Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115510.D
Acq On : 11 Jul 2019 22:28
Operator : HP/JU
Sample : K3751-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUCT-BANK-TEST-PIT

Quant Time: Jul 12 03:16:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	149251	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	598426	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	302193	20.00	ng	-0.01
64) Phenanthrene-d10	11.42	188	589965	20.00	ng	0.00
76) Chrysene-d12	14.05	240	383823	20.00	ng	-0.02
87) Perylene-d12	15.53	264	434391	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	787134	81.48	ng	0.00
7) Phenol-d6	6.52	99	1037544	84.45	ng	0.00
23) Nitrobenzene-d5	7.45	82	626932	61.90	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	307884	92.15	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1147832	66.65	ng	0.00
79) Terphenyl-d14	13.00	244	1296311	69.15	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	1568	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	81627	9.821	ng	# 76
25) Isophorone	7.45	82	619145	28.202	ng	# 64
50) Dimethylphthalate	9.64	163	340569	15.015	ng	99
57) 2,4-Dinitrotoluene	9.93	165	37187	5.948	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.72	198	588	7.992	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	18713	2.827	ng	# 1
86) Indeno(1,2,3-cd)pyrene	17.00	276	1618	Below Cal	#	65

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

Quantitation Report (Not Reviewed)

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BNA_F
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DUCT-BANK-TEST-PIT

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
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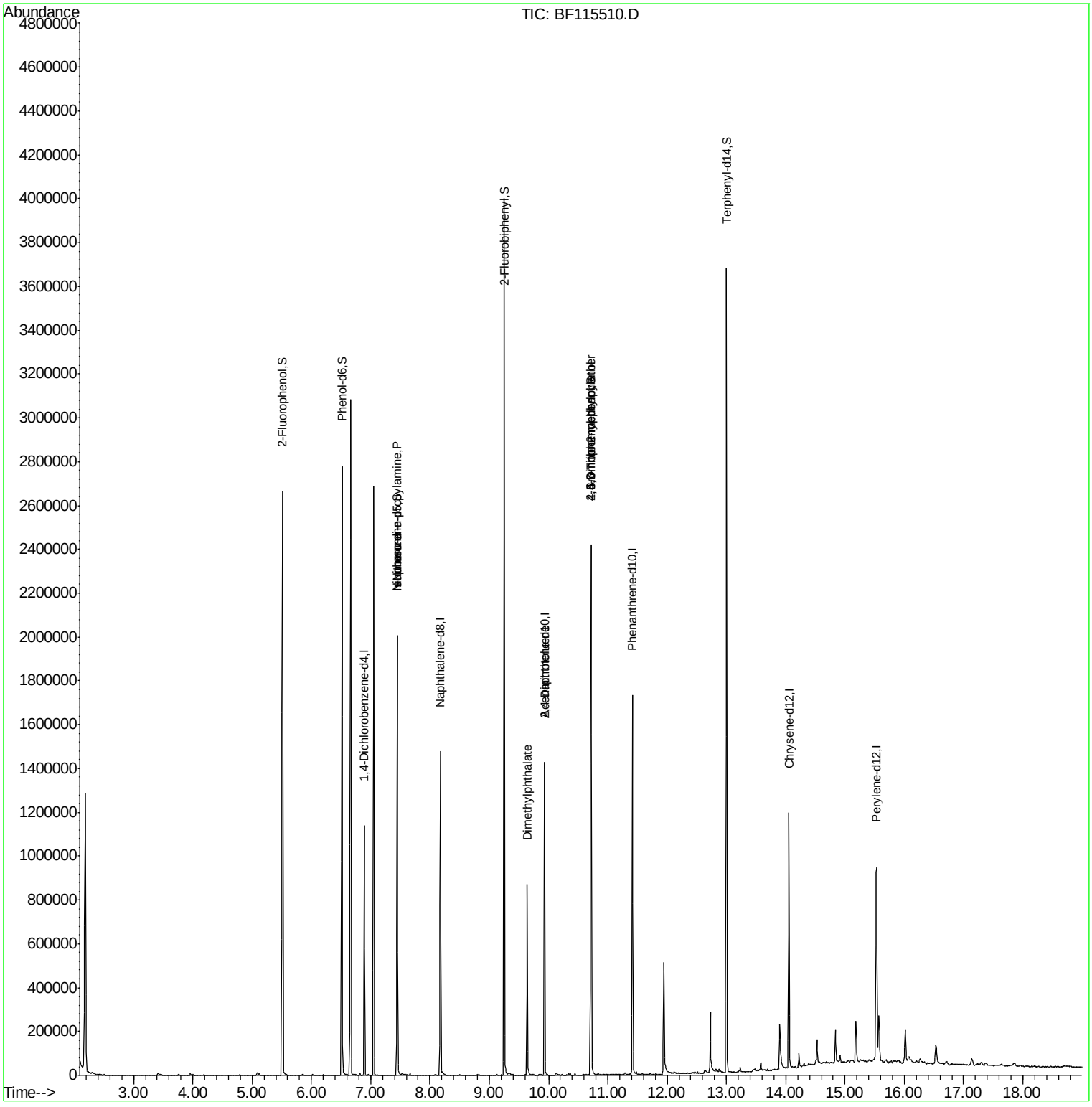
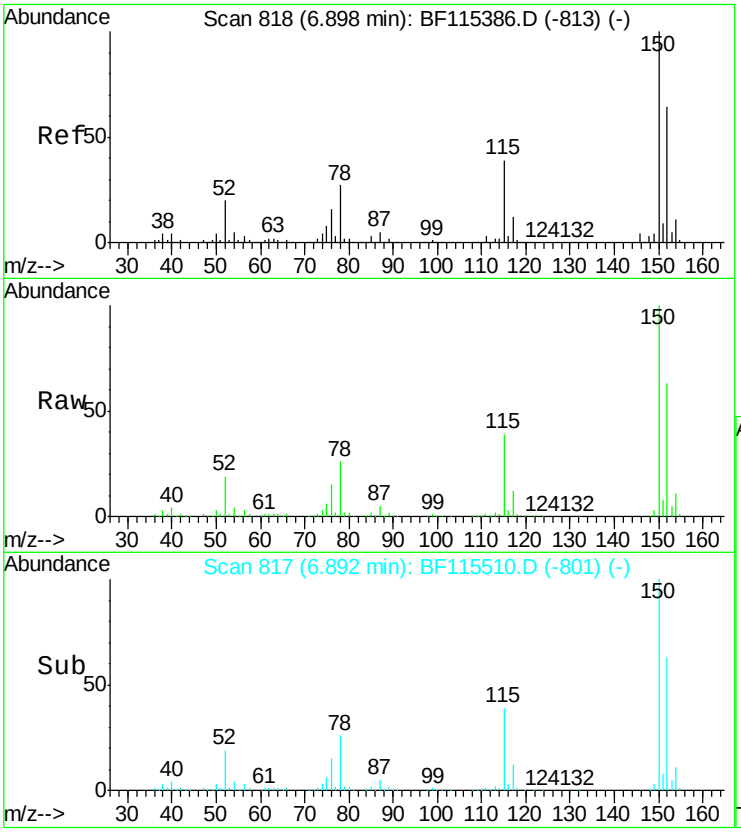


