Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
Data File : BF114905.D
Acq On : 7 Jun 2019 22:16
Operator : HP/JU
Sample : K3214-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5A

Quant Time: Jun 08 05:18:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	346178	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	1328964	20.00	ng	-0.01
39) Acenaphthene-d10	9.68	164	664222	20.00	ng	-0.02
64) Phenanthrene-d10	11.16	188	1286022	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	1044838	20.00	ng	-0.02
87) Perylene-d12	15.15	264	1077822	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.30	99	1206	0.05	ng	0.00
23) Nitrobenzene-d5	7.22	82	1839093	85.19	ng	-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.02	172	3309391	93.33	ng	-0.01
79) Terphenyl-d14	12.74	244	3688249	68.65	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	246777	15.465	ng	# 78
25) Isophorone	7.22	82	1788630	41.908	ng	# 61
57) 2,4-Dinitrotoluene	9.68	165	84180	5.869	ng	# 33
58) Fluorene	10.23	166	15458	Below Cal		95

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

Quantitation Report (Not Reviewed)

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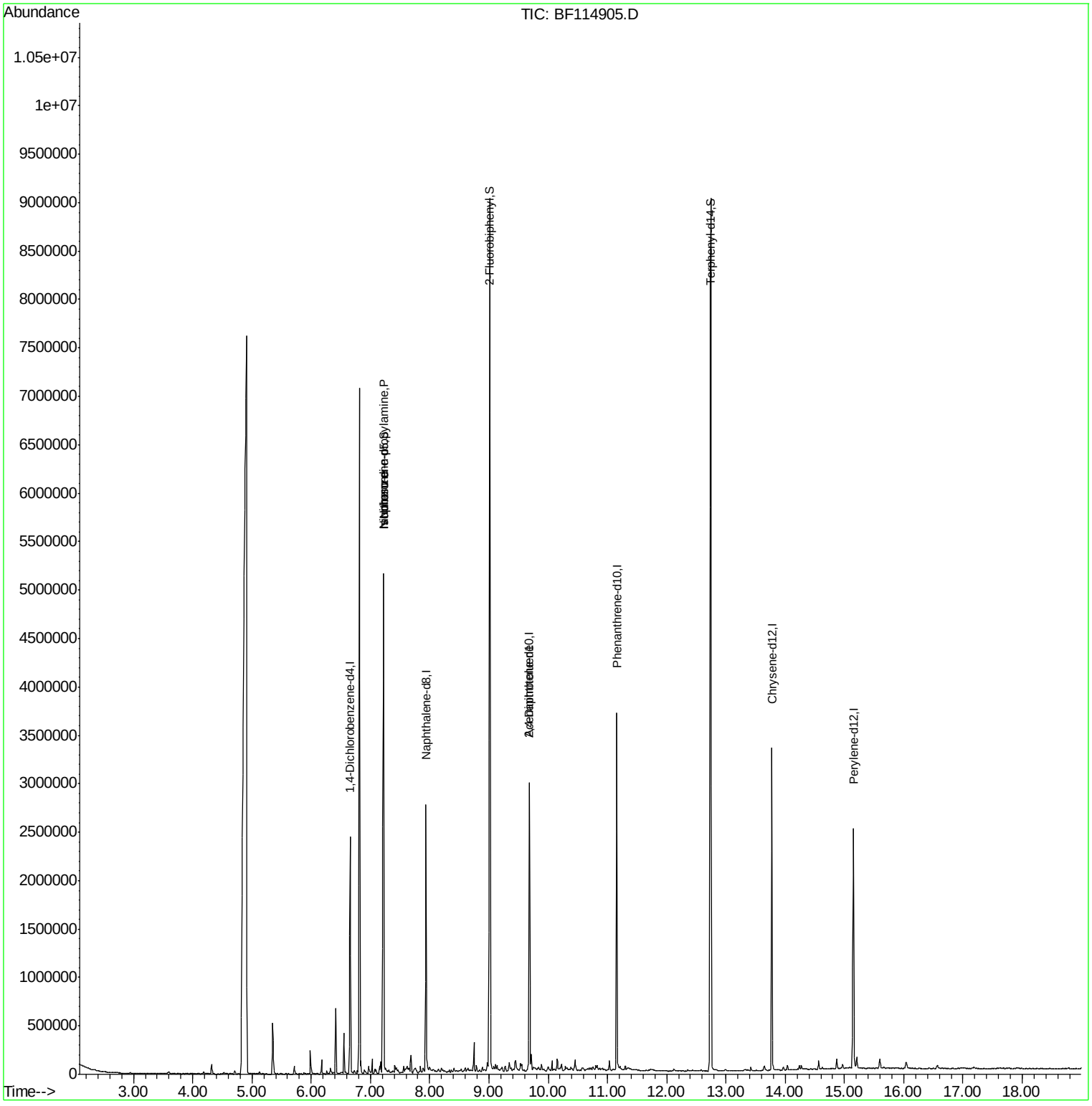
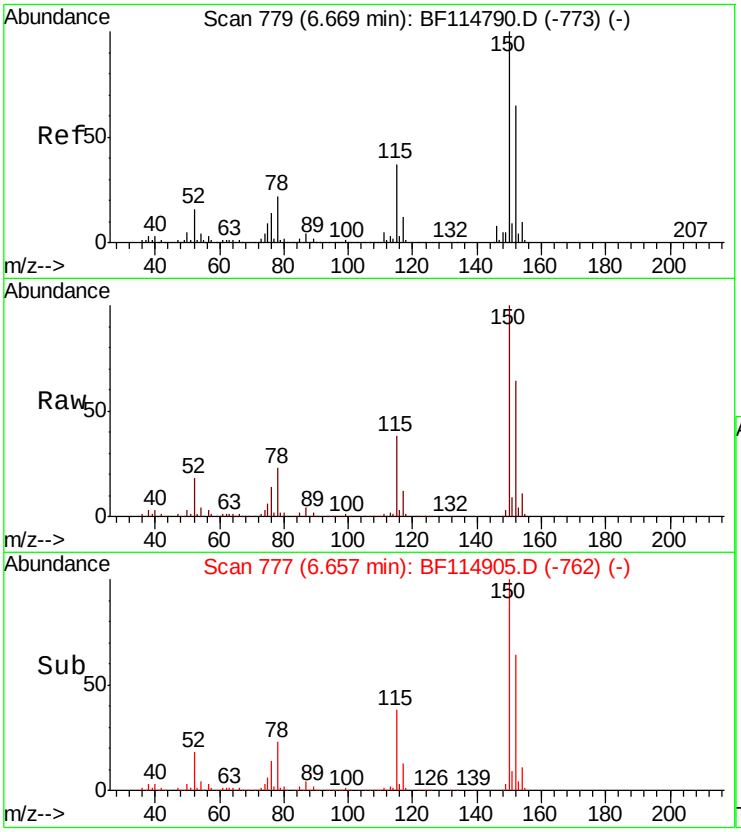


