Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114707.D
Acq On : 31 May 2019 14:45
Operator : HP/JU
Sample : K2986-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FESB-19(6.5-7)

Quant Time: Jun 01 00:22:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	317391	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1196689	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	599261	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	1195942	20.00	ng		0.00
76) Chrysene-d12	13.82	240	974260	20.00	ng		0.00
87) Perylene-d12	15.21	264	896833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1737307	96.10	ng		0.01
7) Phenol-d6	6.33	99	2109274	96.83	ng		0.00
23) Nitrobenzene-d5	7.25	82	1289282	67.22	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	532687	93.29	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	2223242	66.14	ng		0.00
79) Terphenyl-d14	12.77	244	2495732	48.16	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	39845	Below Cal			82
19) n-Nitroso-di-n-propylamine	7.25	70	172304	11.459	ng	#	76
25) Isophorone	7.25	82	1258969	32.706	ng	#	63
50) Dimethylphthalate	9.44	163	391718	9.381	ng		98
57) 2,4-Dinitrotoluene	9.72	165	77906	6.256	ng	#	23
58) Fluorene	10.50	166	24421	Below Cal		#	91
67) 4-Bromophenyl-phenylether	10.50	248	33711	2.629	ng	#	1
74) Di-n-butylphthalate	11.76	149	7598	Below Cal		#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
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Acq On : 31 May 2019 14:45
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Misc :
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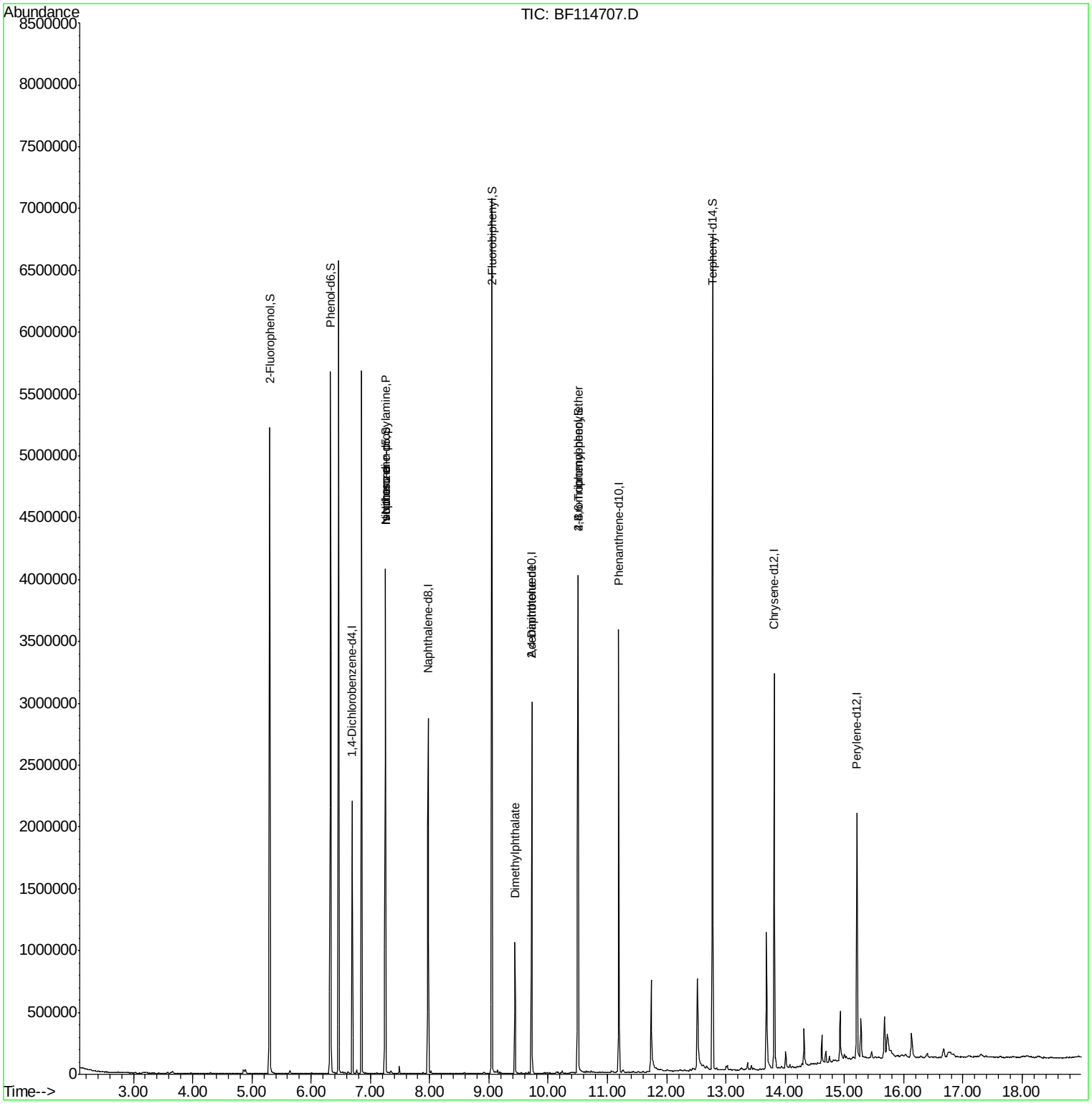
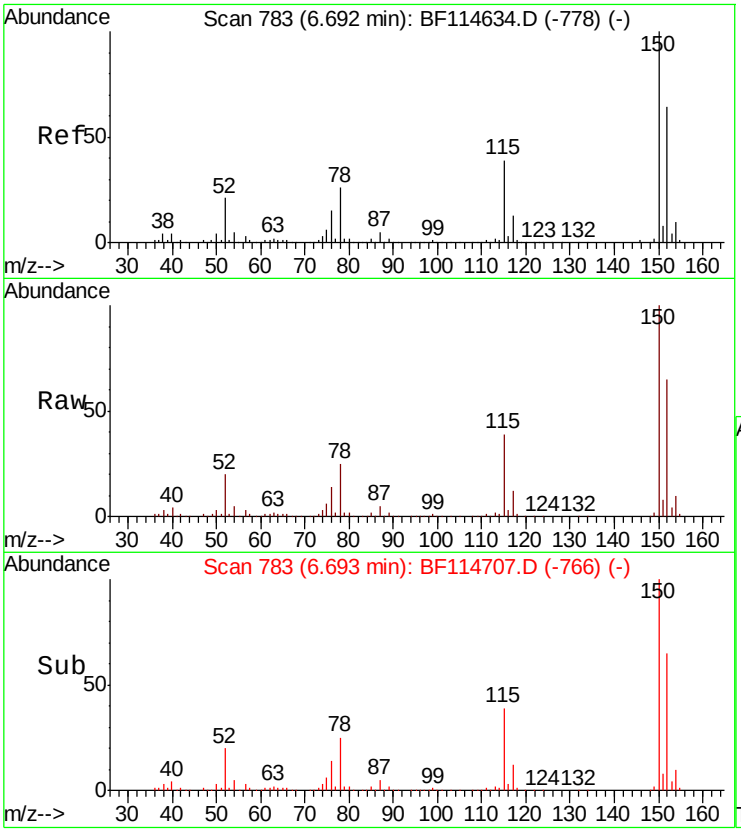
Instrument :
BNA_F
ClientSampleId :
FESB-19(6.5-7)