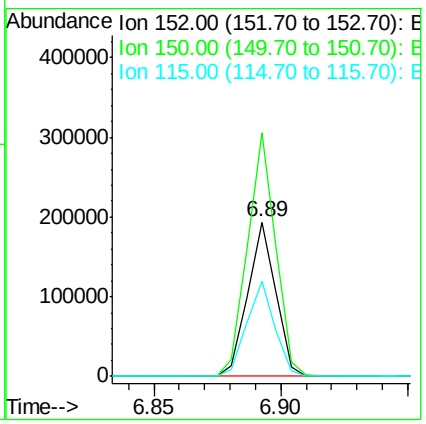


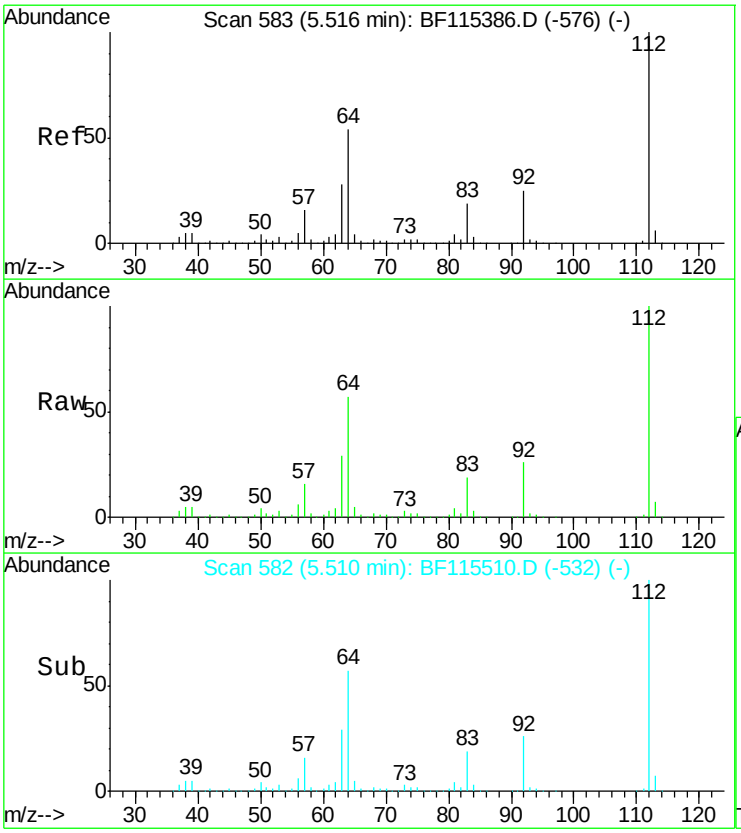
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tgt Ion:152 Resp: 149251

Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.4	191.2
115	61.8	46.2	69.4

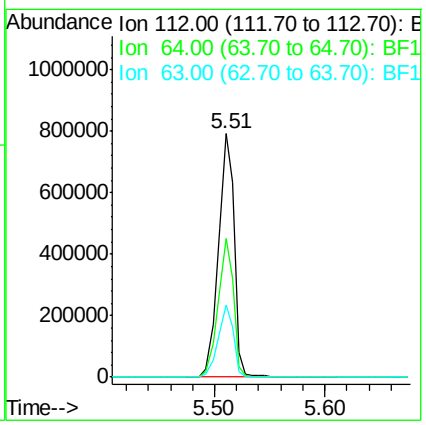


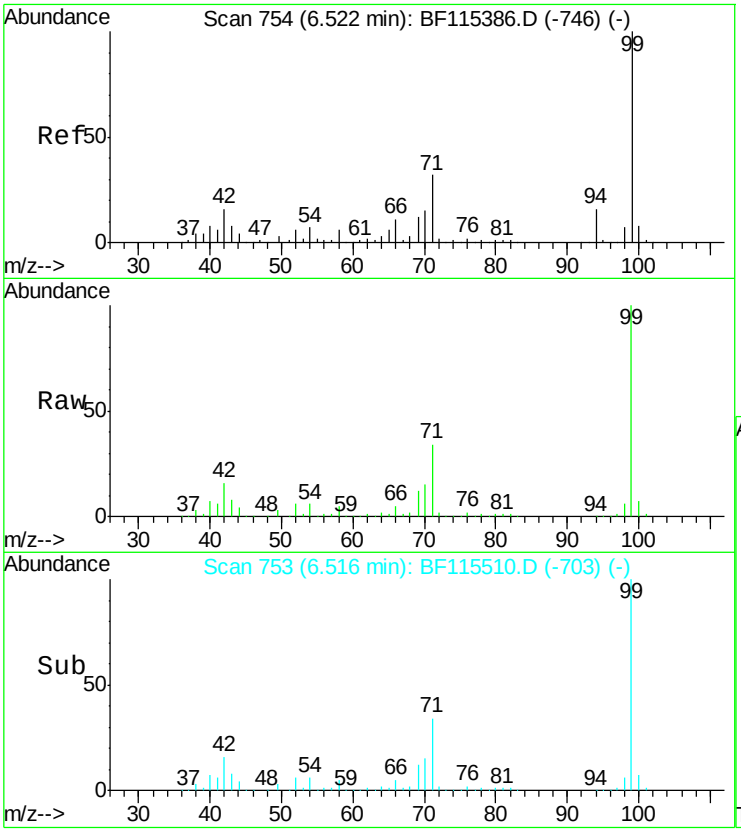


#5
2-Fluorophenol
Concen: 81.483 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion:112 Resp: 787134

Ion	Ratio	Lower	Upper
112	100		
64	57.1	44.2	66.2
63	29.4	22.1	33.1



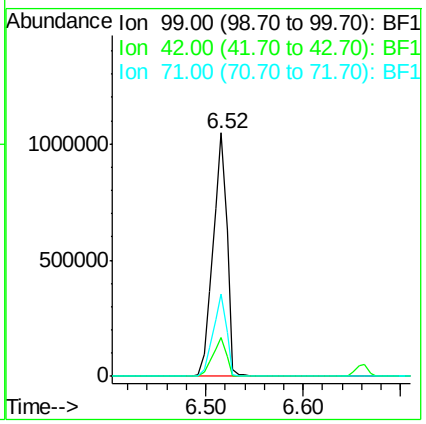


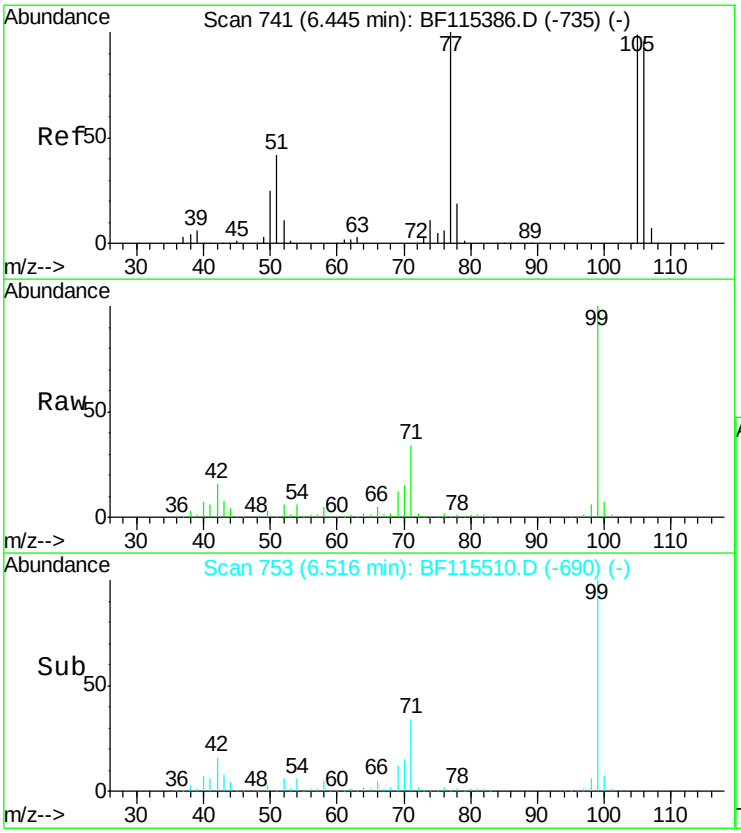
#7
Phenol-d6
Concen: 84.452 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tgt Ion: 99 Resp: 1037544

