Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114722.D
Acq On : 31 May 2019 22:21
Operator : HP/JU
Sample : K3037-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-20190523

Quant Time: Jun 01 00:27:51 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	417597	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1576813	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	784450	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1429404	20.00	ng	0.00
76) Chrysene-d12	13.81	240	959097	20.00	ng	0.00
87) Perylene-d12	15.20	264	836891	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1434193	60.30	ng	0.01
7) Phenol-d6	6.32	99	1132817	39.52	ng	0.00
23) Nitrobenzene-d5	7.26	82	2229560	88.22	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	979566	131.05	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3780243	91.80	ng	0.00
79) Terphenyl-d14	12.78	244	3741903	73.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.32	77	1894	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	307330	15.534	ng	# 75
25) Isophorone	7.26	82	2152591	42.439	ng	# 63
50) Dimethylphthalate	9.72	163	222785	4.076	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	100679	7.927	ng	# 31
57) 2,4-Dinitrotoluene	9.72	165	100679	6.176	ng	# 23
58) Fluorene	10.50	166	41712	Below Cal	#	85
67) 4-Bromophenyl-phenylether	10.50	248	63518	4.144	ng	# 1
74) Di-n-butylphthalate	11.76	149	16944	Below Cal		97

(#) = 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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ClientSampleId :
FB-20190523

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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
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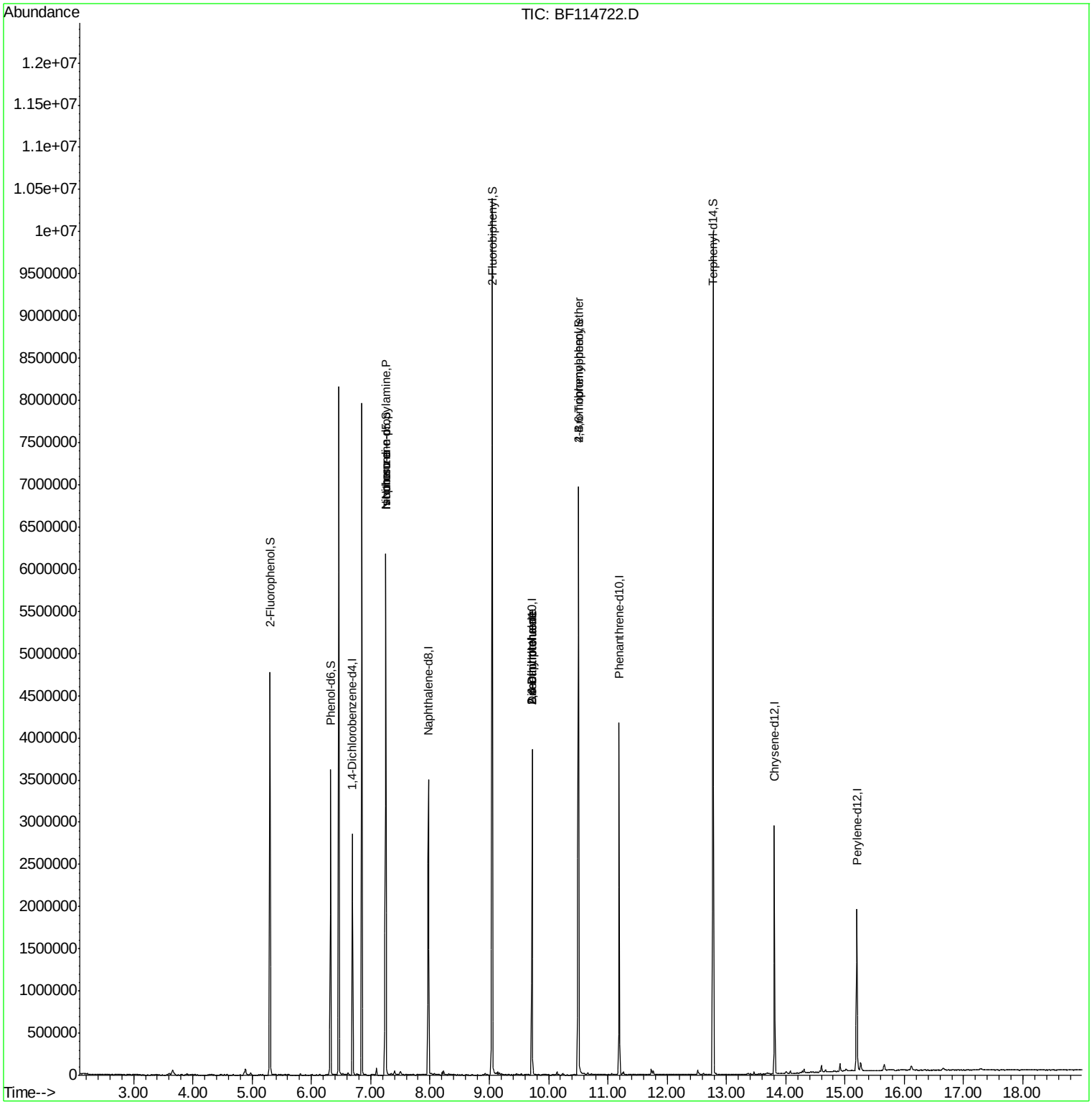
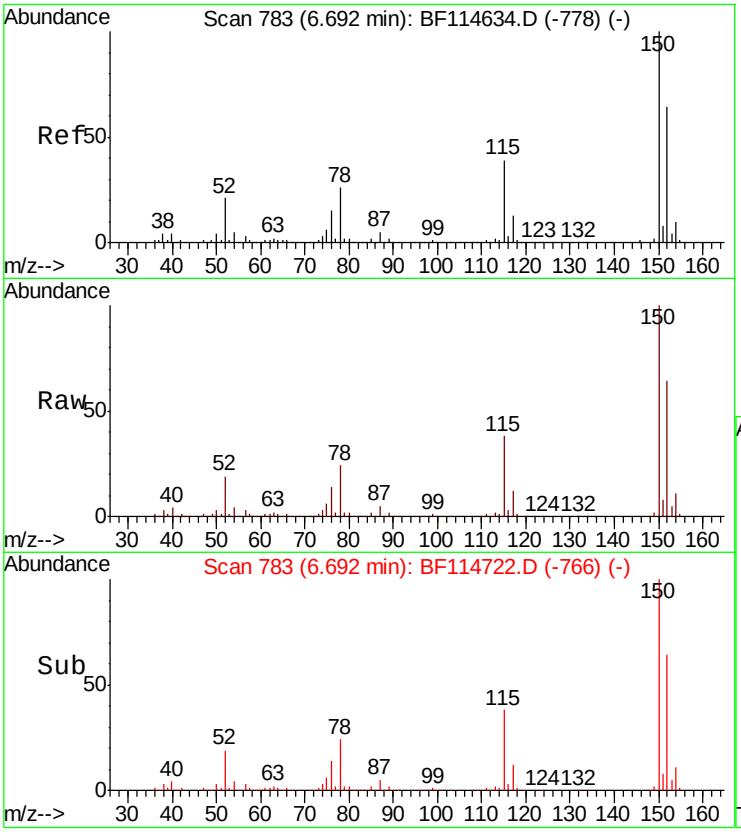