Quant Time: Jun 01 00:22:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration



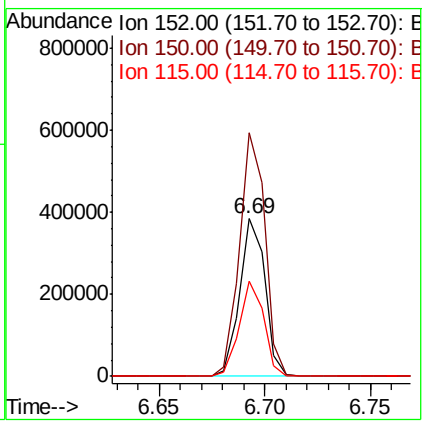


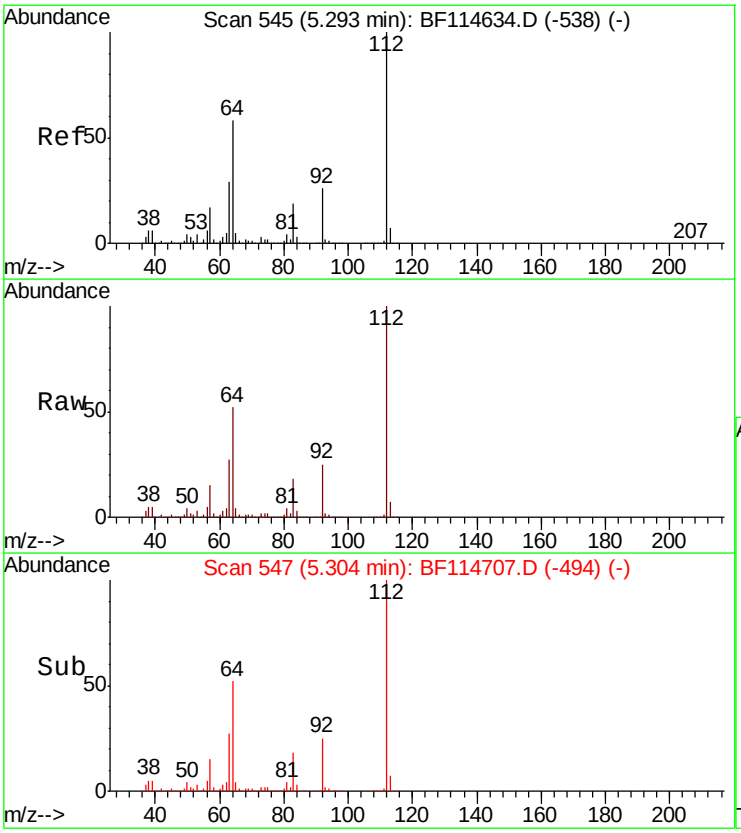
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:152 Resp: 317391

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.4	186.6
115	60.5	48.7	73.1

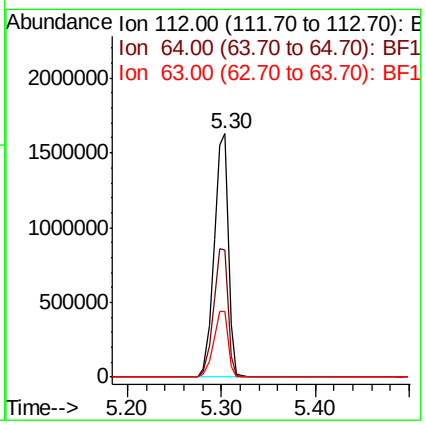


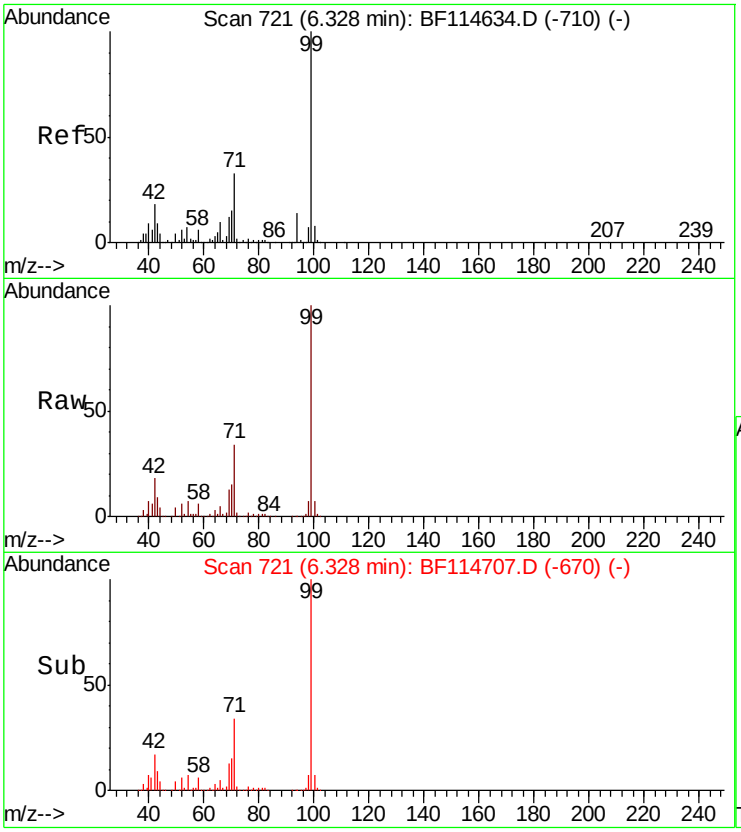


#5
2-Fluorophenol
Concen: 96.102 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Tgt Ion:112 Resp: 1737307