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.8	19.2
71	33.7	26.5	39.7

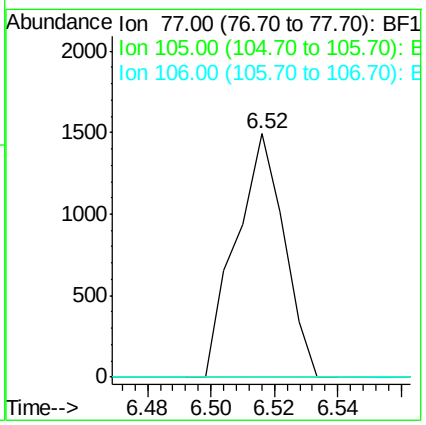


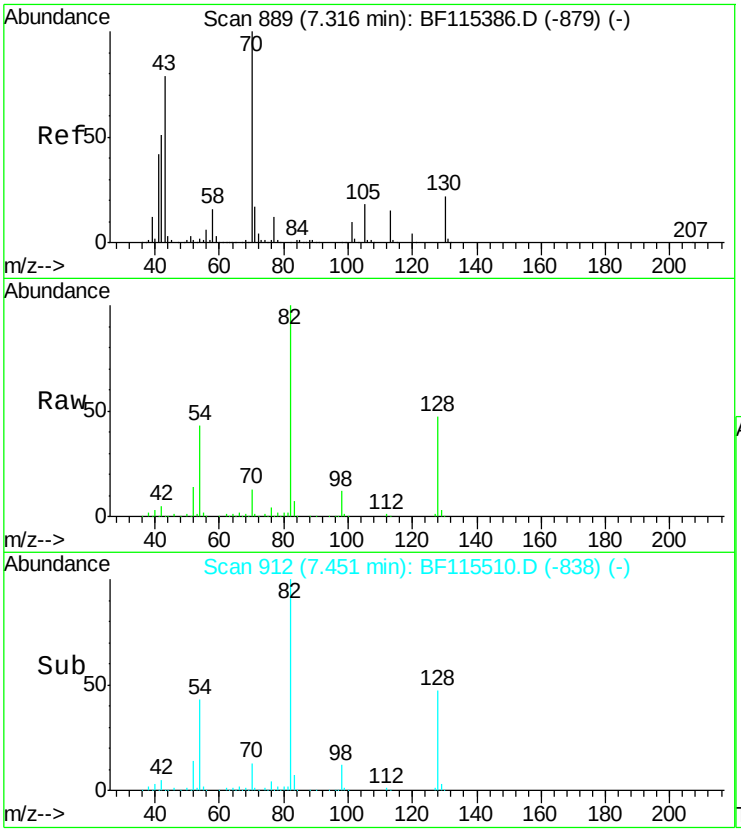


#9
Benzaldehyde
Concen: Below Cal
RT: 6.52 min Scan# 753
Delta R.T. 0.07 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion: 77 Resp: 1568

Ion	Ratio	Lower	Upper
77	100		
105	0.0	82.9	122.9#
106	0.0	77.8	117.8#



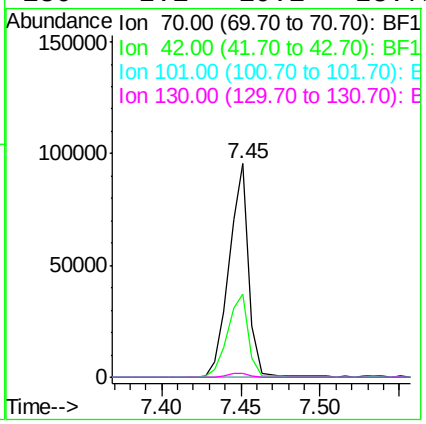


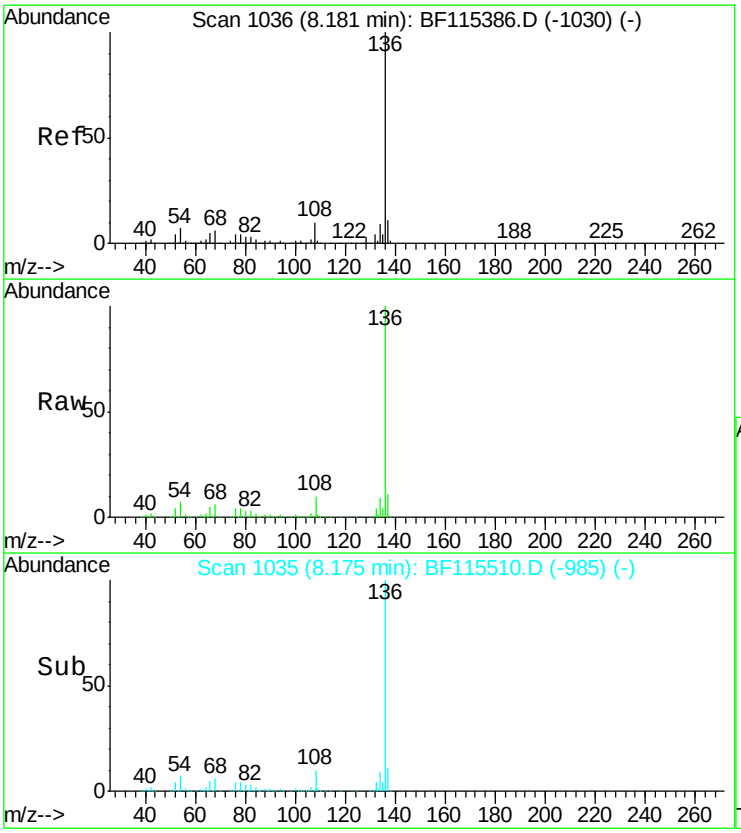
#19
n-Nitroso-di-n-propylamine
Concen: 9.821 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tgt Ion: 70 Resp: 81627

Ion	Ratio	Lower	Upper
70	100		
42	39.3	38.5	57.7
101	0.0	8.0	12.0#
130	2.1	19.1	28.7#

