Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116281.D
Acq On : 15 Aug 2019 16:08
Operator : HP/JU
Sample : K4329-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-PIT

Quant Time: Aug 16 03:08:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	4742	20.00	ng	-0.01
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.13
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.89
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.37
76) Chrysene-d12	14.02	240	1705	20.00	ng	0.00
87) Perylene-d12	0.00	264	0	0.00	ng	-15.47
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	131641	464.73	ng	-0.02
7) Phenol-d6	6.46	99	216372	605.43	ng	-0.03
23) Nitrobenzene-d5	7.38	82	488331	0.00	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	65521	0.00	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	852395	0.00	ng	-0.04
79) Terphenyl-d14	12.91	244	613738	7585.03	ng	-0.04
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	6584	26.700	ng	# 72
10) Phenol	6.48	94	7195	17.096	ng	# 71
15) Benzyl Alcohol	6.97	79	8362	30.831	ng	# 47
19) n-Nitroso-di-n-propylamine	7.38	70	63779	287.988	ng	# 80
77) Benzidine	12.91	184	8102	140.655	ng	# 96
78) Pyrene	12.80	202	956	7.438	ng	# 56
81) Benzo(a)anthracene	14.01	228	899	8.249	ng	# 50
83) Chrysene	14.04	228	2510	23.724	ng	# 82
84) Bis(2-ethylhexyl)phthalate	13.94	149	3997	56.575	ng	# 98
85) Di-n-octyl phthalate	14.59	149	431	3.841	ng	# 77

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

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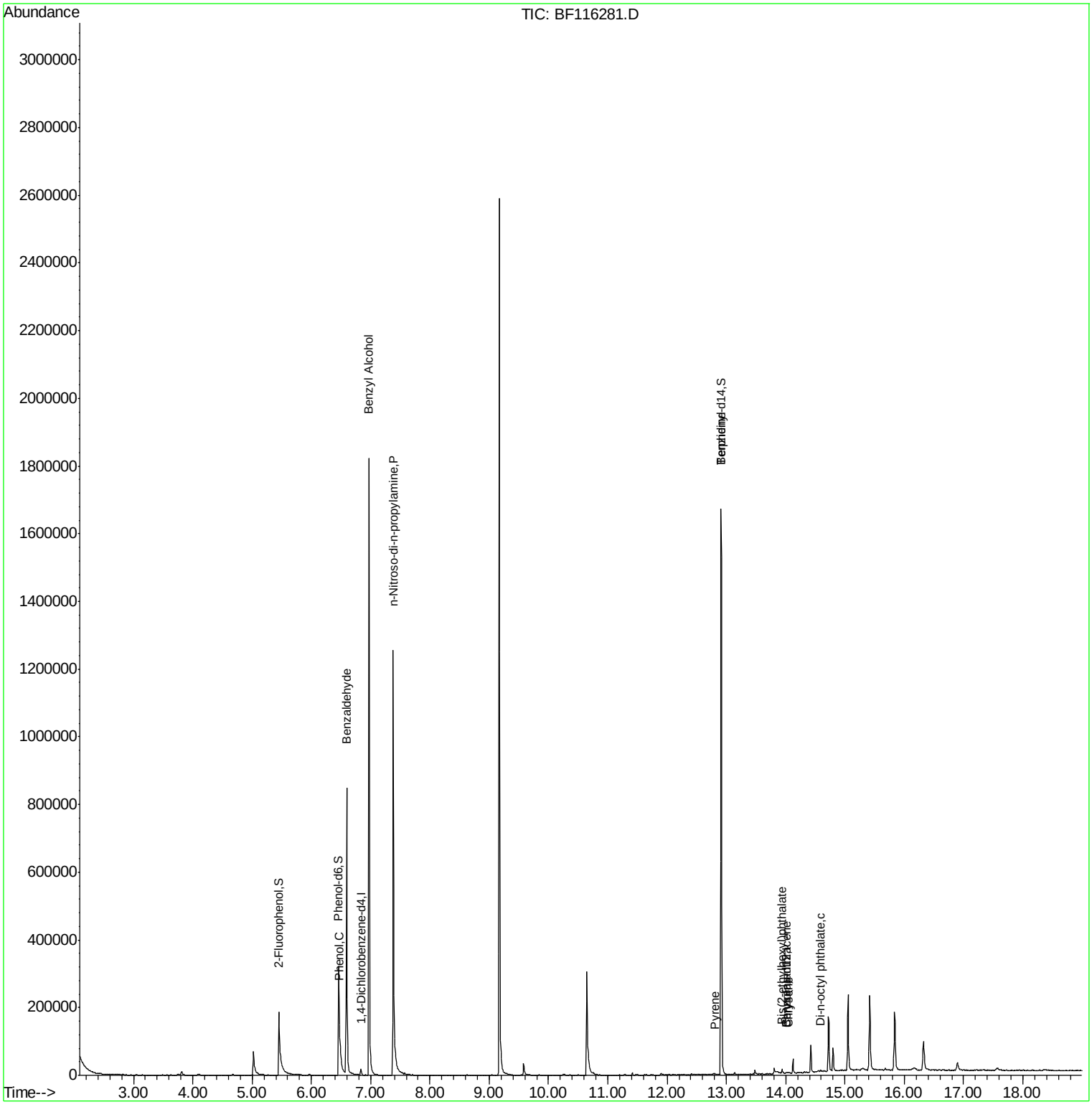
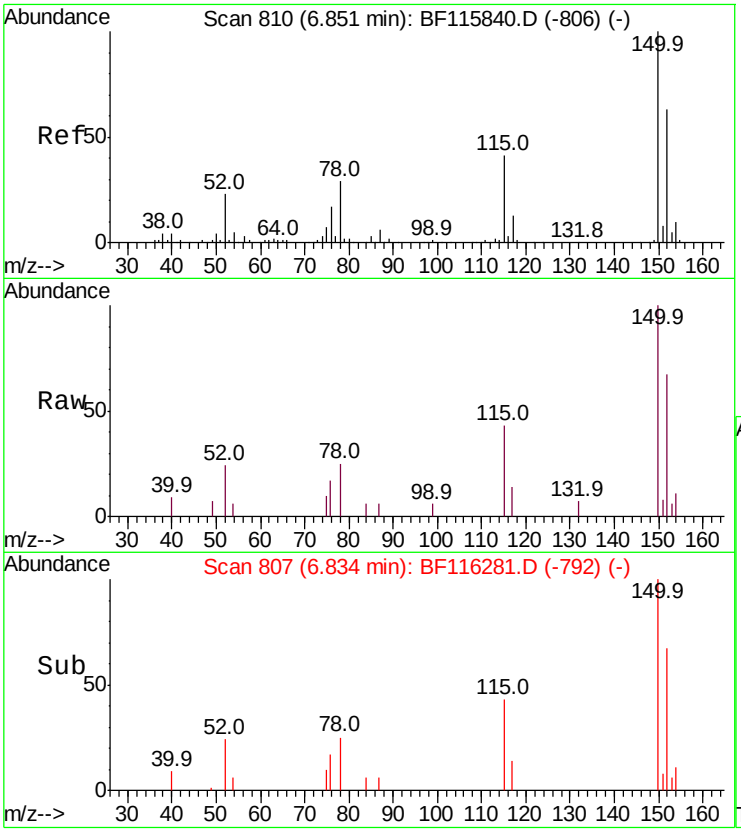