Ion	Ratio	Lower	Upper
112	100		
64	52.2	46.1	69.1
63	26.8	23.4	35.2



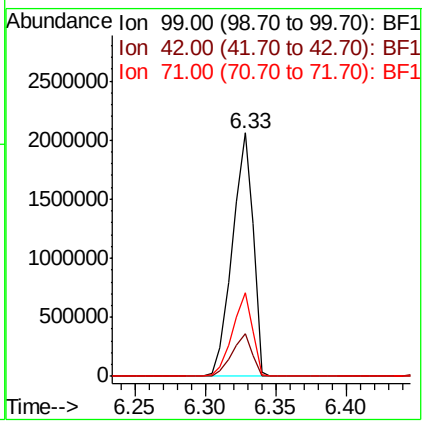


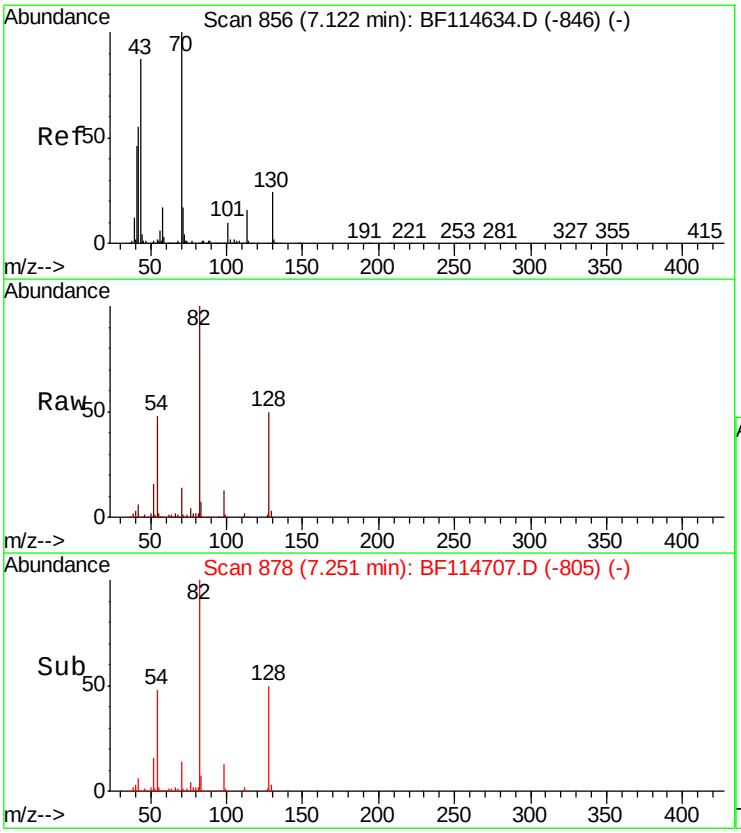
#7
Phenol-d6
Concen: 96.826 ng
RT: 6.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion: 99 Resp: 2109274

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.7	22.1
71	34.3	26.6	40.0

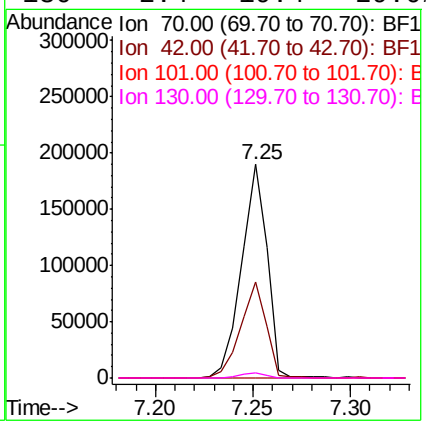


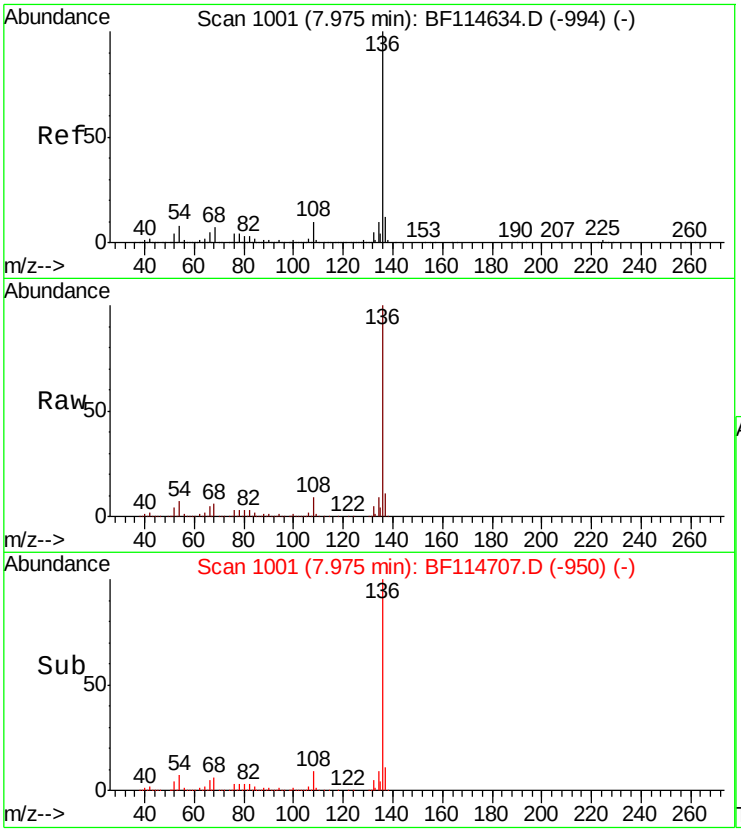


#19
n-Nitroso-di-n-propylamine
Concen: 11.459 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.13 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Tgt Ion: 70 Resp: 172304

Ion	Ratio	Lower	Upper
70	100		
42	45.1	44.4	66.6
101	0.0	8.2	12.4#
130	2.4	19.4	29.0#