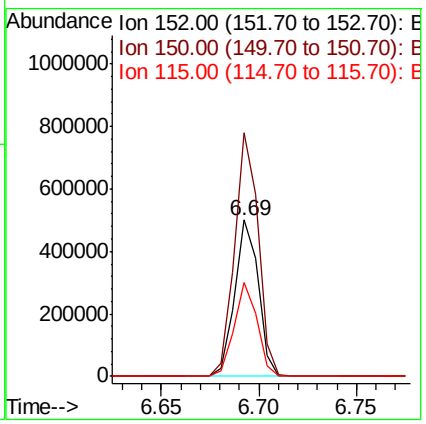


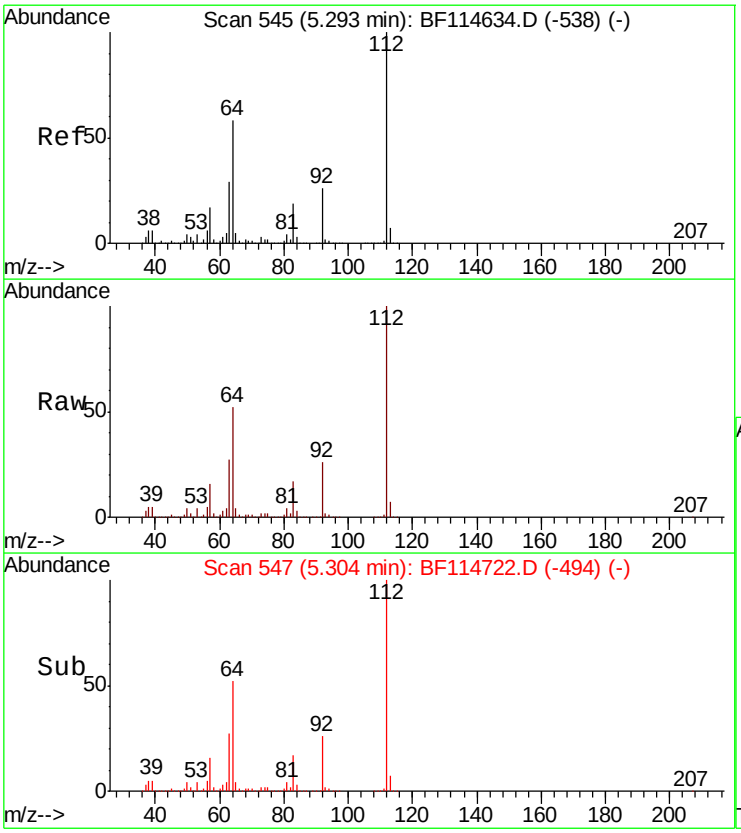
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Tgt Ion:152 Resp: 417597

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.4	186.6
115	59.9	48.7	73.1

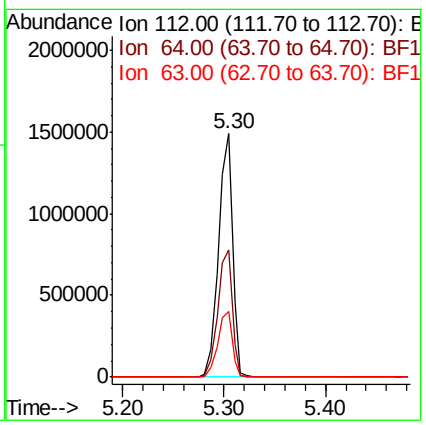


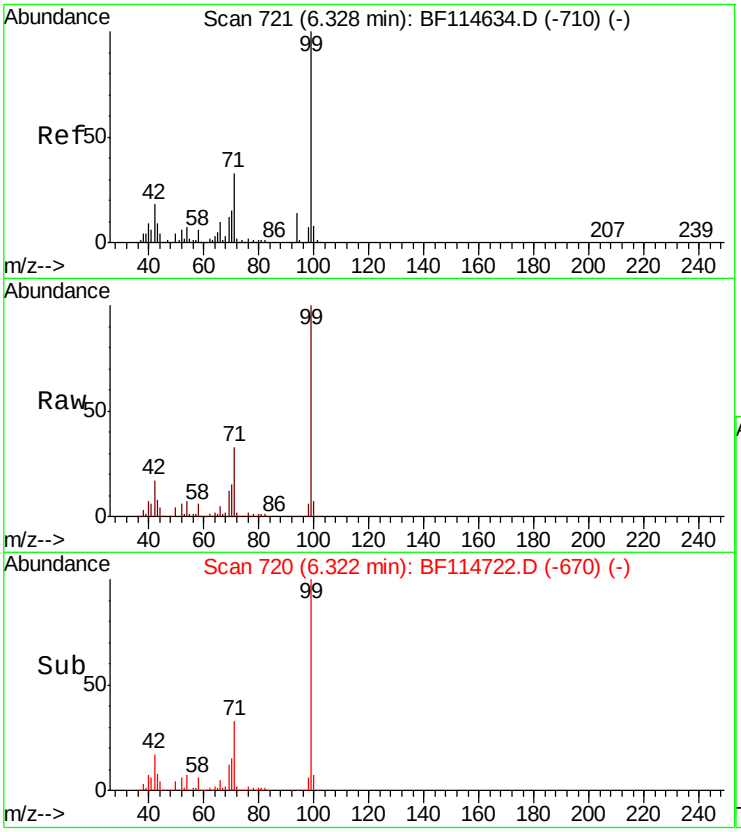


#5
2-Fluorophenol
Concen: 60.298 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion:112 Resp: 1434193

Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.1	69.1
63	26.8	23.4	35.2



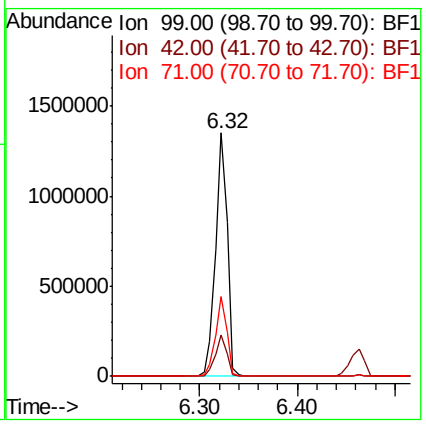


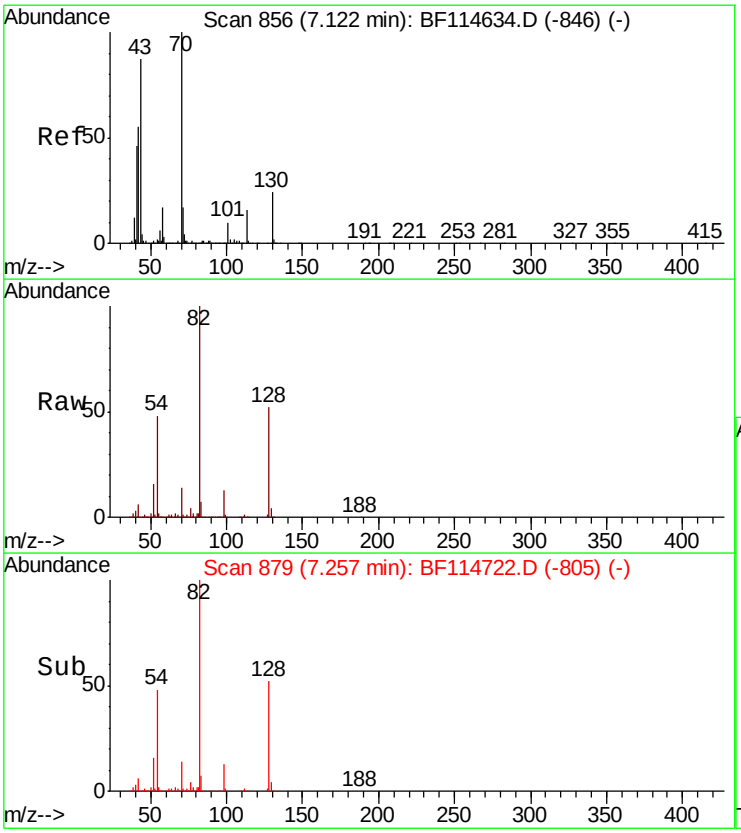
#7
Phenol-d6
Concen: 39.523 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Tgt Ion: 99 Resp: 1132817

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.7	22.1
71	32.8	26.6	40.0

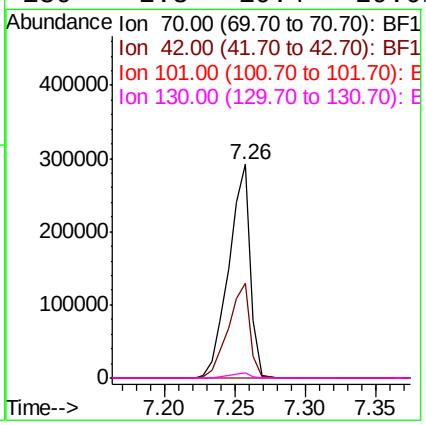


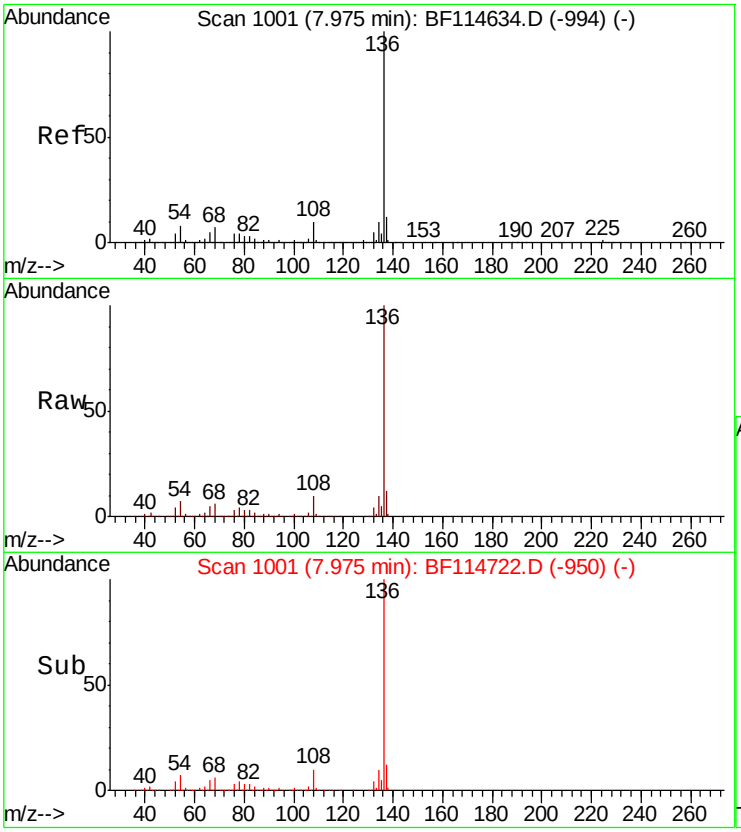


#19
n-Nitroso-di-n-propylamine
Concen: 15.534 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion: 70 Resp: 307330

Ion	Ratio	Lower	Upper
70	100		
42	44.1	44.4	66.6#
101	0.0	8.2	12.4#
130	2.3	19.4	29.0#



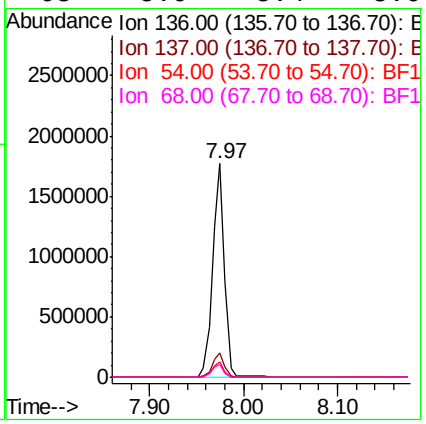


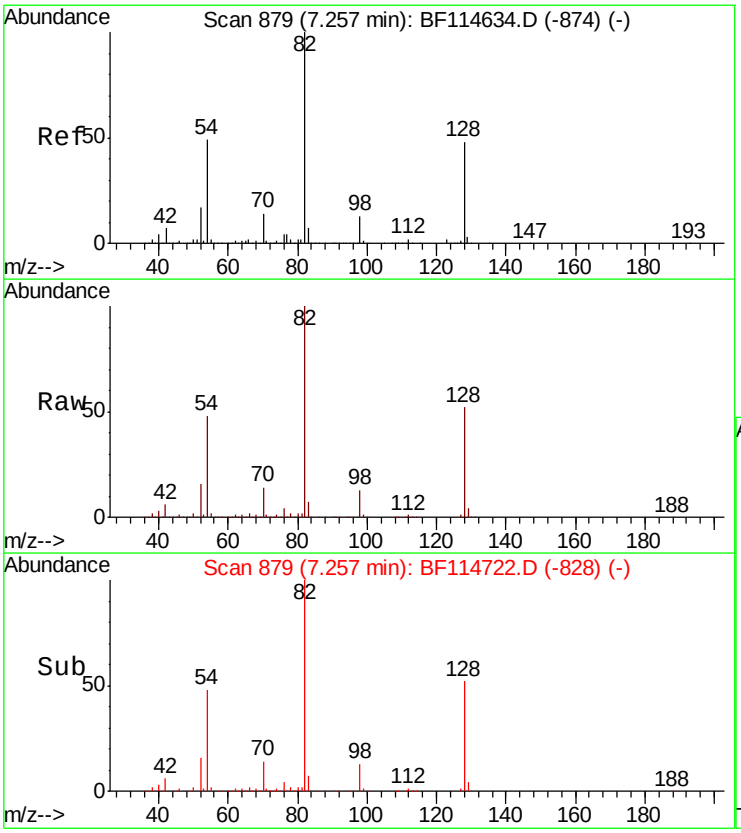
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Tgt Ion:136 Resp: 1576813