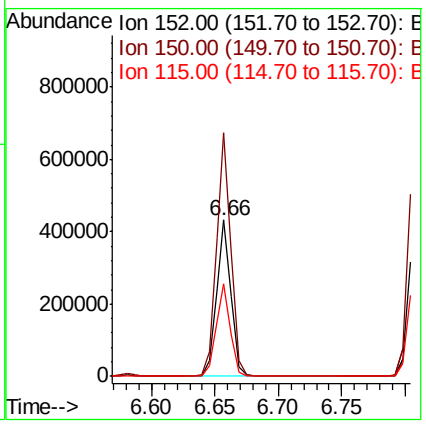


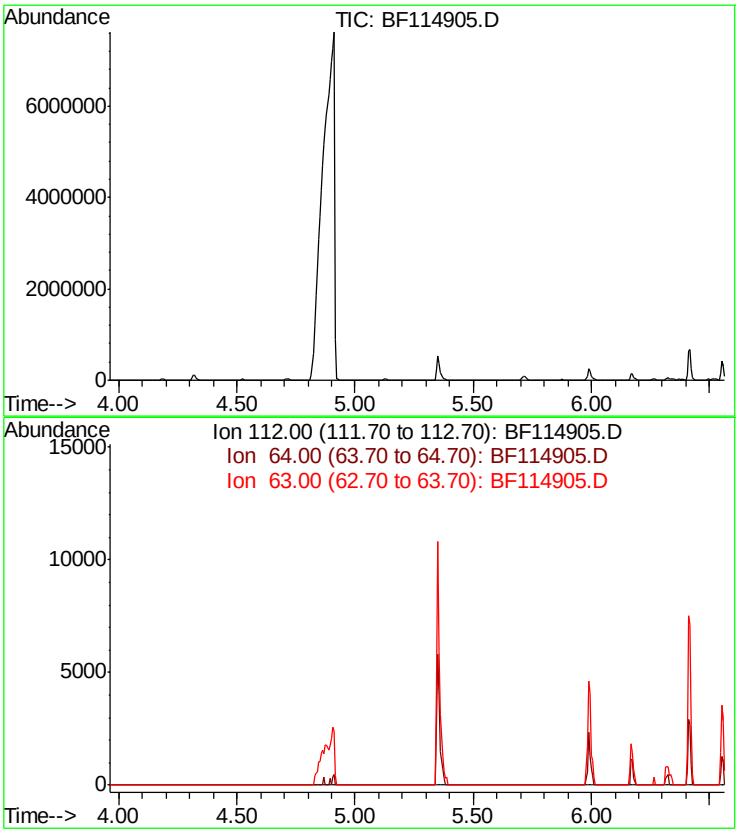
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Instrument :
BNA_F
ClientSampleId :
MW-5A

