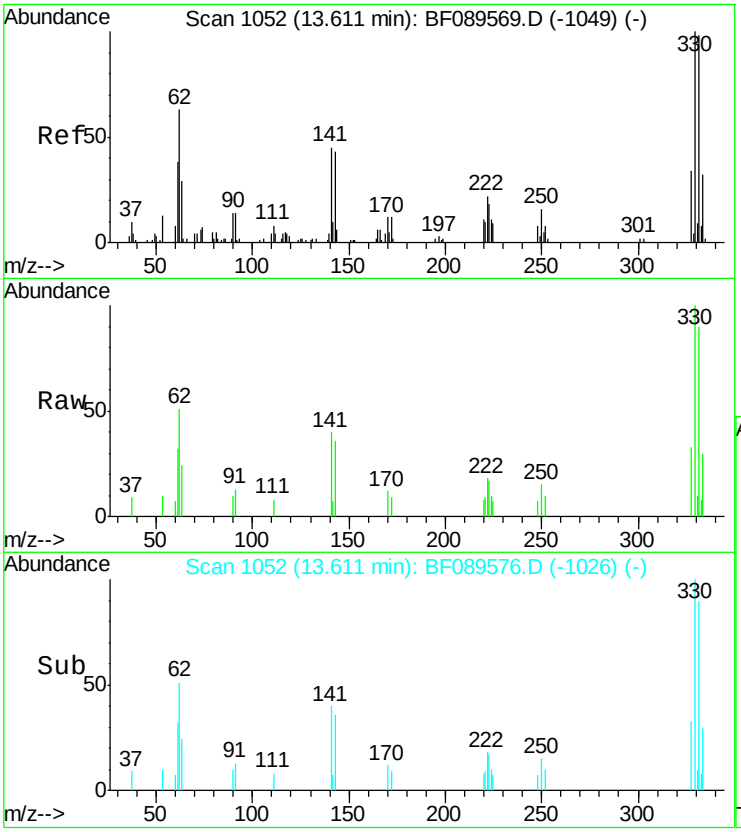


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.32 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Tgt Ion:164 Resp: 89644

Ion	Ratio	Lower	Upper
164	100		
162	107.9	85.4	128.2
160	48.8	37.3	55.9



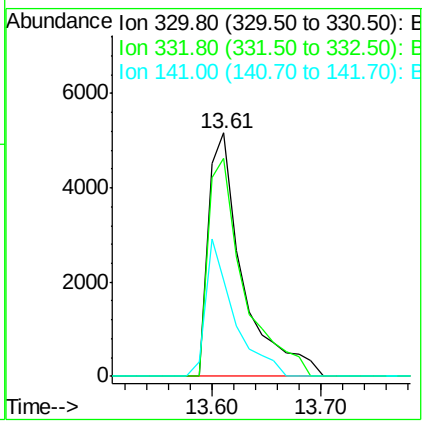


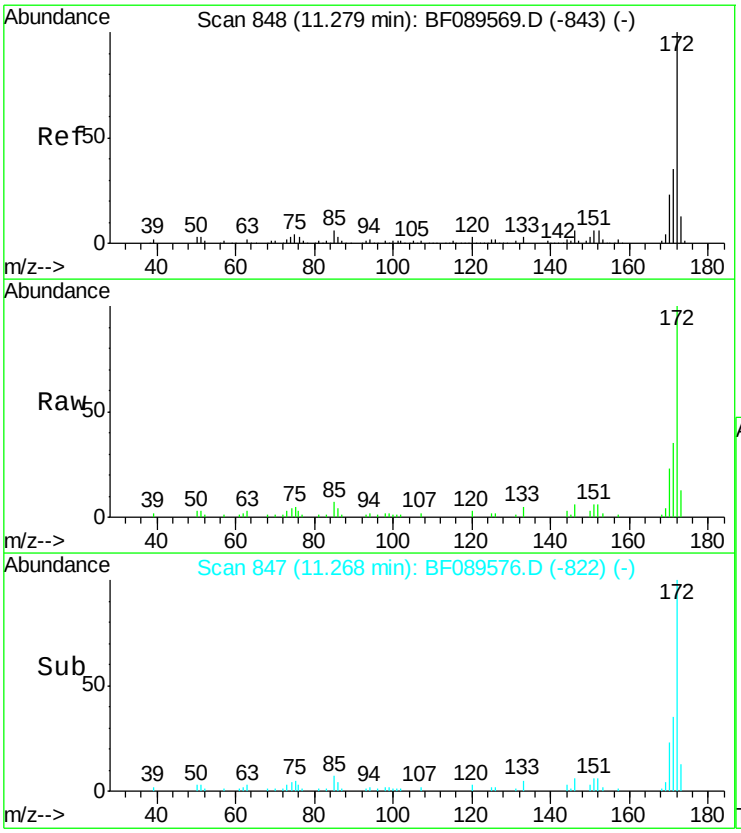
#41
2,4,6-Tribromophenol
Concen: 15.99 ng
RT: 13.61 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 11387