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	7.0	6.3	9.5
68	5.9	5.4	8.0

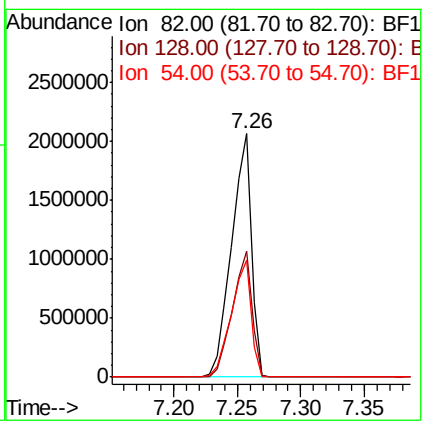


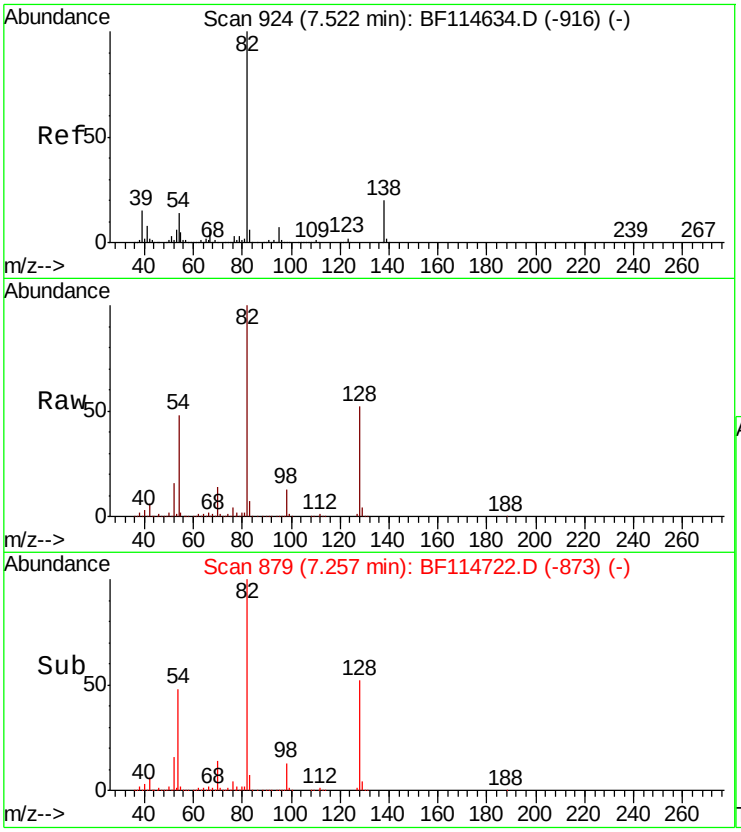


#23
Nitrobenzene-d5
Concen: 88.216 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion: 82 Resp: 2229560

Ion	Ratio	Lower	Upper
82	100		
128	51.8	38.5	57.7
54	48.3	39.1	58.7



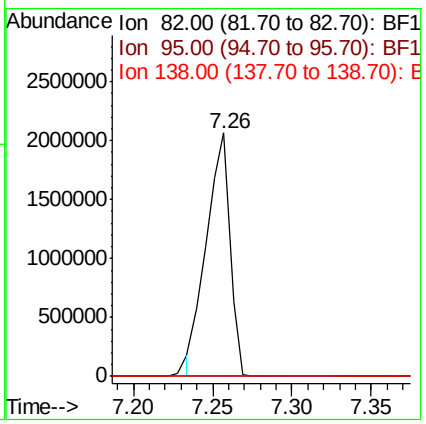


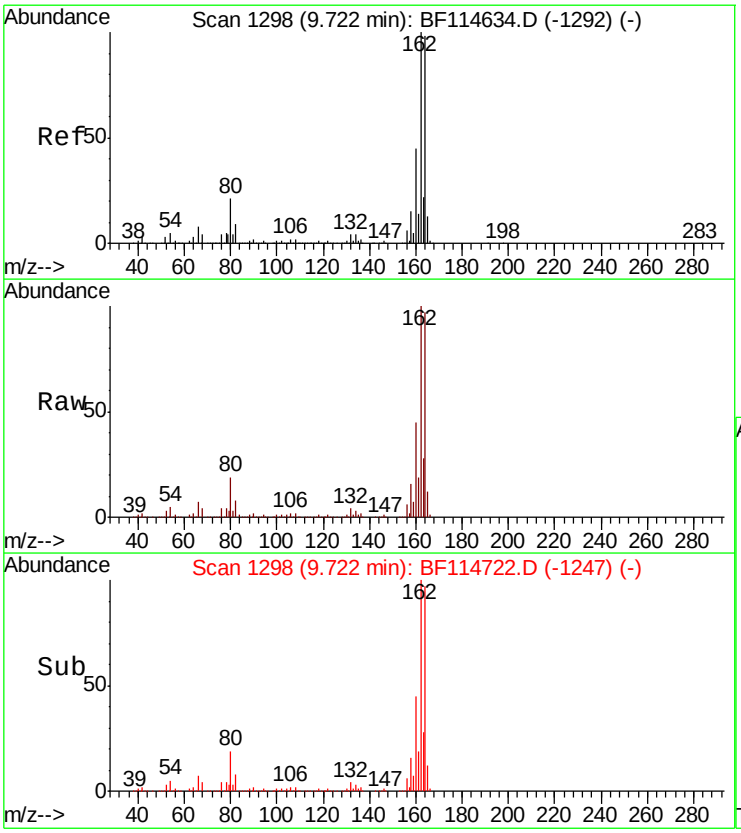
#25
Isophorone
Concen: 42.439 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Tgt Ion: 82 Resp: 2152591