Tgt Ion:152 Resp: 346178

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.0	186.0
115	59.2	46.3	69.5



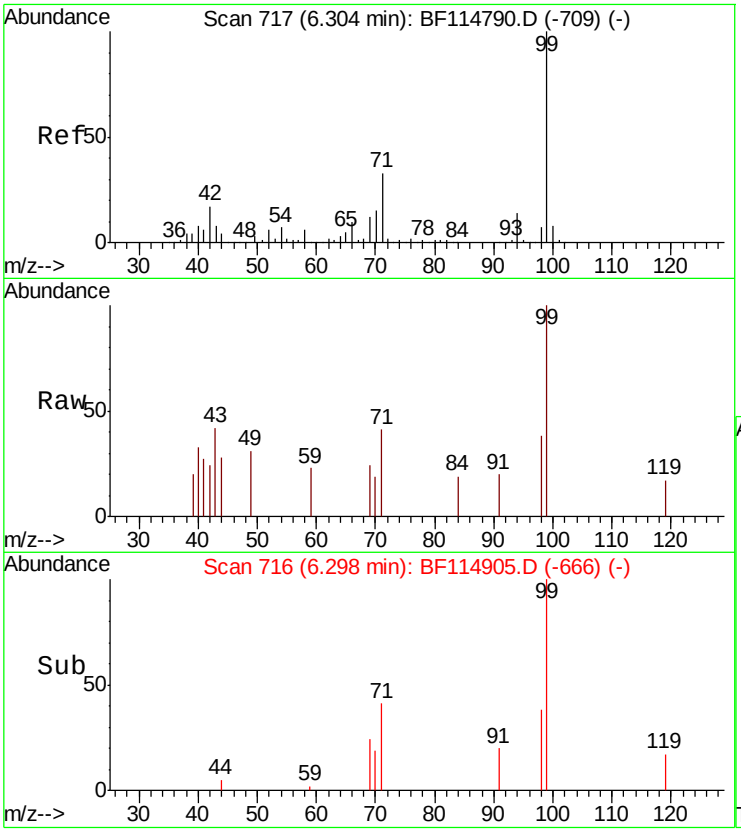


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.26 min

Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.7
63	28.7

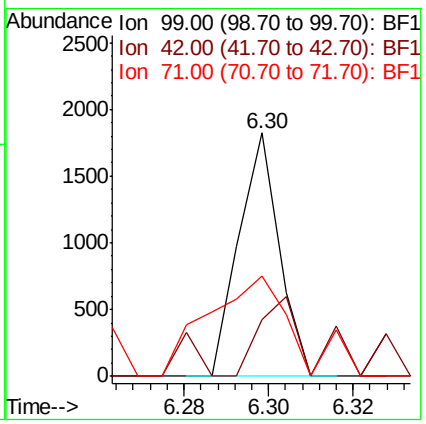


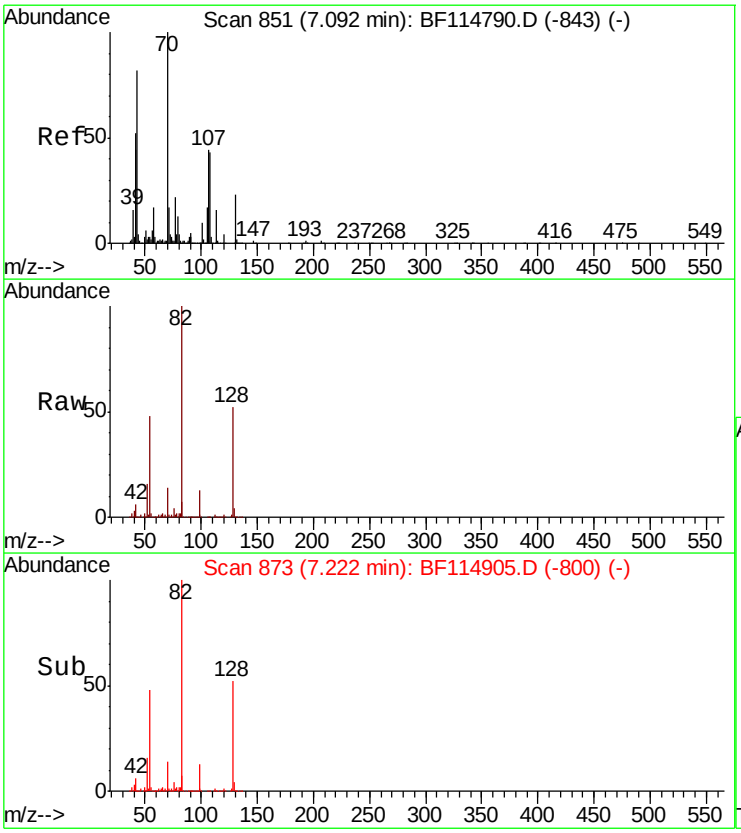
#7
Phenol-d6
Concen: 0.050 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Instrument :
BNA_F
ClientSampleId :
MW-5A

Tgt Ion: 99 Resp: 1206

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.3	19.9#
71	41.2	26.3	39.5#

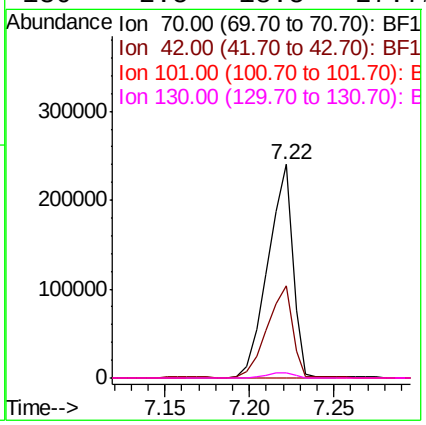


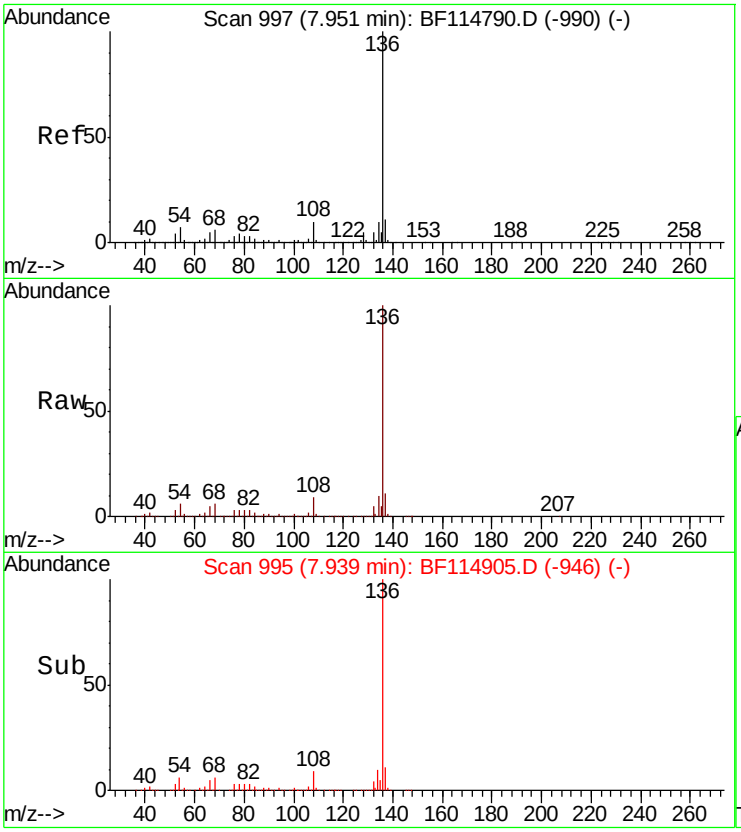


#19
n-Nitroso-di-n-propylamine
Concen: 15.465 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Tgt Ion: 70 Resp: 246777

Ion	Ratio	Lower	Upper
70	100		
42	43.4	41.8	62.8
101	0.0	8.2	12.4#
130	2.5	18.5	27.7#



