Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
Data File : BF114405.D
Acq On : 18 May 2019 22:47
Operator : JU/SJ
Sample : K2869-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 20 04:12:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	243751	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	895443	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	413063	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	815577	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	440409	20.00	ng	-0.03
87) Perylene-d12	15.46	264	447201	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2585986	170.73	ng	0.02
7) Phenol-d6	6.49	99	3166310	176.75	ng	0.00
23) Nitrobenzene-d5	7.40	82	2455029	153.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	903626	211.60	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	3770821	138.09	ng	-0.02
79) Terphenyl-d14	12.94	244	3485043	163.13	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	7.00	79	35263	2.524	ng	# 42
19) n-Nitroso-di-n-propylamine	7.40	70	333999	29.414	ng	# 76
25) Isophorone	7.40	82	2447340	82.704	ng	# 64
32) Benzoic acid	7.95	122	1324	7.149	ng	# 82
51) 2,6-Dinitrotoluene	9.86	165	53086	7.893	ng	# 22
57) 2,4-Dinitrotoluene	9.86	165	53086	5.815	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	57637	6.418	ng	# 1
77) Benzidine	12.94	184	45006	2.277	ng	# 95

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

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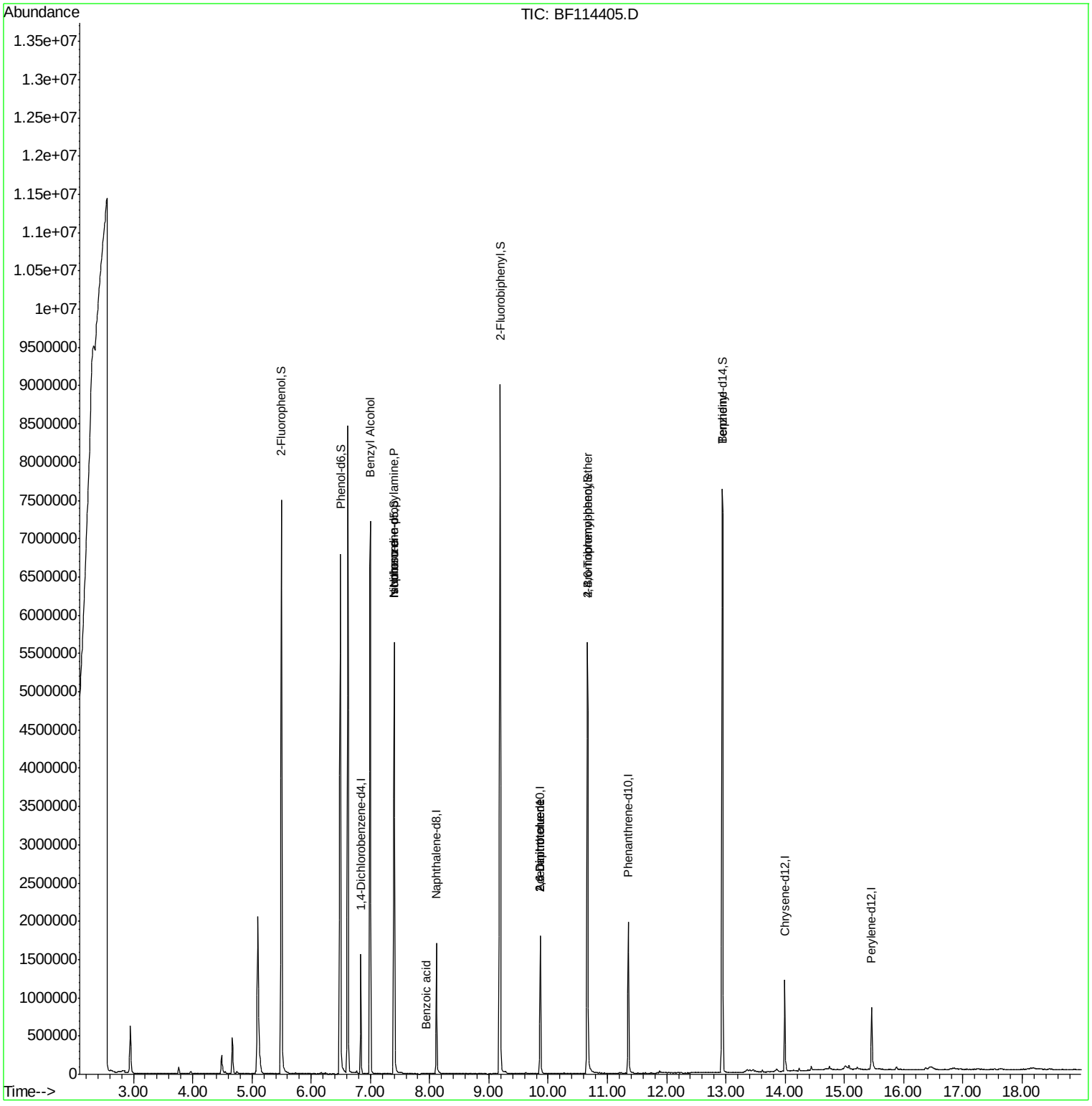
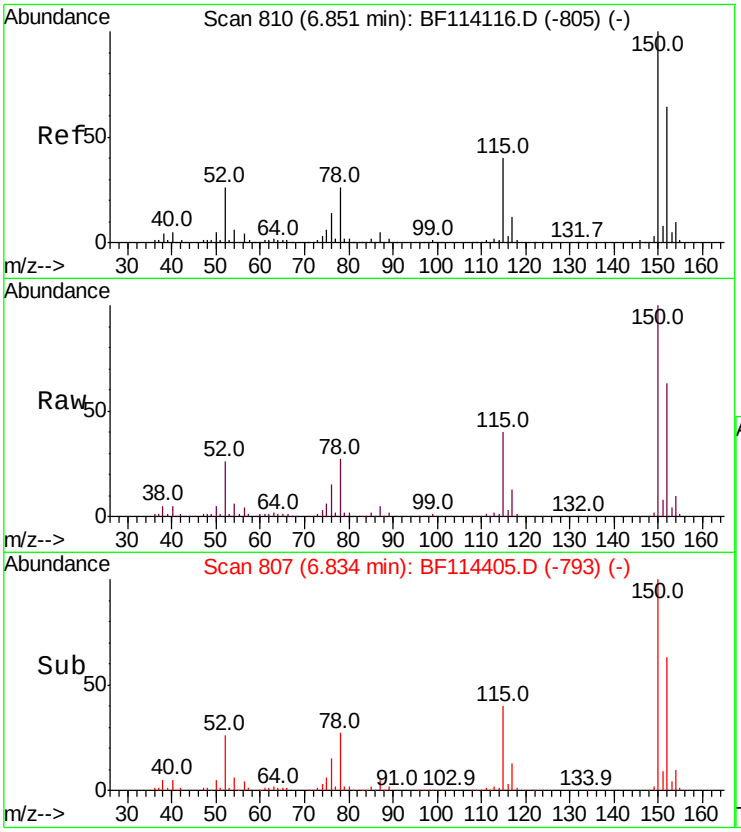
Quant Time: May 20 04:12:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