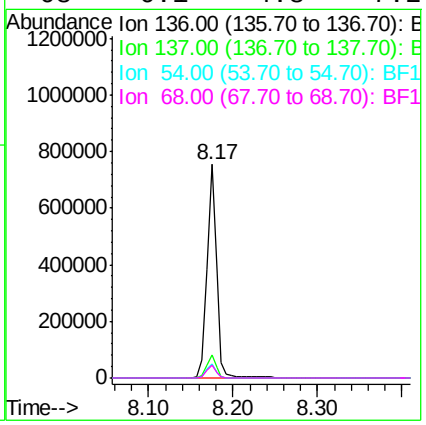


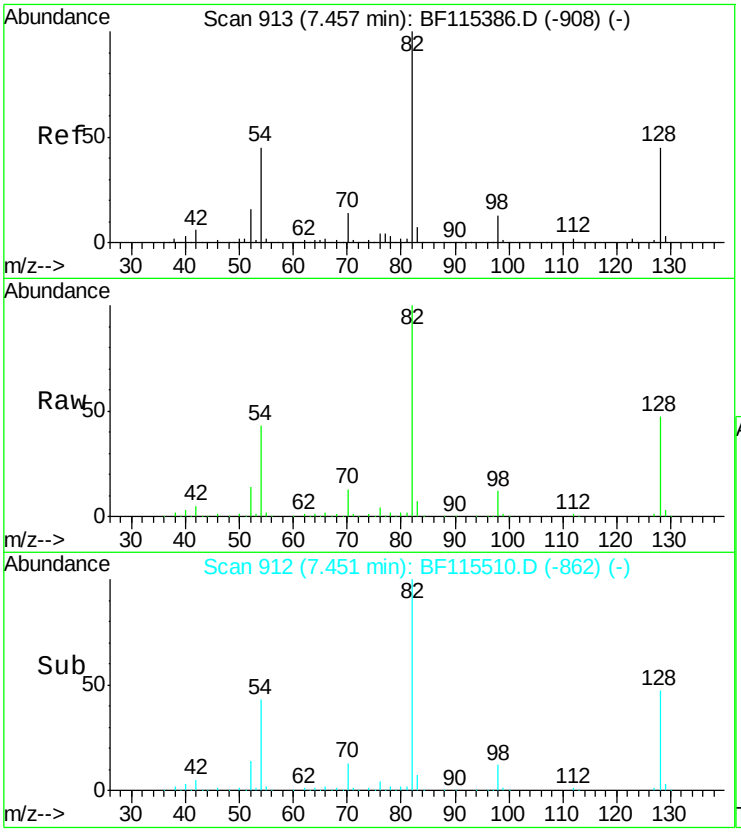


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion:136 Resp: 598426

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.7	5.4	8.0
68	6.1	4.8	7.2



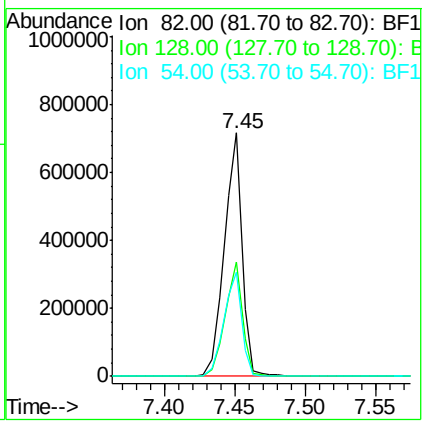


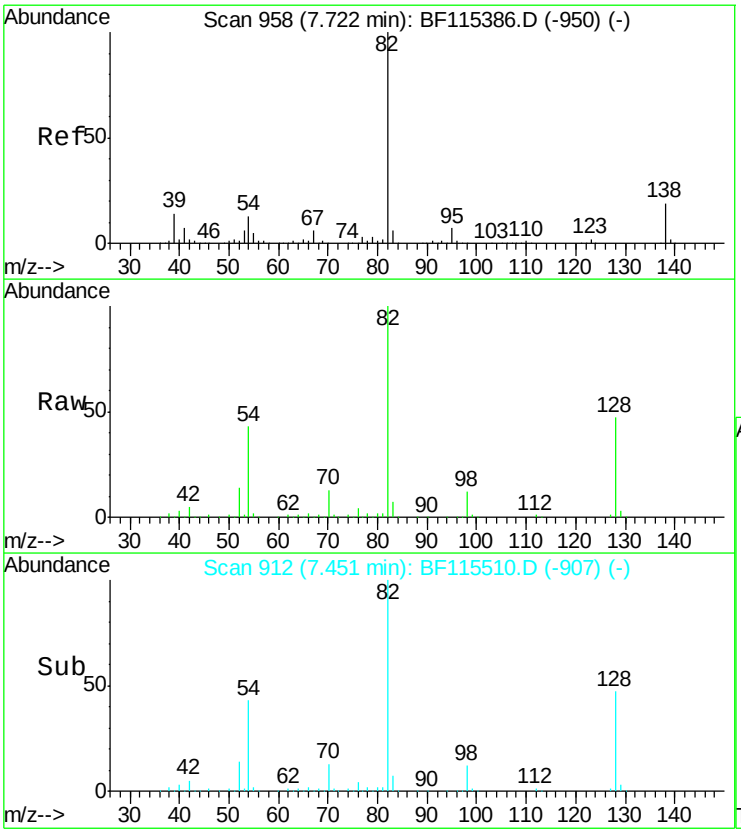
#23
Nitrobenzene-d5
Concen: 61.898 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tgt Ion: 82 Resp: 626932

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.7	55.1
54	42.7	35.6	53.4

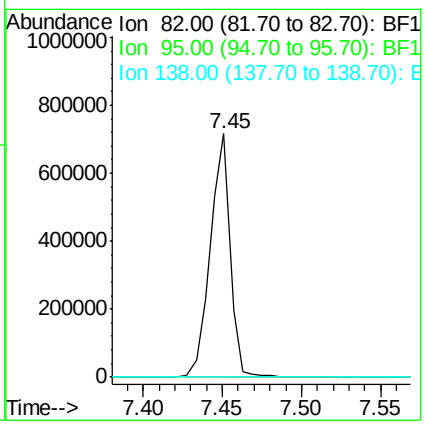


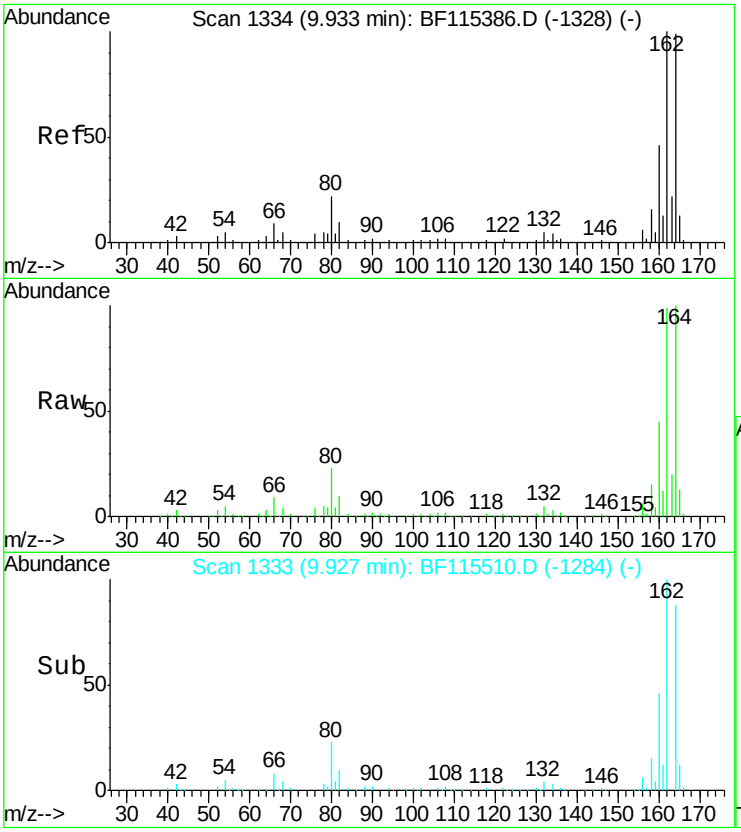


#25
Isophorone
Concen: 28.202 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.27 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion: 82 Resp: 619145

