Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012819\
Data File : BF112283.D
Acq On : 28 Jan 2019 19:11
Operator : JU/SJ
Sample : K1261-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EL-EAST-OF-JDHS

Quant Time: Jan 29 00:07:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	196265	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	776059	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	390281	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	757528	20.00	ng		0.00
76) Chrysene-d12	14.00	240	569250	20.00	ng		-0.01
87) Perylene-d12	15.46	264	438939	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	639195	69.18	ng		0.00
7) Phenol-d6	6.48	99	734315	57.19	ng		-0.01
23) Nitrobenzene-d5	7.40	82	560801	41.64	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	293048	64.51	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1237819	44.86	ng		-0.01
79) Terphenyl-d14	12.95	244	1407495	46.57	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	17119	2.551	ng		85
19) n-Nitroso-di-n-propylamine	7.40	70	74528	8.418	ng	#	75
25) Isophorone	7.40	82	560797	26.541	ng	#	63
51) 2,6-Dinitrotoluene	9.87	165	51519	7.586	ng	#	34
57) 2,4-Dinitrotoluene	9.87	165	51520	5.959	ng	#	31
67) 4-Bromophenyl-phenylether	10.67	248	17965	2.016	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012819\
Data File : BF112283.D
Acq On : 28 Jan 2019 19:11
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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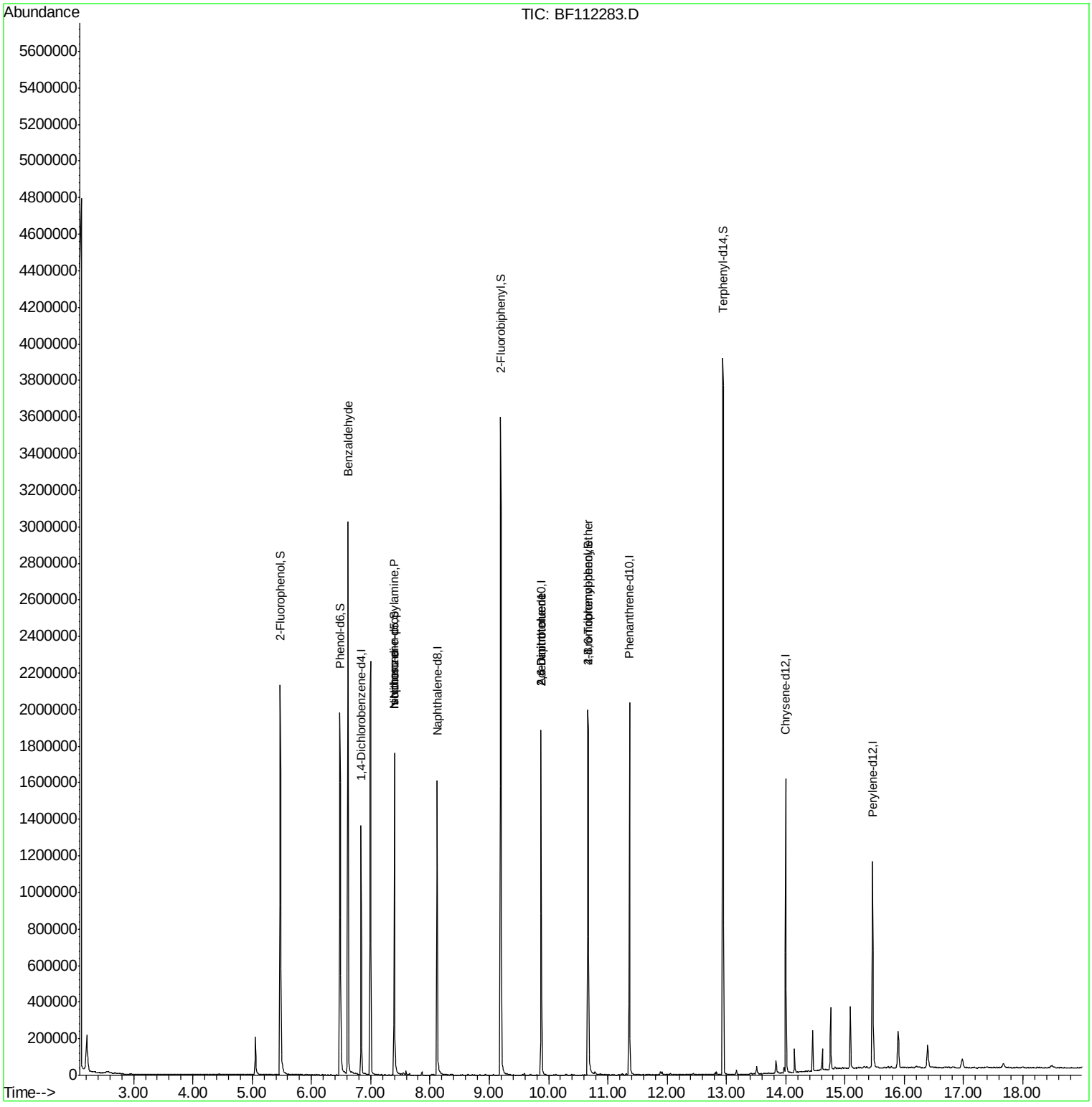
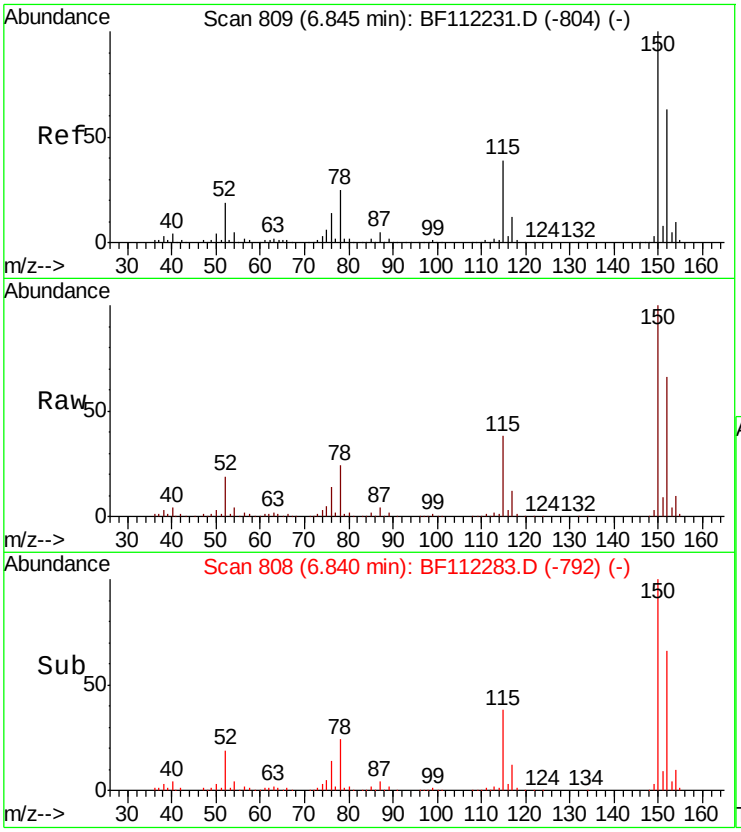
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