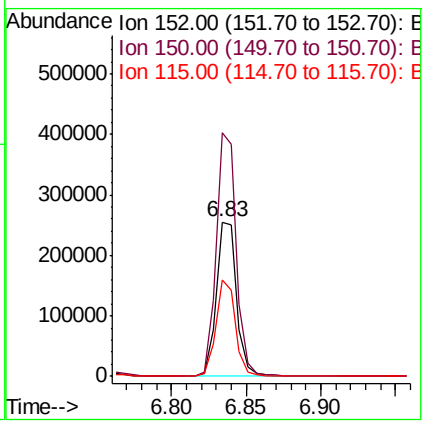


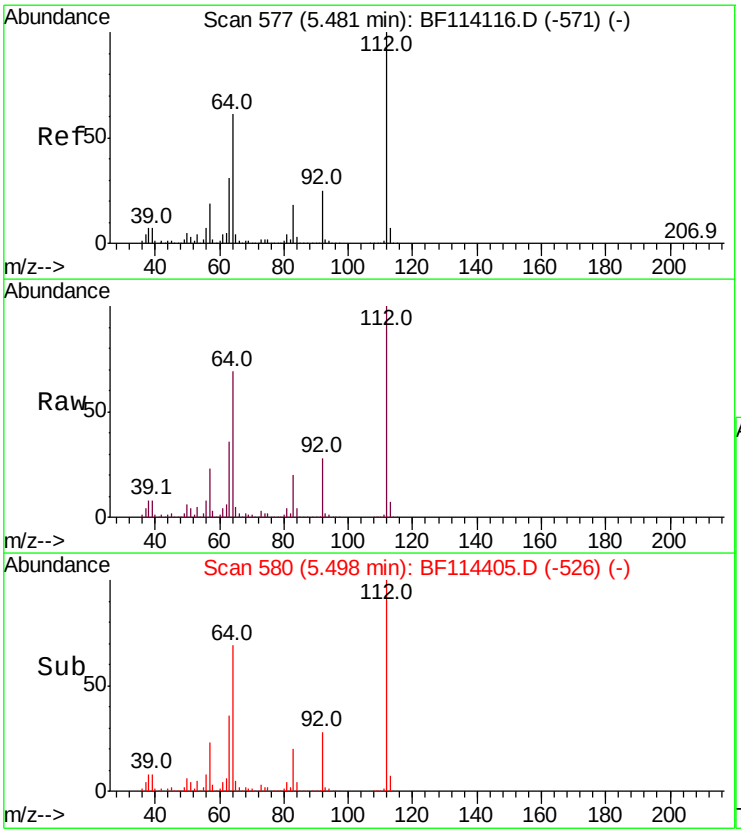
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 243751

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.3	186.5
115	62.5	49.1	73.7

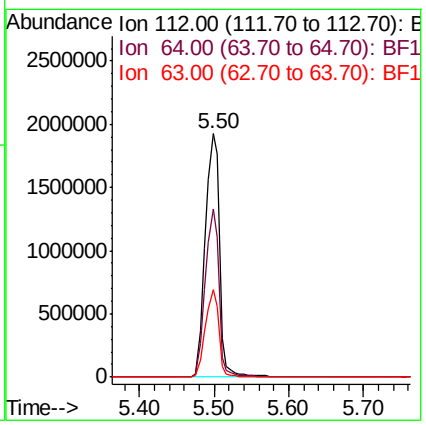


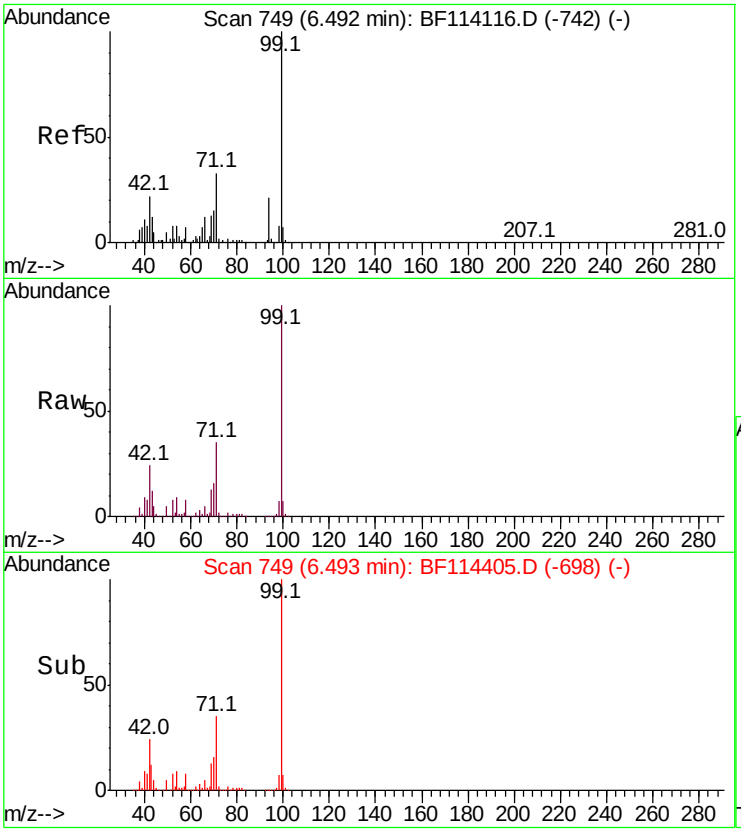


#5
2-Fluorophenol
Concen: 170.729 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Tgt Ion:112 Resp: 2585986

Ion	Ratio	Lower	Upper
112	100		
64	69.0	49.0	73.6
63	36.2	24.6	37.0



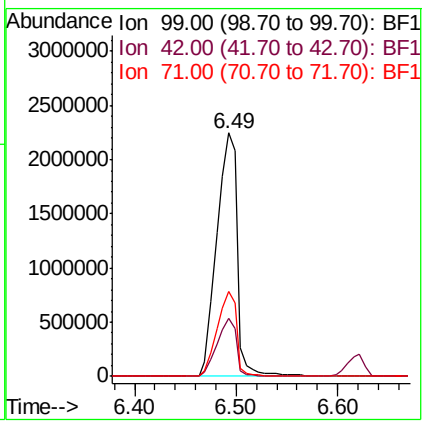


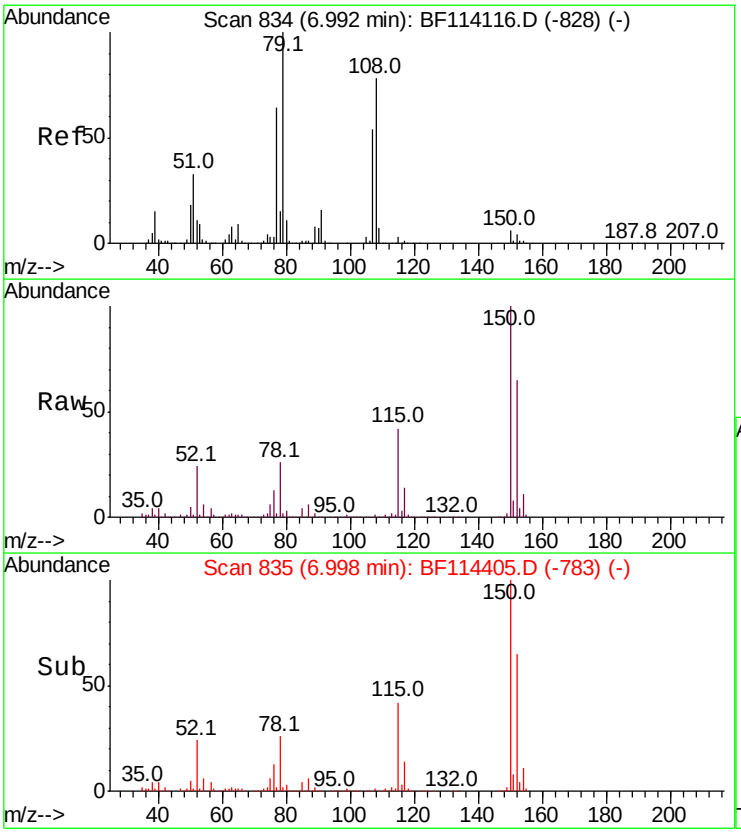
#7
Phenol-d6
Concen: 176.745 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 3166310