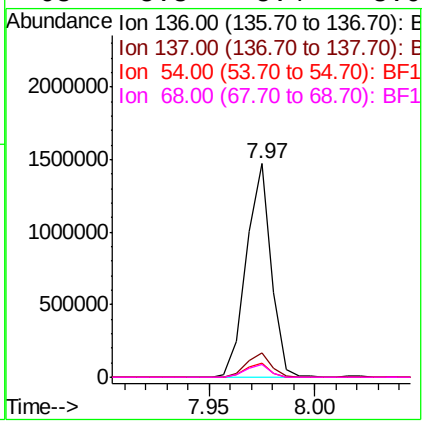


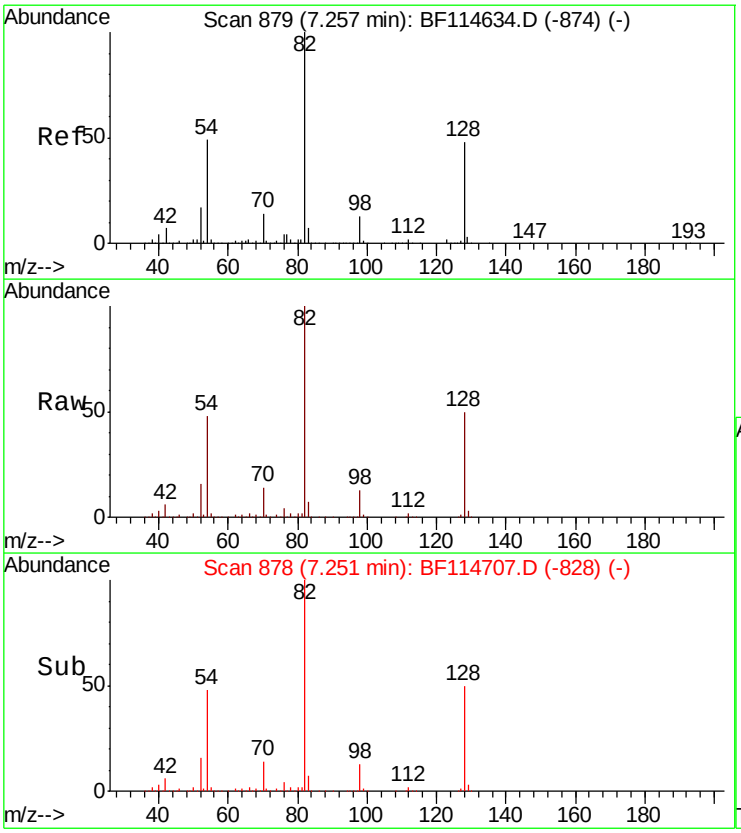
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:136 Resp: 1196689

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.8	6.3	9.5
68	5.8	5.4	8.0

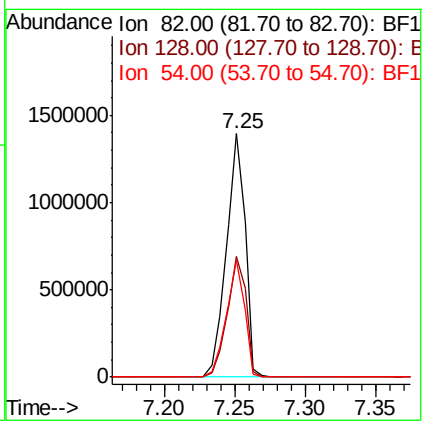


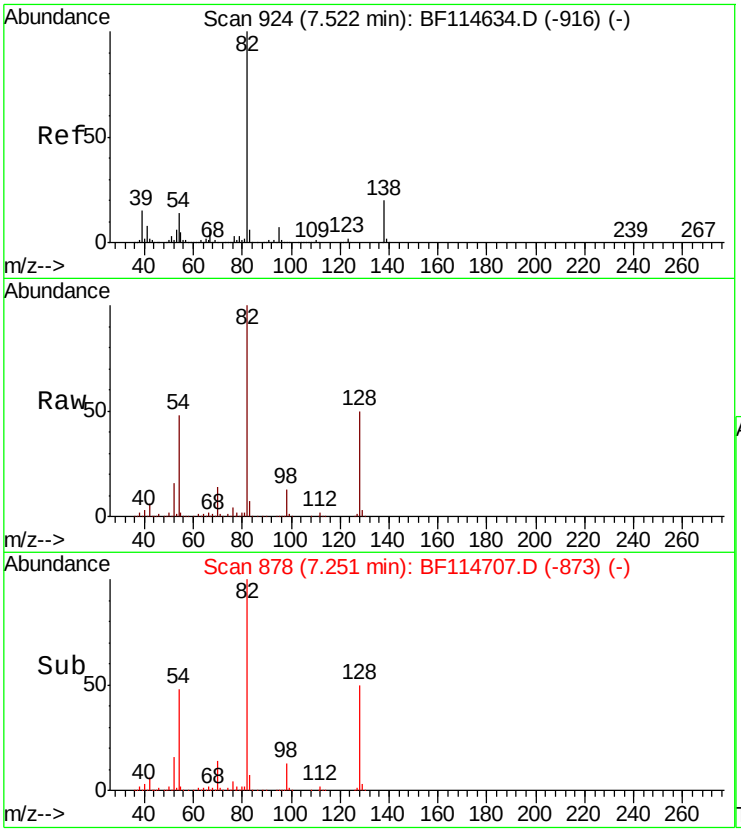


#23
Nitrobenzene-d5
Concen: 67.216 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Tgt Ion: 82 Resp: 1289282

Ion	Ratio	Lower	Upper
82	100		
128	49.7	38.5	57.7
54	47.8	39.1	58.7



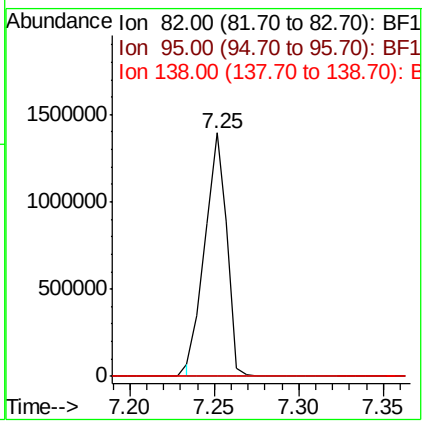


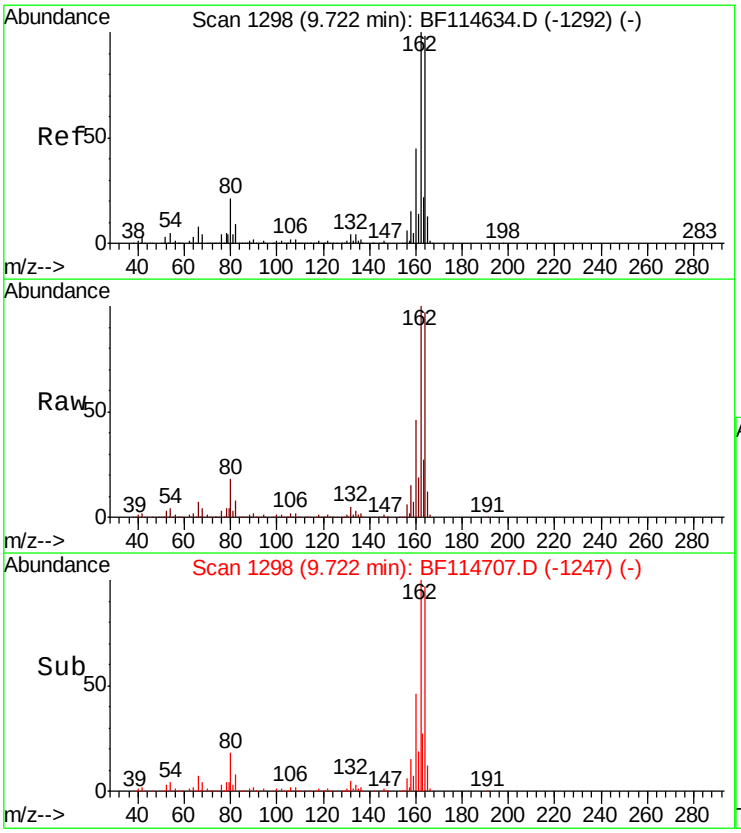
#25
Isophorone
Concen: 32.706 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.27 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion: 82 Resp: 1258969

