Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081419\

Quantitation Report (QT Reviewed)

Data File : BN007174.D
Acq On : 14 Aug 2019 21:41
Operator : HP/JU
Sample : K4222-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : OUTFALL001-190806

Quant Time: Aug 15 11:24:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	7704	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	27811	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	15559	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	35647	0.40	ng		0.00
26) Chrysene-d12	21.05	240	35348	0.40	ng		-0.01
32) Perylene-d12	23.15	264	40243	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	3240	0.18	ng		0.00
4) Phenol-d6	6.61	99	2533	0.11	ng		0.00
7) Nitrobenzene-d5	8.55	82	8682	0.39	ng		-0.01
10) 2-Methylnaphthalene-d10	11.79	152	17988	0.35	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	655	0.08	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	3229	0.14	ng		0.00
24) Fluoranthene-d10	18.87	212	45331	0.36	ng		0.00
28) Terphenyl-d14	19.49	244	38039	0.39	ng		-0.01
Target Compounds							Qvalue
15) Acenaphthylene	13.78	152	9762	0.120	ng		97
27) Pyrene	19.26	202	4166	0.034	ng	#	84
29) Benzo(a)anthracene	21.02	228	4430	0.034	ng	#	40
30) Chrysene	21.08	228	5771	0.046	ng	#	83

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

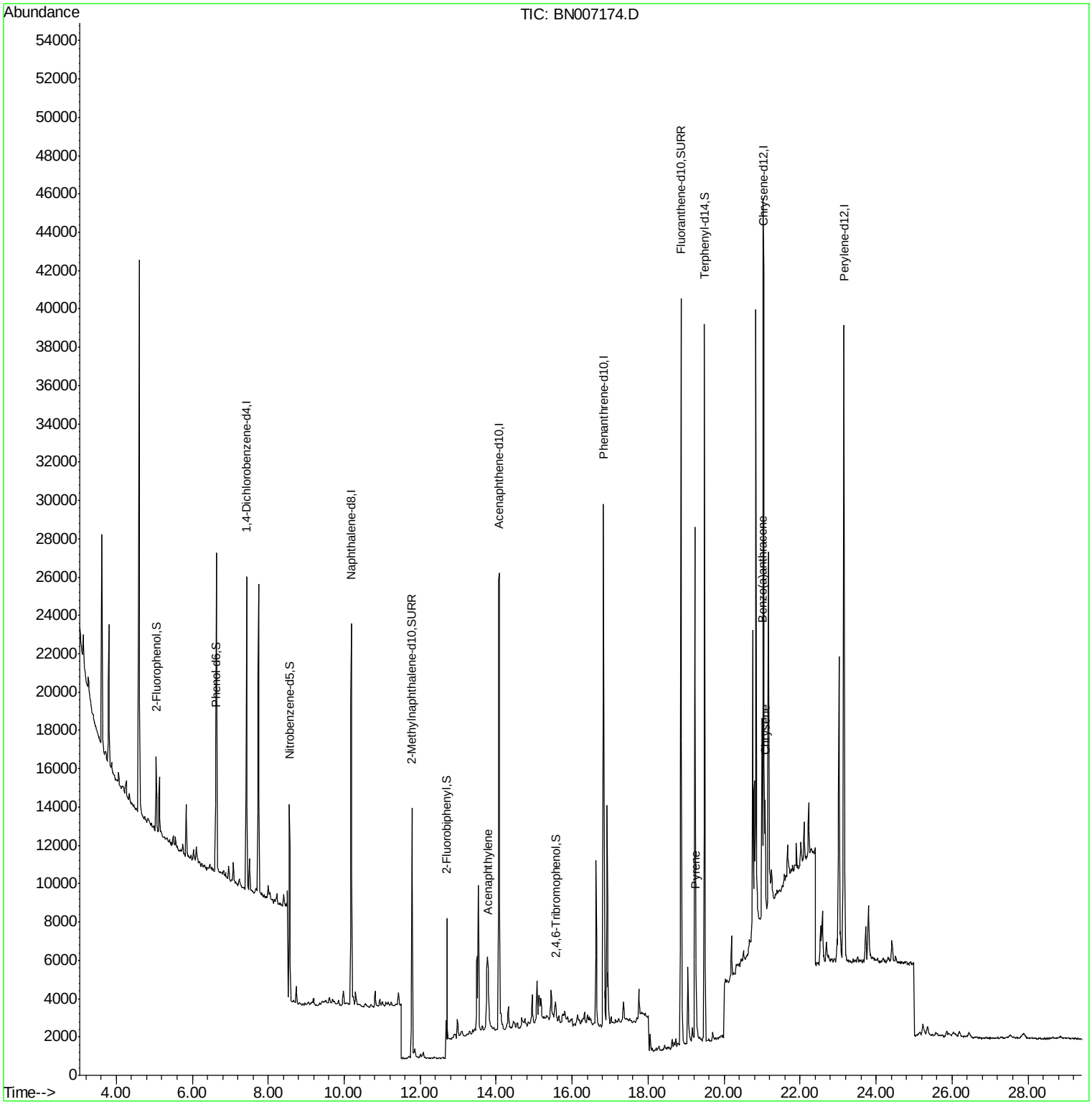
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081419\