8270-BF012519.M Tue Jan 29 00:05:02 2019 Page: 2

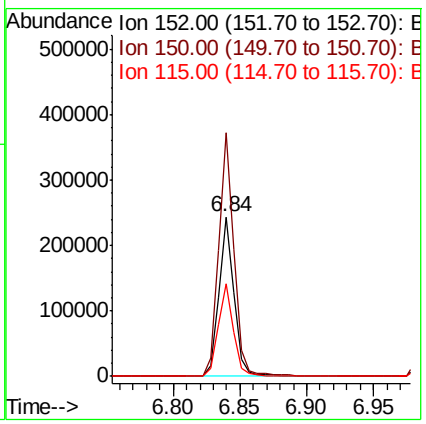


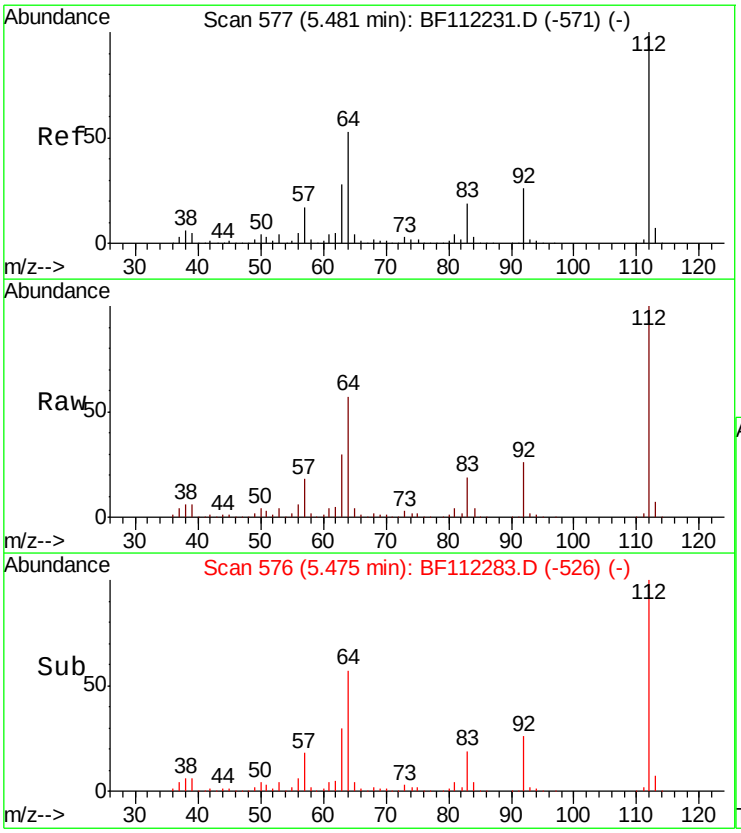
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tgt Ion:152 Resp: 196265

Ion	Ratio	Lower	Upper
152	100		
150	152.4	127.4	191.0
115	57.9	45.5	68.3

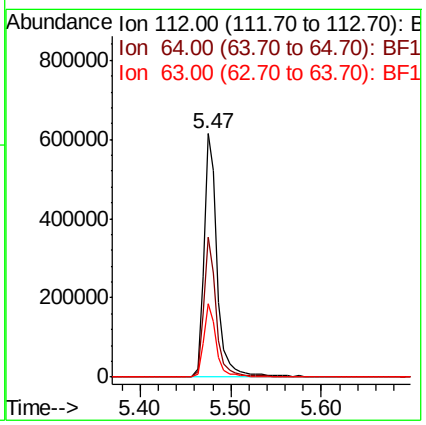


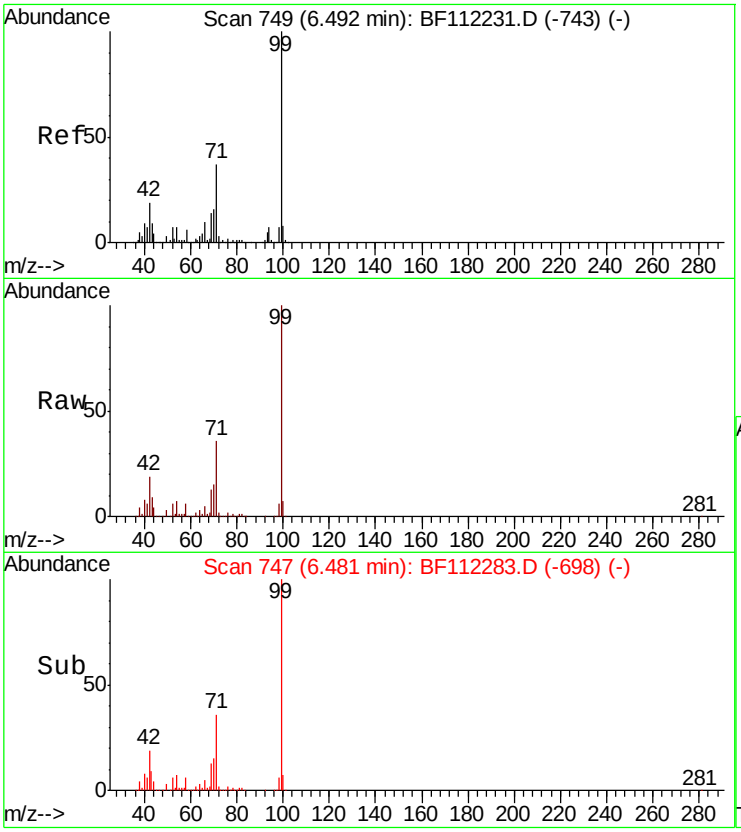


#5
2-Fluorophenol
Concen: 69.176 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Tgt Ion:112 Resp: 639195