Ion	Ratio	Lower	Upper
99	100		
42	23.6	17.9	26.9
71	35.0	26.2	39.2

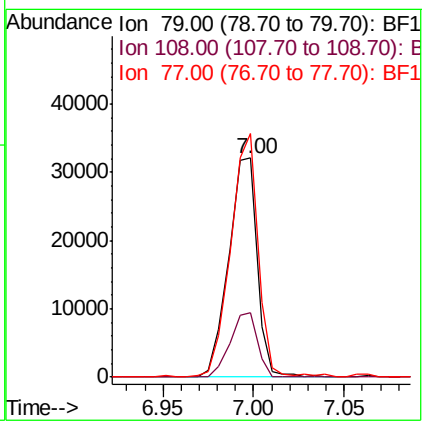


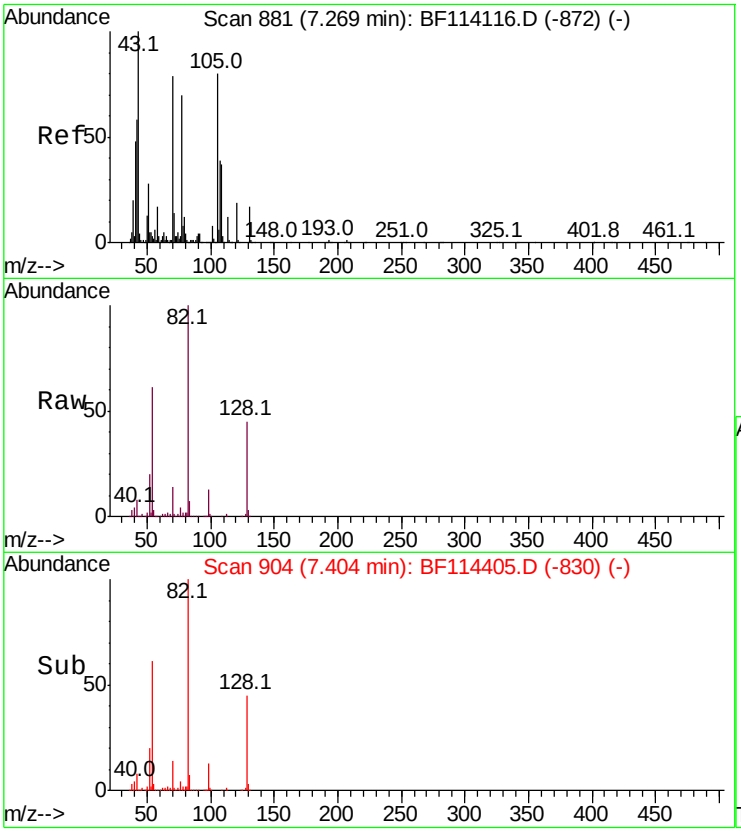


#15
Benzyl Alcohol
Concen: 2.524 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Tgt Ion: 79 Resp: 35263

Ion	Ratio	Lower	Upper
79	100		
108	29.2	62.1	93.1#
77	111.3	51.0	76.6#



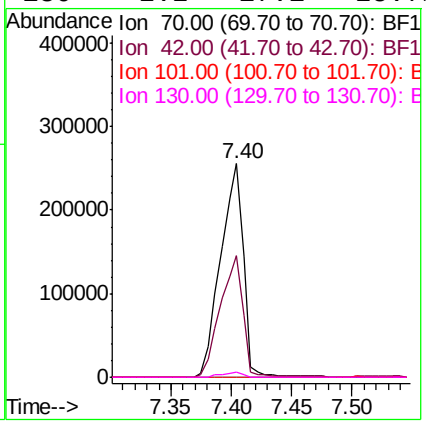


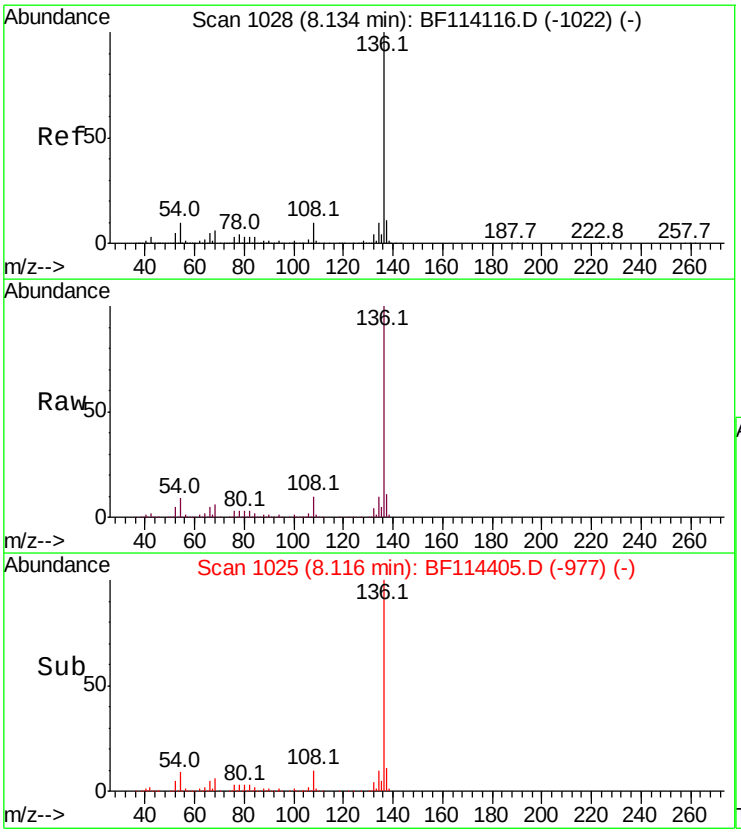
#19
n-Nitroso-di-n-propylamine
Concen: 29.414 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 333999

Ion	Ratio	Lower	Upper
70	100		
42	57.0	58.6	87.8#
101	0.0	7.8	11.8#
130	2.2	17.1	25.7#