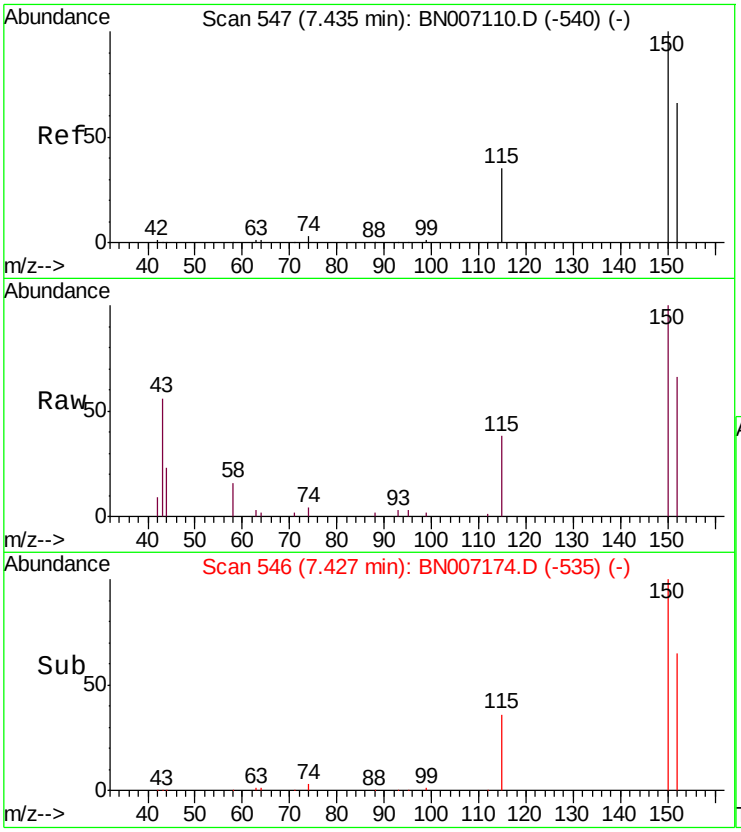
Quantitation Report (QT Reviewed)

Data File : BN007174.D
Acq On : 14 Aug 2019 21:41
Operator : HP/JU
Sample : K4222-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190806

Quant Time: Aug 15 11:24:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration



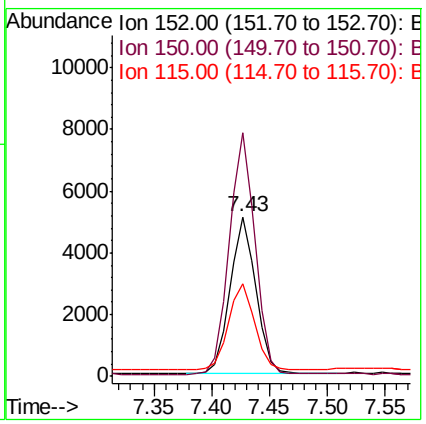


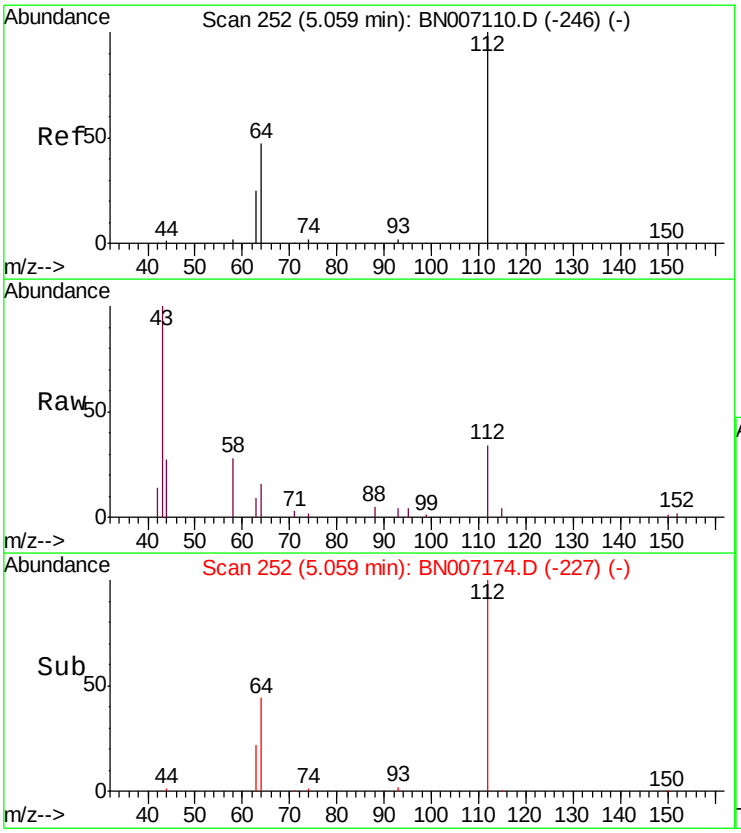
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190806