Ion	Ratio	Lower	Upper
330	100		
332	92.5	76.7	115.1
141	46.3	40.3	60.5

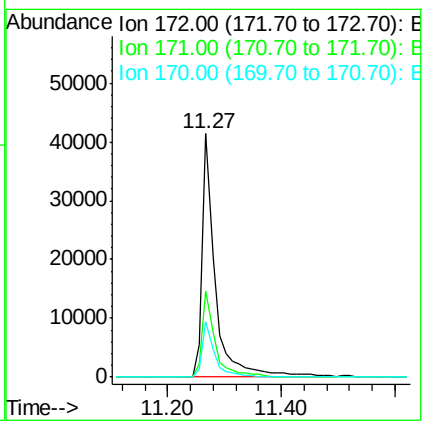


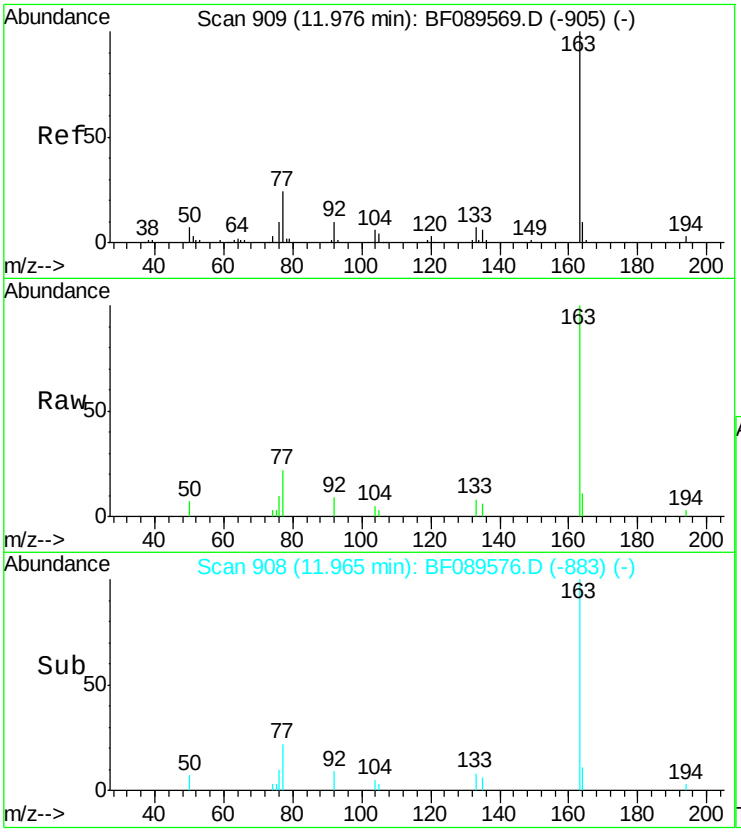


#44
2-Fluorobiphenyl
Concen: 9.27 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Tgt Ion:172 Resp: 63999

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	22.6	18.6	28.0



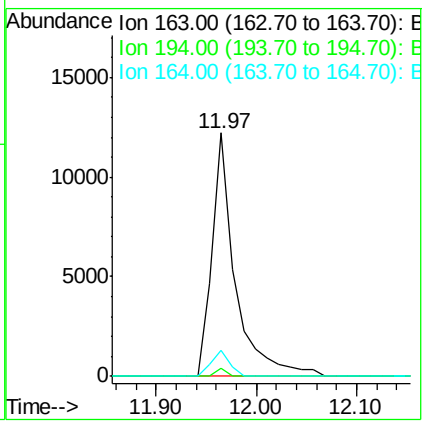


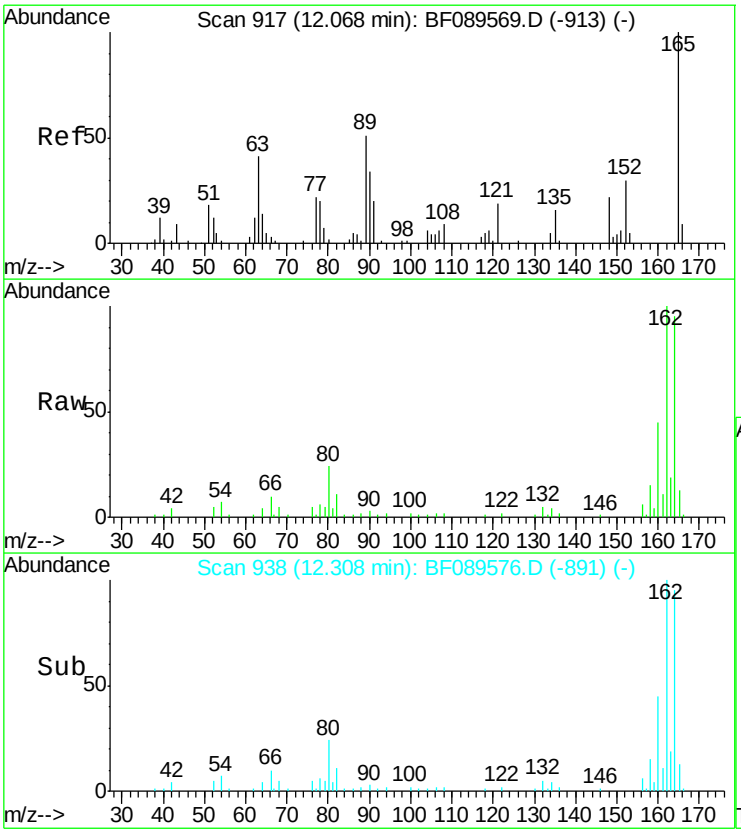
#49
Dimethylphthalate
Concen: 2.85 ng
RT: 11.97 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 19560

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.4	3.6
164	10.6	8.2	12.4

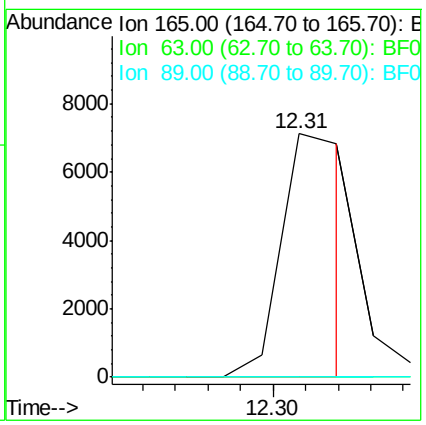


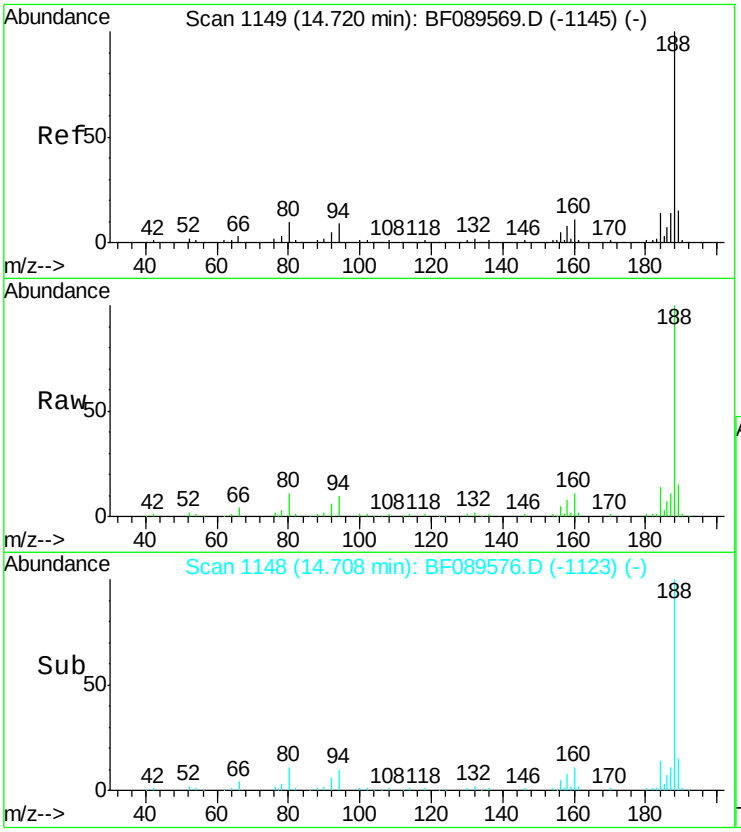


#50
2,6-Dinitrotoluene
Concen: 7.29 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.24 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Tgt Ion:165 Resp: 10017