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

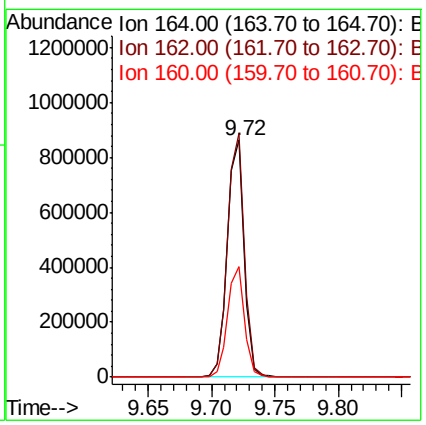


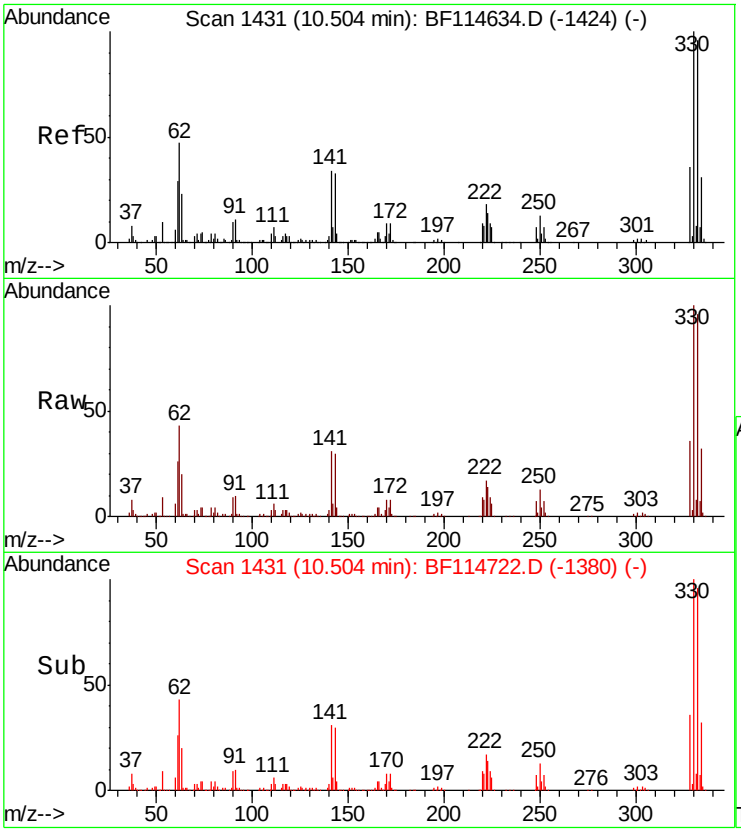


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion:164 Resp: 784450

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.2
160	46.7	36.6	54.8



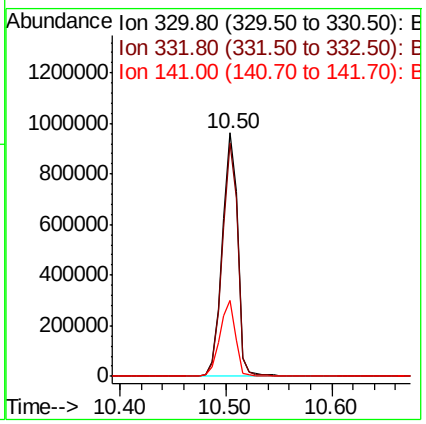


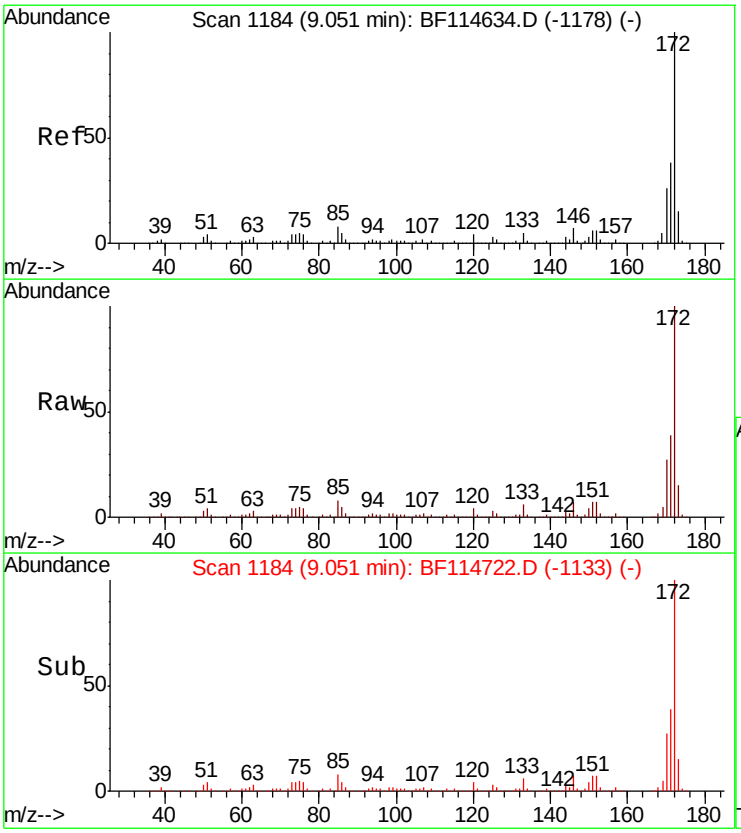
#42
2,4,6-Tribromophenol
Concen: 131.053 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Tgt Ion:330 Resp: 979566

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.8	113.8
141	31.8	27.8	41.8

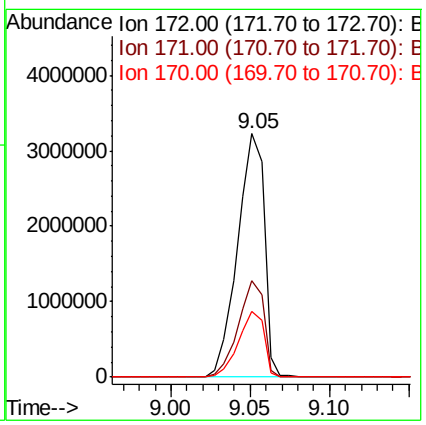


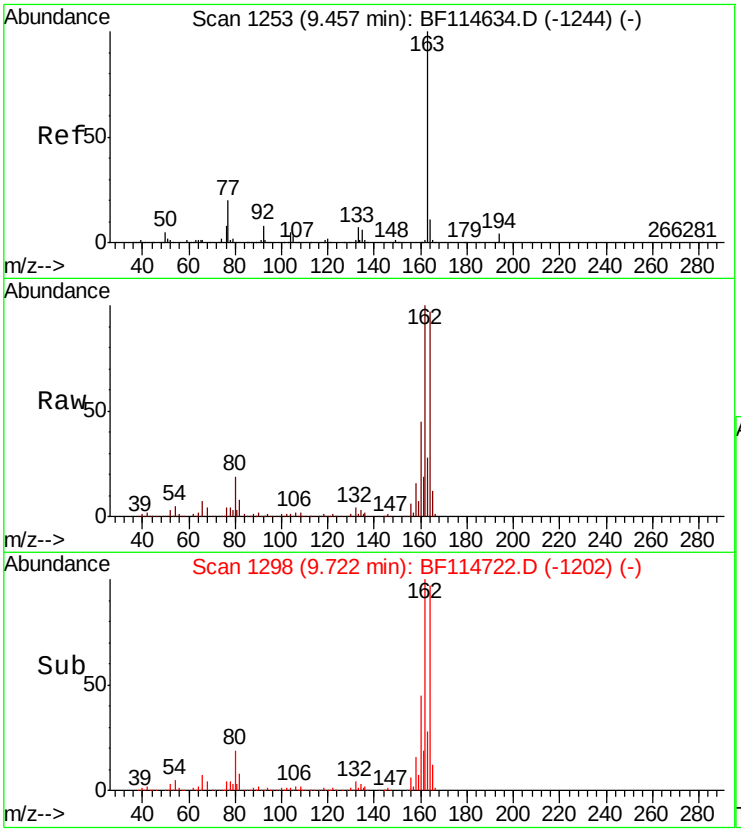


#45
2-Fluorobiphenyl
Concen: 91.805 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion:172 Resp: 3780243

Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.6	45.8
170	27.1	20.7	31.1



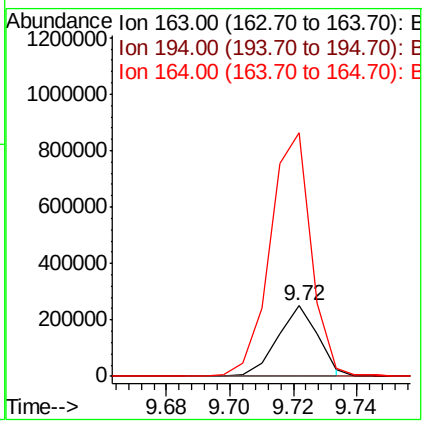


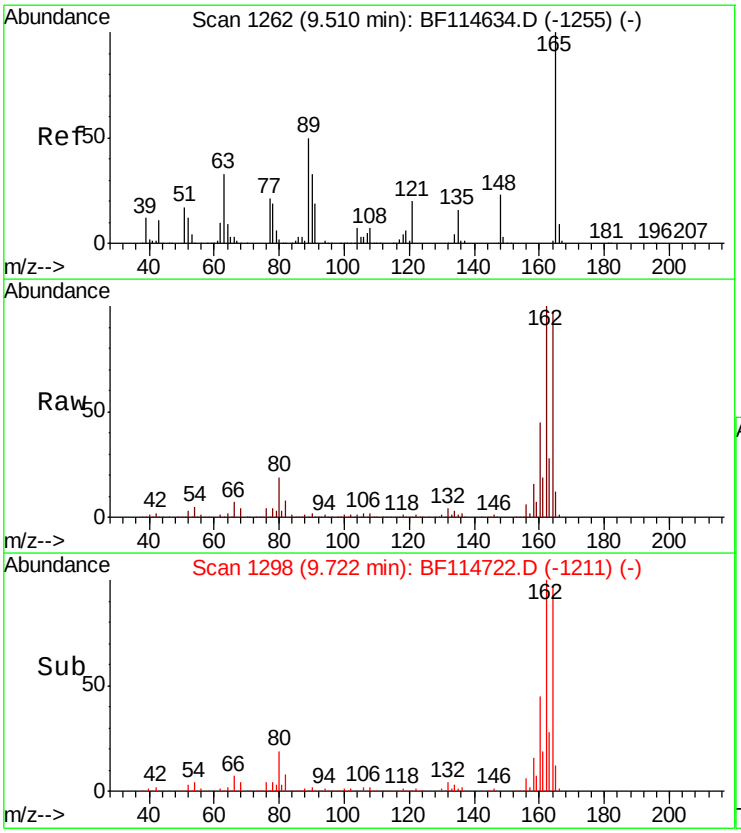
#50
Dimethylphthalate
Concen: 4.076 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Tgt Ion:163 Resp: 222785

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.0#
164	344.8	8.6	13.0#

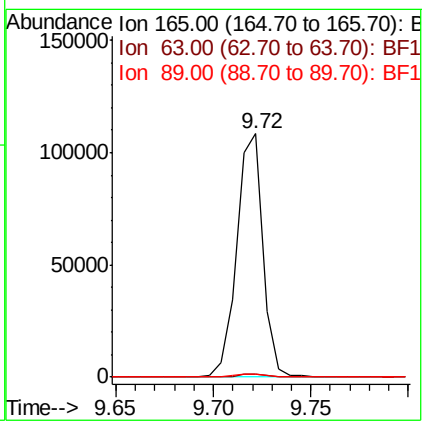


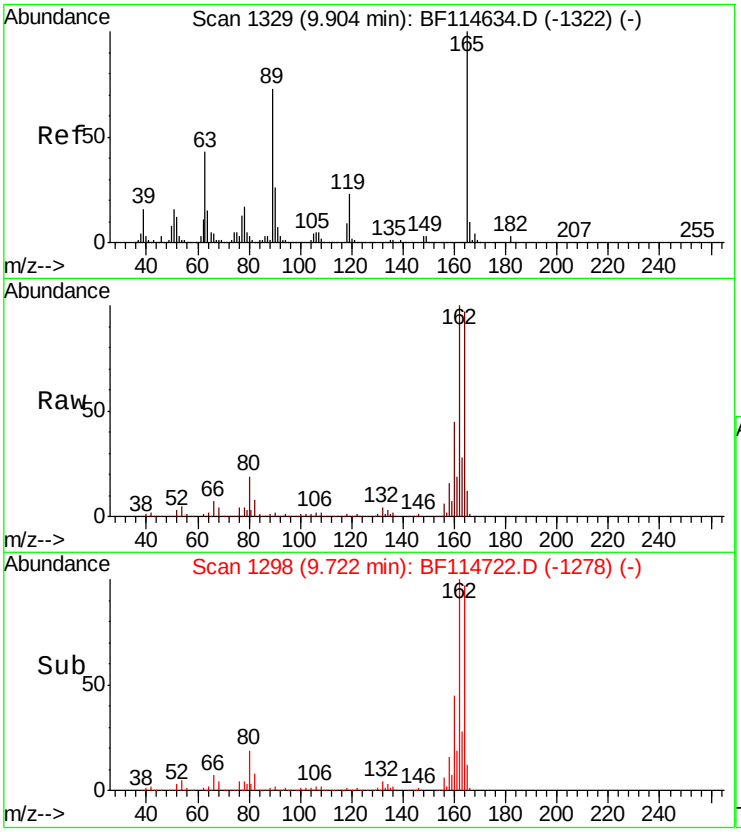


#51
2,6-Dinitrotoluene
Concen: 7.927 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.21 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion:165 Resp: 100679