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



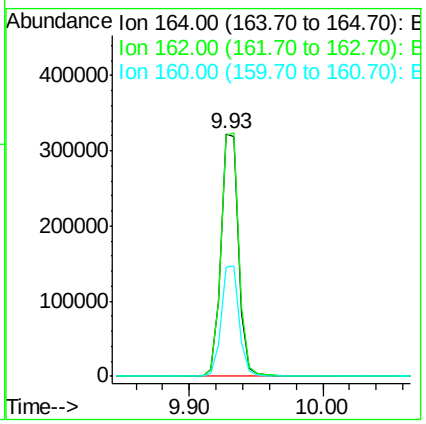


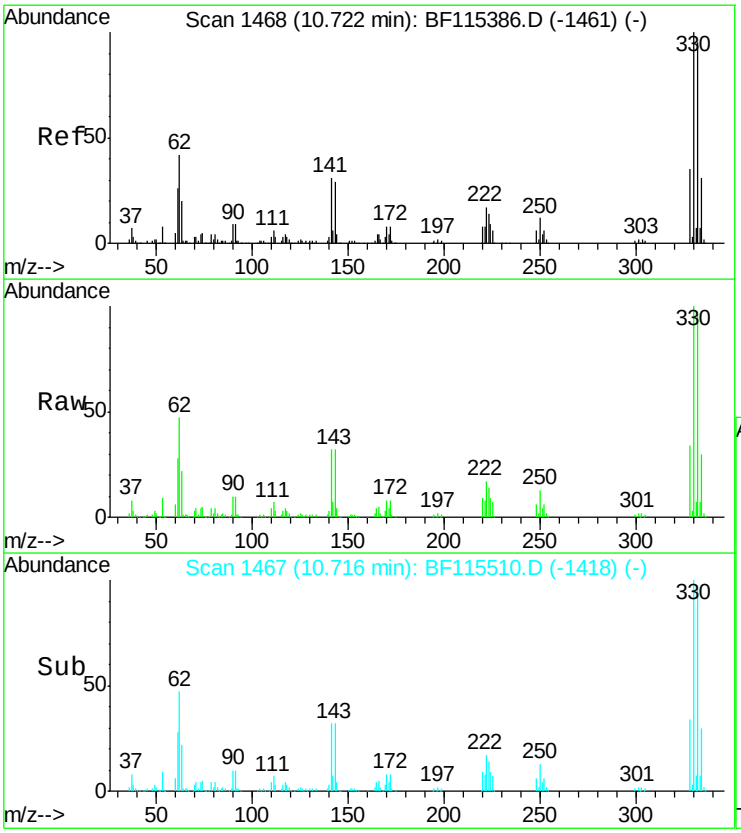
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tgt Ion:164 Resp: 302193

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.3	123.5
160	45.1	37.2	55.8

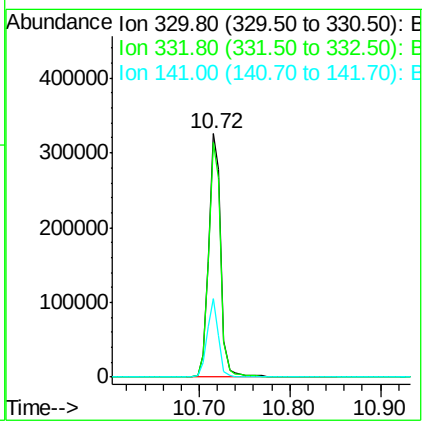


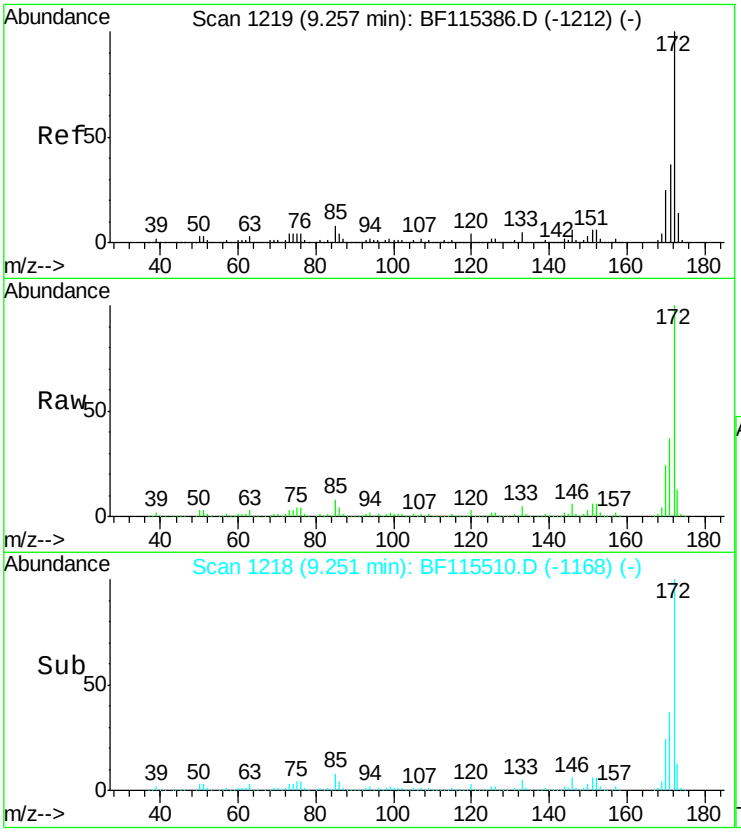


#42
2,4,6-Tribromophenol
Concen: 92.146 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion:330 Resp: 307884

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	30.4	24.7	37.1



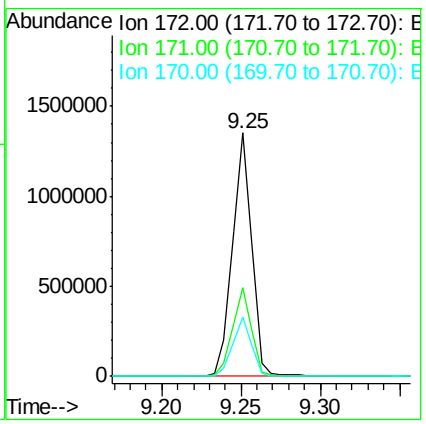


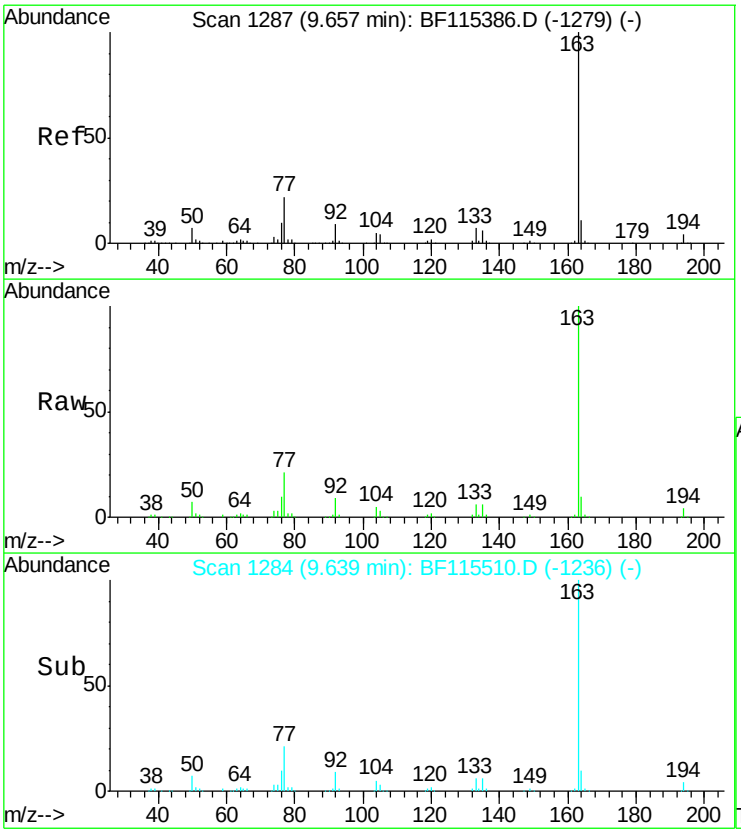
#45
2-Fluorobiphenyl
Concen: 66.651 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tgt Ion:172 Resp: 1147832