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.0	40.6	61.0#



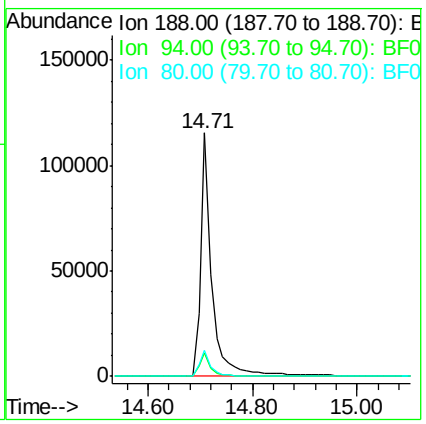


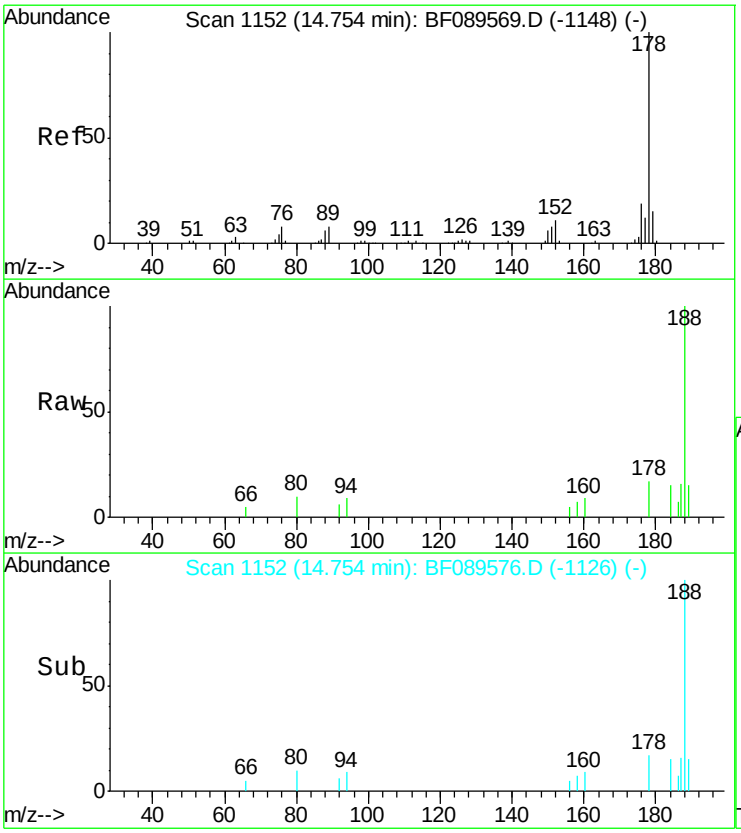
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 172566

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.4
80	10.8	7.7	11.5

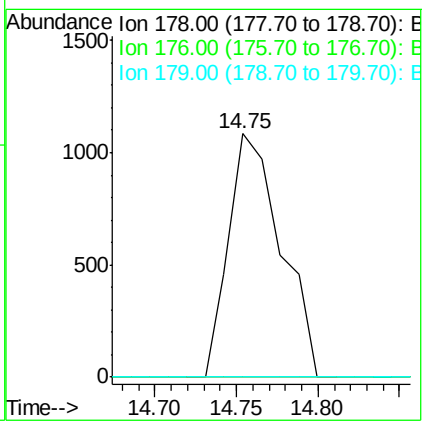


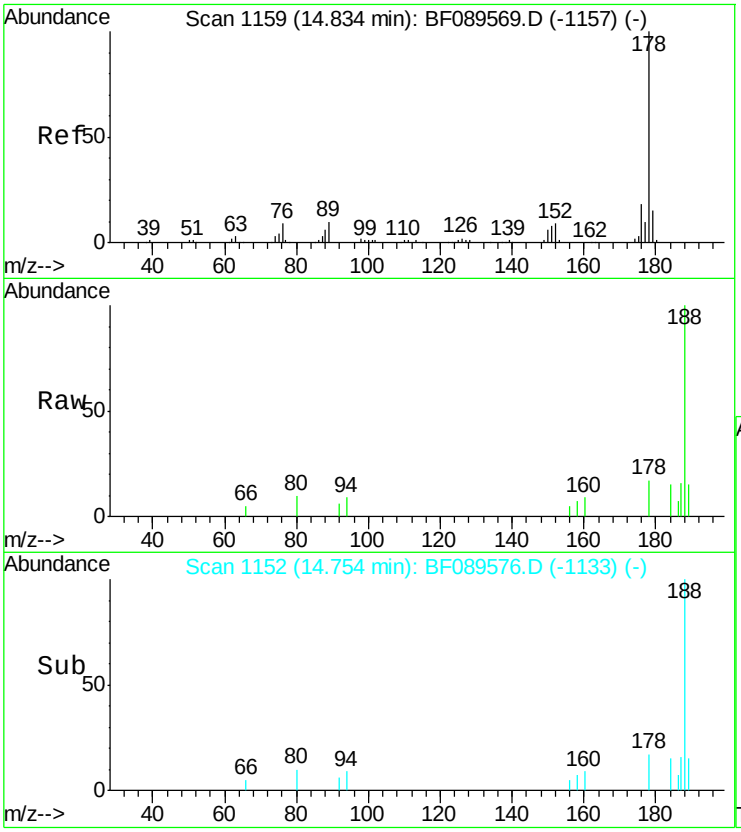


#70
Phenanthrene
Concen: 0.26 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Tgt Ion:178 Resp: 2409