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.9	23.9#

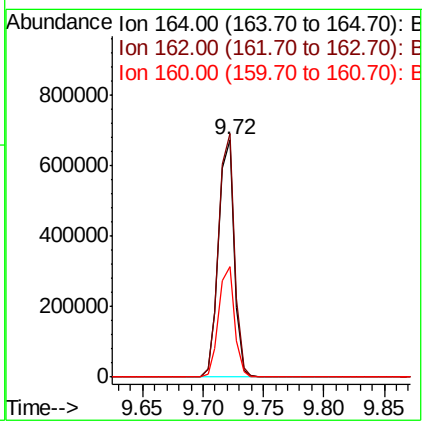


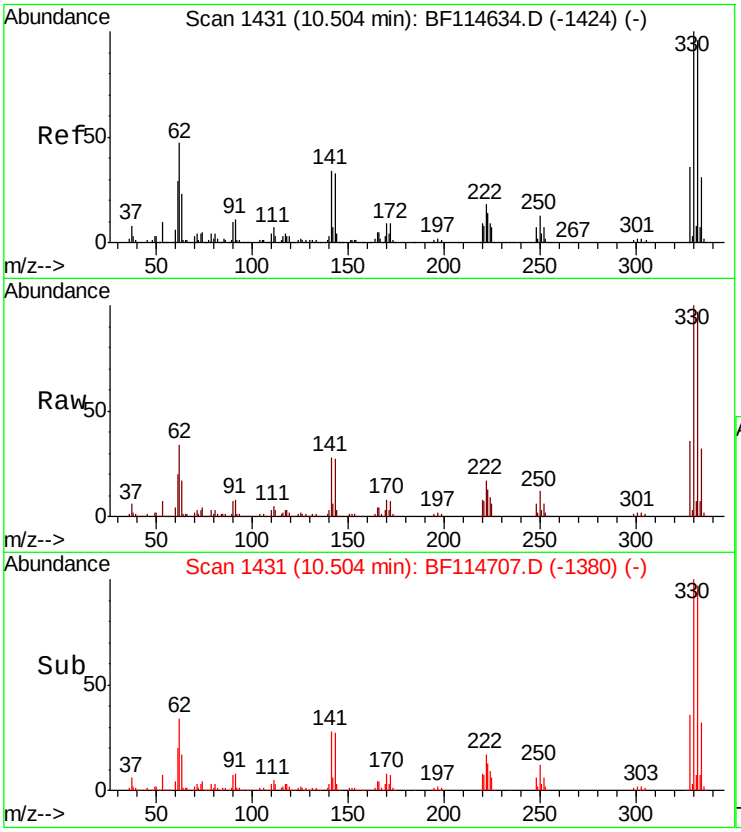


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Tgt Ion:164 Resp: 599261

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.4	122.2
160	46.8	36.6	54.8



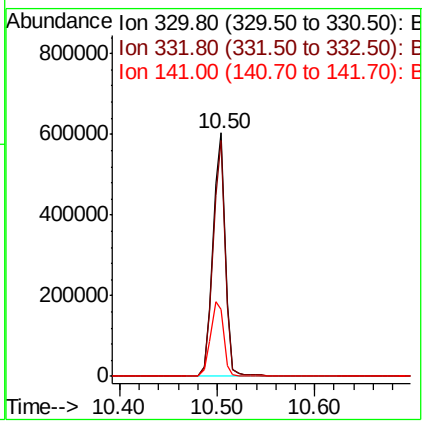


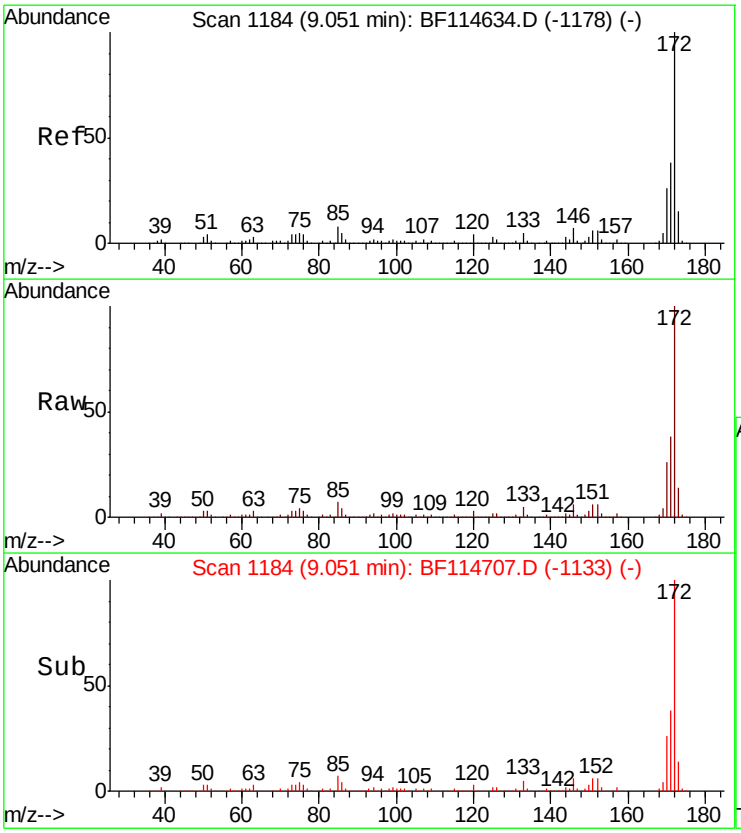
#42
2,4,6-Tribromophenol
Concen: 93.290 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:330 Resp: 532687