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.8
170	24.4	20.0	30.0

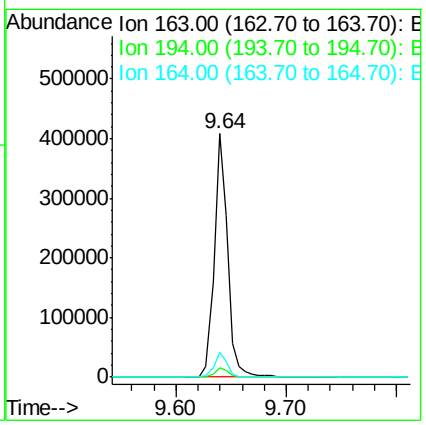


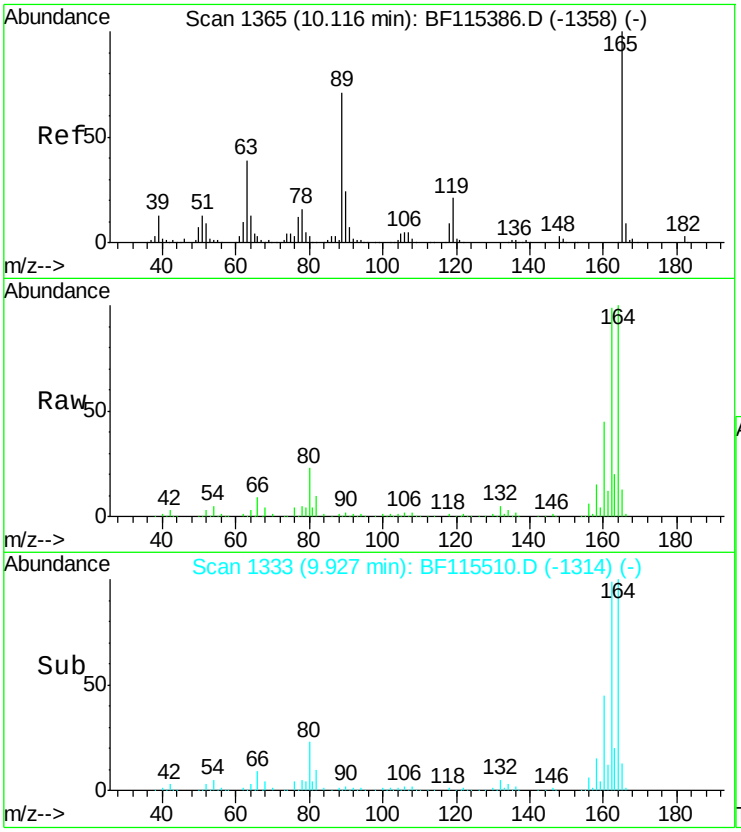


#50
Dimethylphthalate
Concen: 15.015 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion:163 Resp: 340569

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.2	8.6	13.0



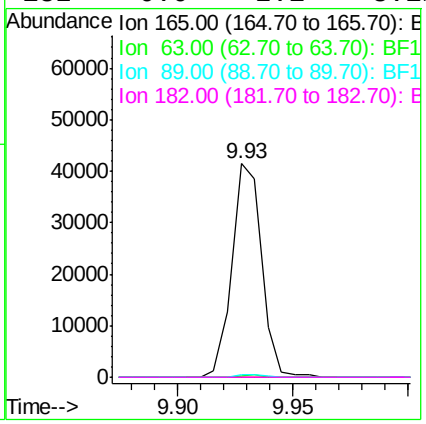


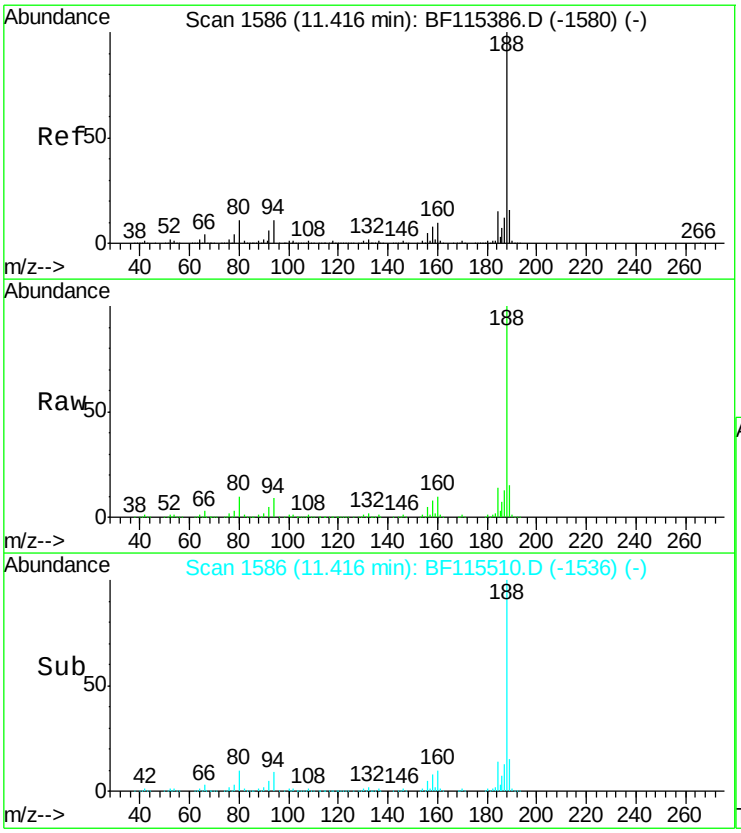
#57
2,4-Dinitrotoluene
Concen: 5.948 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tgt Ion:165 Resp: 37187

Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.0	49.4#
89	1.1	58.5	87.7#
182	0.0	2.1	3.1#