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.2	22.8#
179	0.0	12.2	18.4#



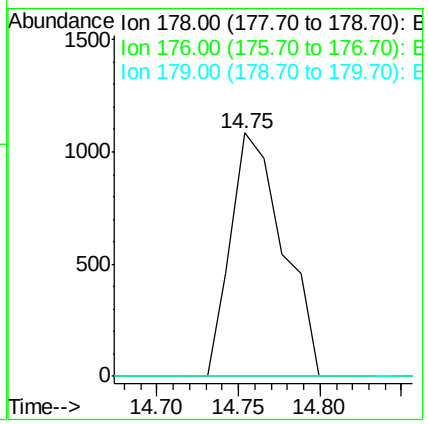


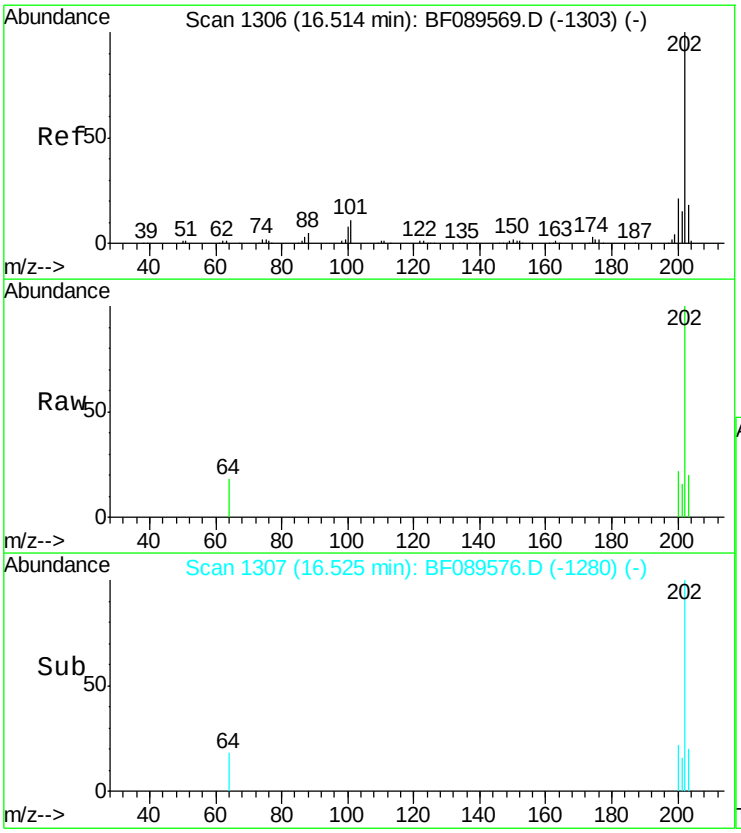
#71
Anthracene
Concen: 0.24 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.08 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 2409

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.7	22.1#
179	0.0	12.2	18.2#

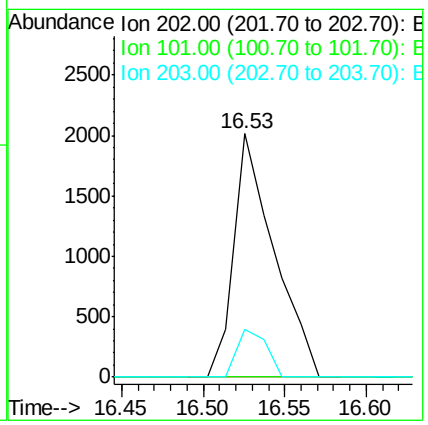


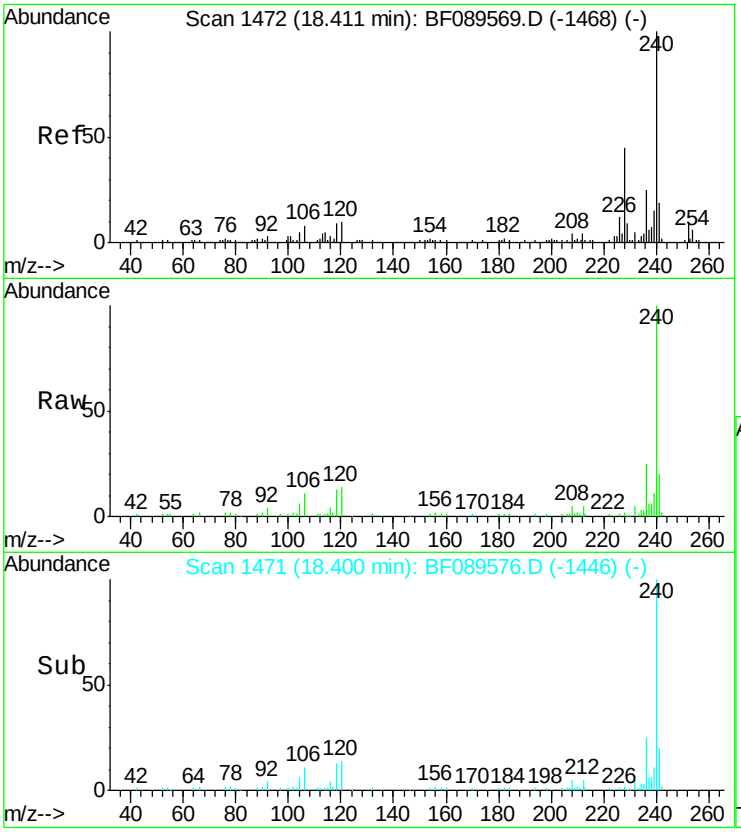


#74
Fluoranthene
Concen: 0.37 ng
RT: 16.53 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Tgt Ion:202 Resp: 3438