Tgt Ion:152 Resp: 7704

Ion	Ratio	Lower	Upper
152	100		
150	152.6	121.7	182.5
115	58.3	46.2	69.4

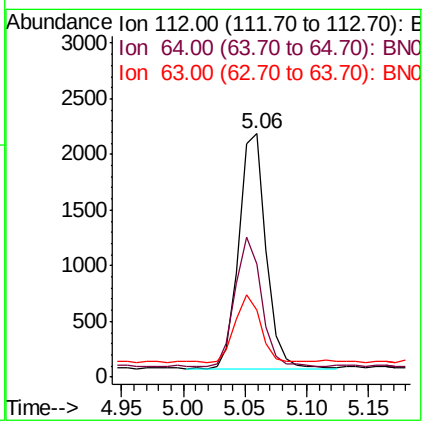


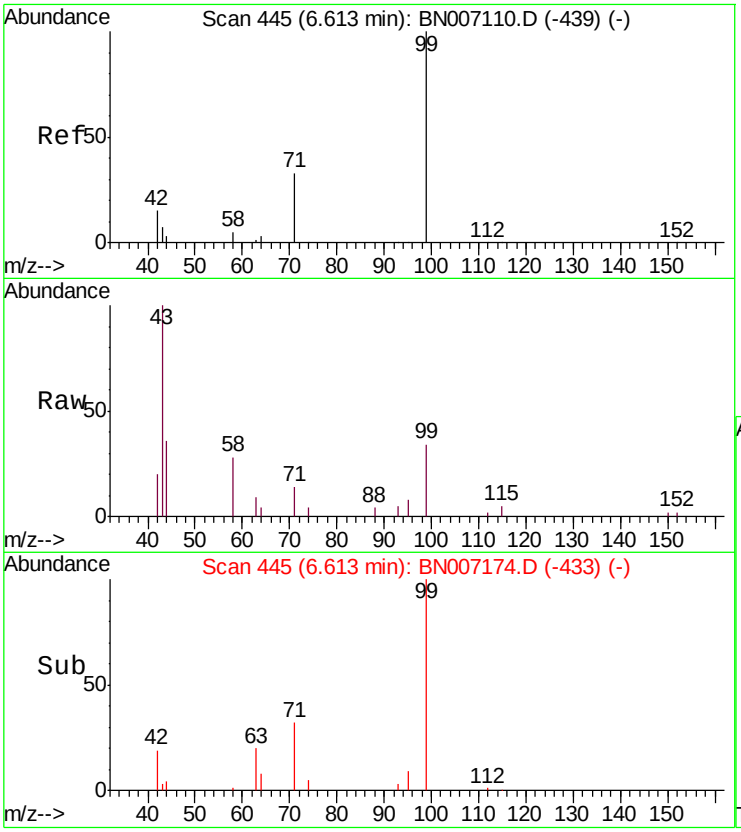


#3
2-Fluorophenol
Concen: 0.175 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Tgt Ion:112 Resp: 3240

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.6	63.8
63	27.3	22.2	33.2



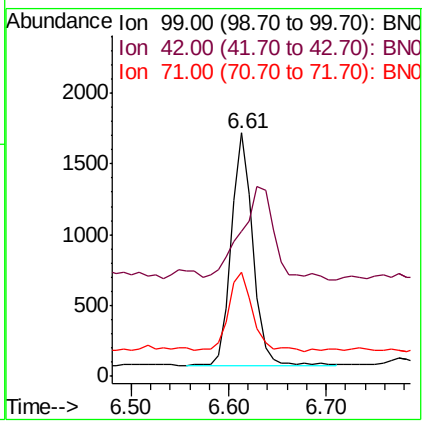


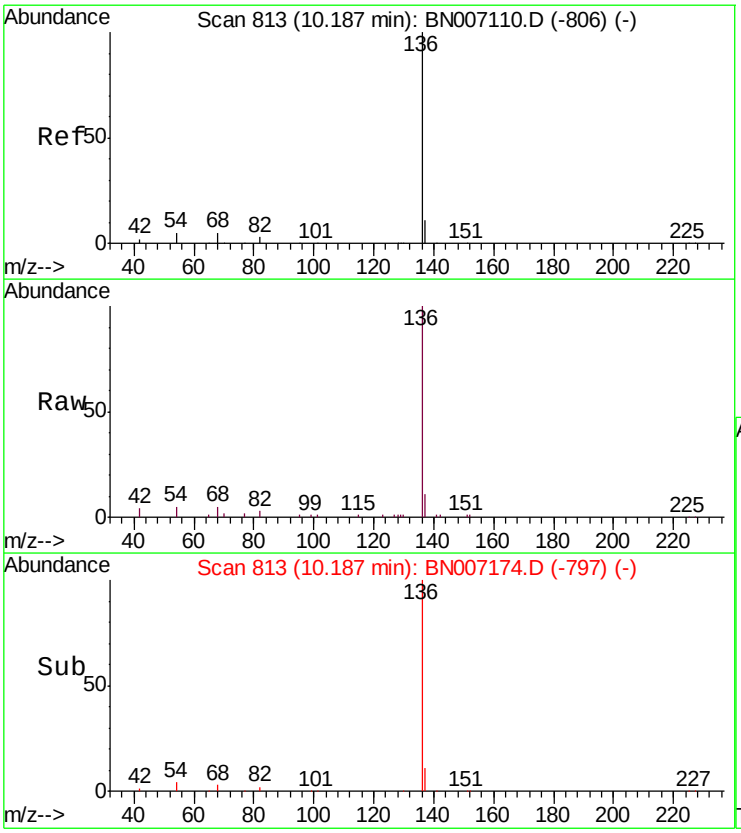
#4
Phenol-d6
Concen: 0.110 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190806