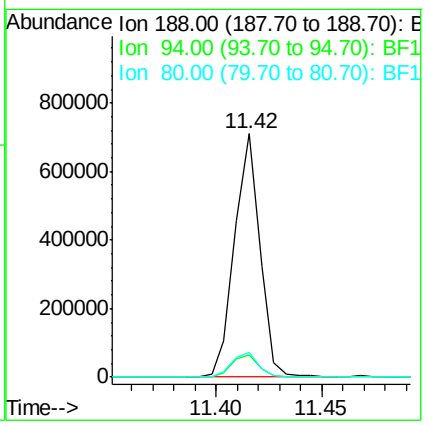


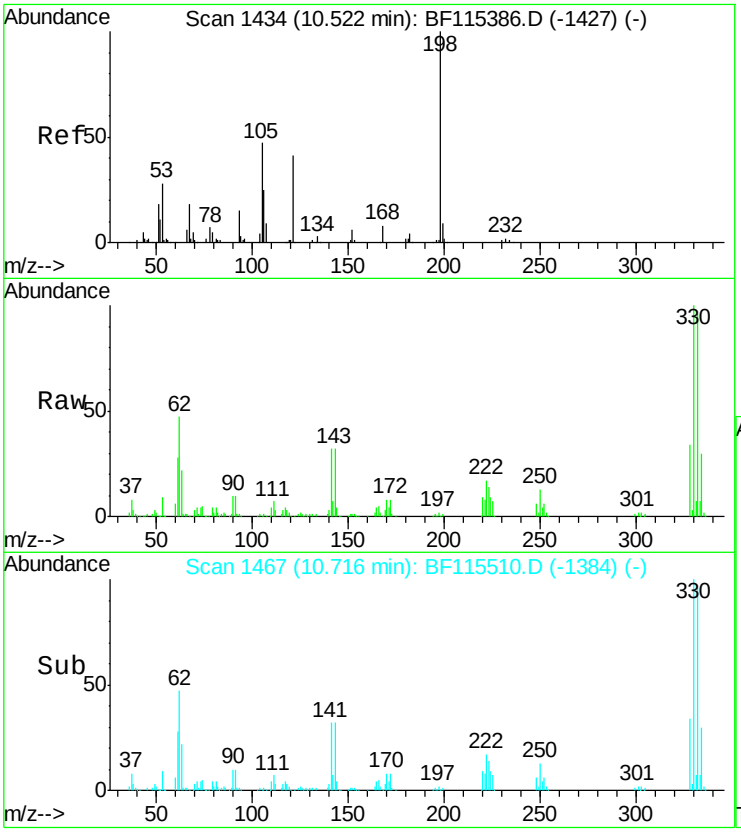


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion:188 Resp: 589965

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.8
80	10.3	8.4	12.6



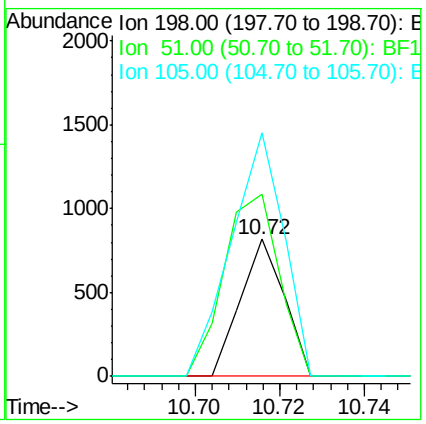


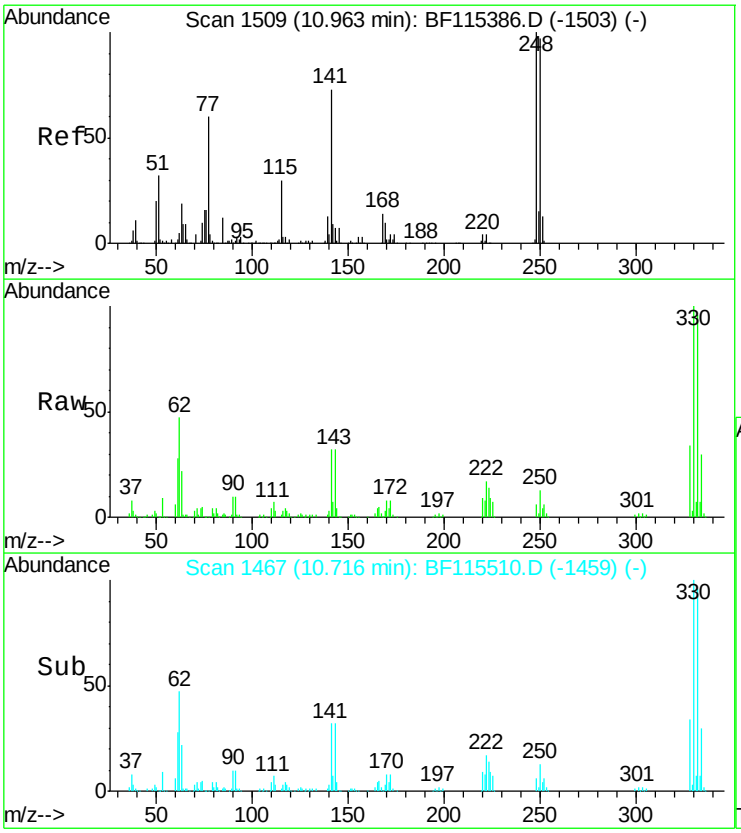
#65
4,6-Dinitro-2-methylphenol
Concen: 7.992 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tgt Ion:198 Resp: 588

Ion	Ratio	Lower	Upper
198	100		
51	132.6	20.7	60.7#
105	177.5	25.3	65.3#

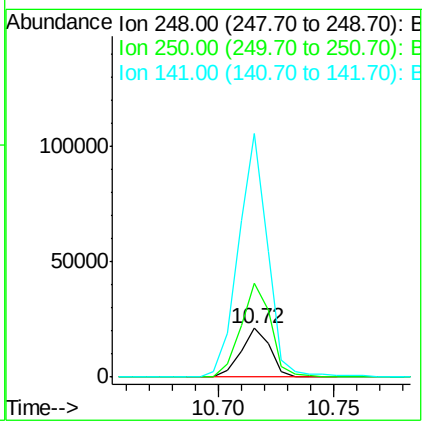


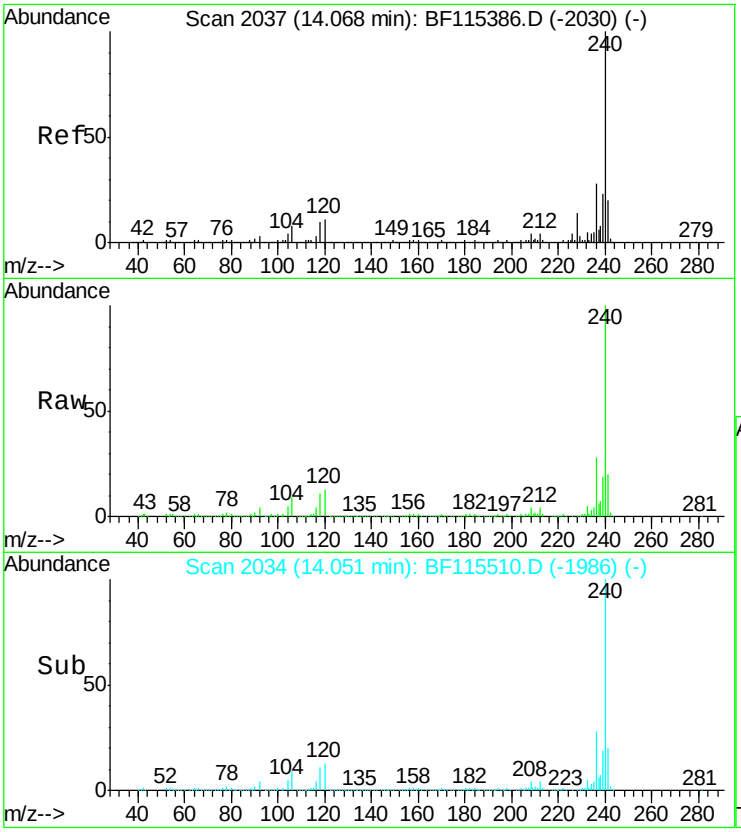


#67
4-Bromophenyl-phenylether
Concen: 2.827 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion:248 Resp: 18713