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.7	68.5
63	30.2	23.6	35.4



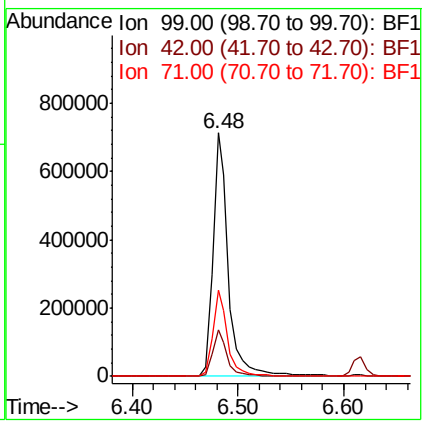


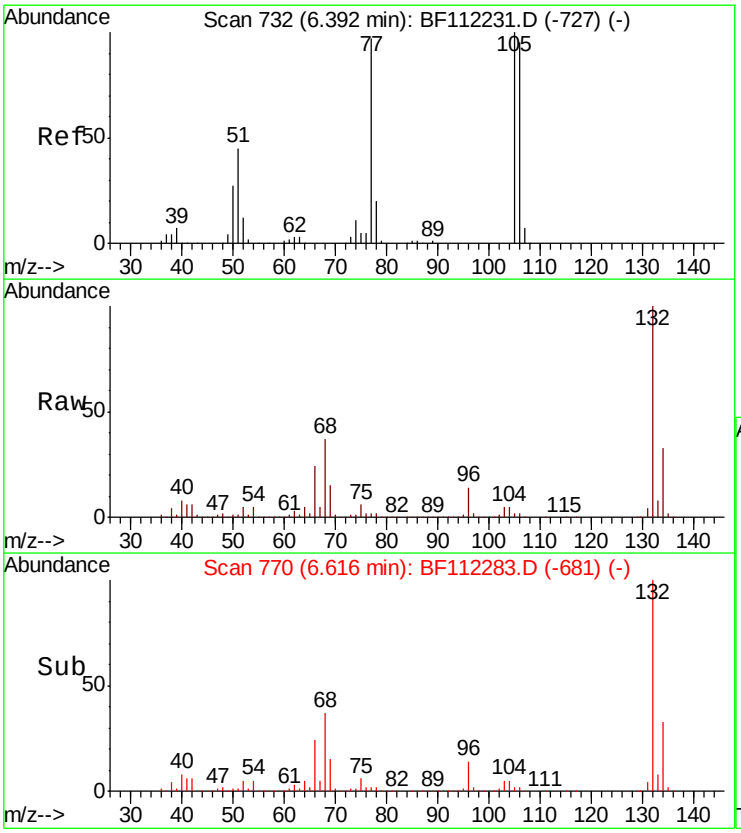
#7
Phenol-d6
Concen: 57.192 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tgt Ion: 99 Resp: 734315

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.1	22.7
71	35.5	26.9	40.3

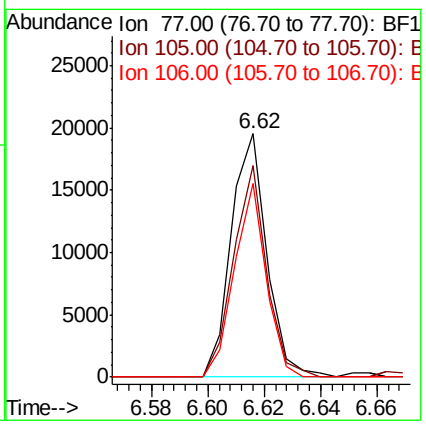


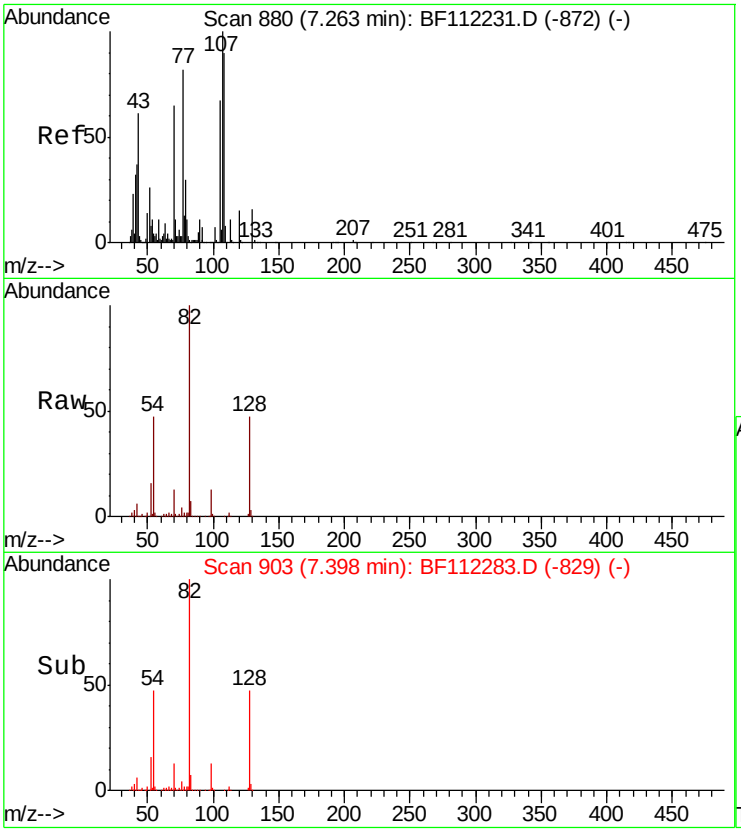


#9
Benzaldehyde
Concen: 2.551 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.22 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Tgt Ion: 77 Resp: 17119

Ion	Ratio	Lower	Upper
77	100		
105	86.9	80.8	120.8
106	79.8	75.7	115.7



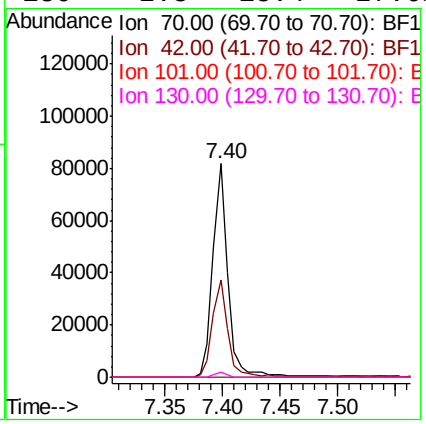


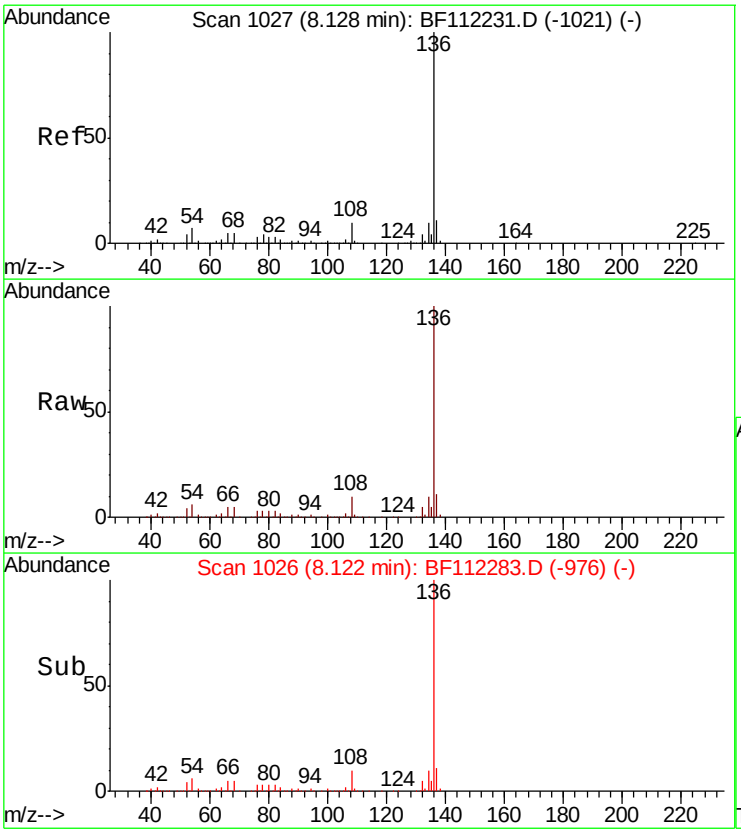
#19
n-Nitroso-di-n-propylamine
Concen: 8.418 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tgt Ion: 70 Resp: 74528

Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.6	71.4#
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#

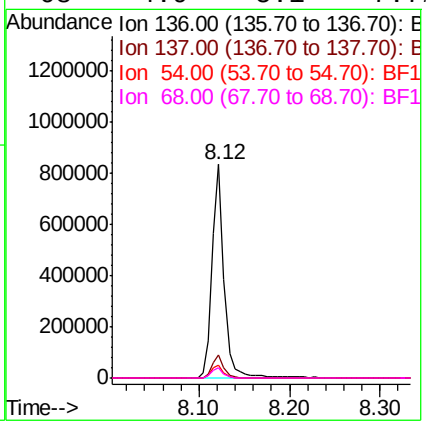


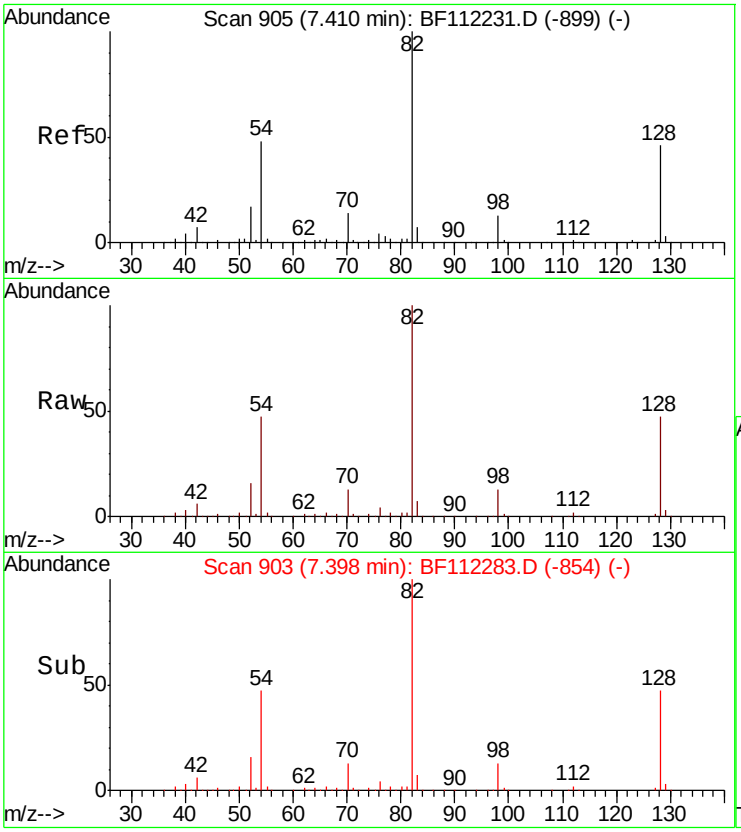


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Tgt Ion:136 Resp: 776059

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.0	5.9	8.9
68	4.9	5.1	7.7#



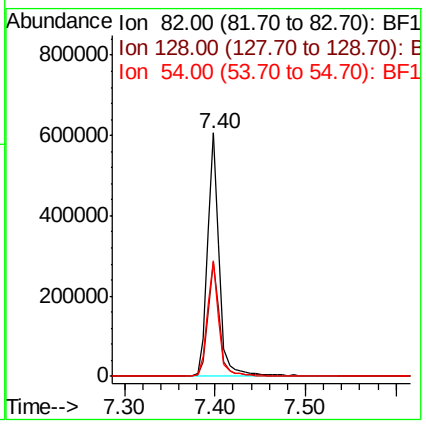


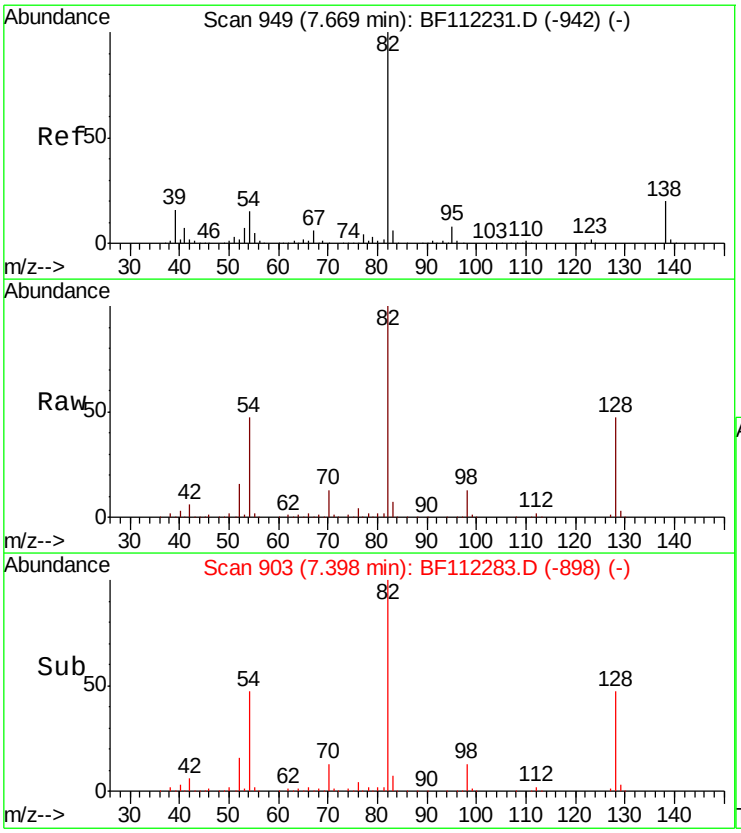
#23
Nitrobenzene-d5
Concen: 41.638 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tgt Ion: 82 Resp: 560801