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.0
203	19.6	0.0	37.7



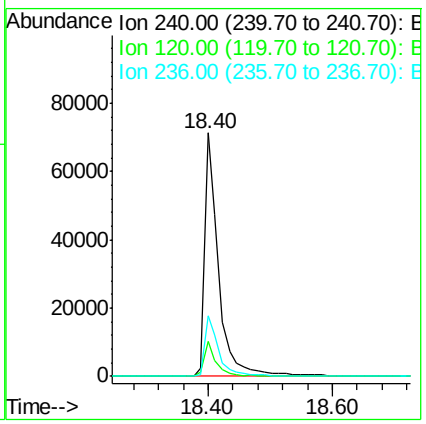


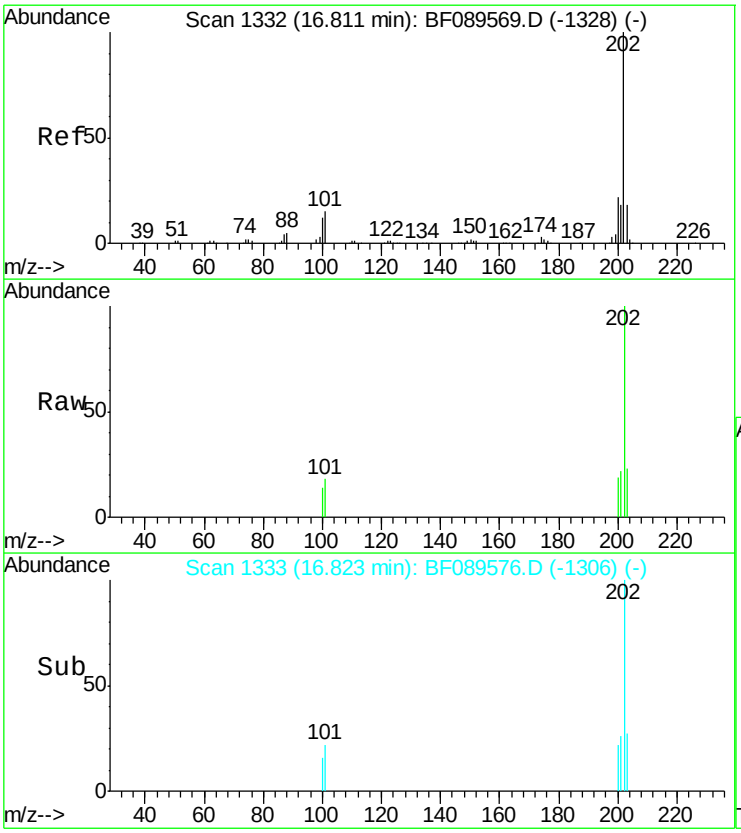
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 109911

Ion	Ratio	Lower	Upper
240	100		
120	14.1	8.2	12.2#
236	24.8	20.3	30.5

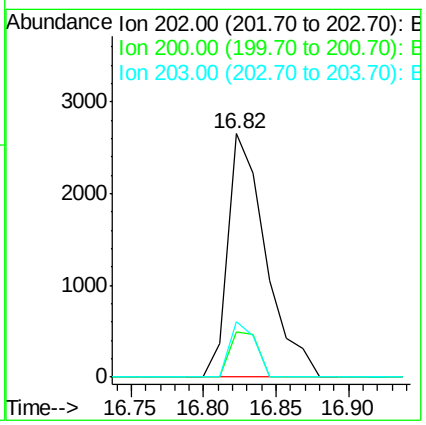


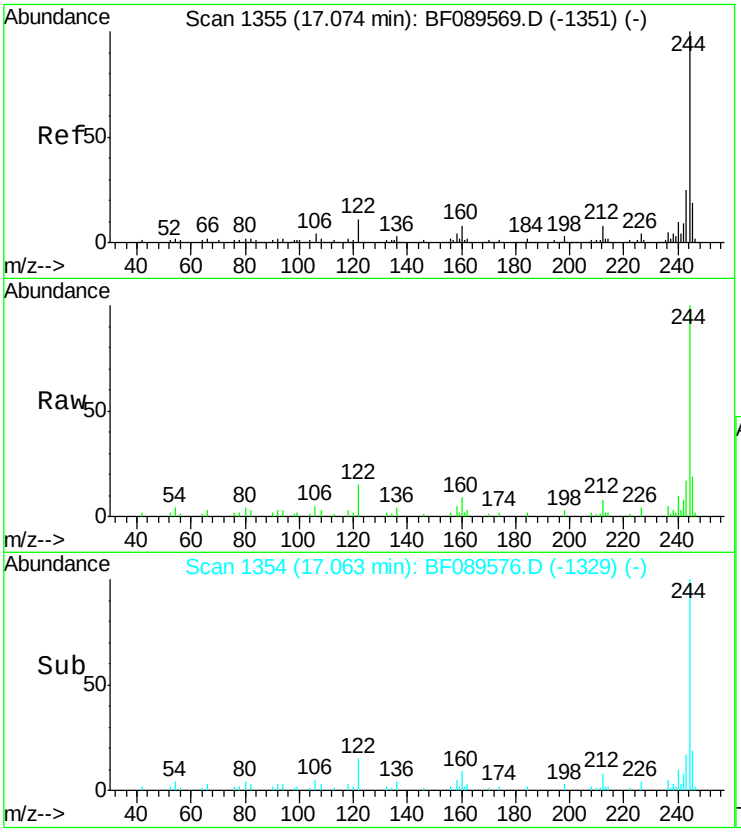


#77
Pyrene
Concen: 0.49 ng
RT: 16.82 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Tgt Ion:202 Resp: 4820