Ion	Ratio	Lower	Upper
248	100		
250	194.0	78.3	117.5#
141	500.1	52.2	78.2#



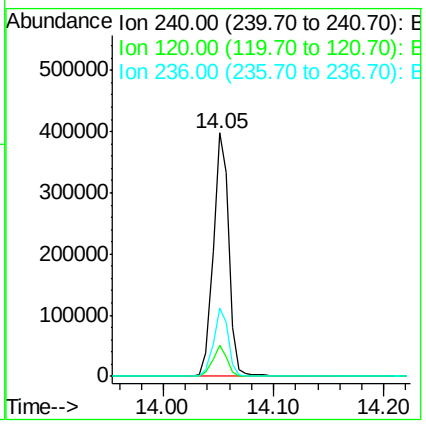


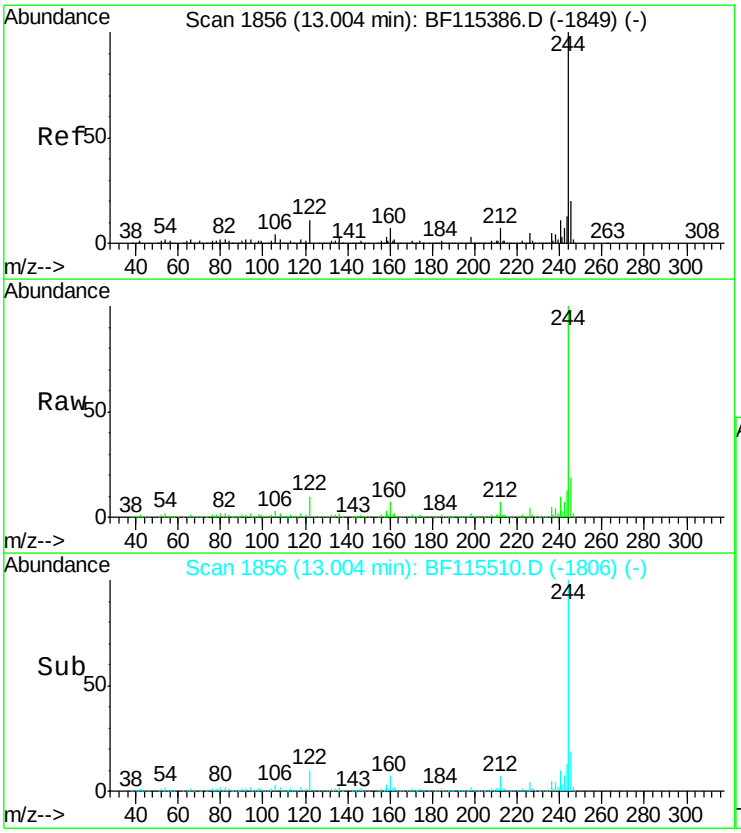
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tgt Ion:240 Resp: 383823

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.2	15.4
236	27.8	21.1	31.7

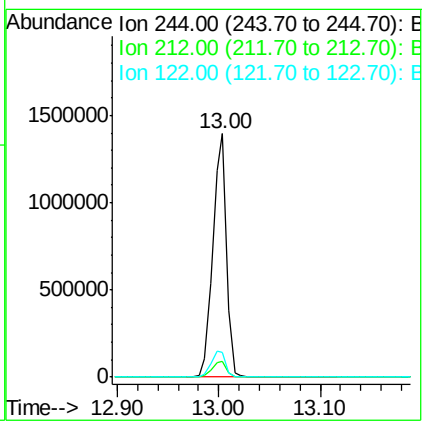


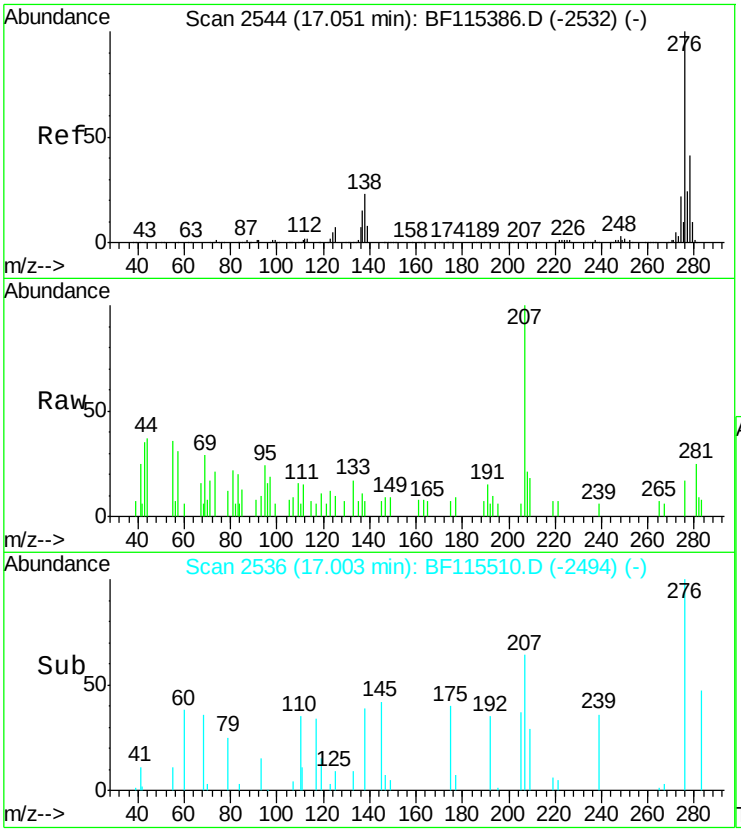


#79
Terphenyl-d14
Concen: 69.152 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion:244 Resp: 1296311

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	10.3	9.1	13.7



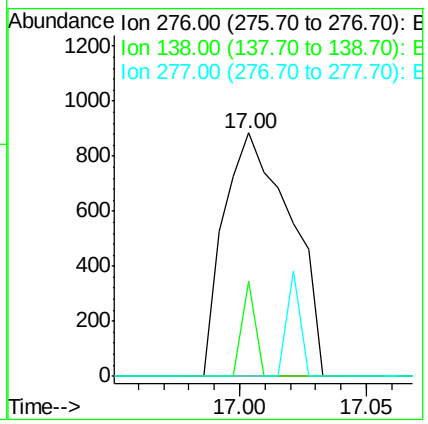


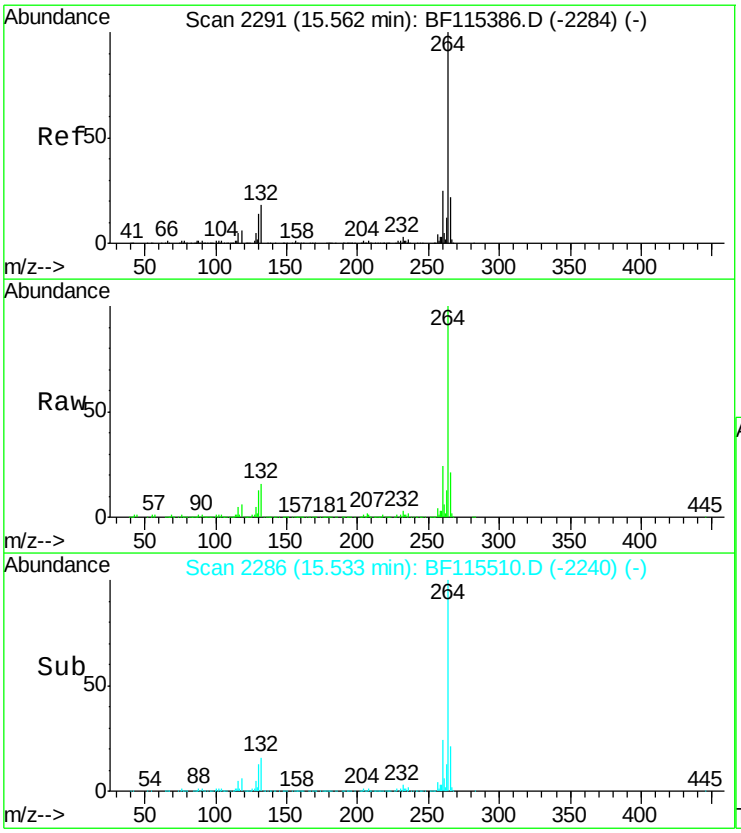
#86
Indeno(1,2,3-cd)pyrene
Concen: Below Cal
RT: 17.00 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tgt Ion:276 Resp: 1618

Ion	Ratio	Lower	Upper
276	100		
138	7.5	20.6	31.0#
277	8.3	20.2	30.2#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion:264 Resp: 434391

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	21.3	17.8	26.6