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.8	56.8
54	47.4	39.7	59.5

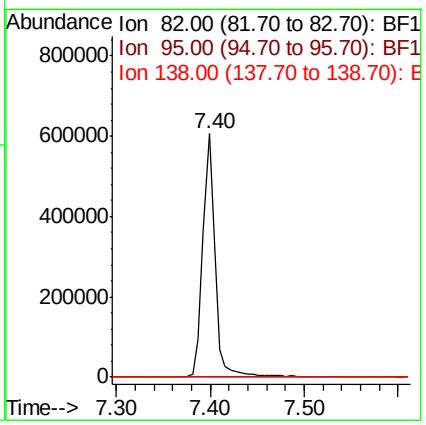


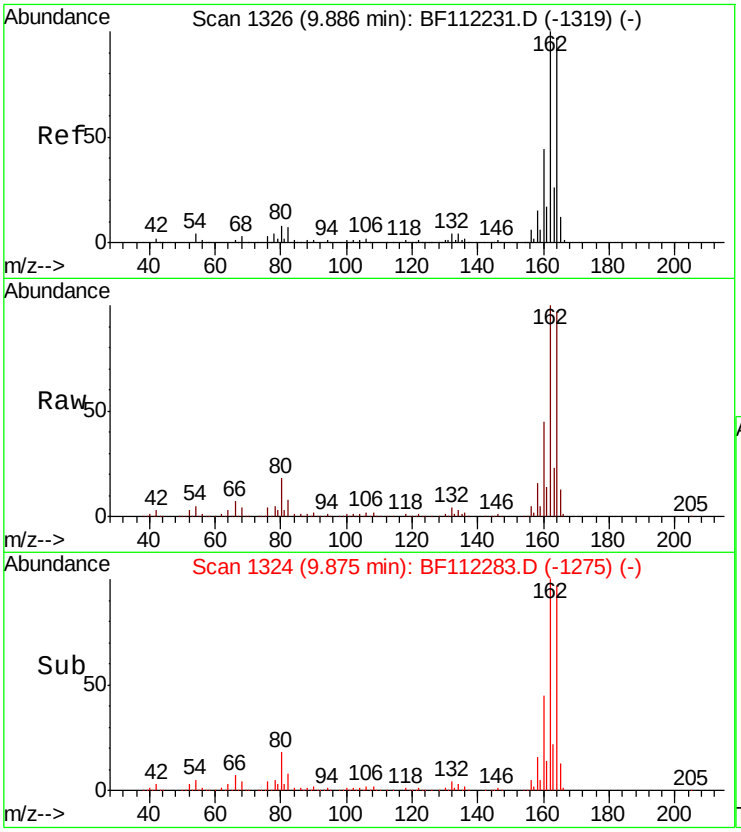


#25
Isophorone
Concen: 26.541 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Tgt Ion: 82 Resp: 560797

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#



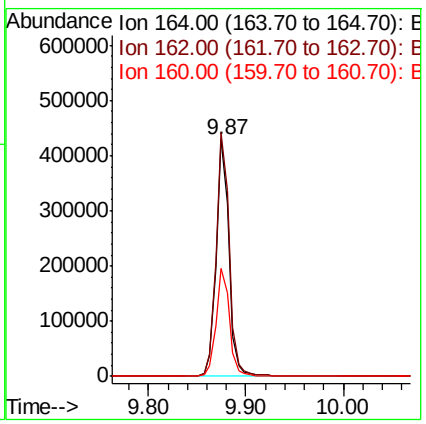


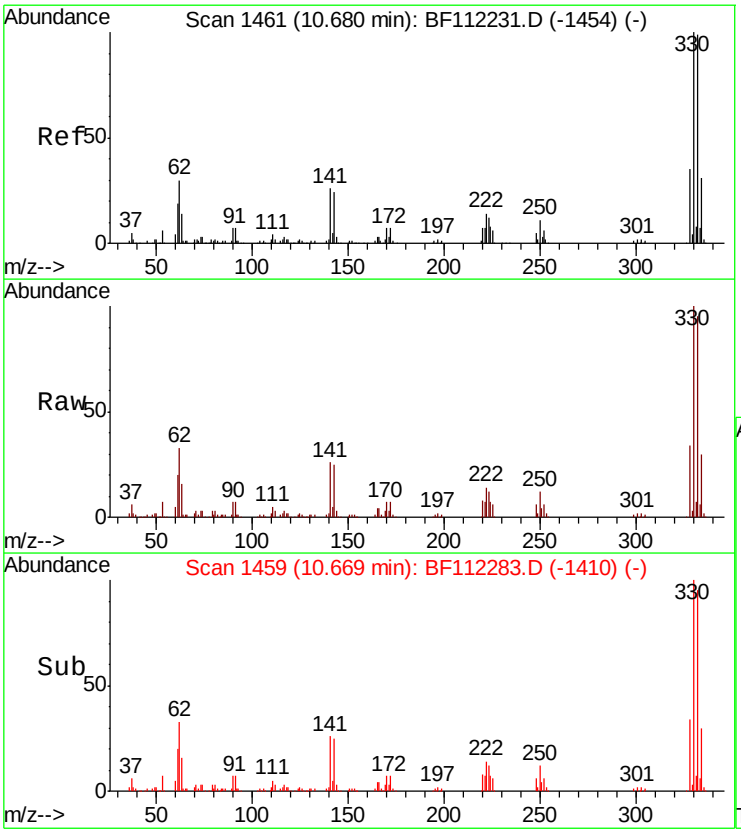
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tgt Ion:164 Resp: 390281

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.4
160	45.8	36.2	54.4

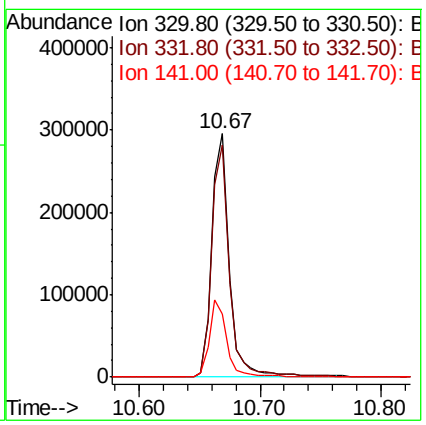


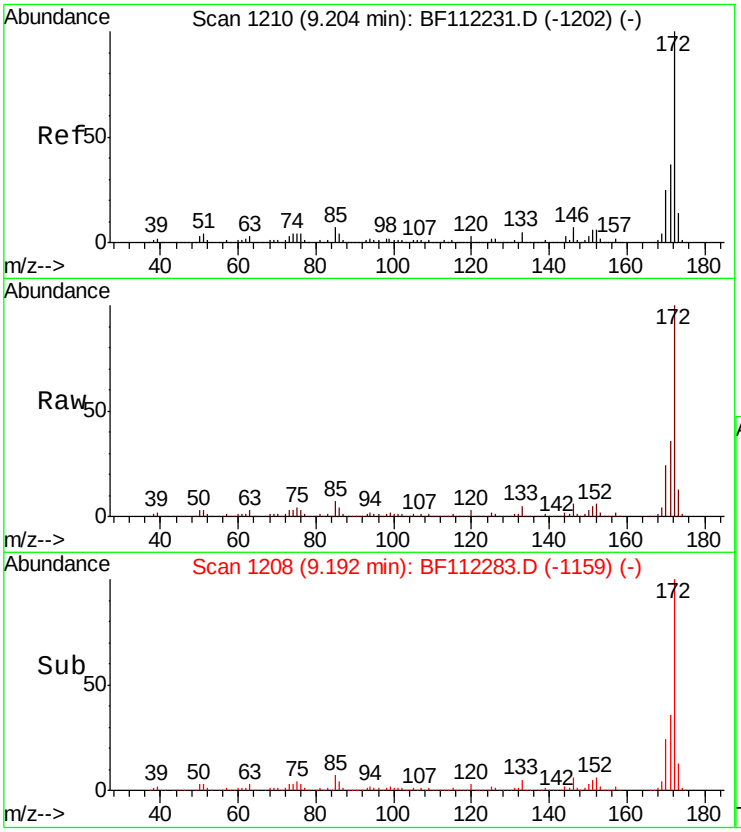


#42
2,4,6-Tribromophenol
Concen: 64.509 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Tgt Ion:330 Resp: 293048