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.6	54.8#
89	1.4	40.2	60.4#



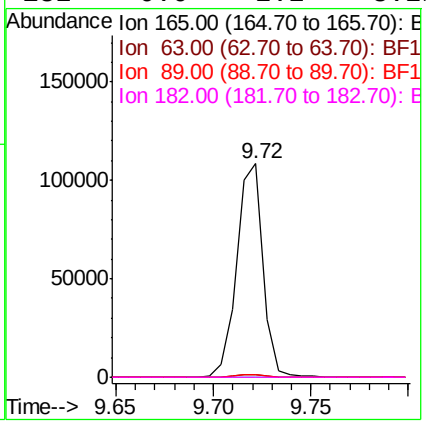


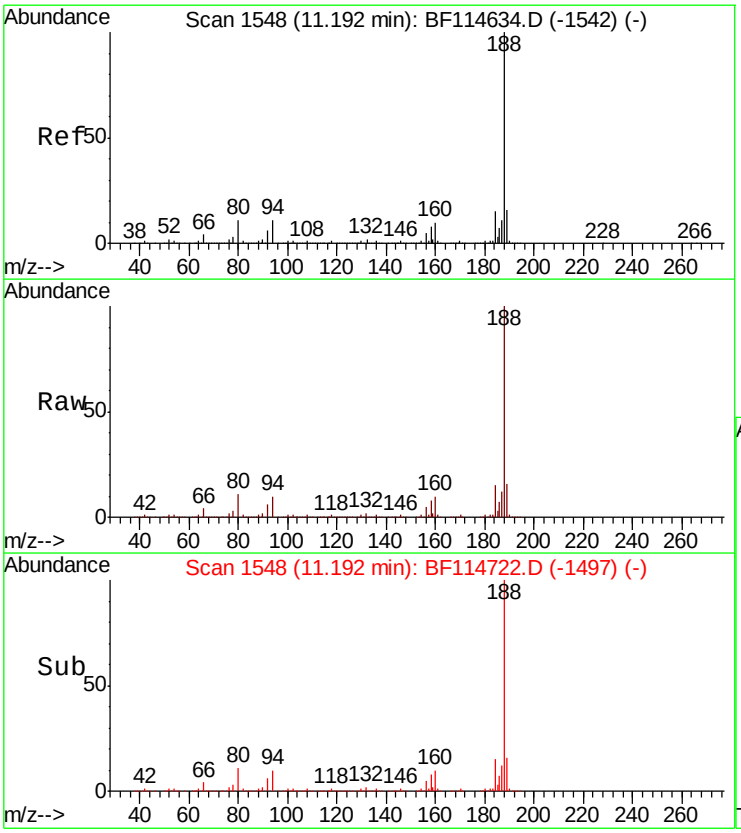
#57
2,4-Dinitrotoluene
Concen: 6.176 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Tgt Ion:165 Resp: 100679

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.8	52.2#
89	1.4	58.5	87.7#
182	0.0	2.2	3.2#