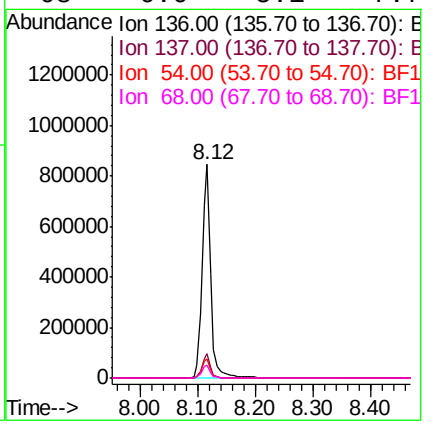


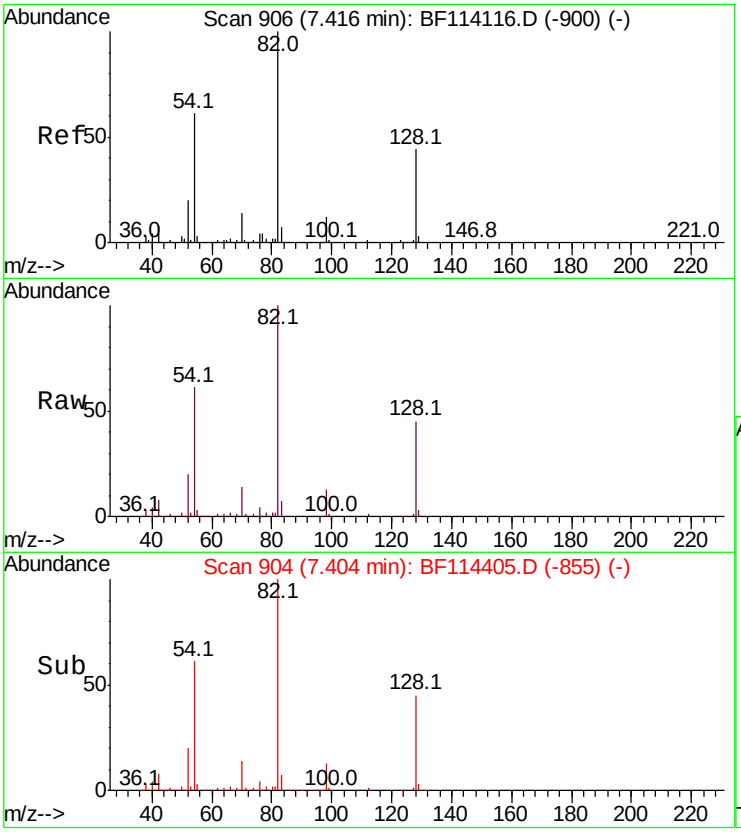


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Tgt Ion:136 Resp: 895443

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.1	7.8	11.8
68	6.0	5.1	7.7



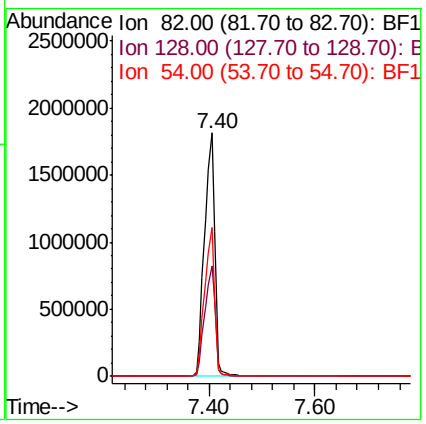


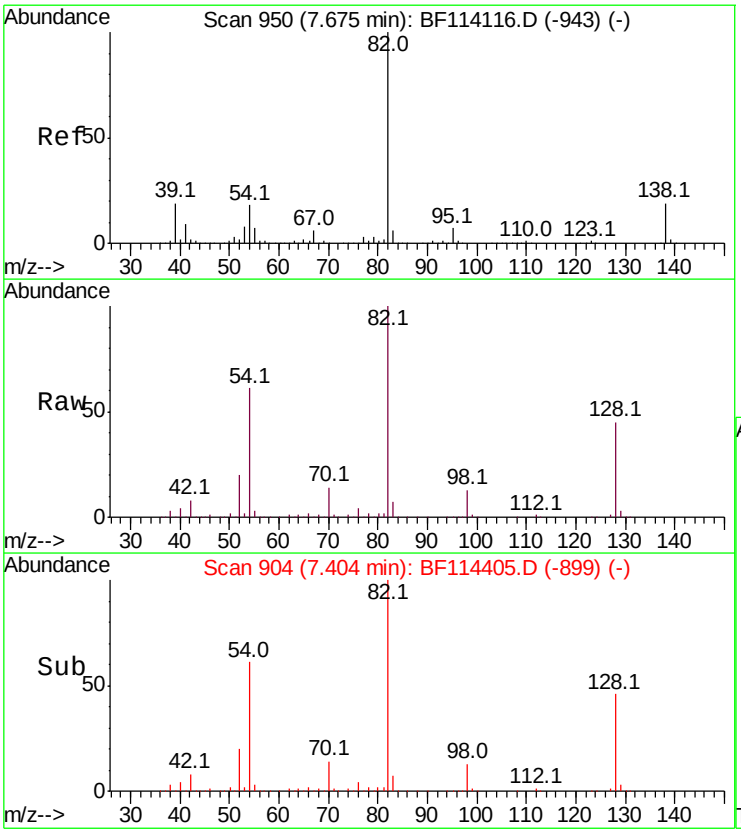
#23
Nitrobenzene-d5
Concen: 153.864 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 2455029

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.5	53.3
54	61.2	48.5	72.7

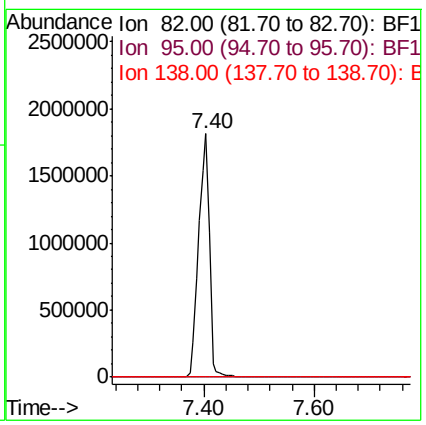


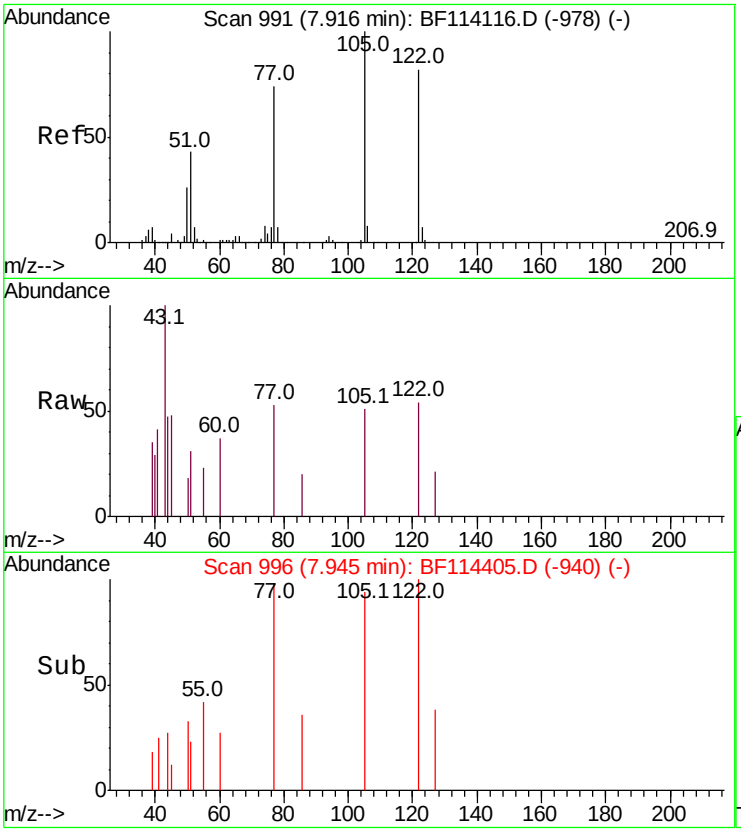


#25
Isophorone
Concen: 82.704 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Tgt Ion: 82 Resp: 2447340