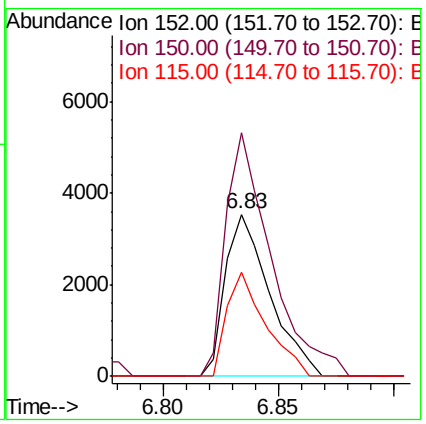


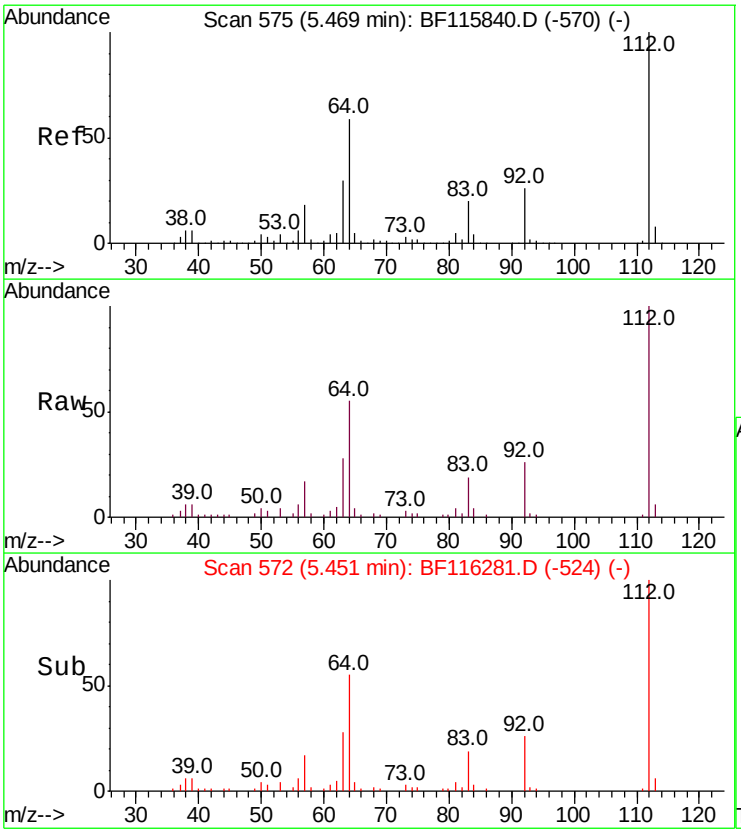
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Instrument :
BNA_F
ClientSampleId :
WATER-PIT

Tgt Ion:152 Resp: 4742

Ion	Ratio	Lower	Upper
152	100		
150	150.1	126.2	189.2
115	64.1	49.9	74.9

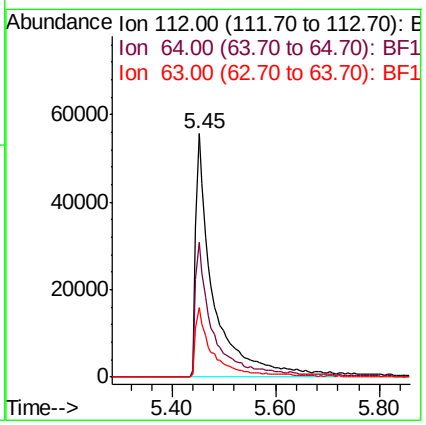


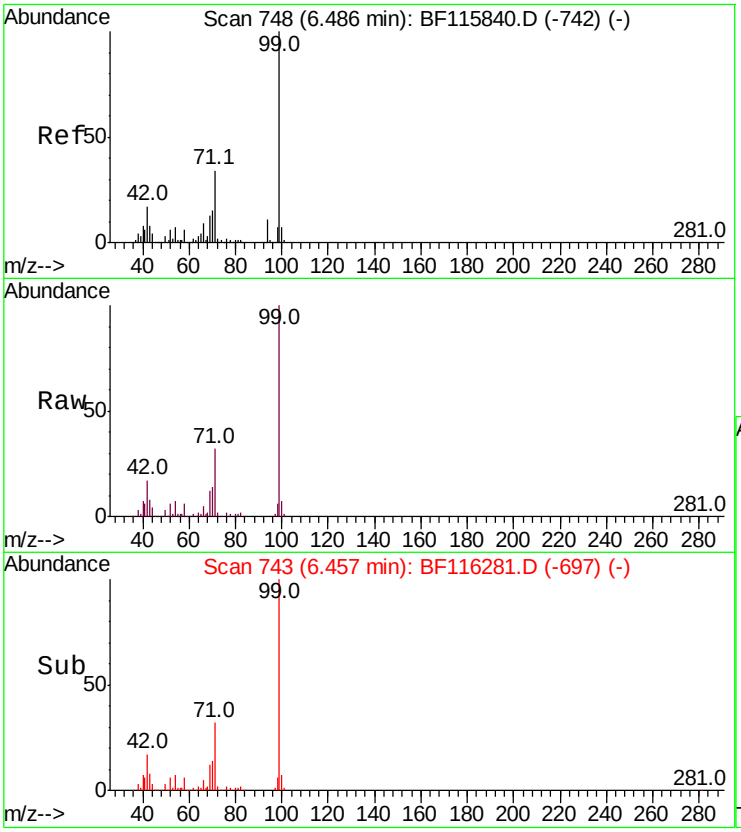


#5
2-Fluorophenol
Concen: 464.730 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Tgt Ion:112 Resp: 131641

Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.4	68.2
63	28.4	23.7	35.5



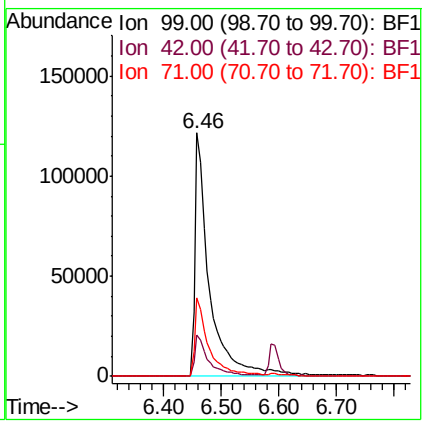


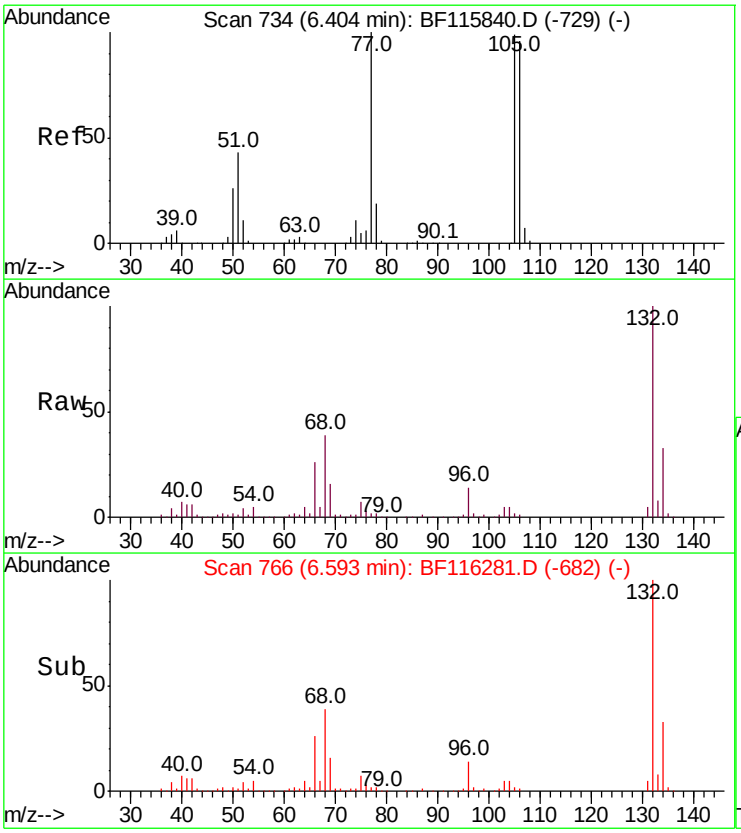
#7
Phenol-d6
Concen: 605.429 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Instrument :
BNA_F
ClientSampleId :
WATER-PIT