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	32.0	24.3	36.5



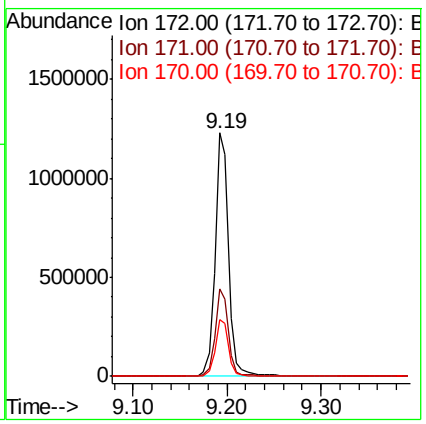


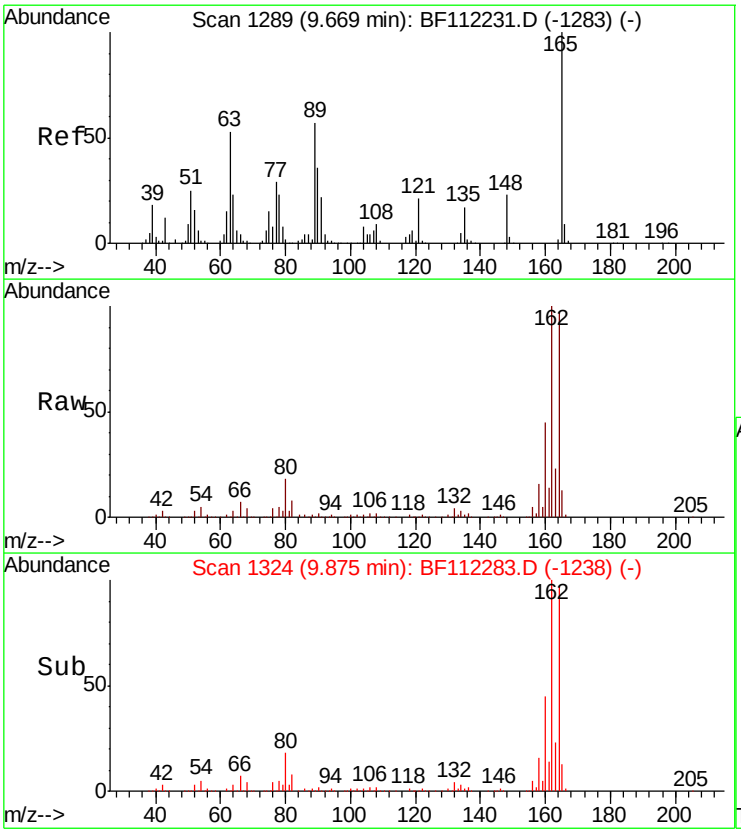
#45
2-Fluorobiphenyl
Concen: 44.857 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tgt Ion:172 Resp: 1237819

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	23.5	20.2	30.4

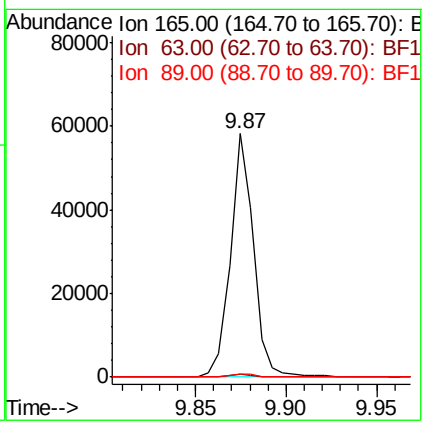


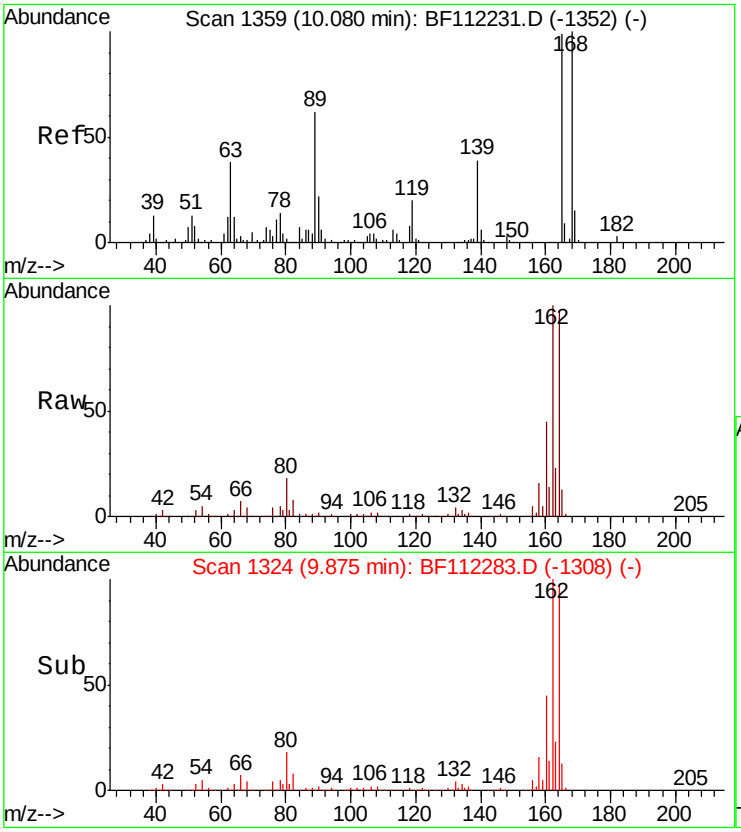


#51
2,6-Dinitrotoluene
Concen: 7.586 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Tgt Ion:165 Resp: 51519