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.8	113.8
141	33.0	27.8	41.8

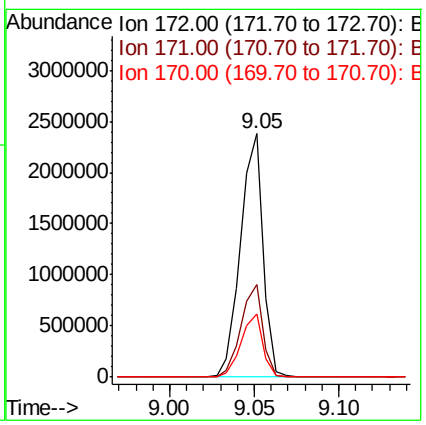


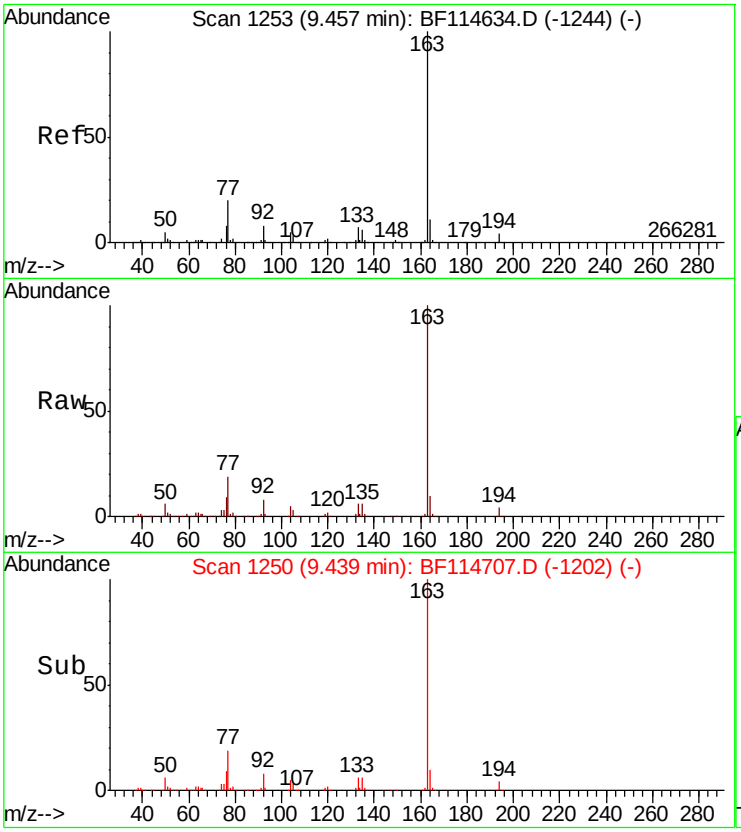


#45
2-Fluorobiphenyl
Concen: 66.141 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Tgt Ion:172 Resp: 2223242

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.6	45.8
170	26.0	20.7	31.1



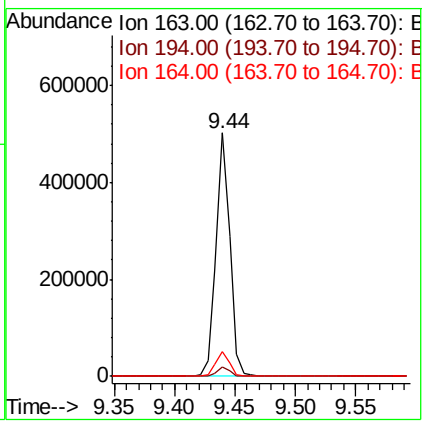


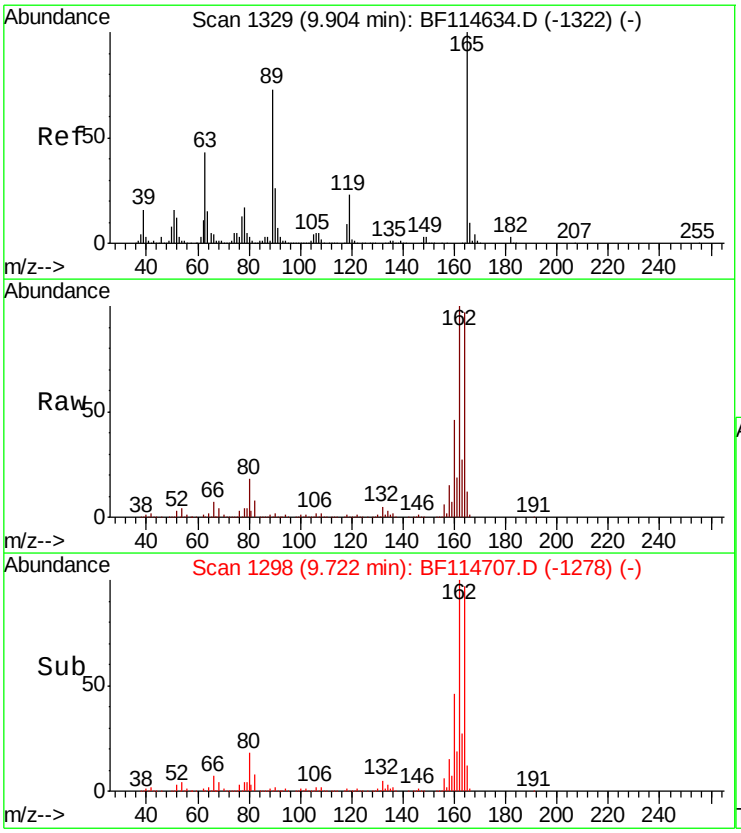
#50
Dimethylphthalate
Concen: 9.381 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:163 Resp: 391718