Tgt Ion: 99 Resp: 216372

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.8
71	32.3	27.3	40.9

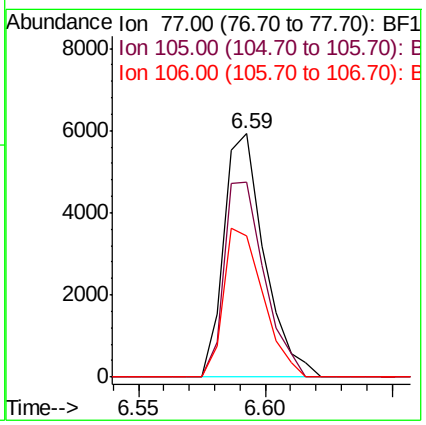


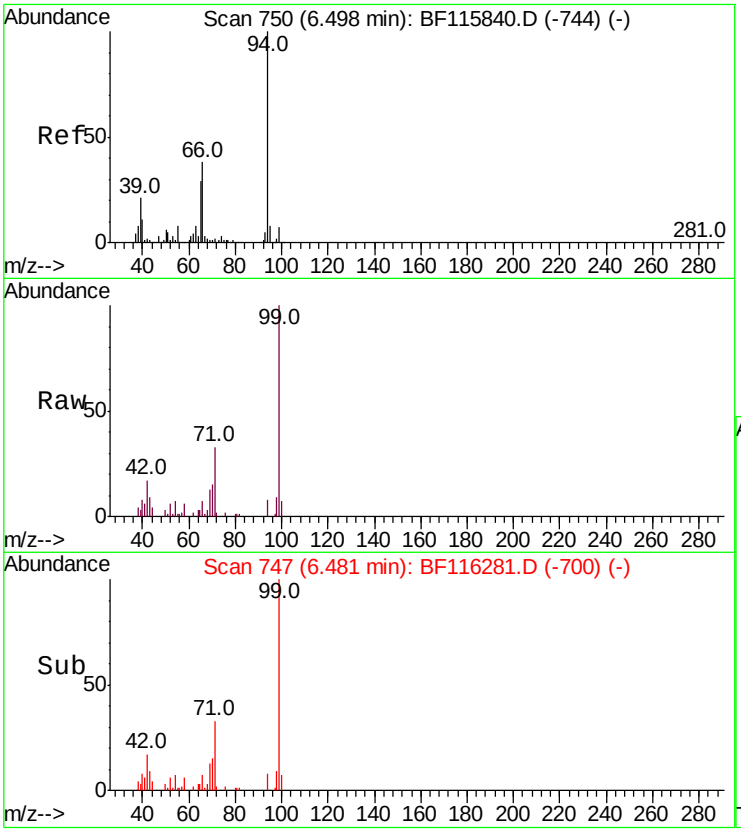


#9
Benzaldehyde
Concen: 26.700 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.19 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Tgt Ion: 77 Resp: 6584

Ion	Ratio	Lower	Upper
77	100		
105	80.1	79.2	119.2
106	58.2	74.3	114.3#



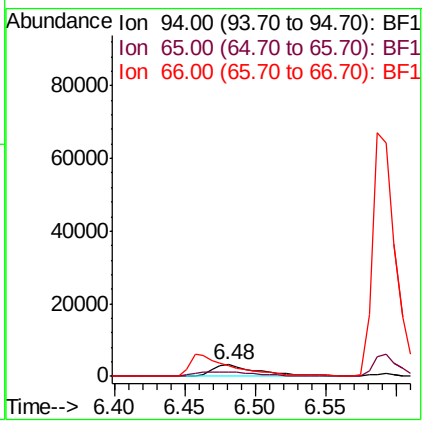


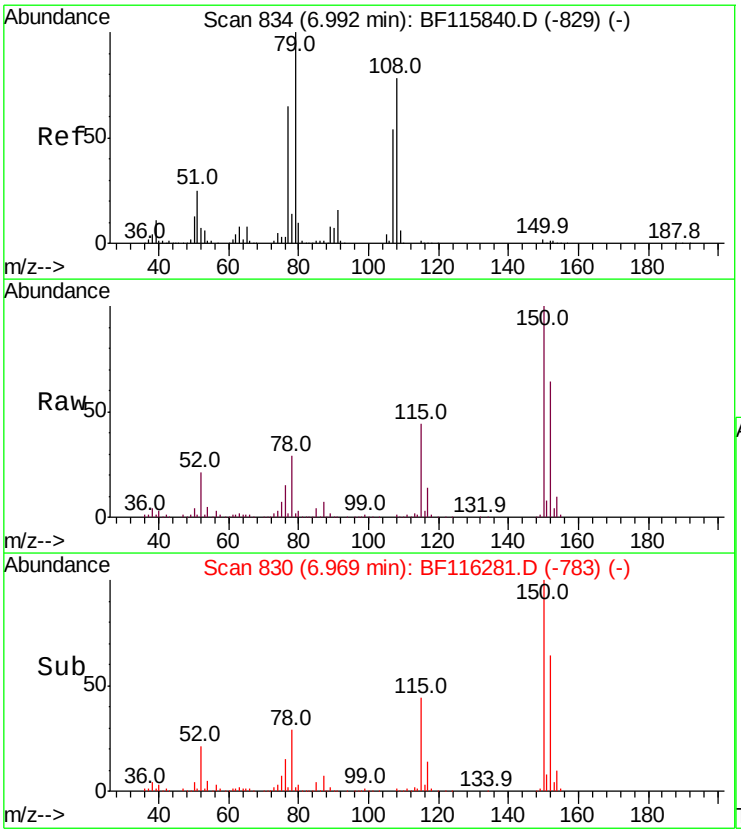
#10
Phenol
Concen: 17.096 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Instrument :
BNA_F
ClientSampleId :
WATER-PIT

Tgt Ion: 94 Resp: 7195

Ion	Ratio	Lower	Upper
94	100		
65	39.6	16.8	56.8
66	87.1	34.2	74.2#

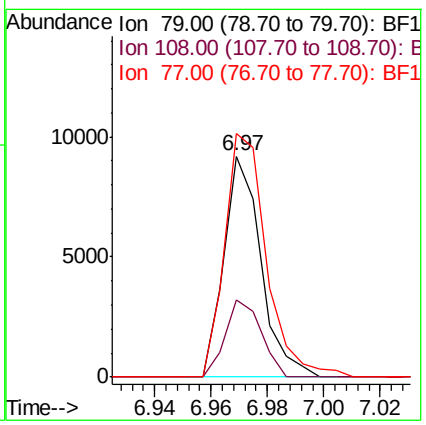


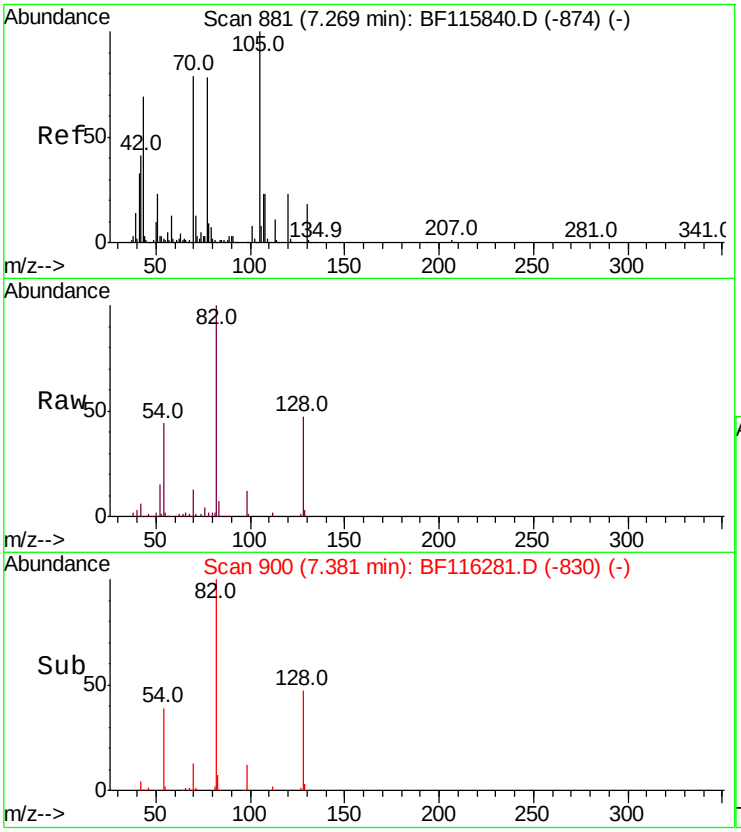


#15
Benzyl Alcohol
Concen: 30.831 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Tgt Ion: 79 Resp: 8362