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.8	50.8#
89	1.3	36.9	55.3#



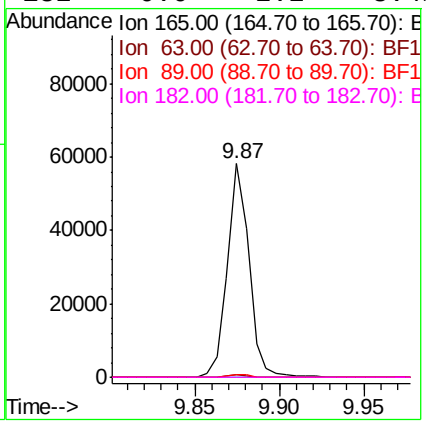


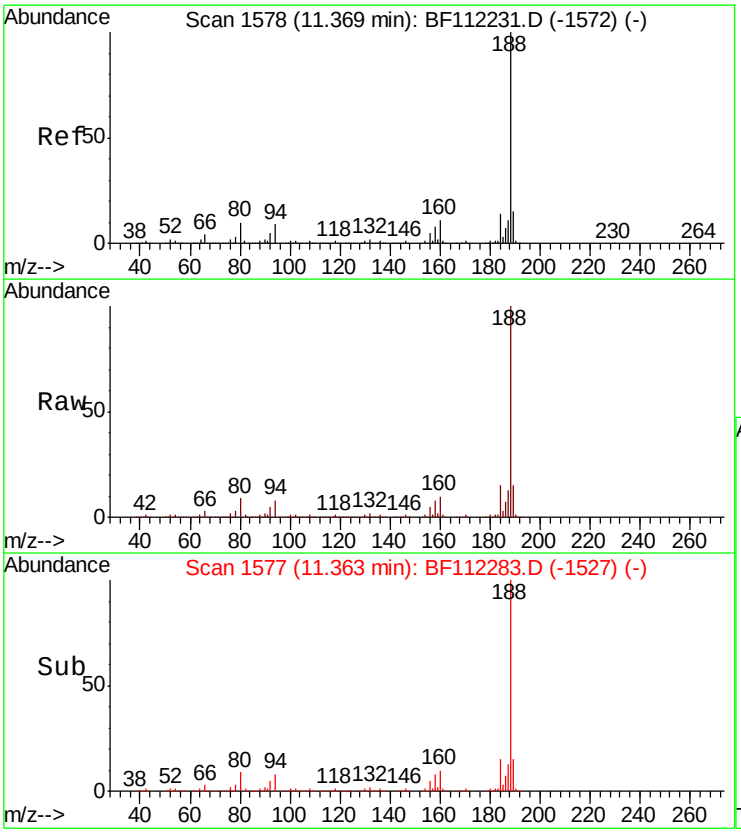
#57
2,4-Dinitrotoluene
Concen: 5.959 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tgt Ion:165 Resp: 51520

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	1.3	47.9	71.9#
182	0.0	2.2	3.4#