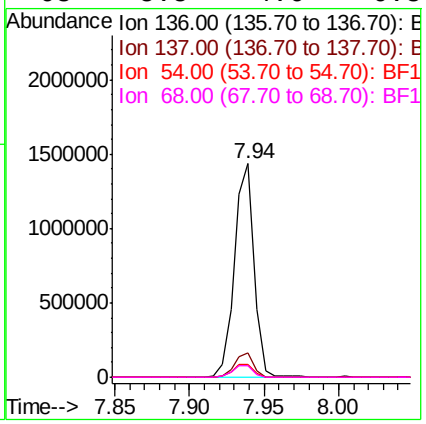


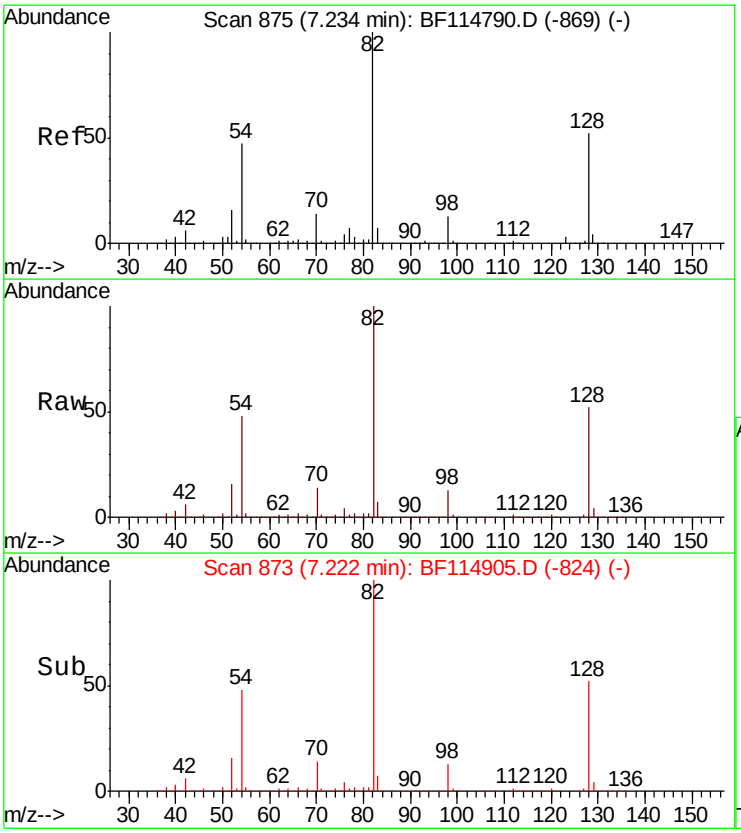
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Instrument :
BNA_F
ClientSampleId :
MW-5A

Tgt Ion:136 Resp: 1328964

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.2	5.4	8.0
68	5.5	4.6	6.8

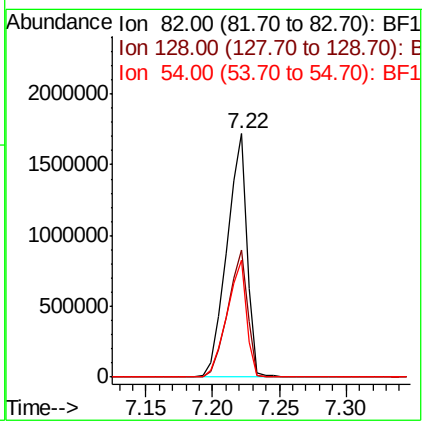


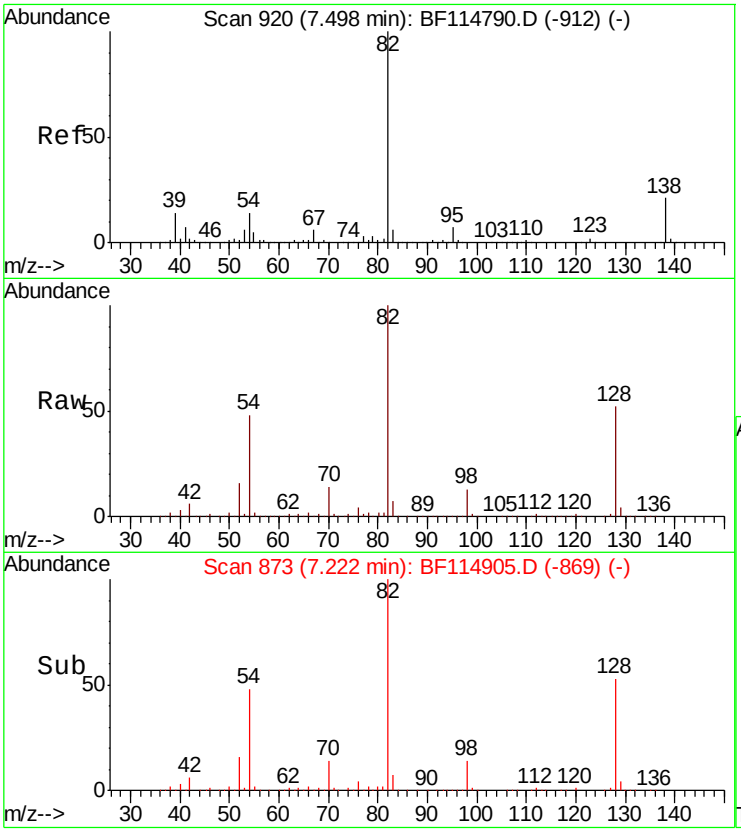


#23
Nitrobenzene-d5
Concen: 85.188 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Tgt Ion: 82 Resp: 1839093