Tgt Ion: 99 Resp: 2533

Ion	Ratio	Lower	Upper
99	100		
42	62.3	15.8	23.6#
71	38.0	27.0	40.4

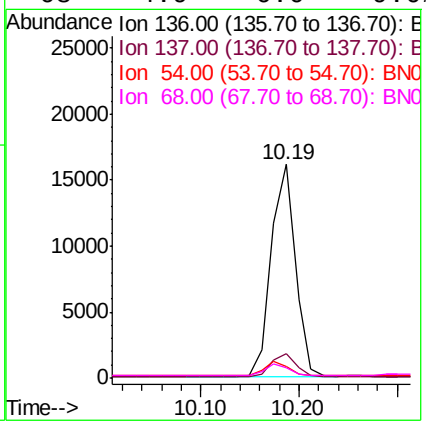


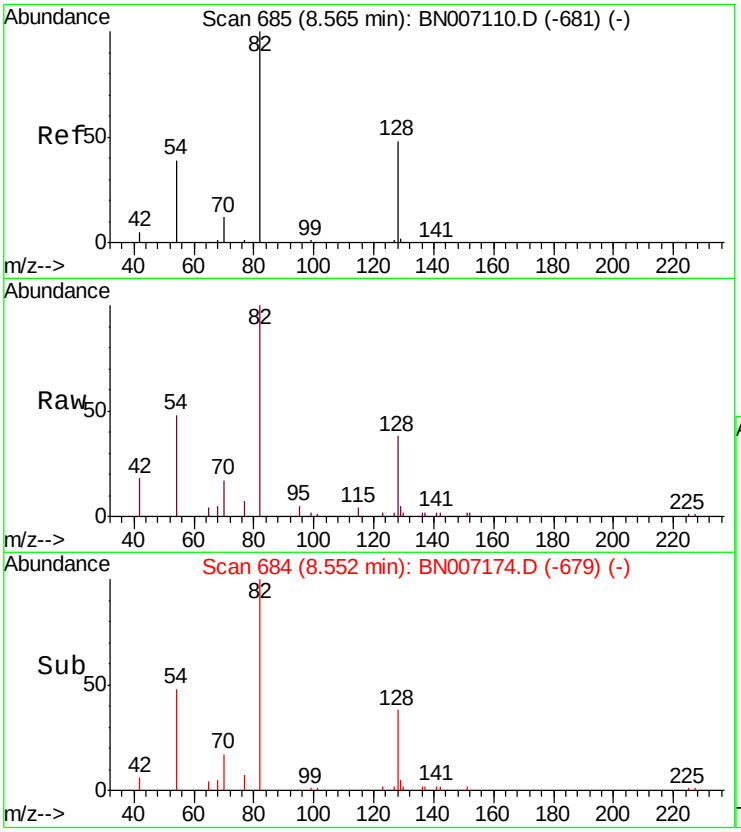


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Tgt Ion:136 Resp: 27811

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	5.2	6.6	9.8#
68	4.9	6.0	9.0#