Ion	Ratio	Lower	Upper
202	100		
200	18.7	17.2	25.8
203	23.0	14.2	21.2#



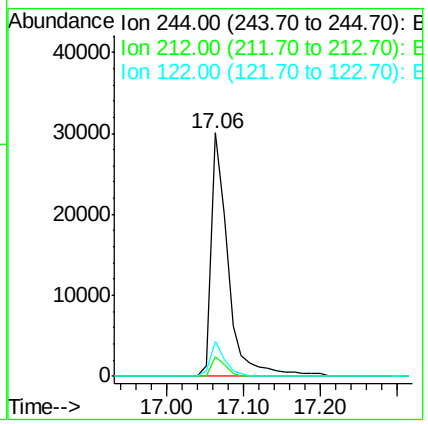


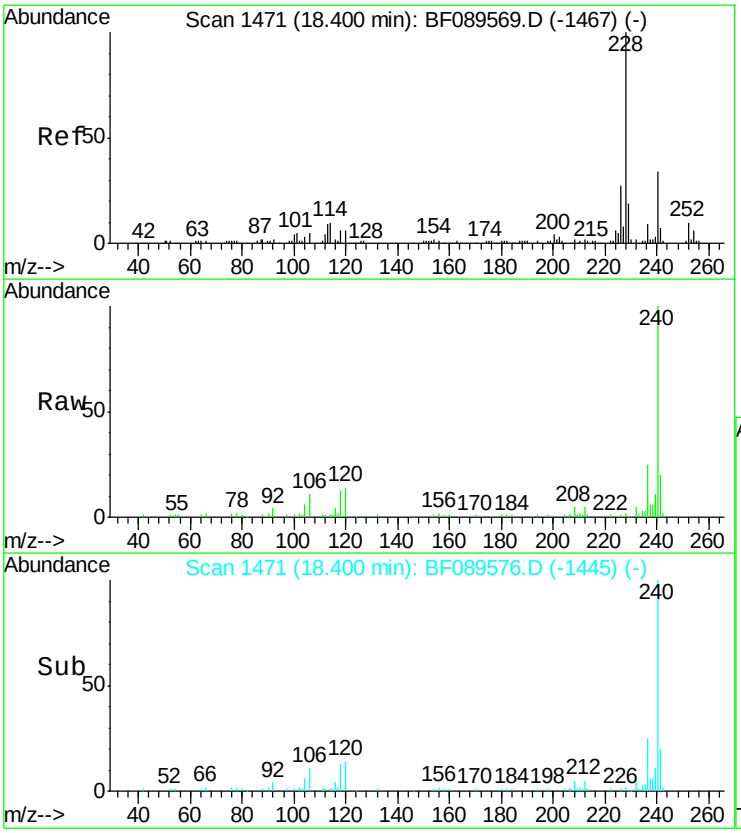
#78
Terphenyl-d14
Concen: 8.36 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 45821

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.4
122	14.5	8.5	12.7#

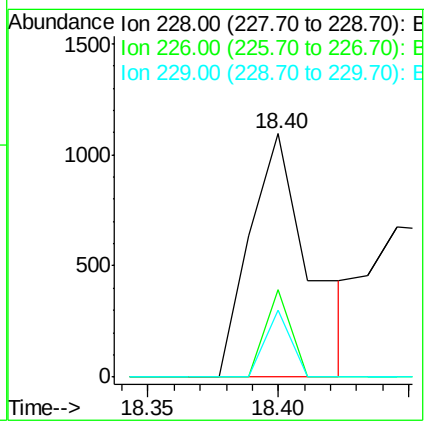


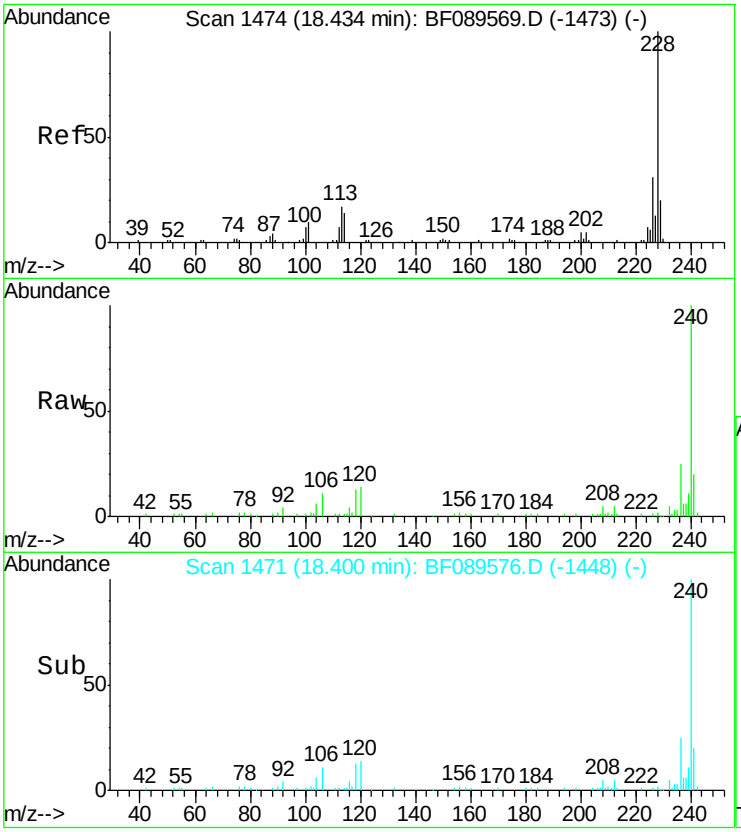


#80
Benzo(a)anthracene
Concen: 0.28 ng
RT: 18.40 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Tgt Ion:228 Resp: 1782

Ion	Ratio	Lower	Upper
228	100		
226	36.2	21.5	32.3#
229	27.6	15.1	22.7#



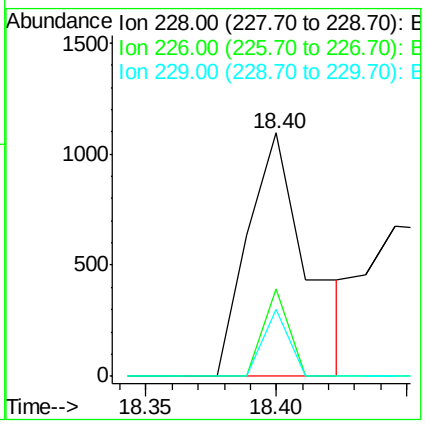


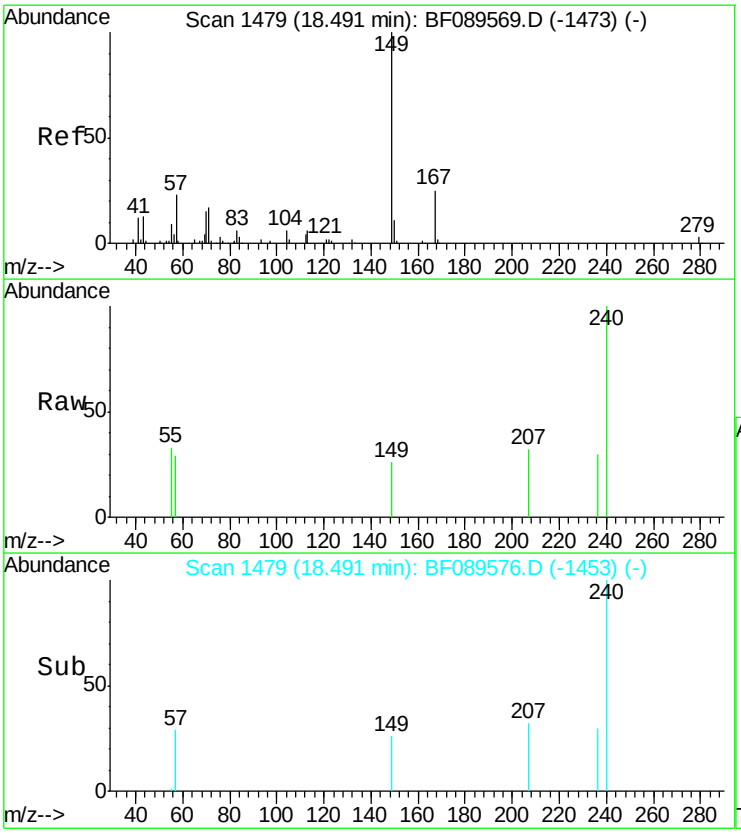
#82
Chrysene
Concen: 0.27 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.03 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1782