Ion	Ratio	Lower	Upper
82	100		
128	52.0	41.8	62.6
54	47.8	37.9	56.9



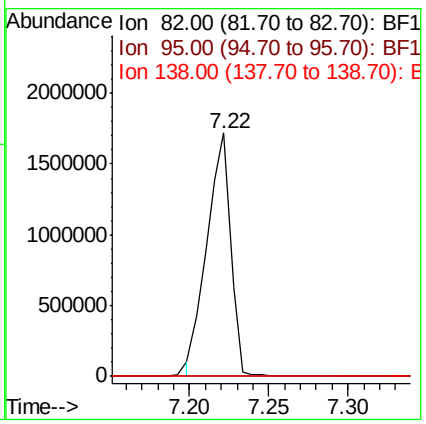


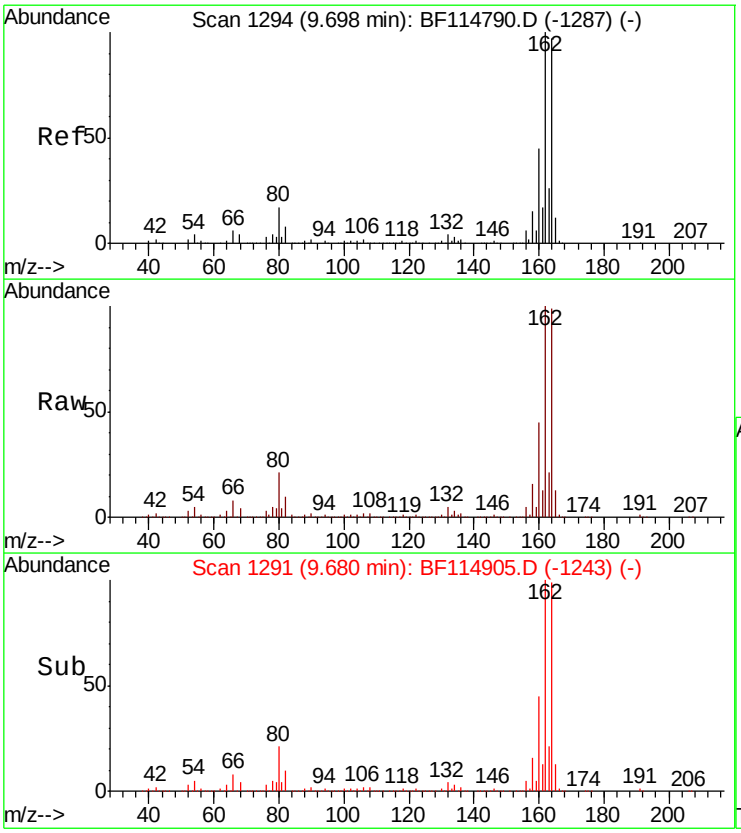
#25
Isophorone
Concen: 41.908 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Instrument :
BNA_F
ClientSampleId :
MW-5A

Tgt Ion: 82 Resp: 1788630

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.9	25.3#

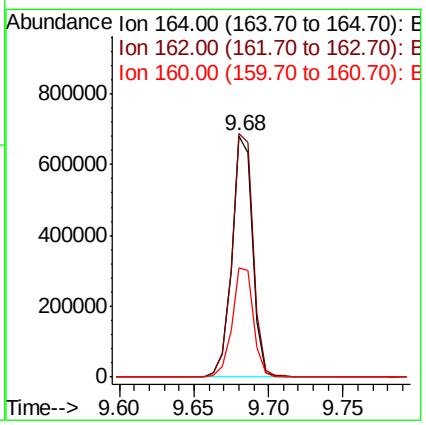


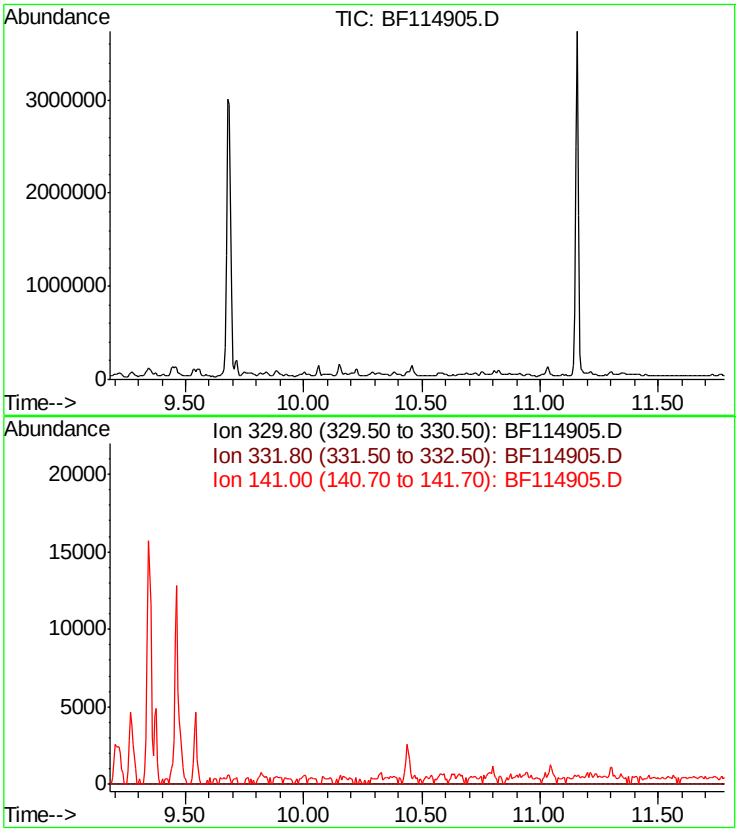


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Tgt Ion:164 Resp: 664222

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.3	123.5
160	45.3	36.7	55.1





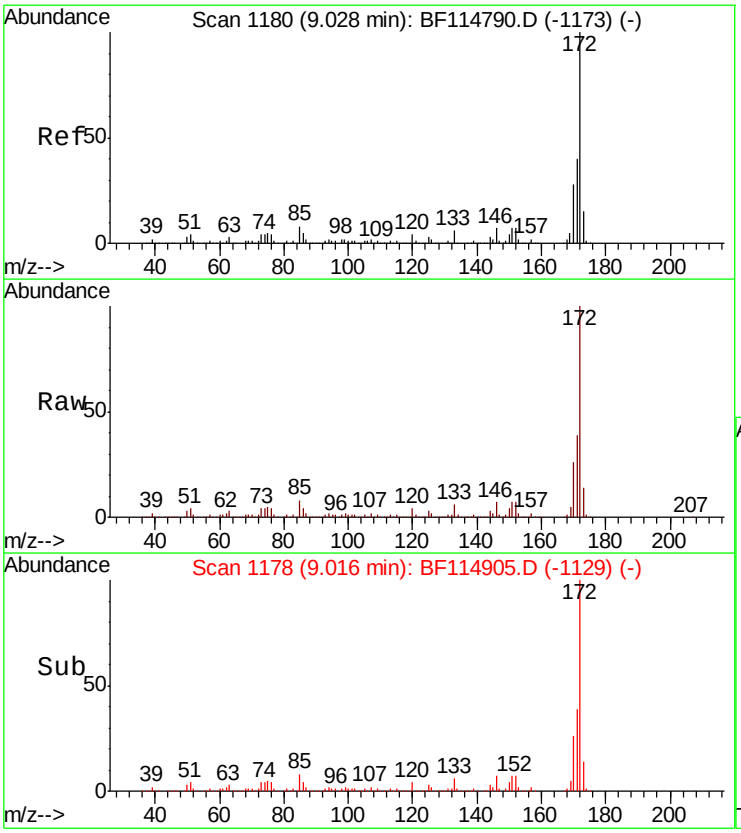
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.48 min

Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	32.8

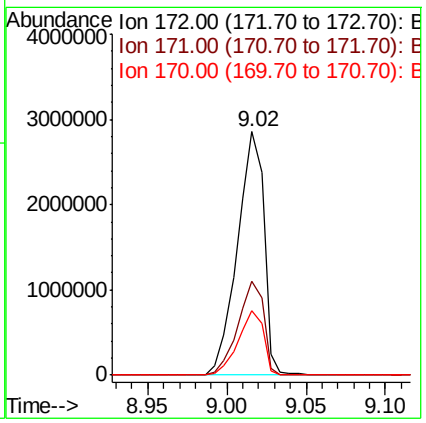
Instrument :
BNA_F
ClientSampleId :
MW-5A

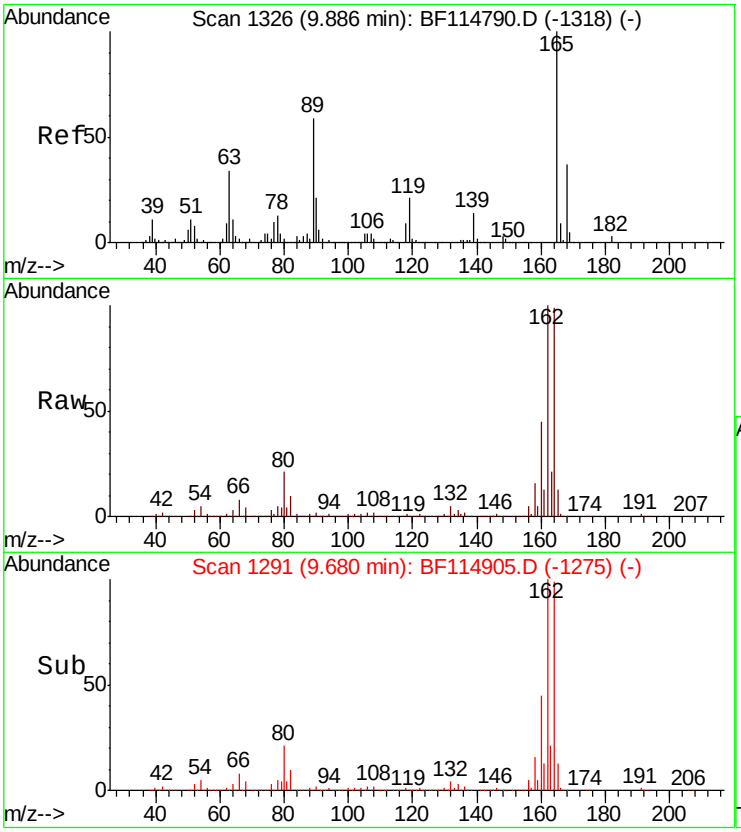


#45
2-Fluorobiphenyl
Concen: 93.333 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Tgt Ion:172 Resp: 3309391

Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.3	48.5
170	26.3	22.4	33.6



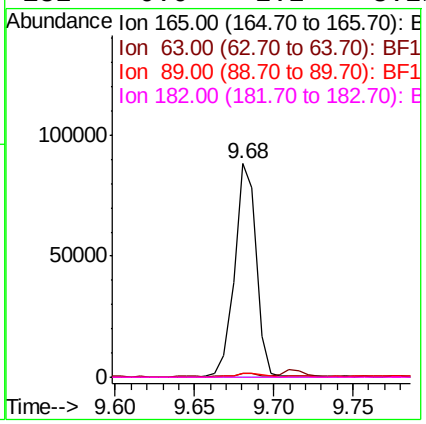


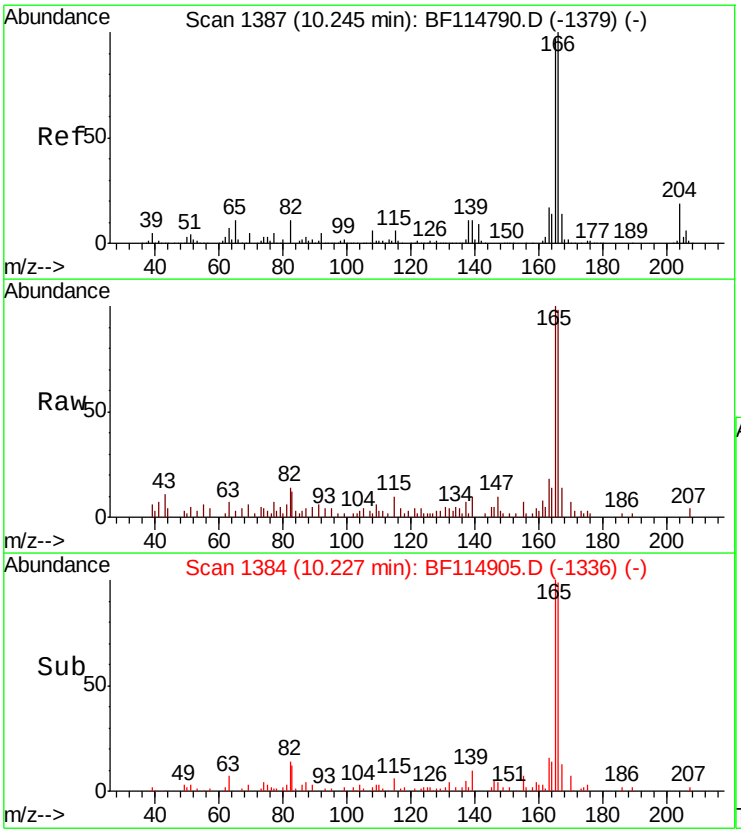
#57
2,4-Dinitrotoluene
Concen: 5.869 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.21 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Instrument :
BNA_F
ClientSampleId :
MW-5A