Ion	Ratio	Lower	Upper
79	100		
108	34.8	62.7	94.1#
77	110.1	52.2	78.2#



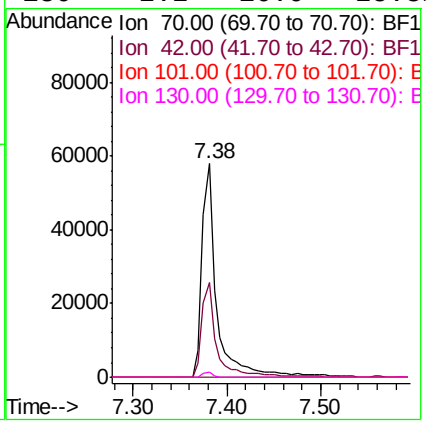


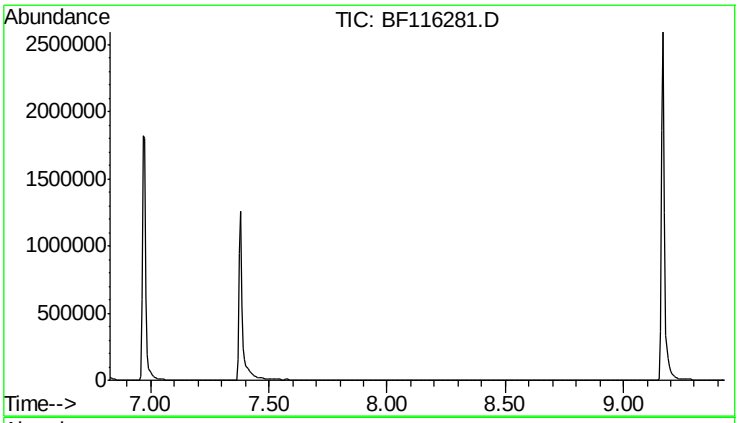
#19
n-Nitroso-di-n-propylamine
Concen: 287.988 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.11 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Instrument :
BNA_F
ClientSampleId :
WATER-PIT

Tgt Ion: 70 Resp: 63779

Ion	Ratio	Lower	Upper
70	100		
42	44.1	40.9	61.3
101	0.0	7.9	11.9#
130	2.2	16.9	25.3#



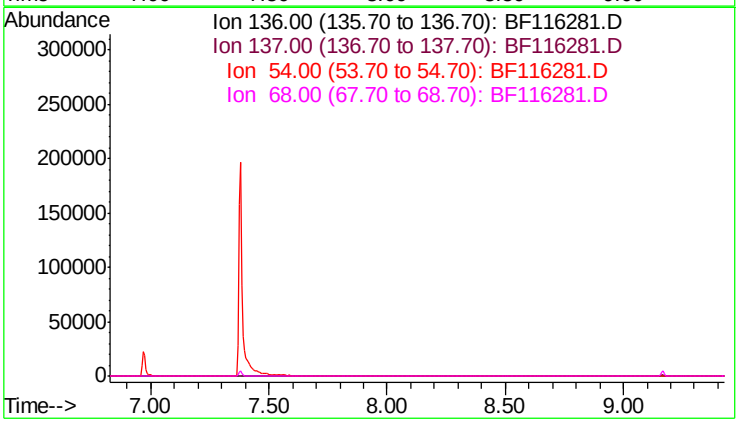


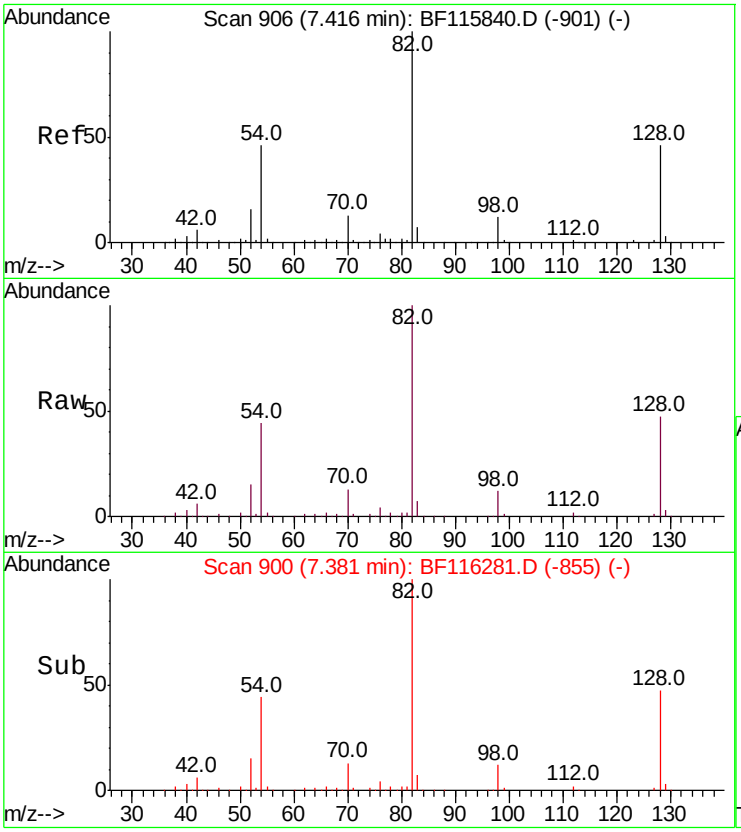
#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.13 min

Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.2
54	7.2
68	6.5



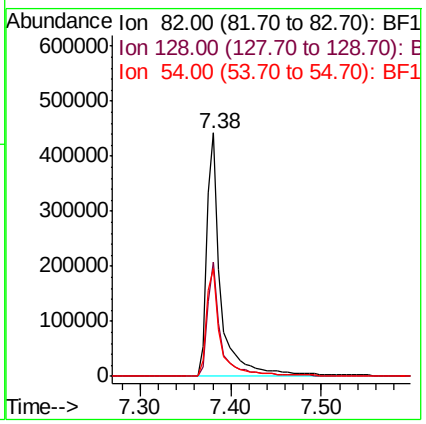


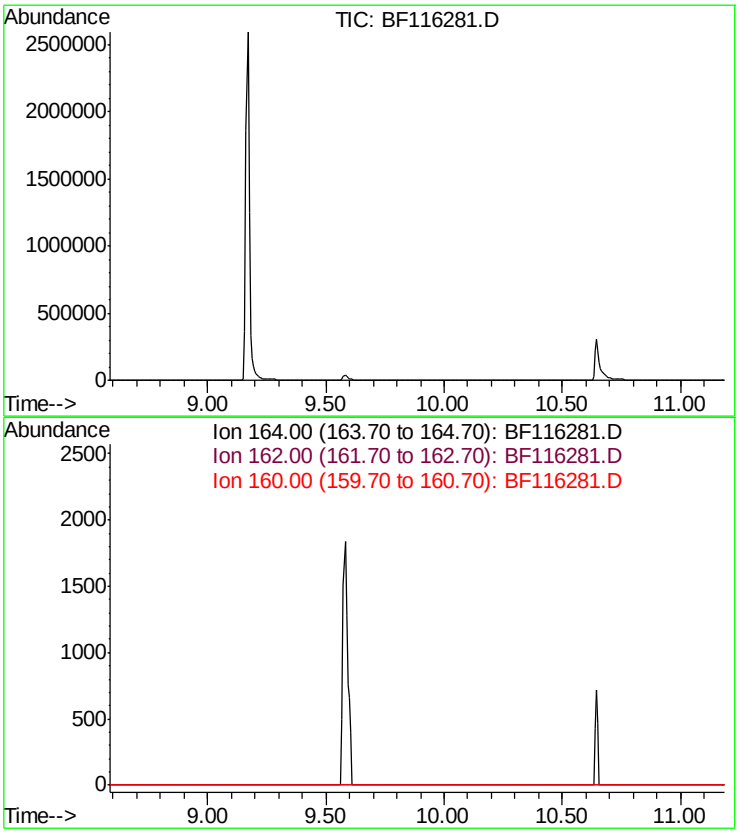
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Instrument :
BNA_F
ClientSampleId :
WATER-PIT