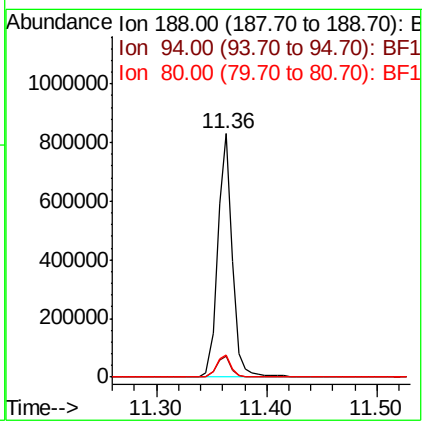


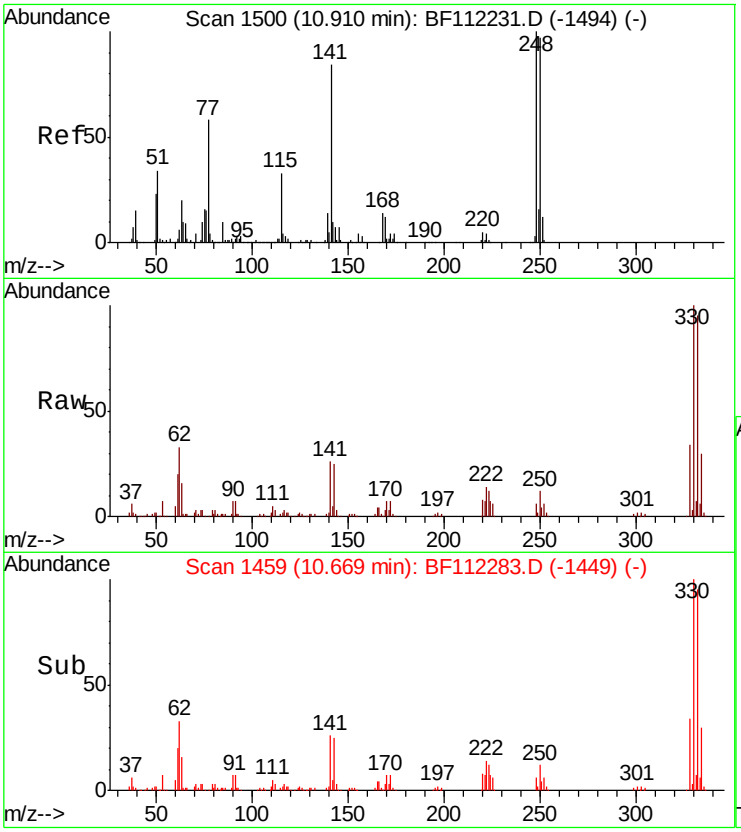


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Tgt Ion:188 Resp: 757528

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.3	8.9	13.3



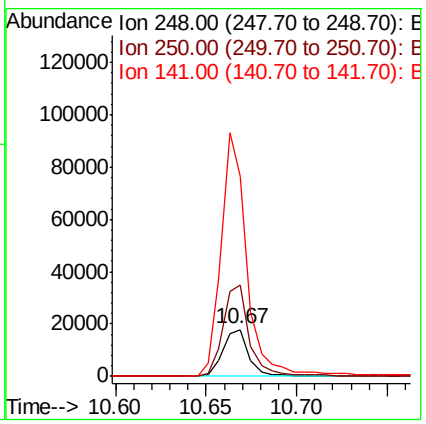


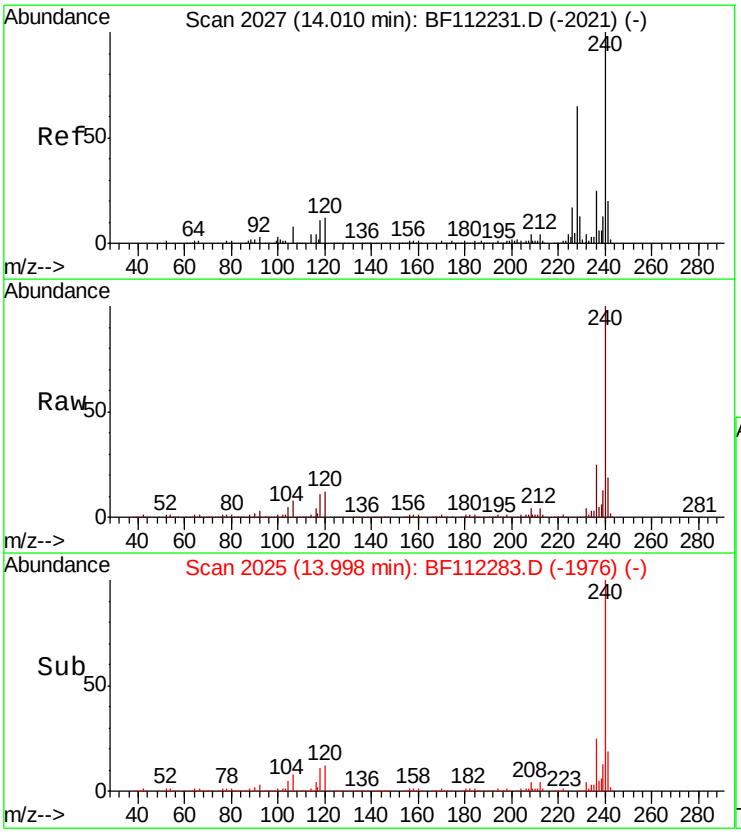
#67
4-Bromophenyl-phenylether
Concen: 2.016 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.24 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tgt Ion:248 Resp: 17965

Ion	Ratio	Lower	Upper
248	100		
250	195.0	79.7	119.5#
141	425.9	60.3	90.5#

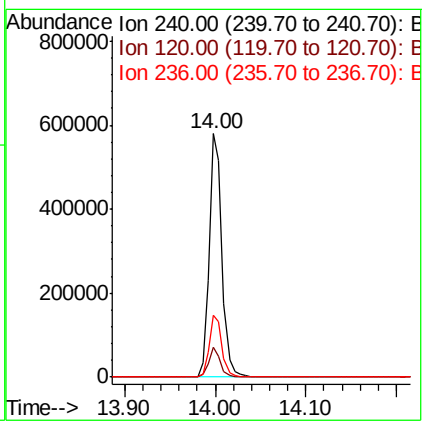


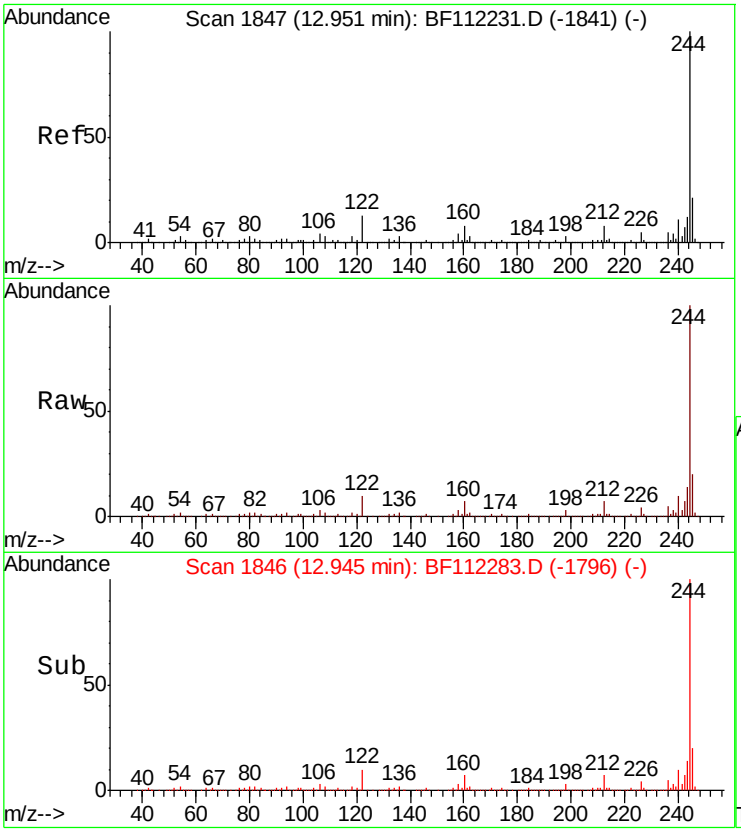


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Tgt Ion:240 Resp: 569250

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.0	13.6
236	25.4	20.7	31.1



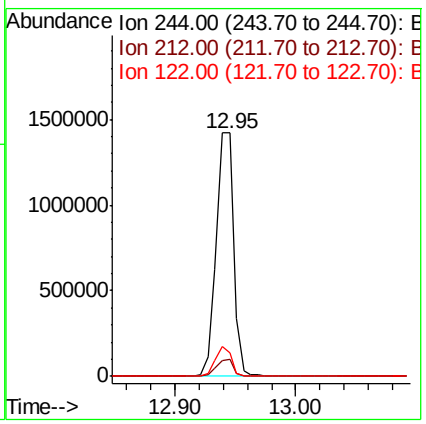


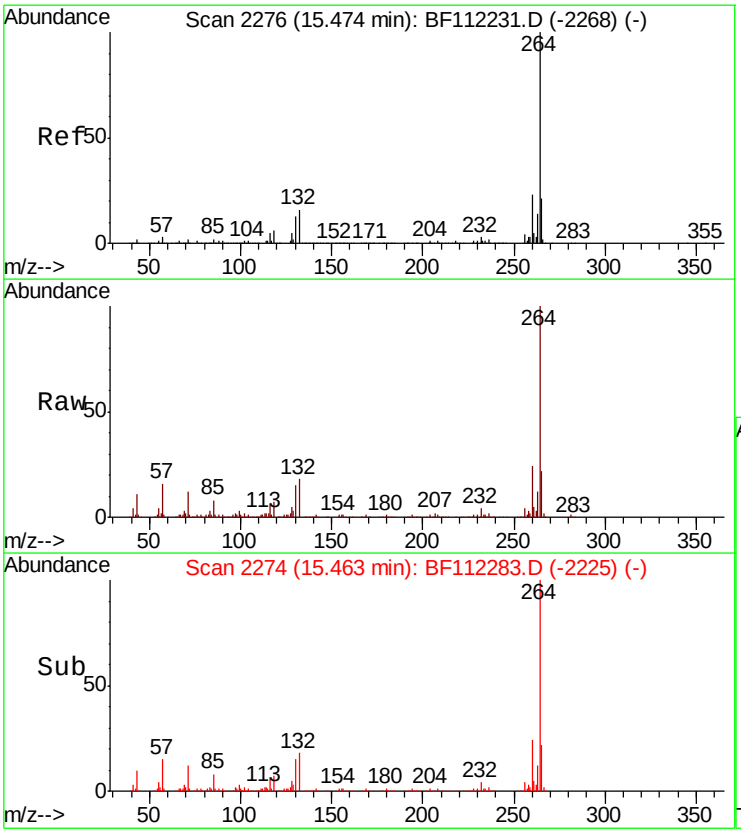
#79
Terphenyl-d14
Concen: 46.569 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tgt Ion:244 Resp: 1407495

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	9.5	9.8	14.6#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Tgt Ion:264 Resp: 438939

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	22.0	17.0	25.4