Tgt Ion:165 Resp: 84180

Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.0	40.4#
89	1.7	47.0	70.6#
182	0.0	2.2	3.2#

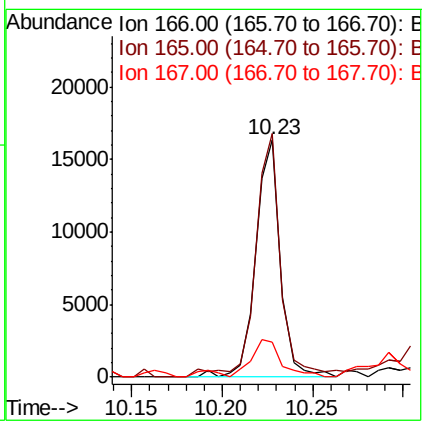


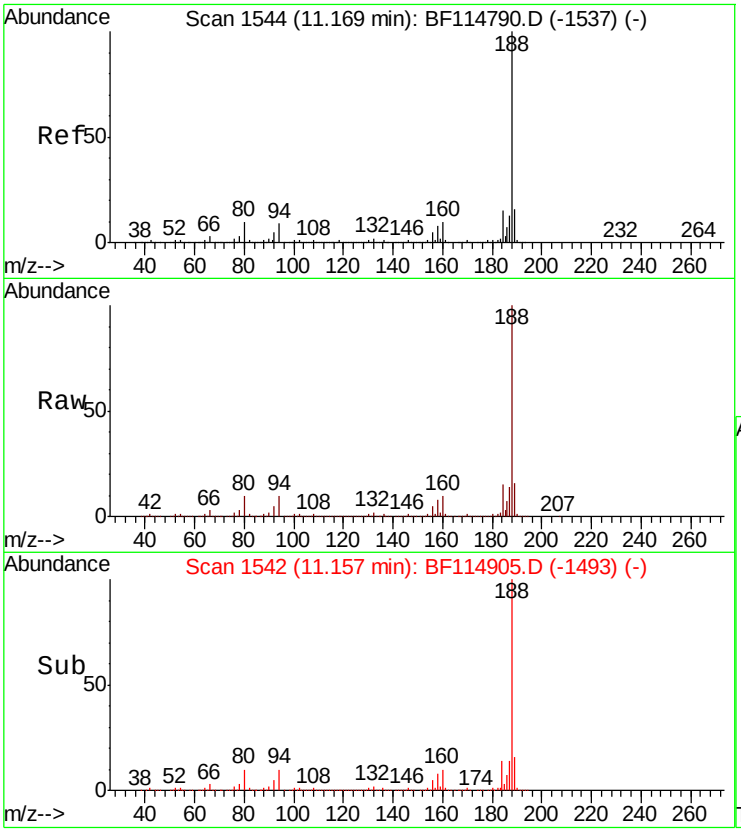


#58
Fluorene
Concen: Below Cal
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Tgt Ion:166 Resp: 15458

Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.9	116.9
167	14.7	11.3	16.9



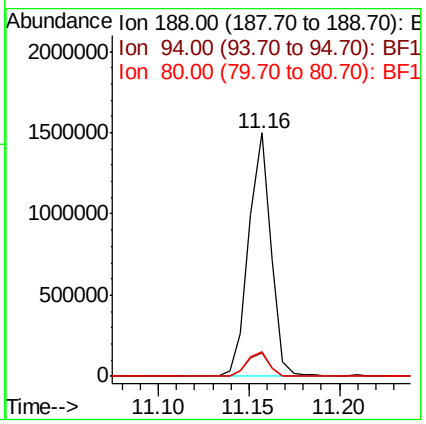


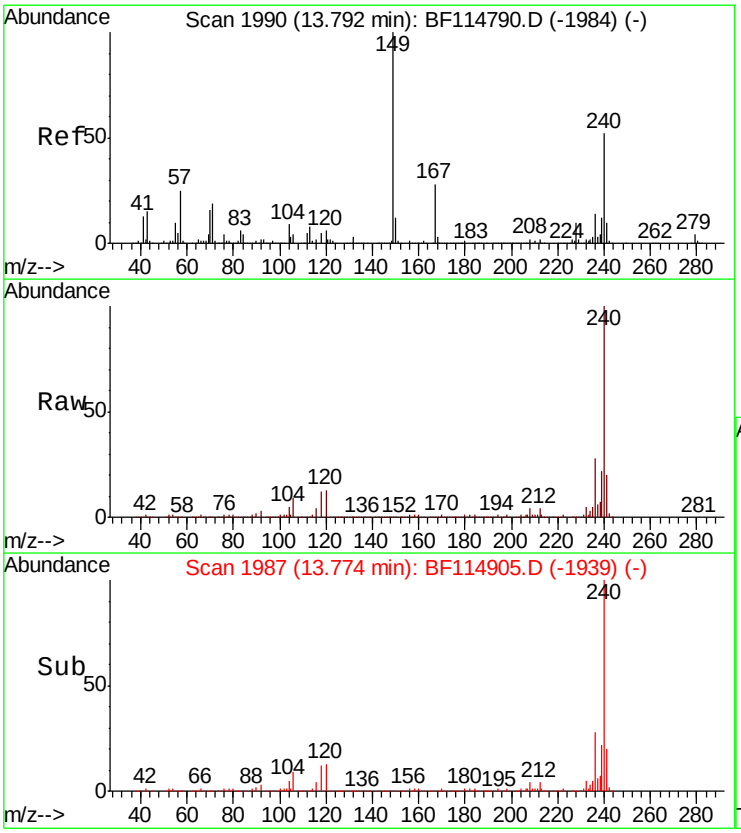
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Instrument :
BNA_F
ClientSampleId :
MW-5A