Ion	Ratio	Lower	Upper
228	100		
226	36.2	24.3	36.5
229	27.6	15.7	23.5#

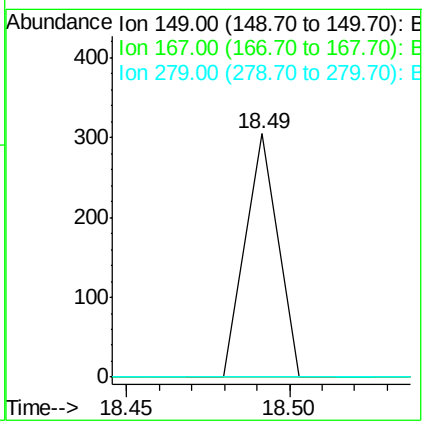


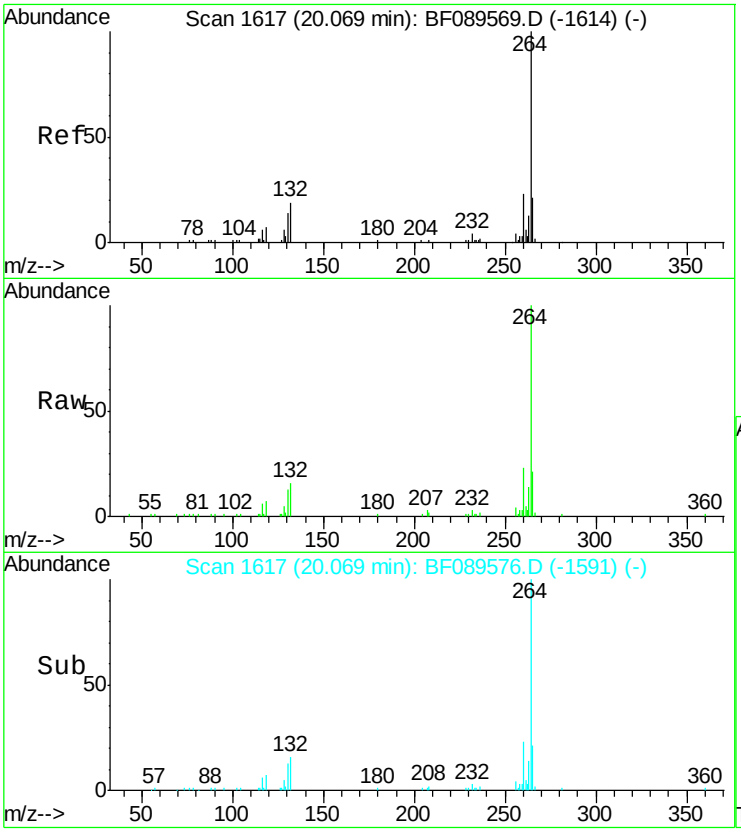


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Tgt Ion:149 Resp: 209

Ion	Ratio	Lower	Upper
149	100		
167	0.0	19.7	29.5#
279	0.0	2.3	3.5#



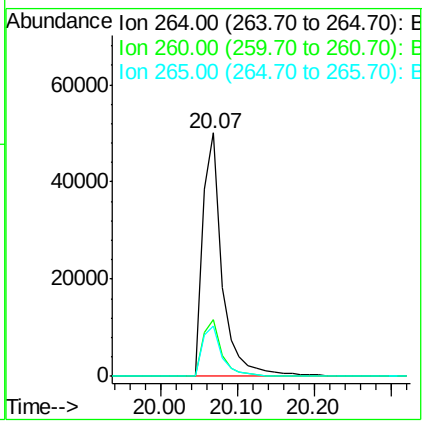


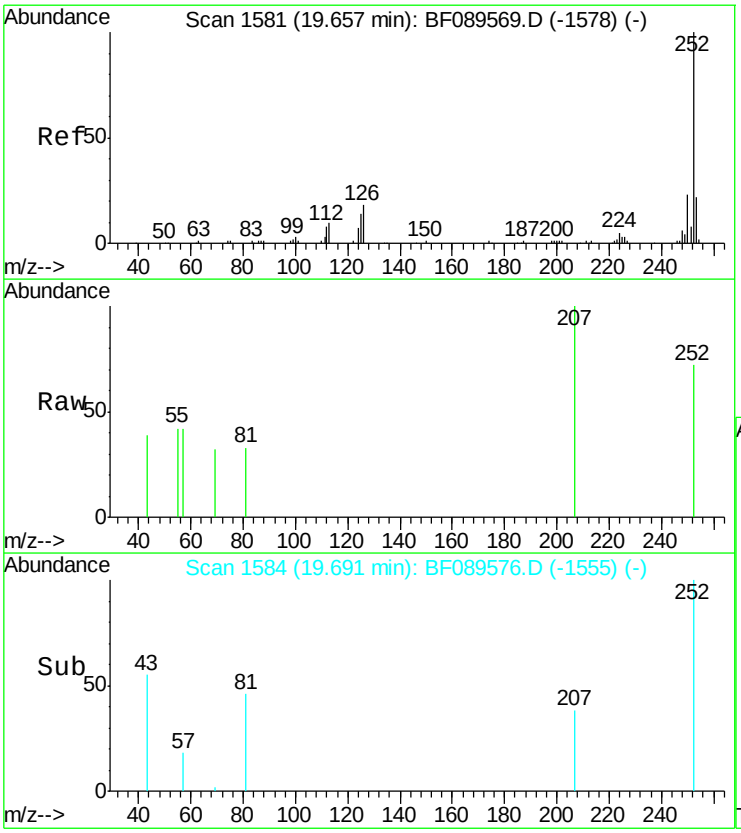
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.07 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 86795