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#



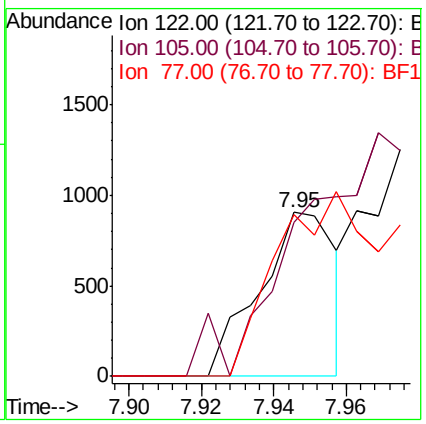


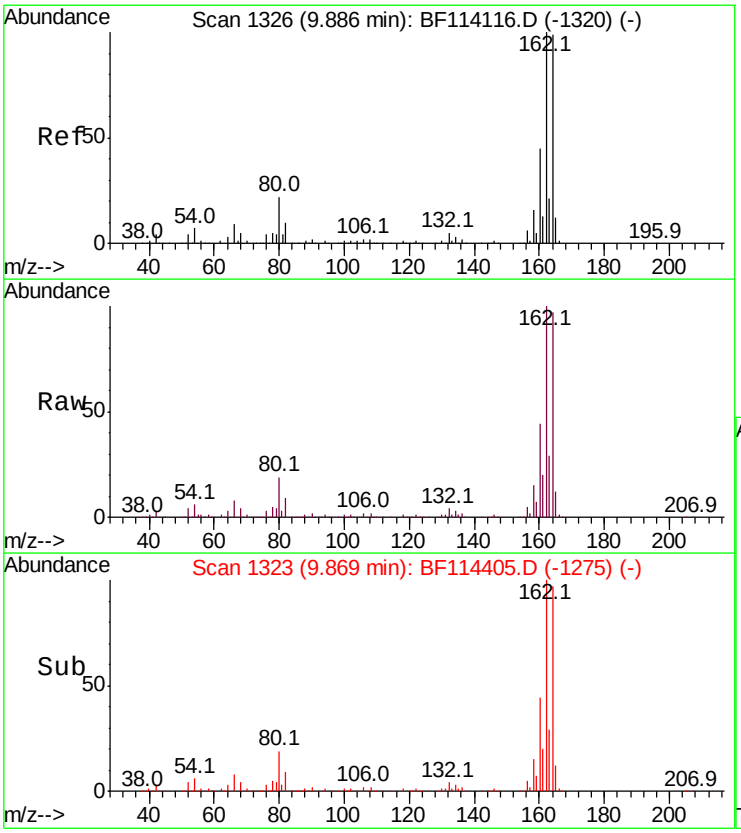
#32
Benzoic acid
Concen: 7.149 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.03 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1324

Ion	Ratio	Lower	Upper
122	100		
105	93.7	99.9	139.9#
77	98.5	69.4	109.4

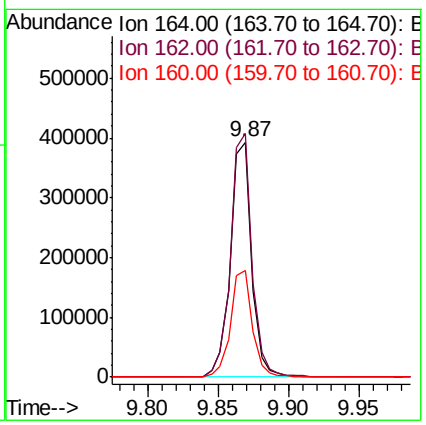


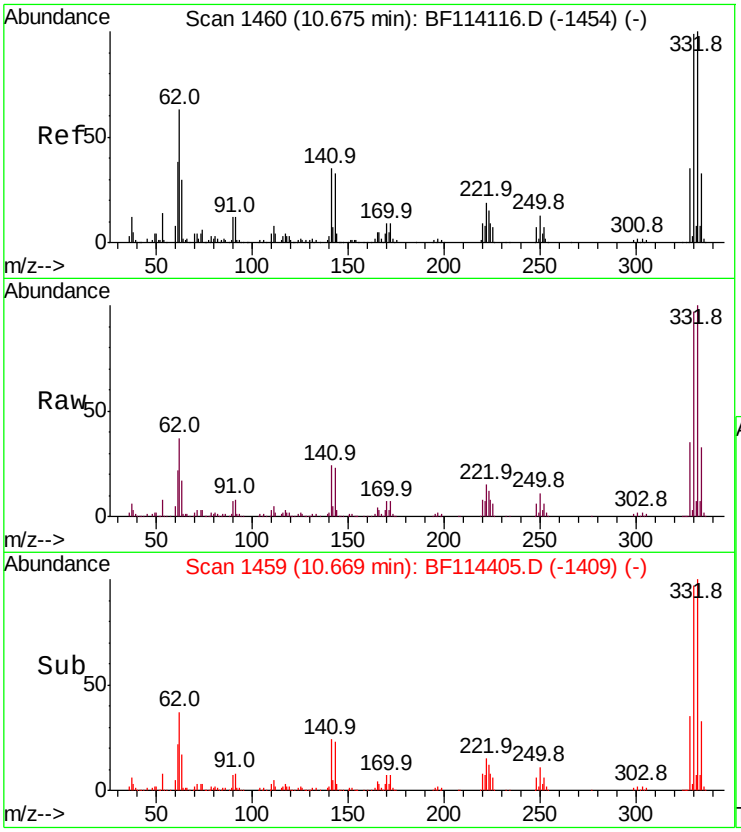


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Tgt Ion:164 Resp: 413063

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.6	120.8
160	45.4	36.5	54.7



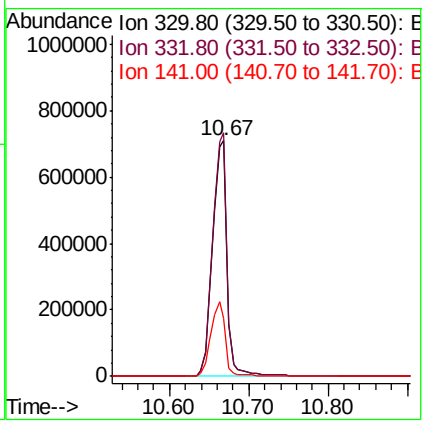


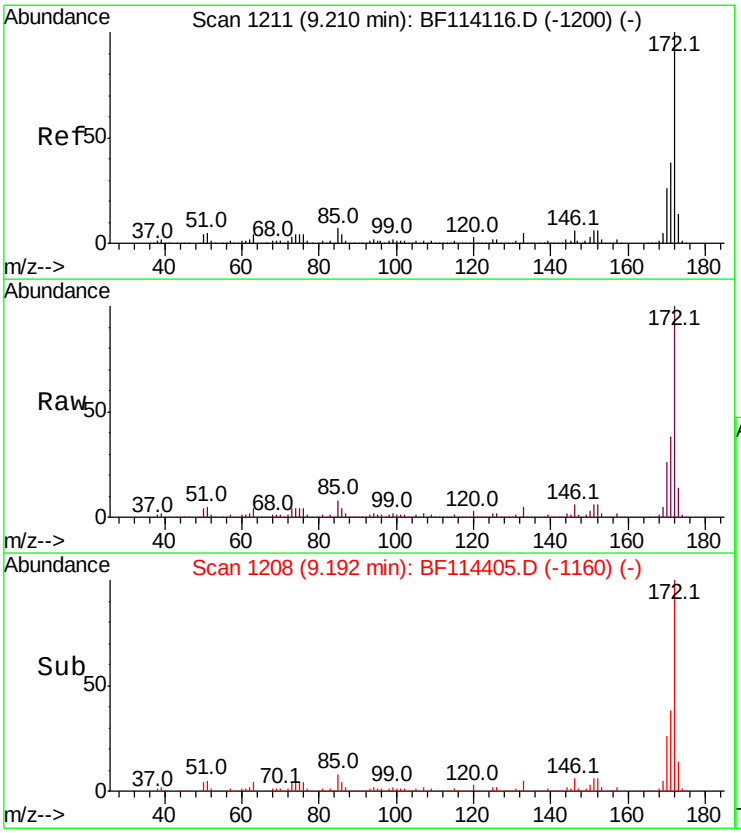
#42
2,4,6-Tribromophenol
Concen: 211.603 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 903626