Tgt Ion:188 Resp: 1286022

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	10.0	8.3	12.5

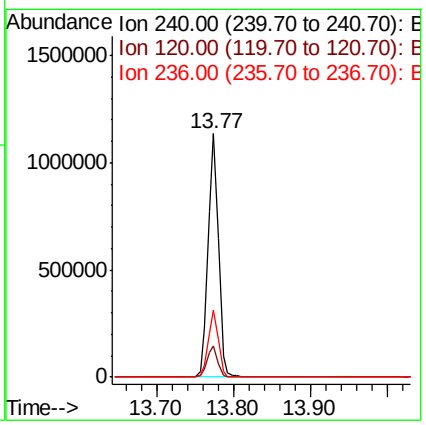


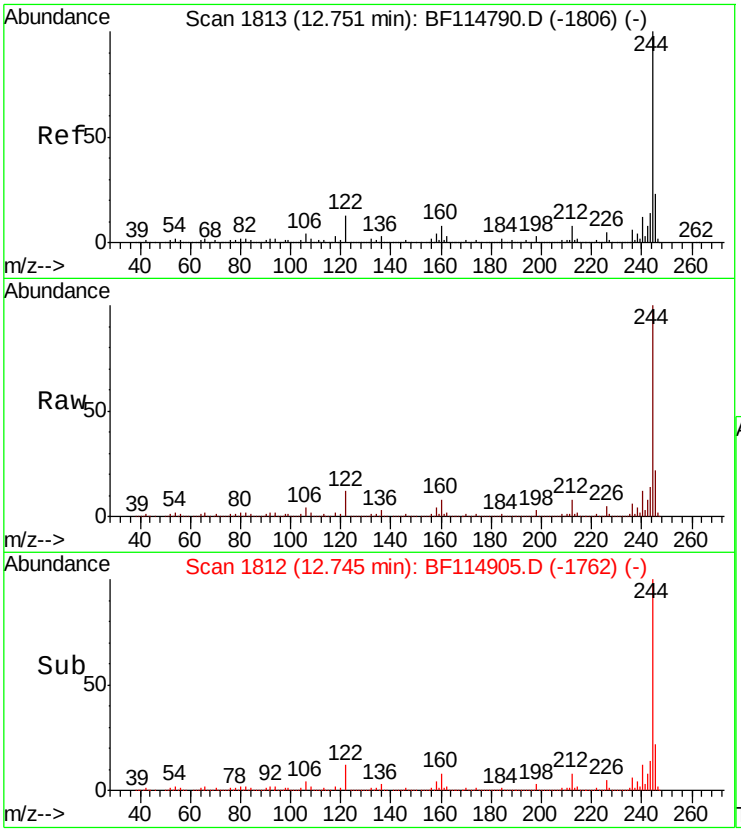


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Tgt Ion:240 Resp: 1044838

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.0	13.4
236	27.5	21.4	32.0



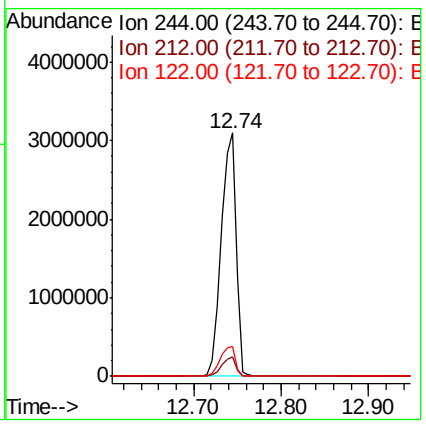


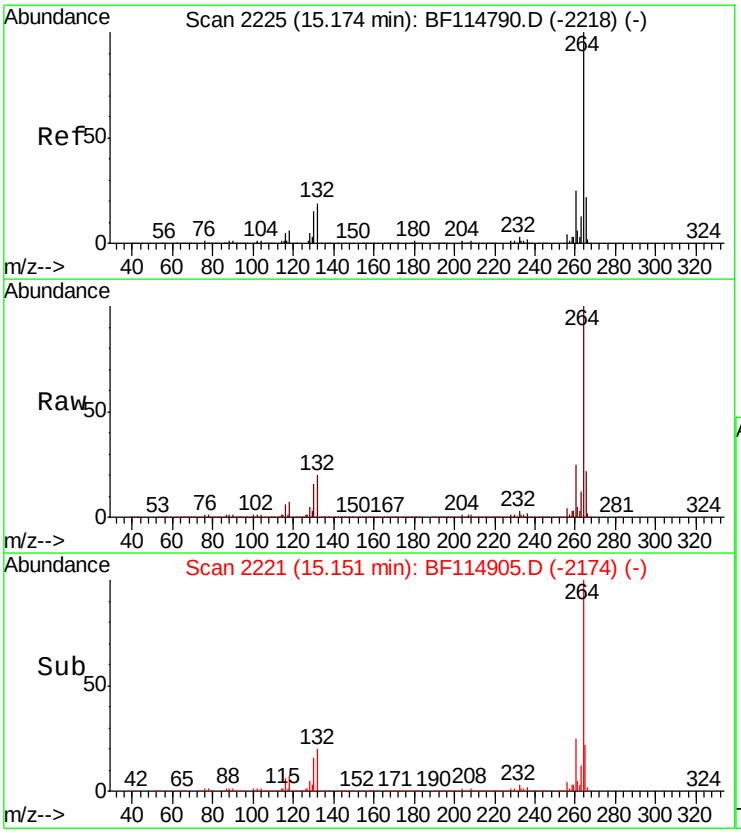
#79
Terphenyl-d14
Concen: 68.649 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Instrument :
BNA_F
ClientSampleId :
MW-5A

Tgt Ion:244 Resp: 3688249

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	12.3	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF114905.D
Acq: 7 Jun 2019 22:16

Tgt Ion:264 Resp: 1077822

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	22.4	17.7	26.5