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	20.8	16.6	25.0

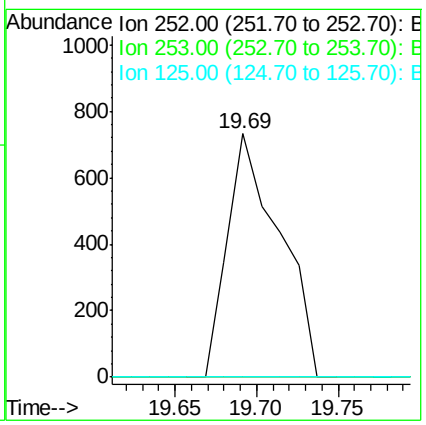


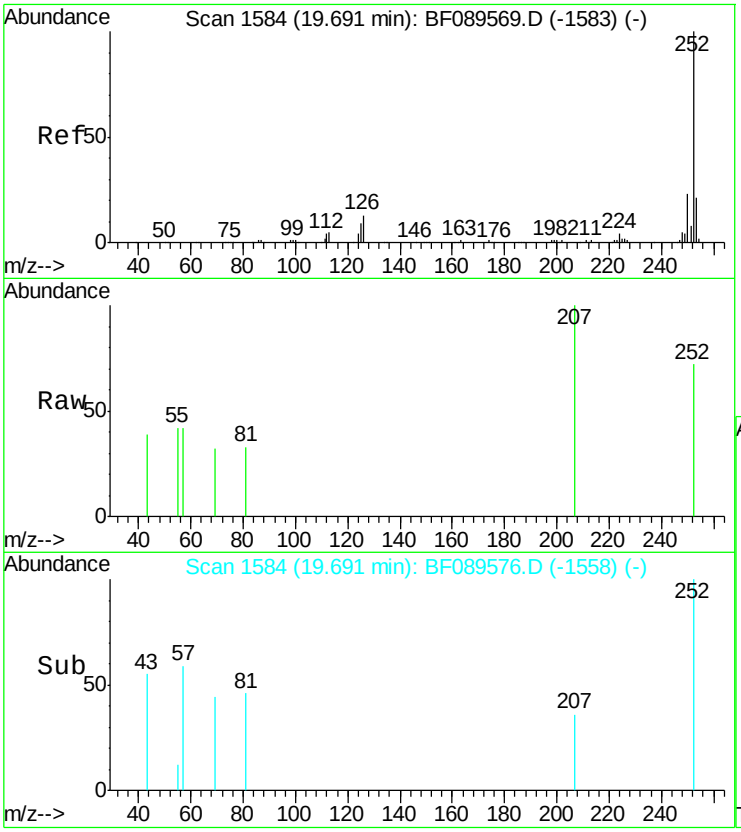


#87
Benzo(b)fluoranthene
Concen: 0.31 ng
RT: 19.69 min Scan# 1584
Delta R.T. 0.03 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Tgt Ion:252 Resp: 1621

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.6	26.4#
125	0.0	11.0	16.4#



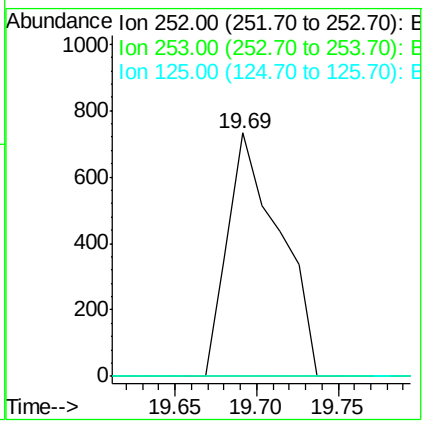


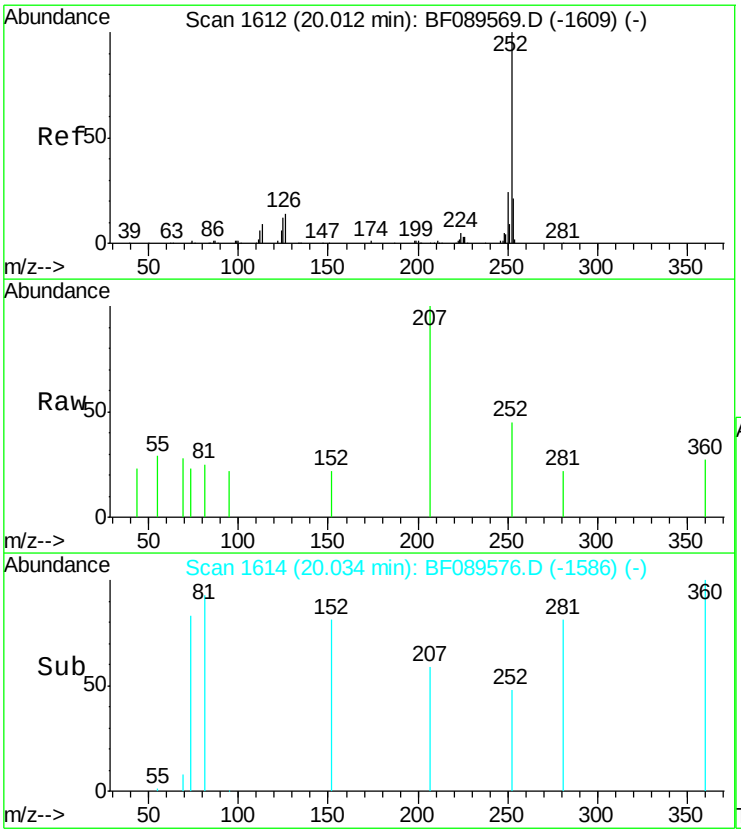
#88
Benzo(k)fluoranthene
Concen: 0.31 ng
RT: 19.69 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1621

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.2	25.8#
125	0.0	9.3	13.9#





#89
Benzo(a)pyrene
Concen: 0.18 ng
RT: 20.03 min Scan# 1614
Delta R.T. 0.02 min
Lab File: BF089576.D
Acq: 4 Aug 2016 3:17

Tgt Ion:252 Resp: 898

Ion	Ratio	Lower	Upper
252	100		
253	0.0	16.6	24.8#
125	0.0	9.4	14.0#