Tgt Ion: 82 Resp: 488331

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.5	54.7
54	44.4	36.0	54.0



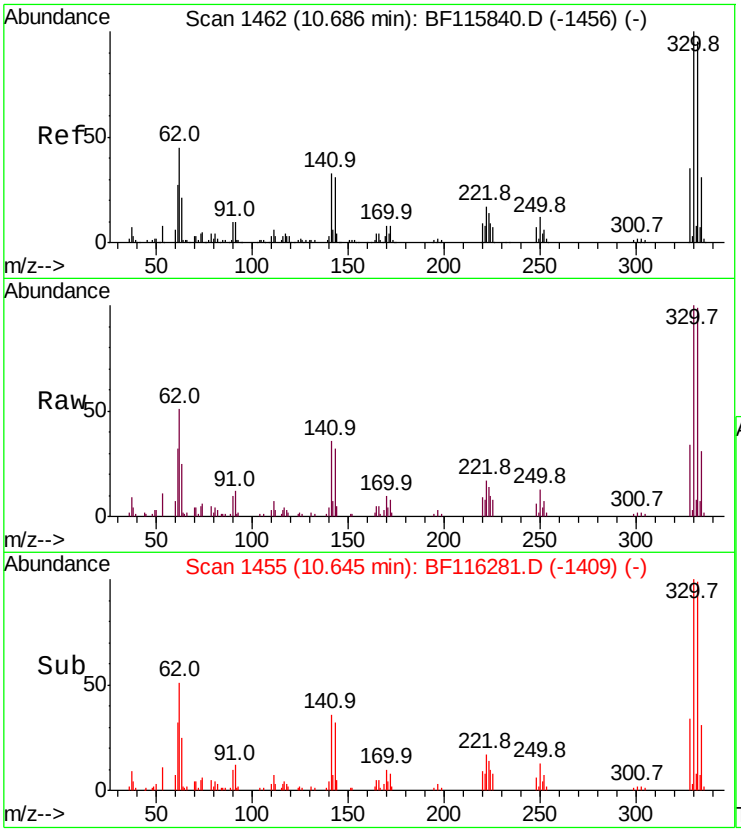


#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 9.89 min

Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	103.3
160	47.0

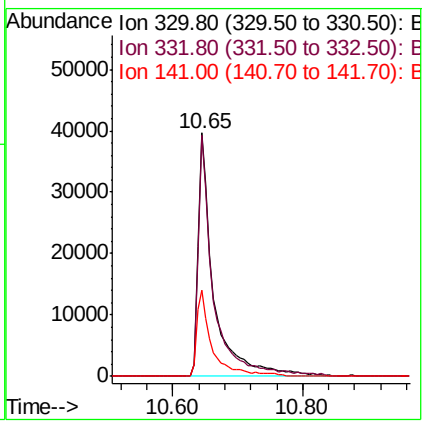


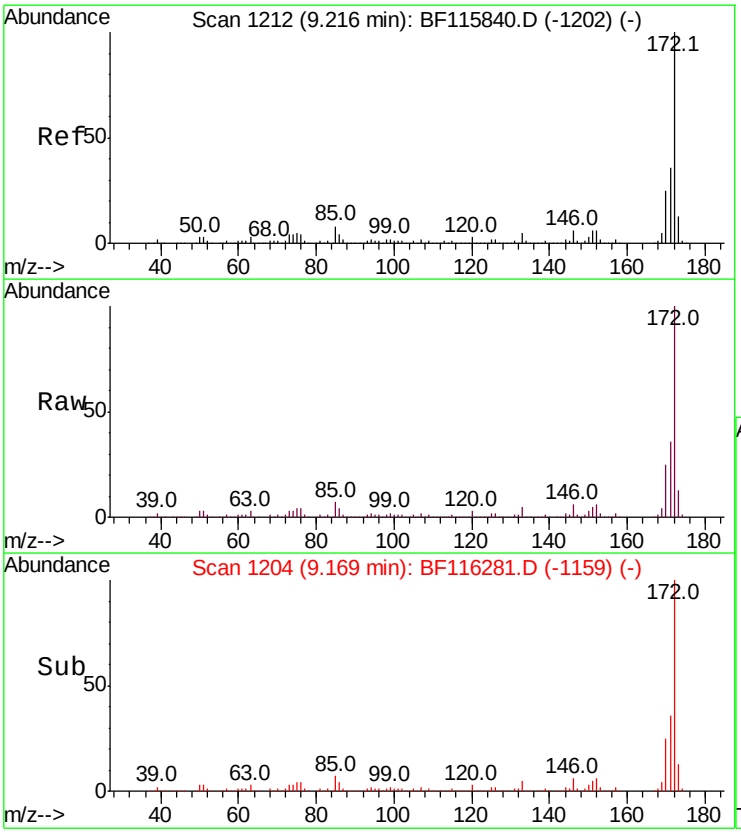
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Instrument :
BNA_F
ClientSampleId :
WATER-PIT