Ion	Ratio	Lower	Upper
330	100		
332	102.9	81.4	122.2
141	31.8	26.6	40.0

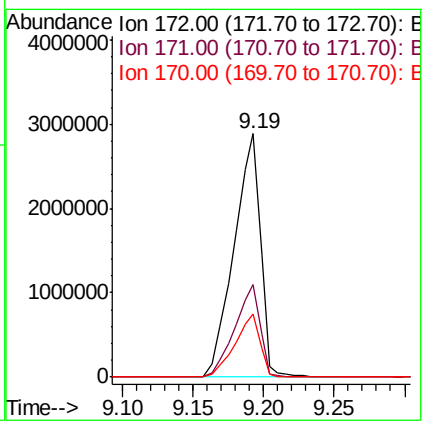


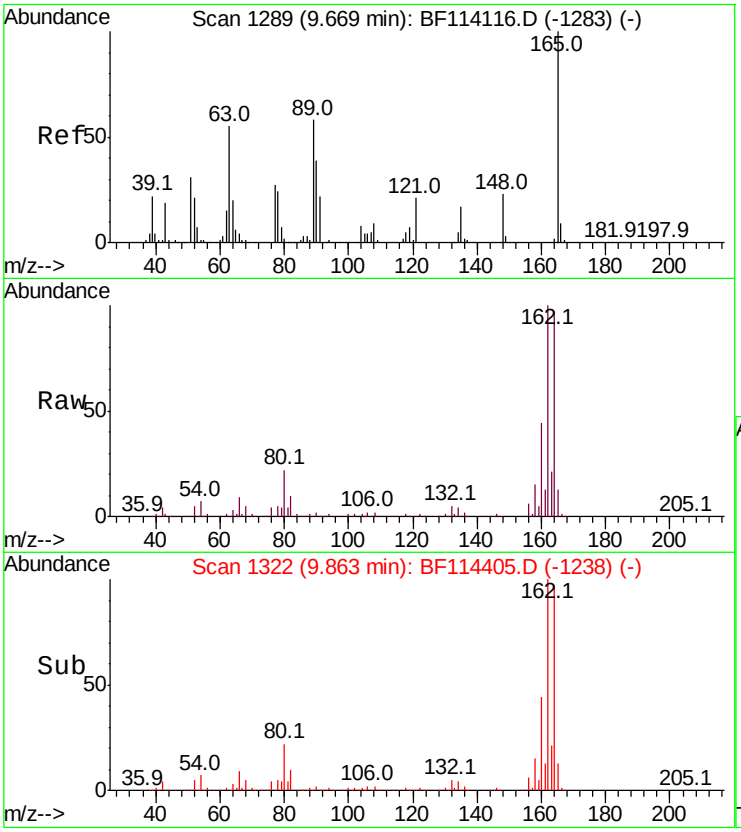


#45
2-Fluorobiphenyl
Concen: 138.090 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Tgt Ion:172 Resp: 3770821

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.7	46.1
170	25.9	20.5	30.7



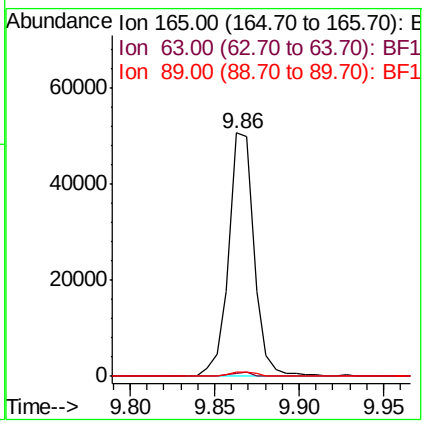


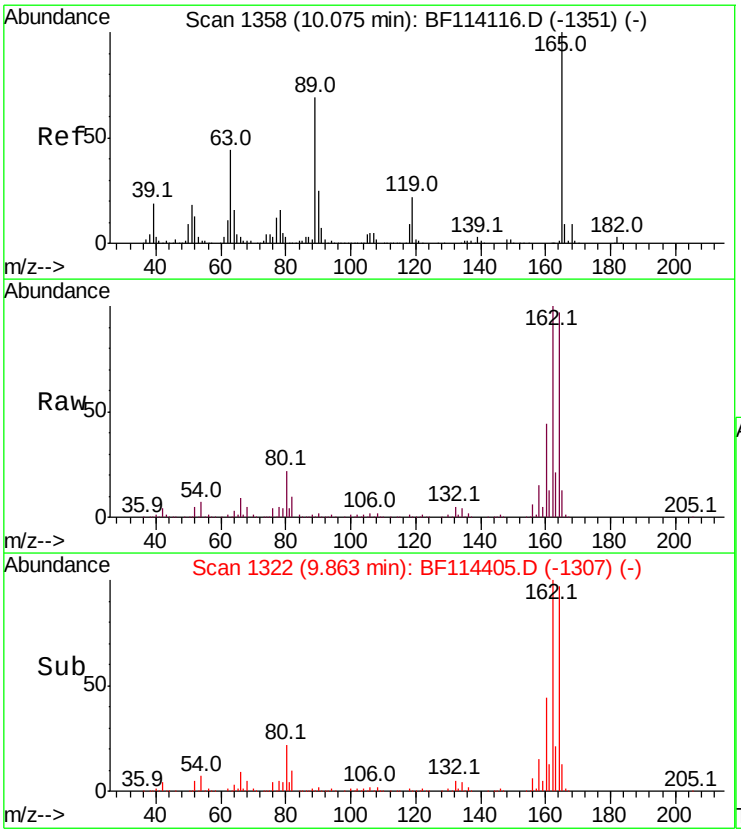
#51
2,6-Dinitrotoluene
Concen: 7.893 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.19 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 53086

Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.2	75.4#
89	1.6	46.6	69.8#

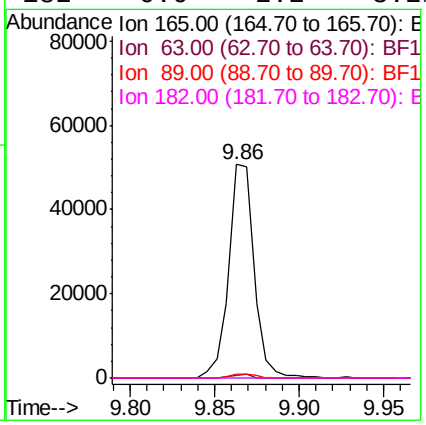


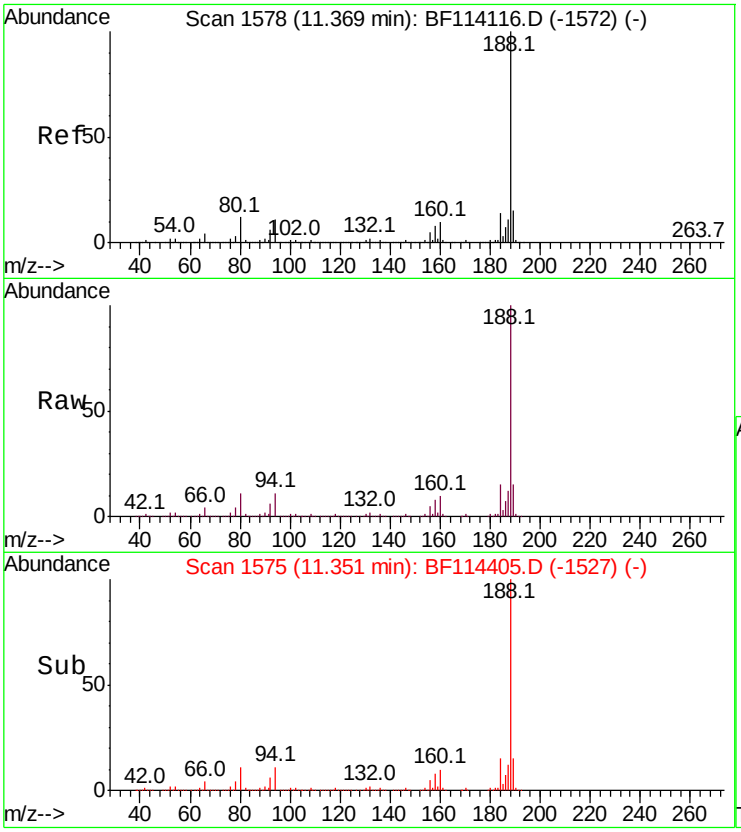


#57
2,4-Dinitrotoluene
Concen: 5.815 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.21 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Tgt Ion:165 Resp: 53086

Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.5	53.3#
89	1.6	55.2	82.8#
182	0.0	2.2	3.2#



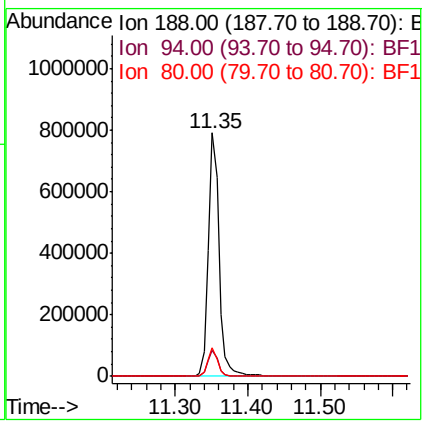


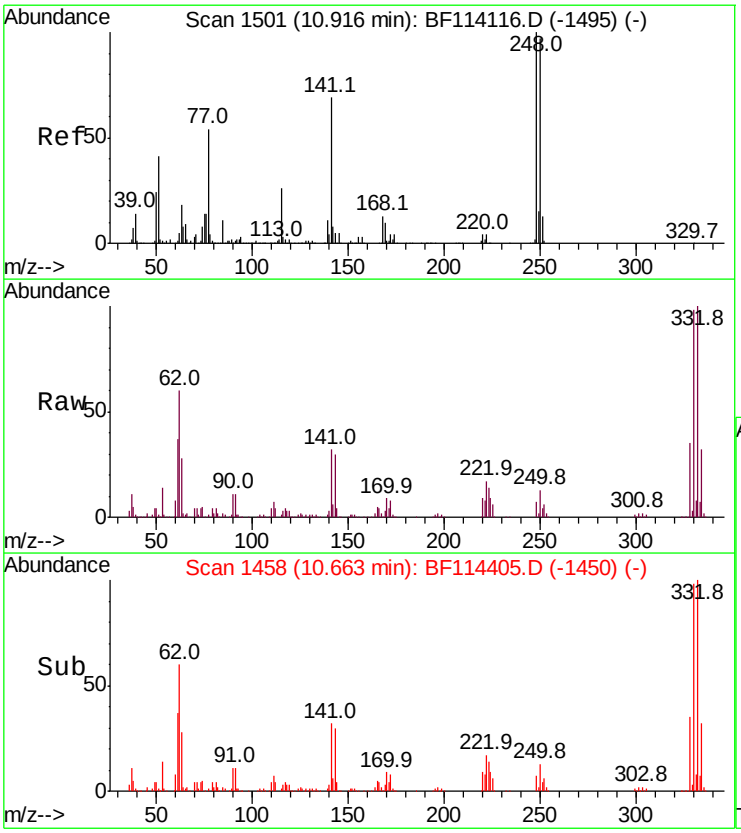
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 815577

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.4	12.6
80	11.5	9.2	13.8

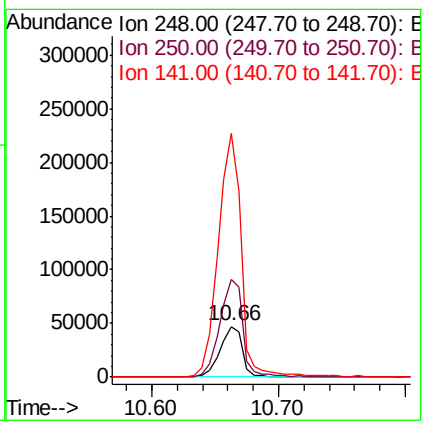


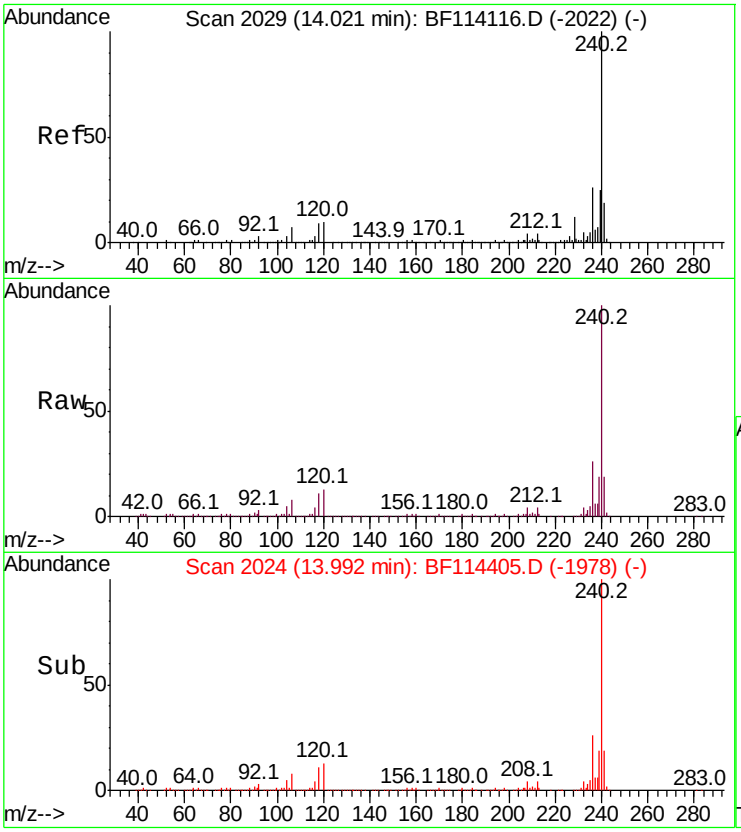


#67
4-Bromophenyl-phenylether
Concen: 6.418 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Tgt Ion:248 Resp: 57637