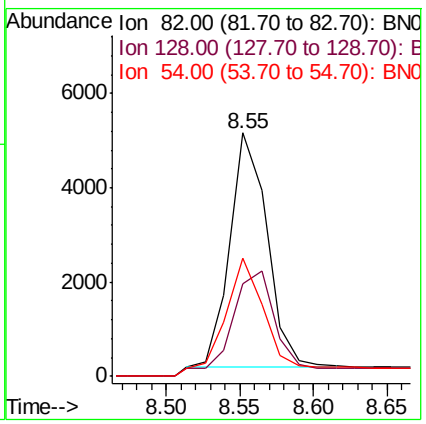


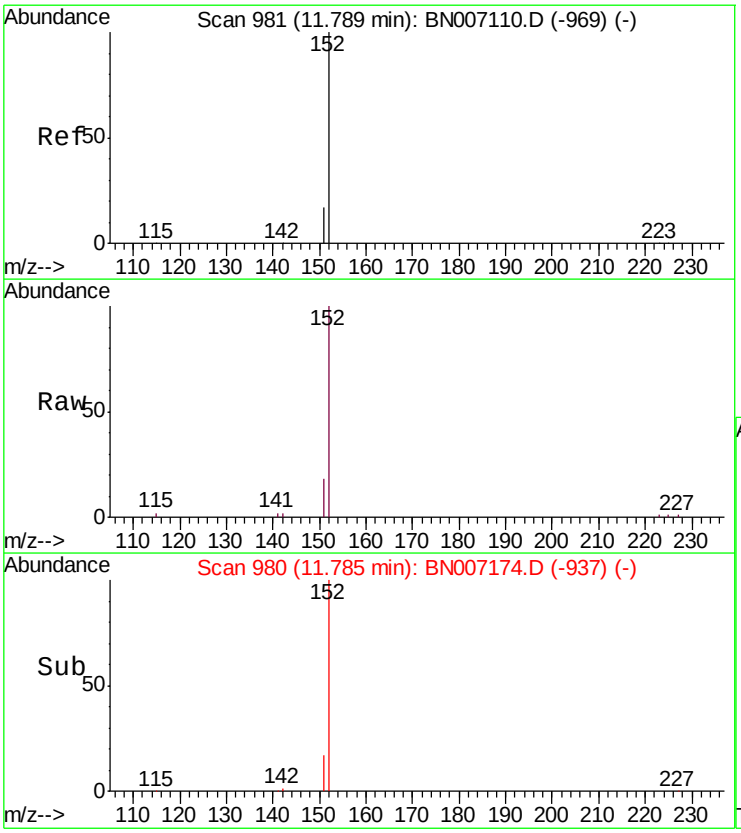
#7
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190806