Tgt Ion:330 Resp: 65521

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.8	115.2
141	34.4	26.3	39.5

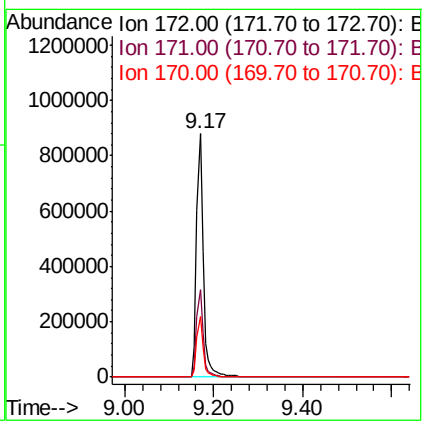


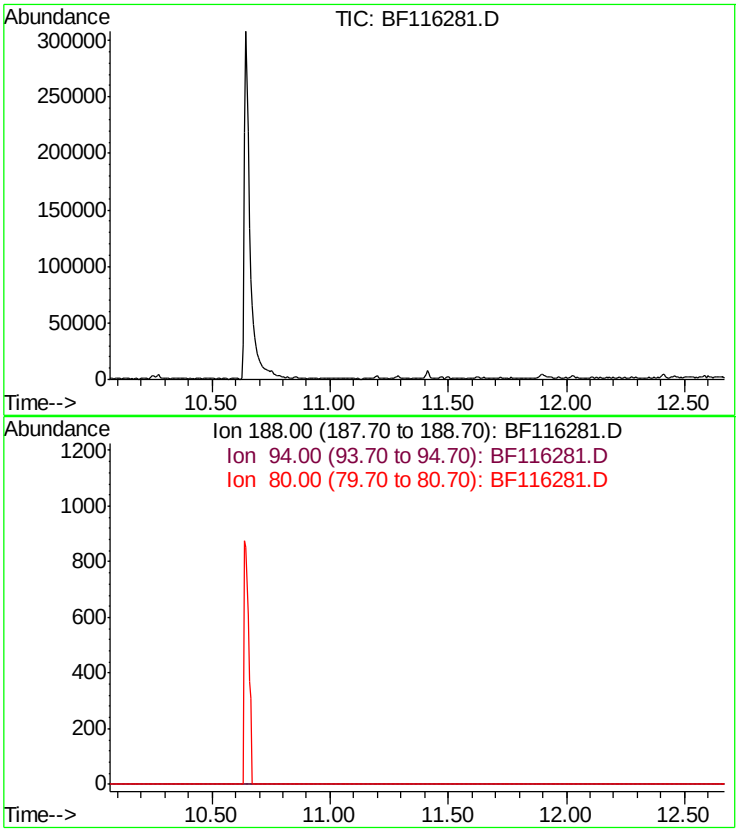


#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Tgt Ion:172 Resp: 852395

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.7	20.1	30.1





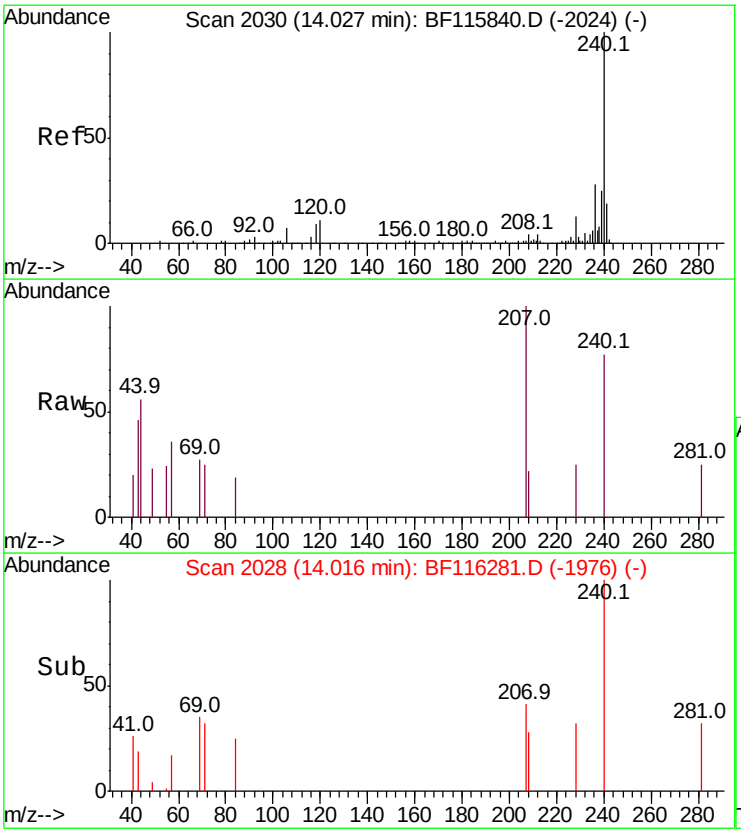
#64
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 11.37 min

Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	10.1
80	10.9

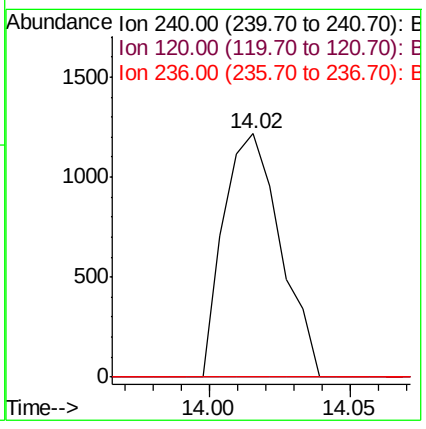
Instrument :
BNA_F
ClientSampleId :
WATER-PIT

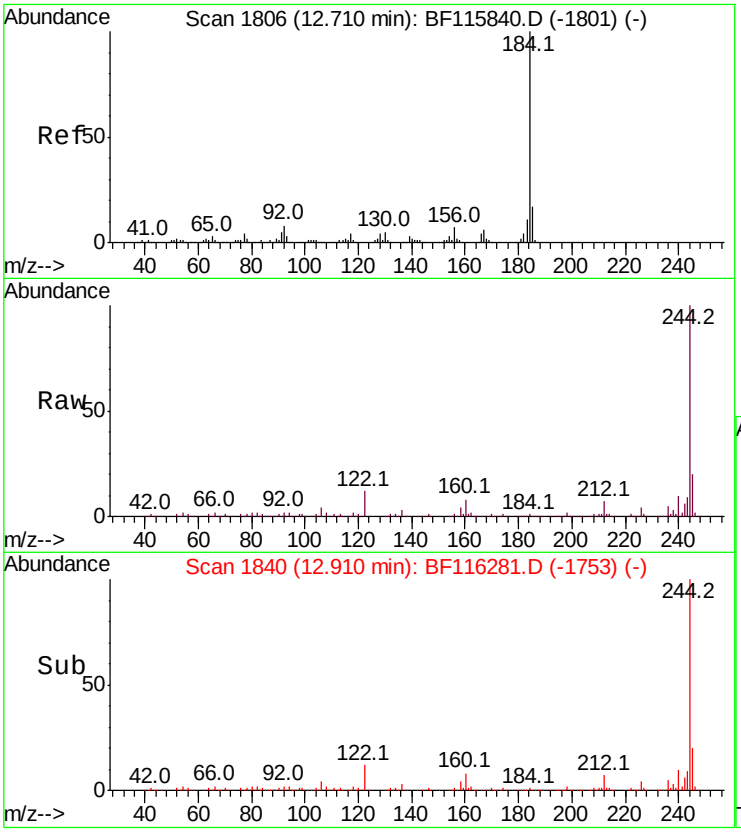


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Tgt Ion:240 Resp: 1705

Ion	Ratio	Lower	Upper
240	100		
120	0.0	10.7	16.1#
236	0.0	22.2	33.2#



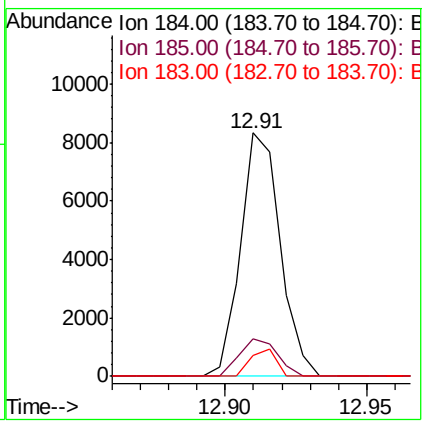


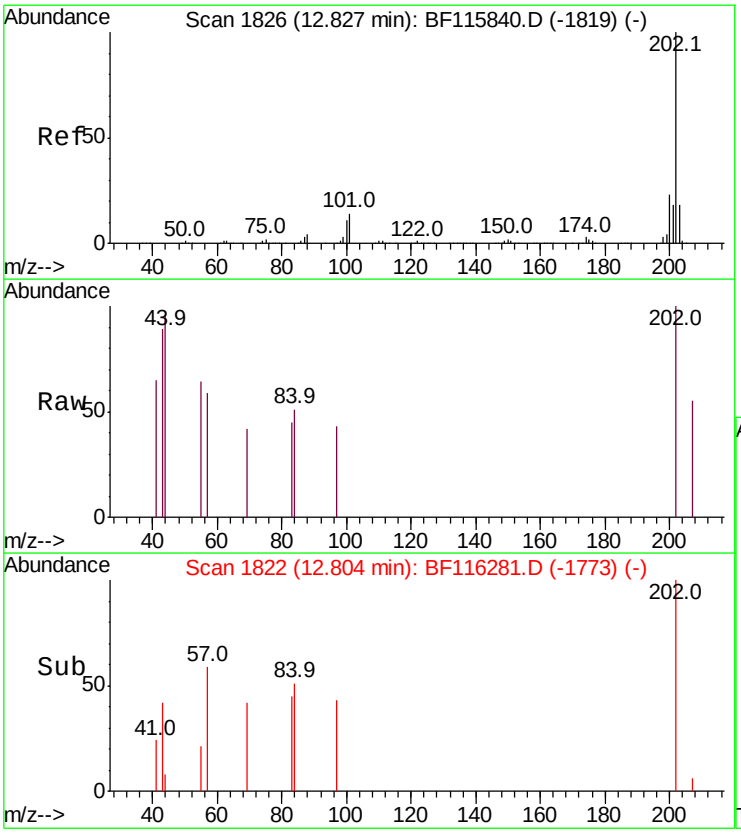
#77
Benzidine
Concen: 140.655 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.21 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Instrument :
BNA_F
ClientSampleId :
WATER-PIT