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.0	8.6	13.0

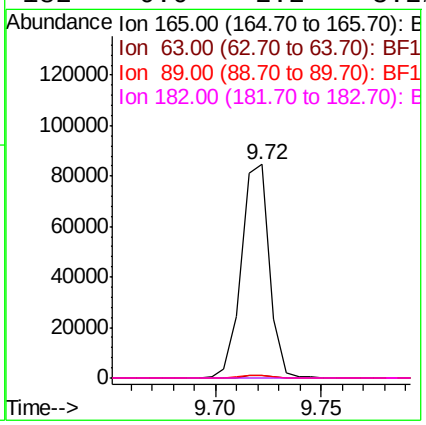


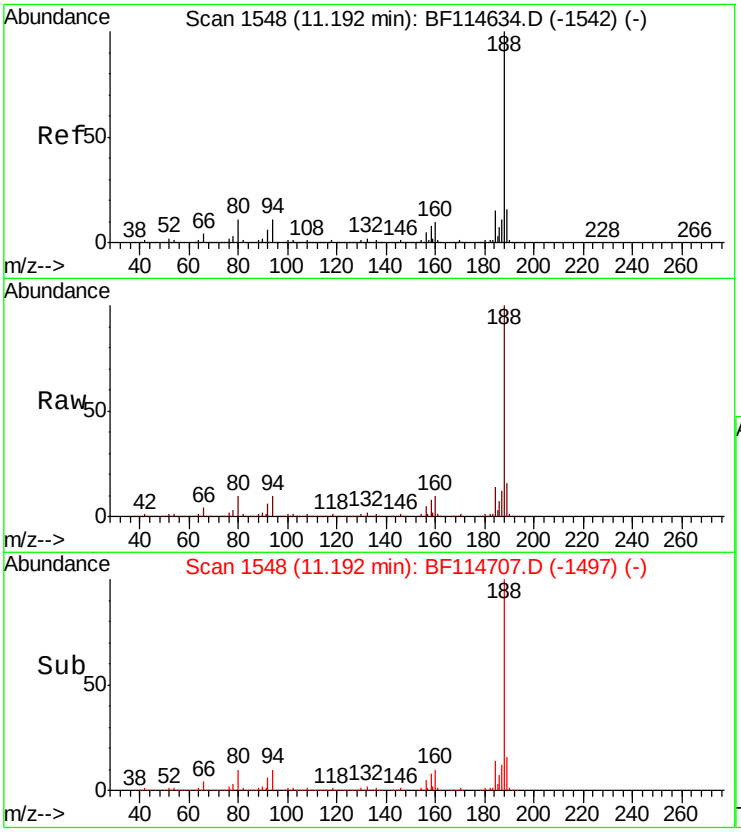


#57
2,4-Dinitrotoluene
Concen: 6.256 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Tgt Ion:165 Resp: 77906

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.8	52.2#
89	1.2	58.5	87.7#
182	0.0	2.2	3.2#



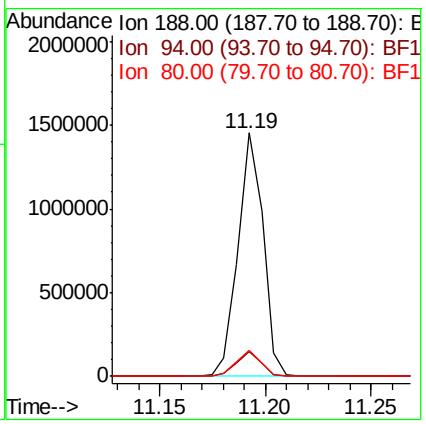


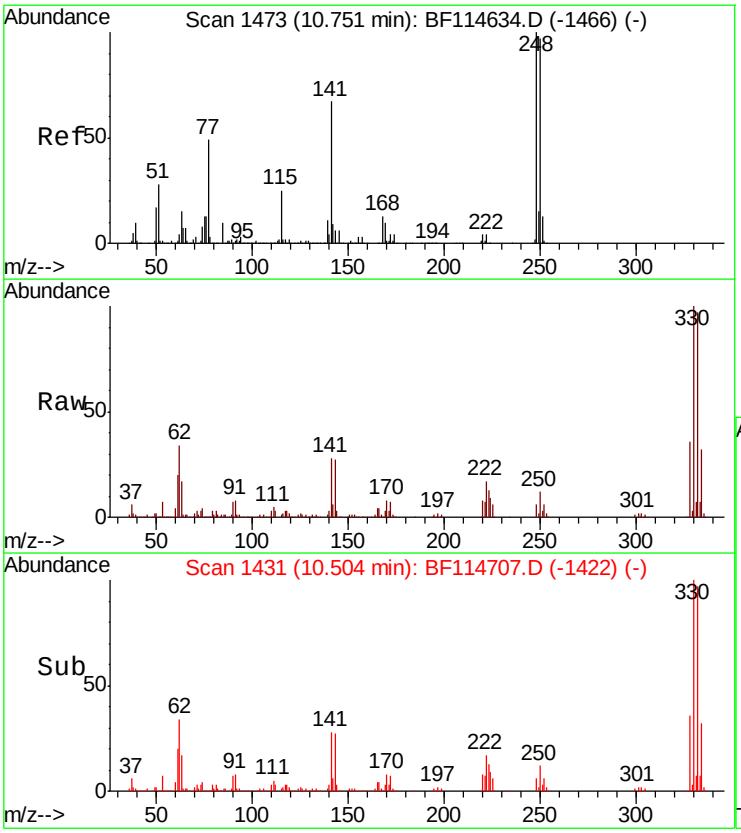
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:188 Resp: 1195942

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.6	13.0
80	10.5	9.0	13.6

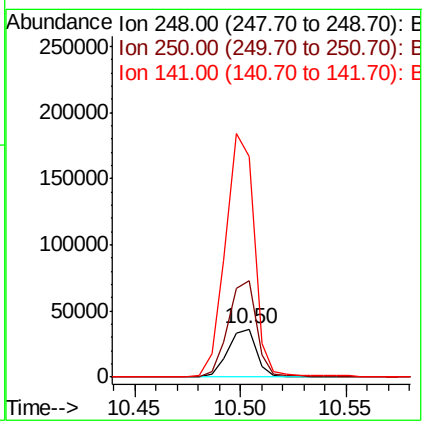


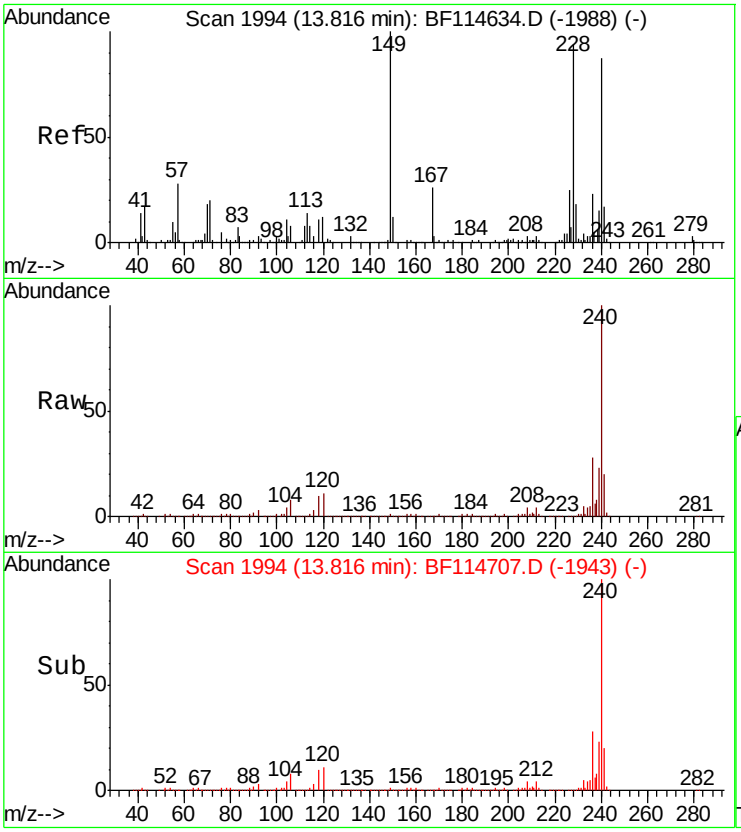


#67
4-Bromophenyl-phenylether
Concen: 2.629 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Tgt Ion:248 Resp: 33711