Tgt Ion: 82 Resp: 8682

Ion	Ratio	Lower	Upper
82	100		
128	37.8	34.6	51.8
54	48.5	36.2	54.4

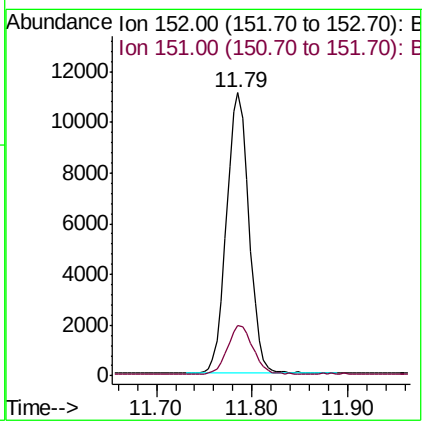


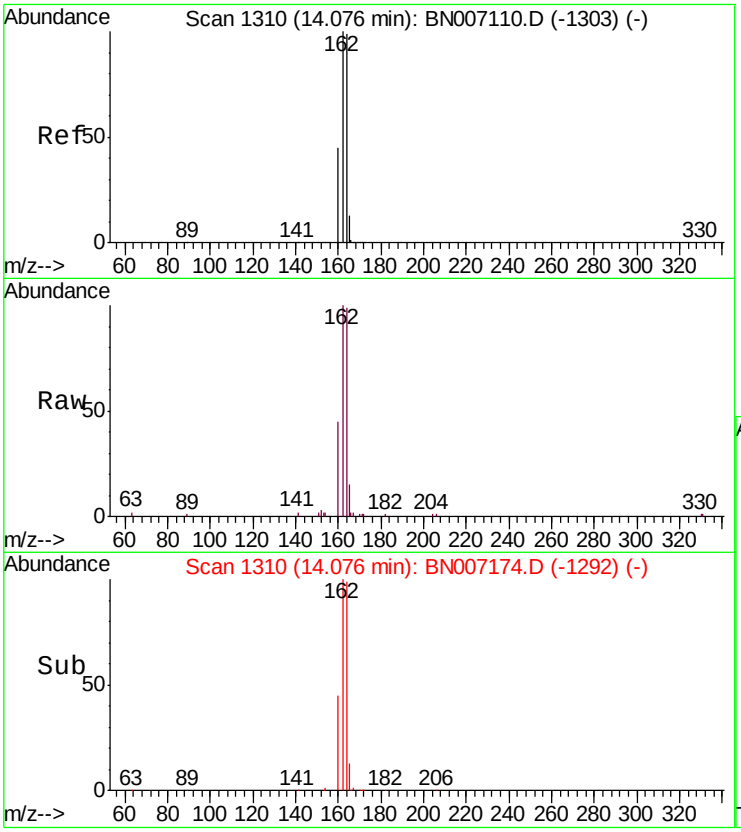


#10
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 11.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Tgt Ion:152 Resp: 17988

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3



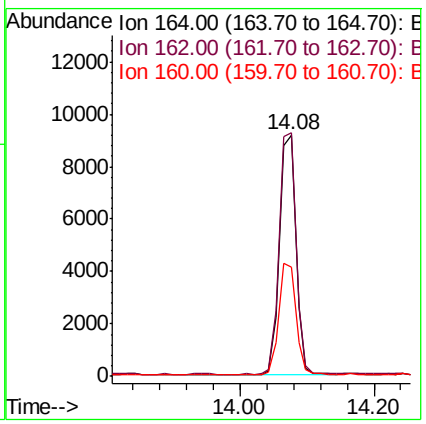


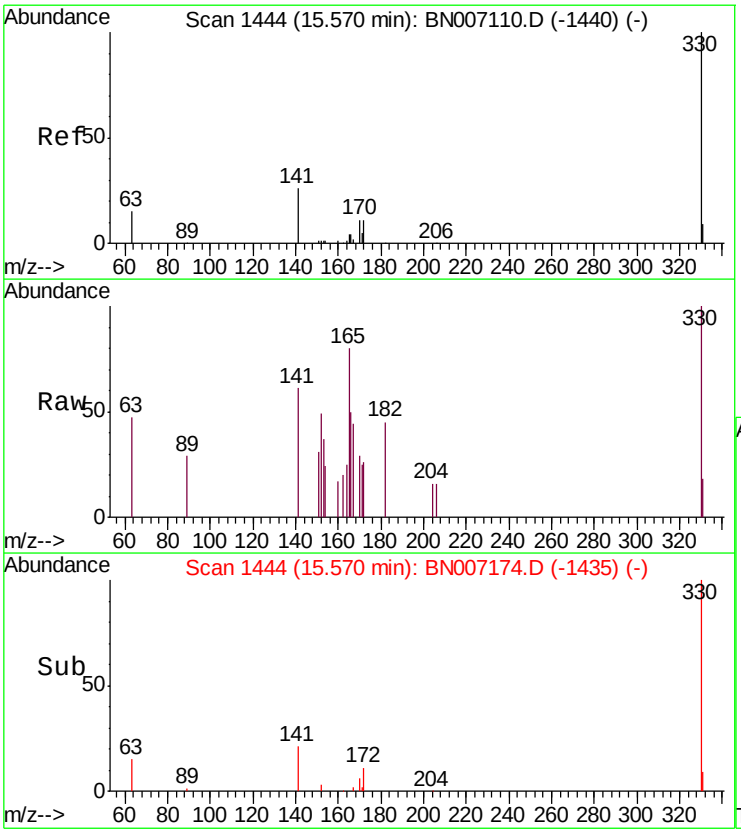
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190806