Tgt Ion:184 Resp: 8102

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.8	19.2
183	8.7	9.4	14.0#

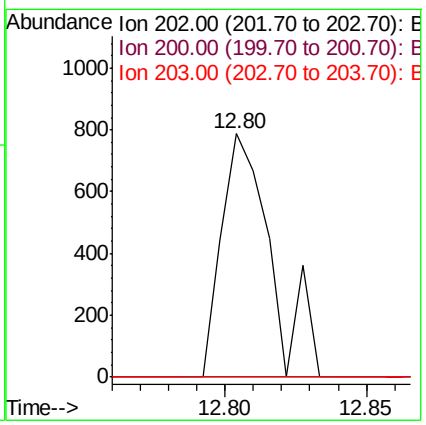


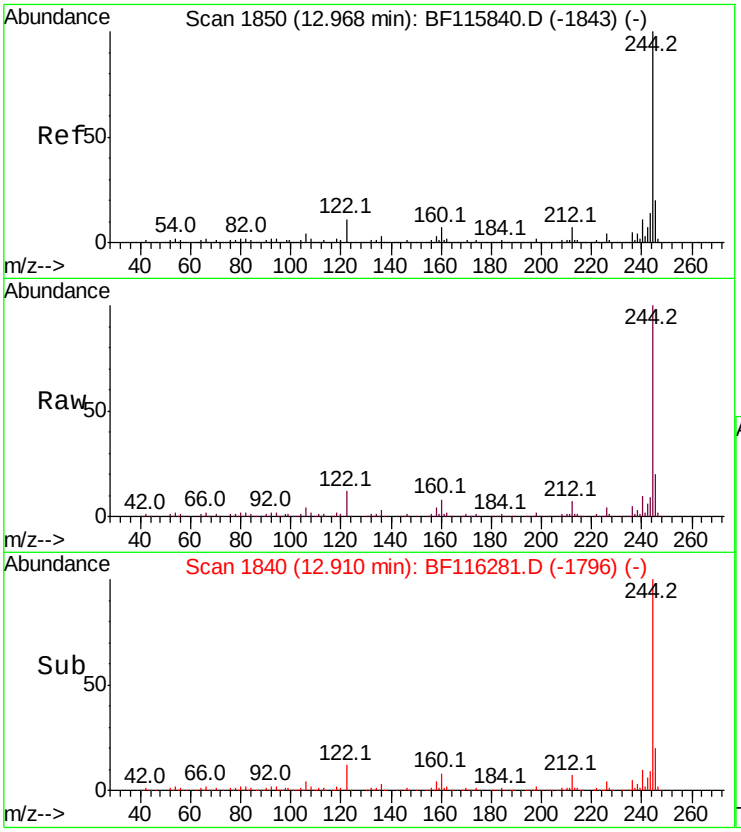


#78
Pyrene
Concen: 7.438 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Tgt Ion:202 Resp: 956

Ion	Ratio	Lower	Upper
202	100		
200	0.0	18.0	27.0#
203	0.0	14.1	21.1#



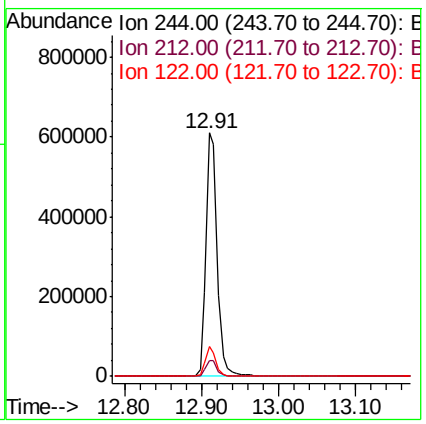


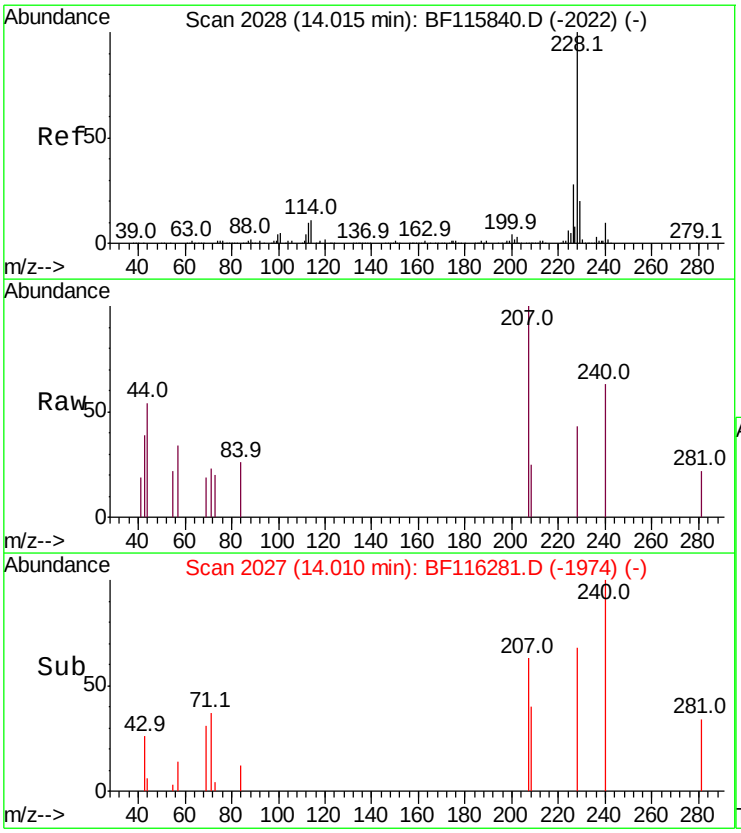
#79
Terphenyl-d14
Concen: 7585.029 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Instrument :
BNA_F
ClientSampleId :
WATER-PIT

Tgt Ion:244 Resp: 613738

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	12.4	9.0	13.4

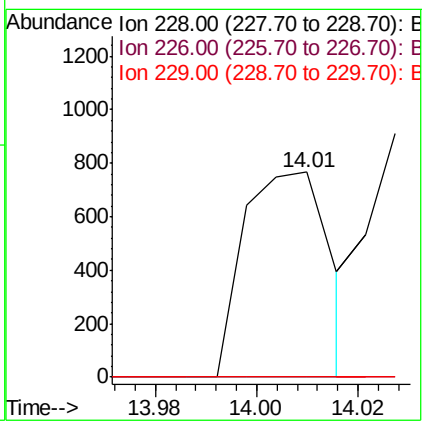


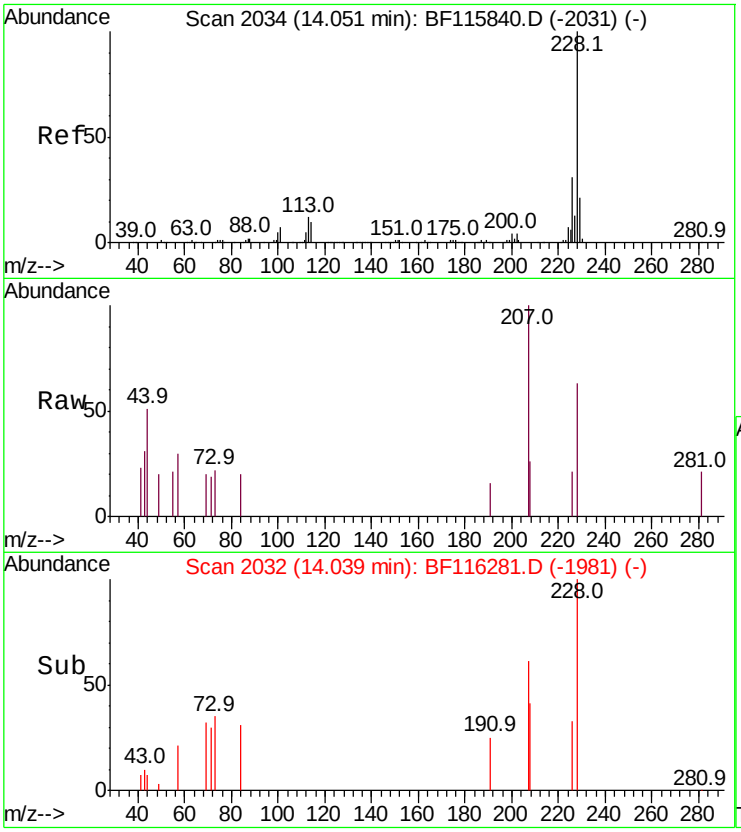


#81
Benzo(a)anthracene
Concen: 8.249 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Tgt Ion:228 Resp: 899