Ion	Ratio	Lower	Upper
248	100		
250	199.6	78.0	117.0#
141	460.3	53.8	80.8#



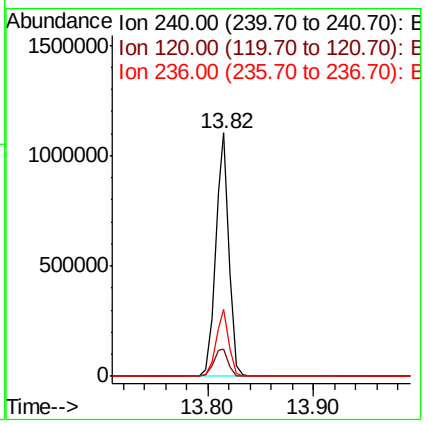


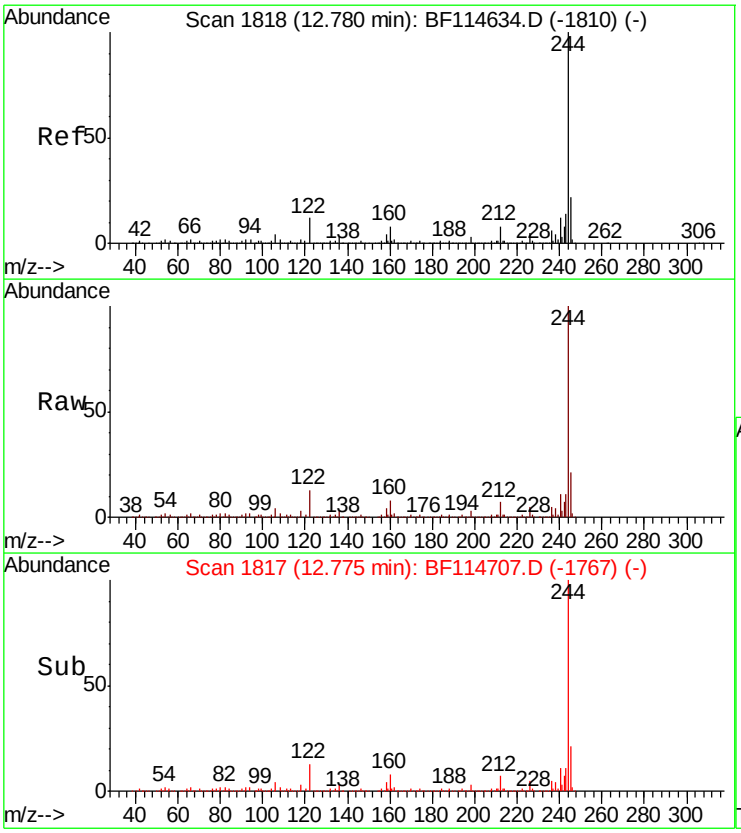
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:240 Resp: 974260

Ion	Ratio	Lower	Upper
240	100		
120	11.4	11.2	16.8
236	27.7	21.2	31.8

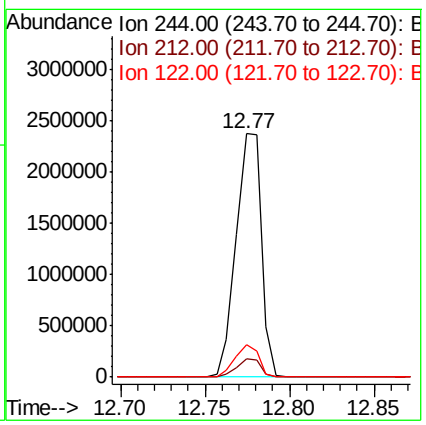


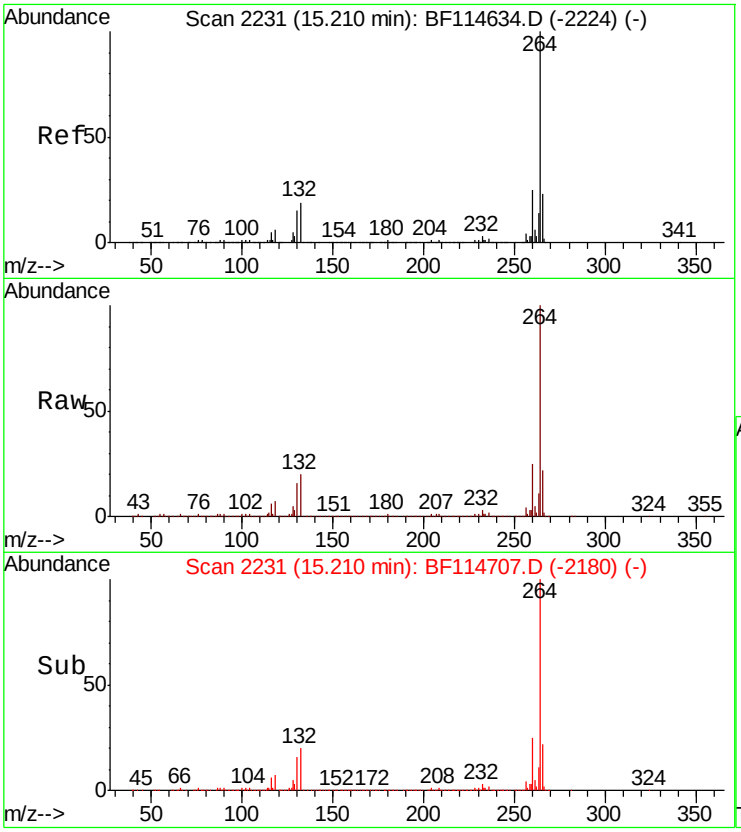


#79
Terphenyl-d14
Concen: 48.163 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Tgt Ion:244 Resp: 2495732

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	13.2	9.8	14.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF114707.D
Acq: 31 May 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:264 Resp: 896833

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.7	18.1	27.1