Ion	Ratio	Lower	Upper
248	100		
250	190.5	77.4	116.2#
141	477.8	55.6	83.4#



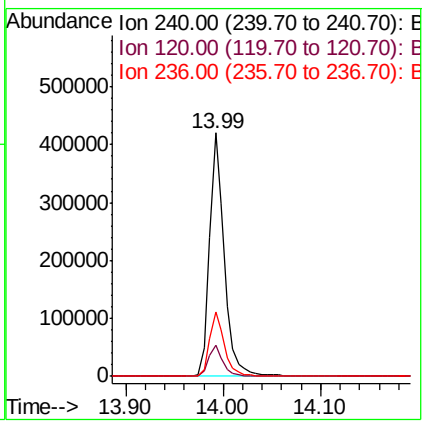


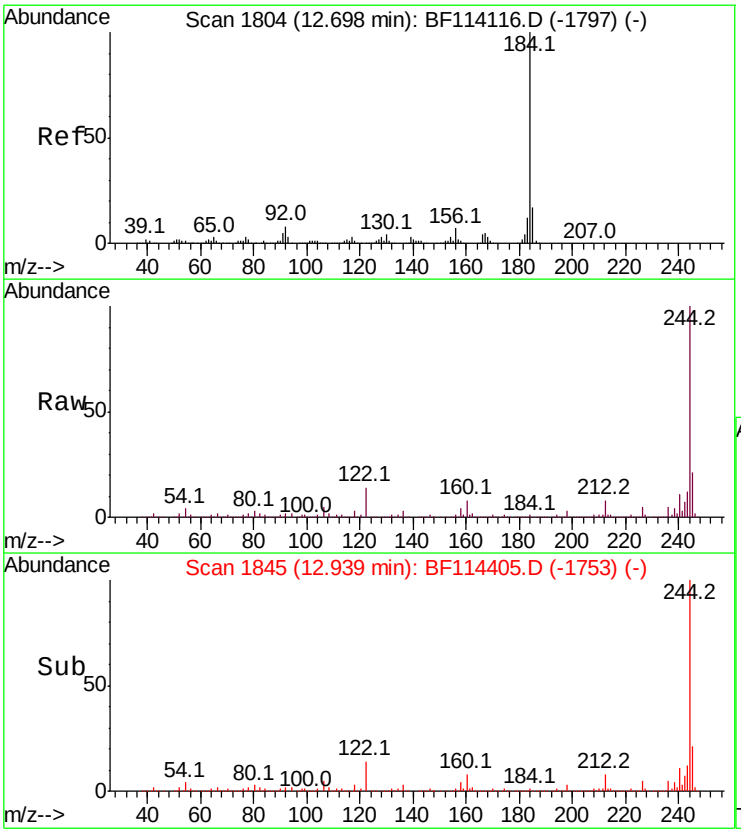
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 440409

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	26.4	20.8	31.2

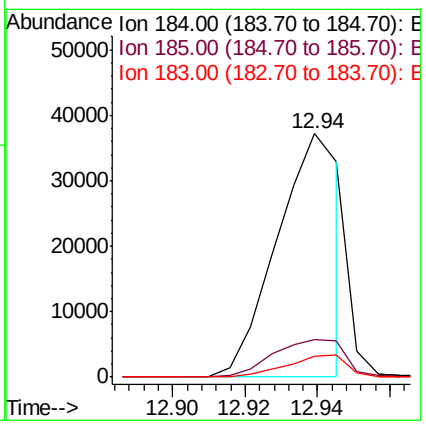


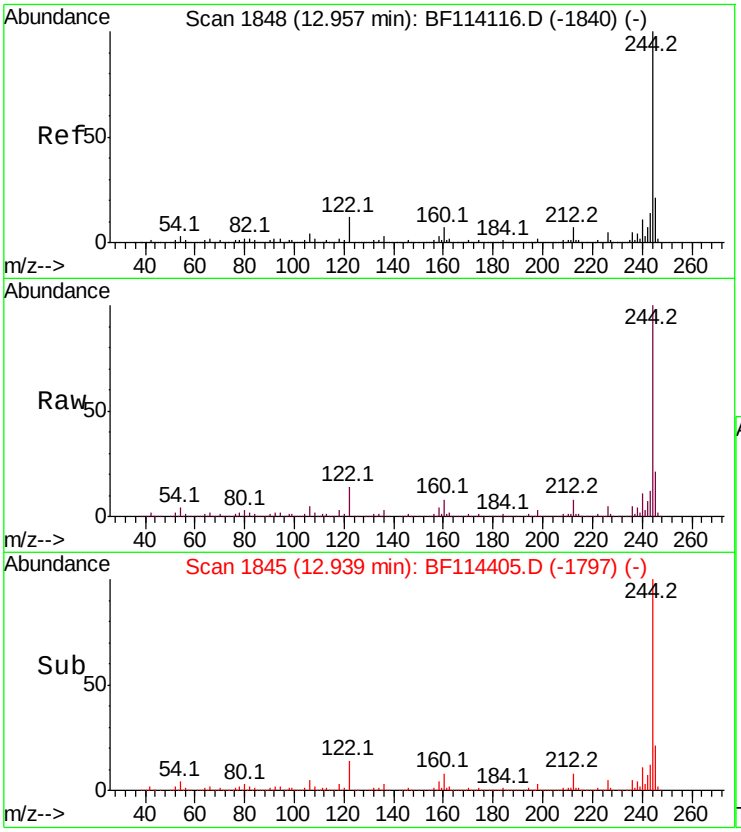


#77
Benzidine
Concen: 2.277 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Tgt Ion:184 Resp: 45006

Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.6	20.4
183	8.7	9.2	13.8#



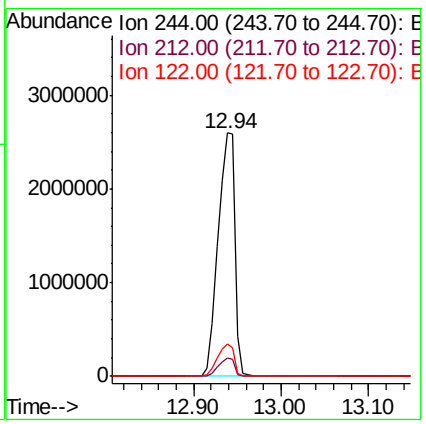


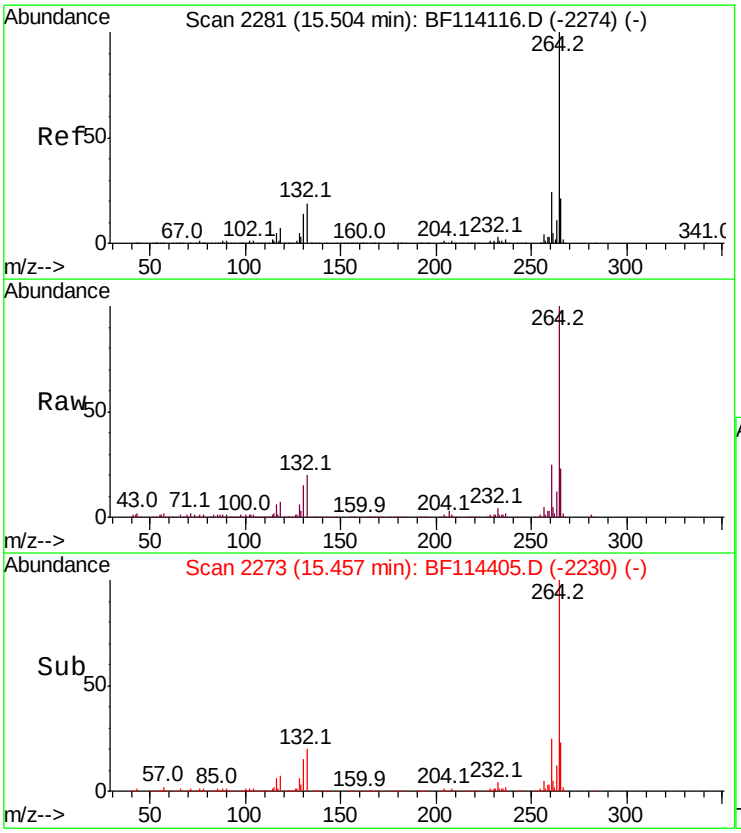
#79
Terphenyl-d14
Concen: 163.125 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.02 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3485043

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	13.5	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Tgt Ion:264 Resp: 447201

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.7	16.9	25.3