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.7	34.1#
229	0.0	16.2	24.4#



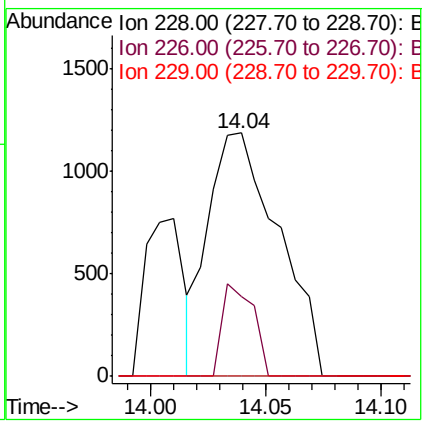


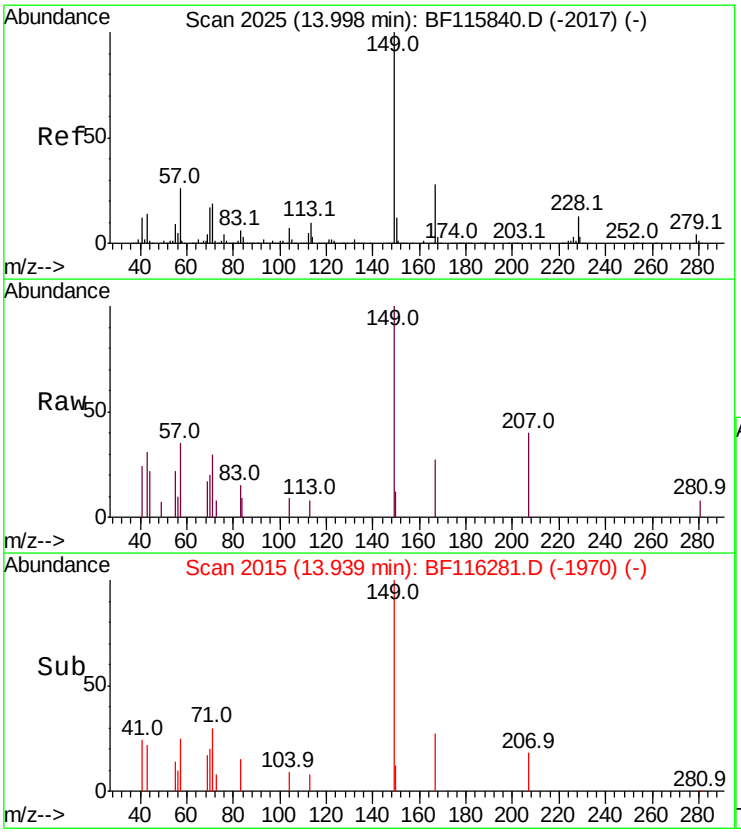
#83
Chrysene
Concen: 23.724 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Instrument :
BNA_F
ClientSampleId :
WATER-PIT

Tgt Ion:228 Resp: 2510

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.5	38.3
229	0.0	16.6	24.8#

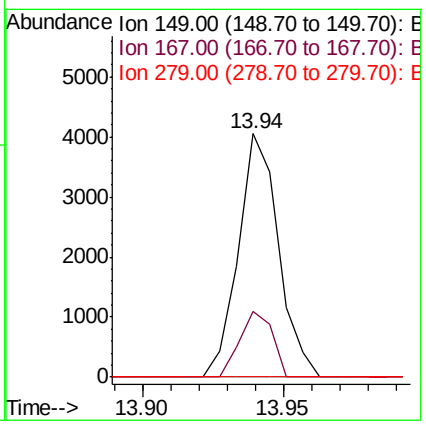


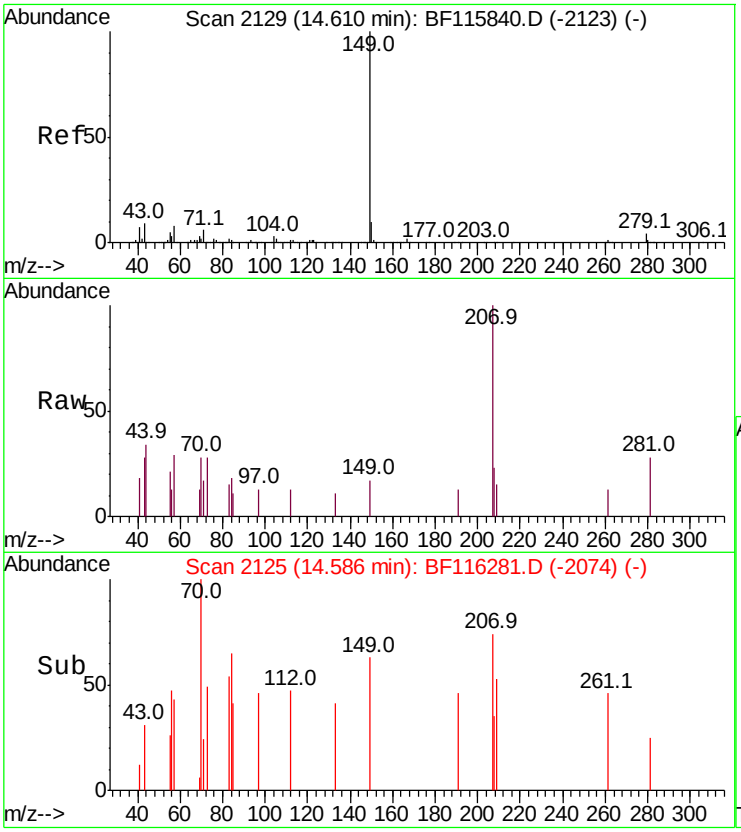


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.575 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.04 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Tgt Ion:149 Resp: 3997

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.6	32.4
279	0.0	3.0	4.4#



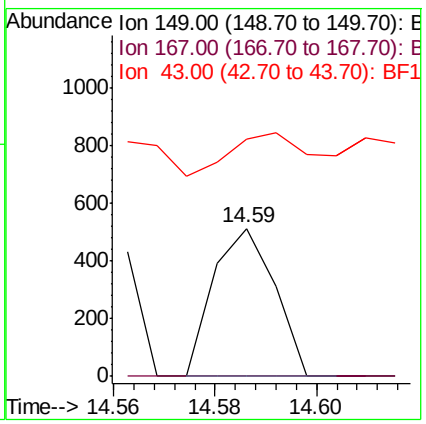


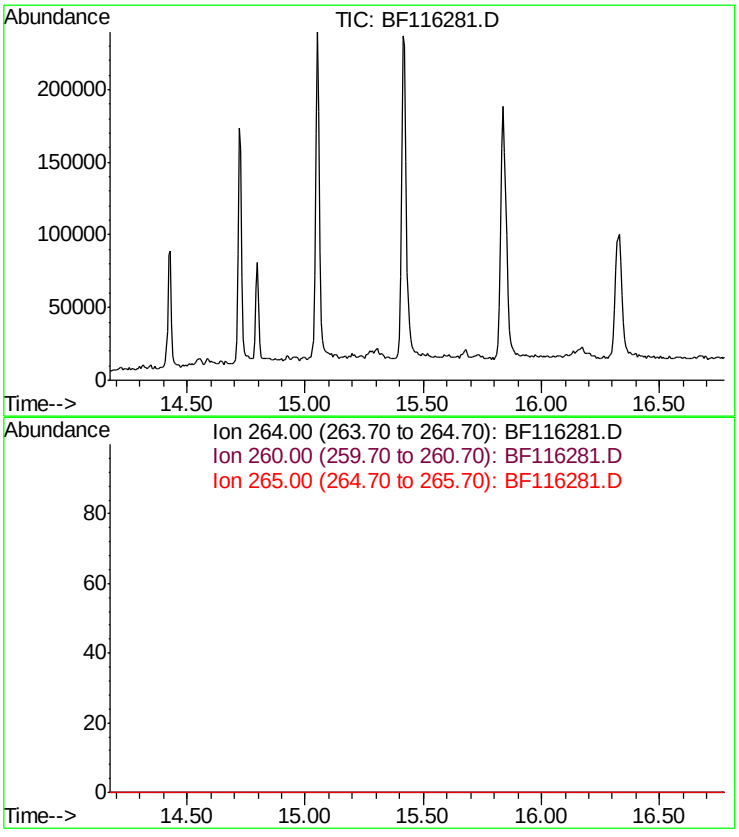
#85
Di-n-octyl phthalate
Concen: 3.841 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Instrument :
BNA_F
ClientSampleId :
WATER-PIT

Tgt Ion:149 Resp: 431

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	0.0	7.5	11.3#





#87
Perylene-d12
Concen: 0.000 ng
Expected RT: 15.47 min

Lab File: BF116281.D
Acq: 15 Aug 2019 16:08

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	24.6
265	21.7