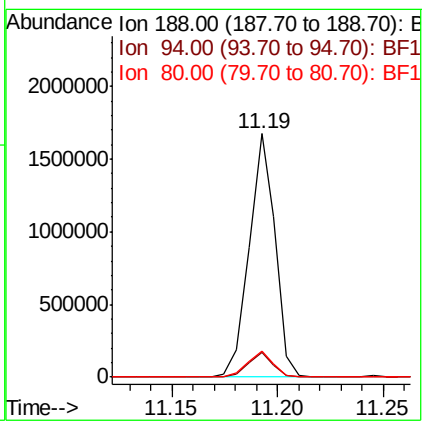


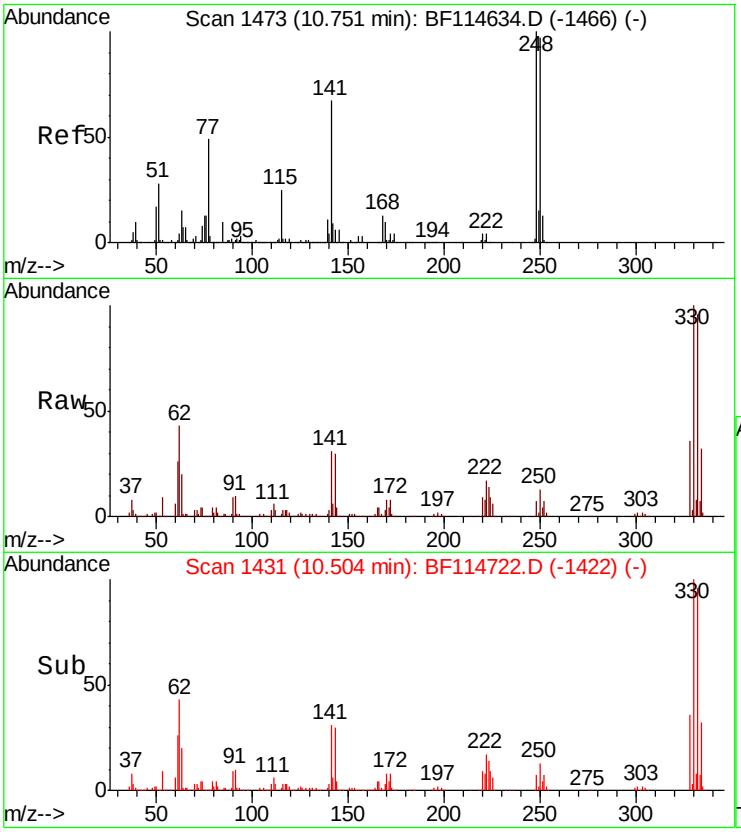


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion:188 Resp: 1429404

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.6	13.0
80	10.7	9.0	13.6



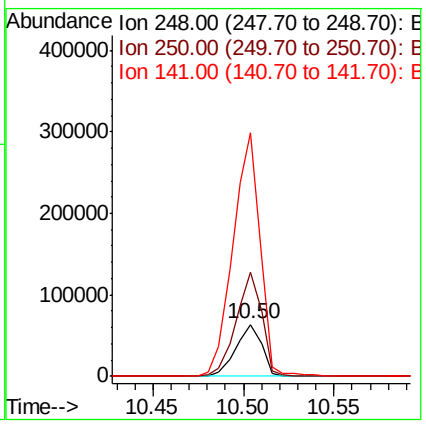


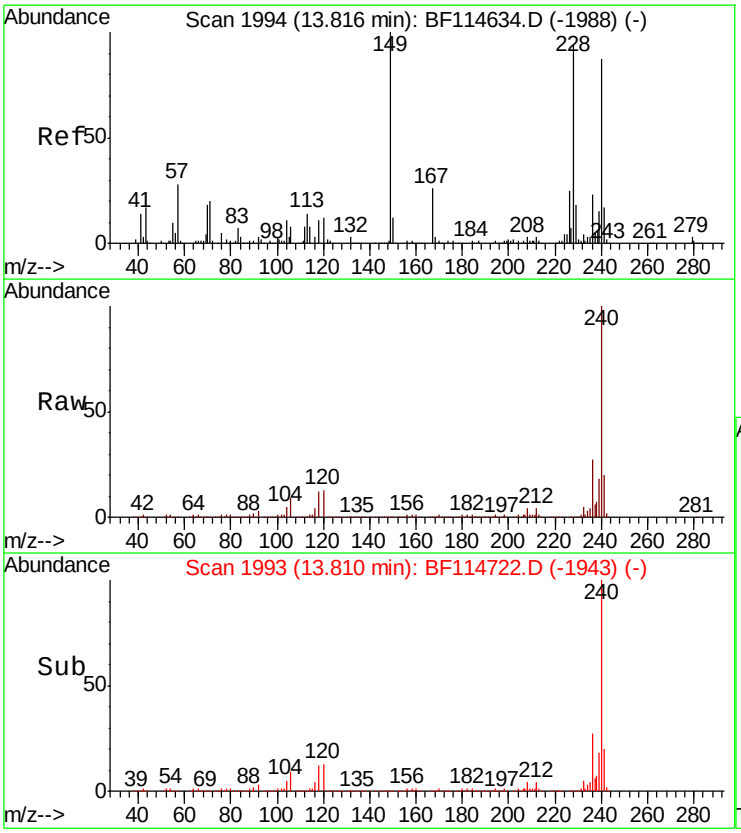
#67
4-Bromophenyl-phenylether
Concen: 4.144 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Tgt Ion:248 Resp: 63518

Ion	Ratio	Lower	Upper
248	100		
250	200.1	78.0	117.0#
141	469.8	53.8	80.8#

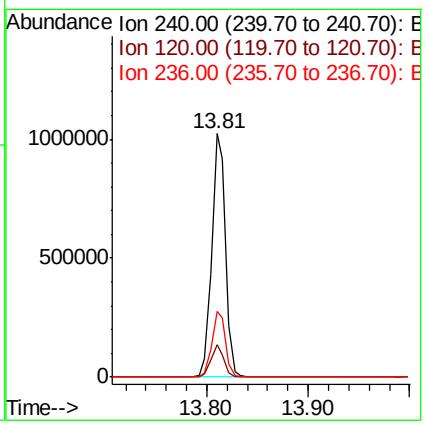


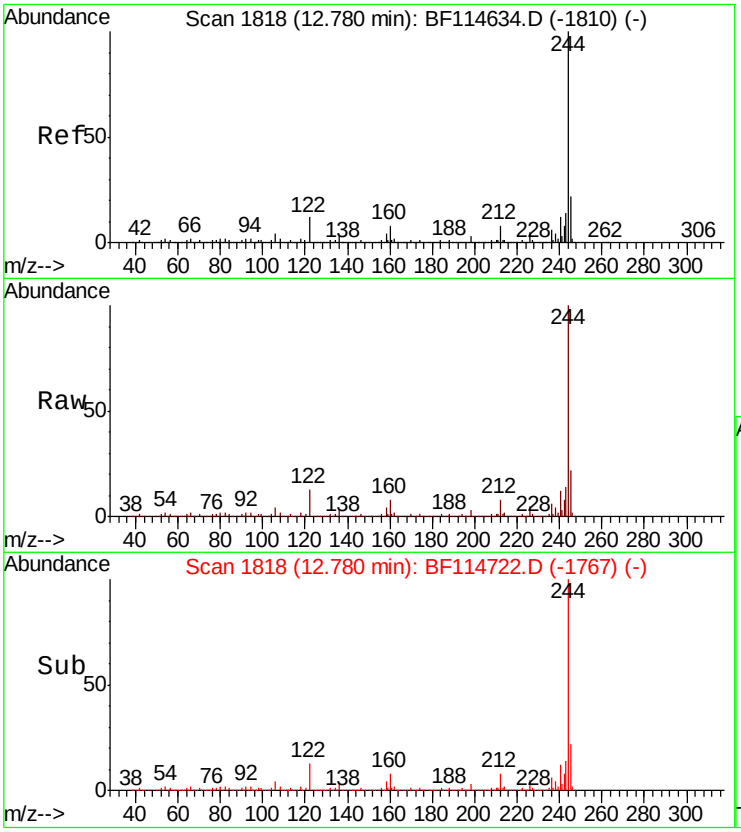


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion:240 Resp: 959097

Ion	Ratio	Lower	Upper
240	100		
120	13.3	11.2	16.8
236	27.1	21.2	31.8



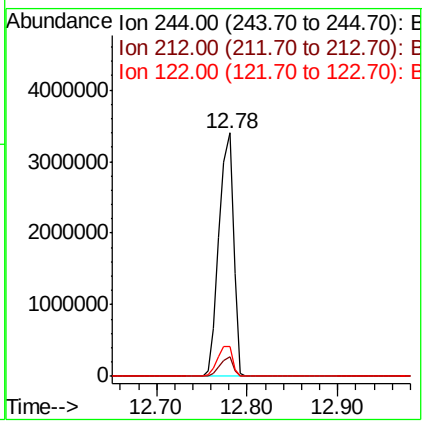


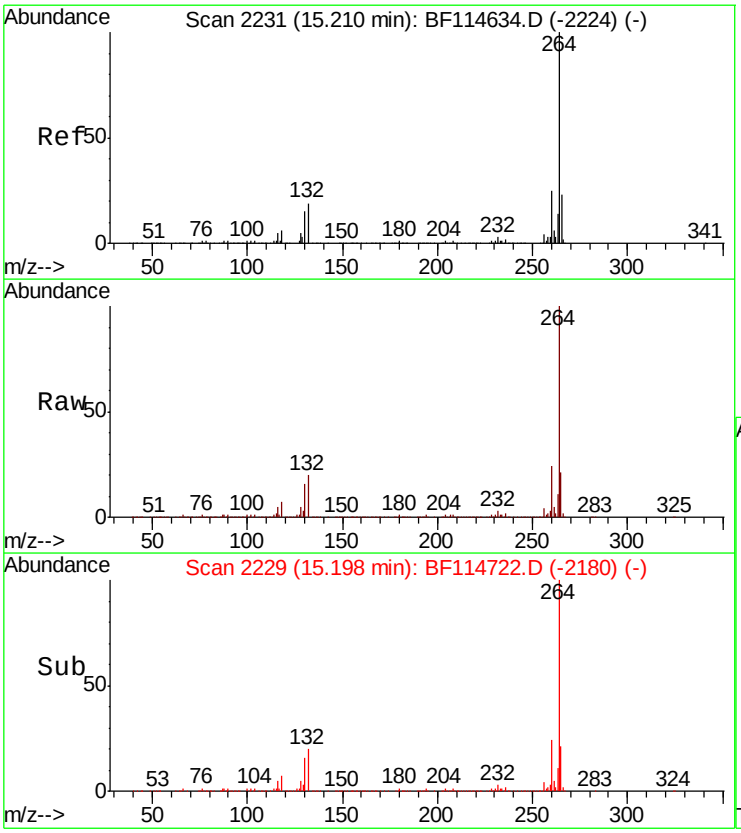
#79
Terphenyl-d14
Concen: 73.354 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Tgt Ion:244 Resp: 3741903

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	12.5	9.8	14.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion:264 Resp: 836891

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.4	18.1	27.1