Tgt Ion:164 Resp: 15559

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.4
160	45.4	38.3	57.5

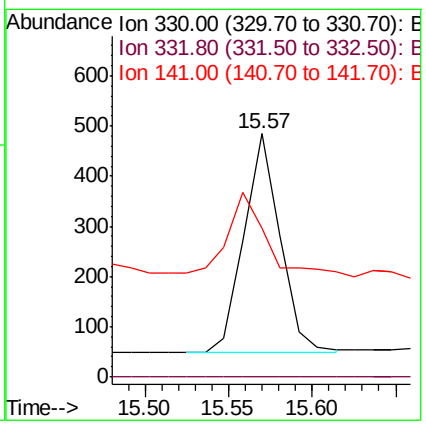


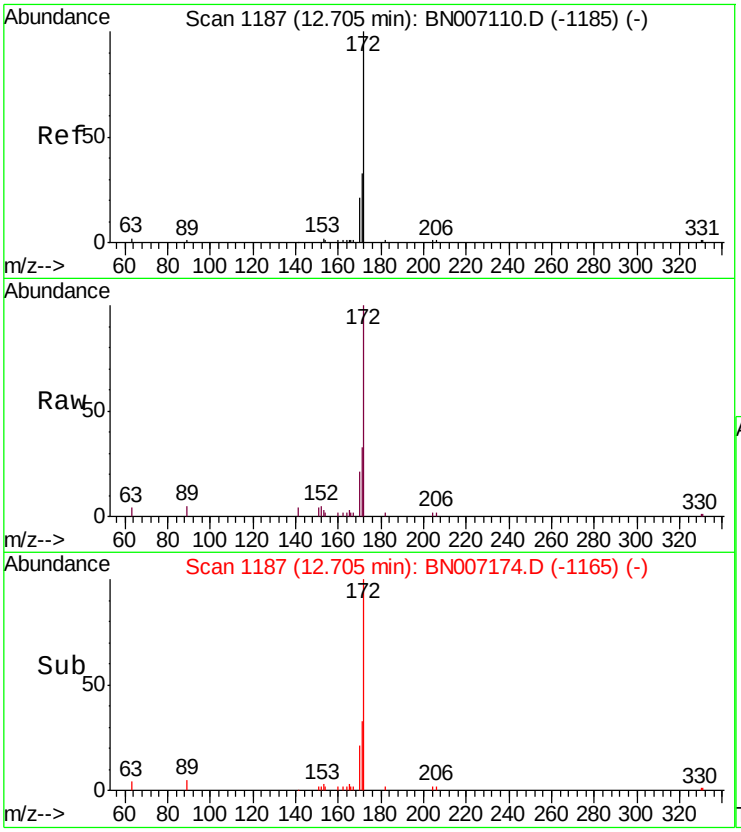


#13
2,4,6-Tribromophenol
Concen: 0.078 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Tgt Ion:330 Resp: 655

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.5	33.6	50.4



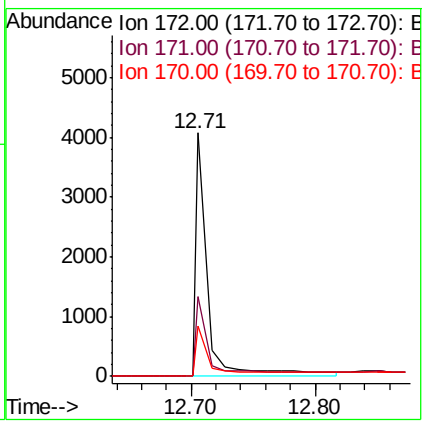


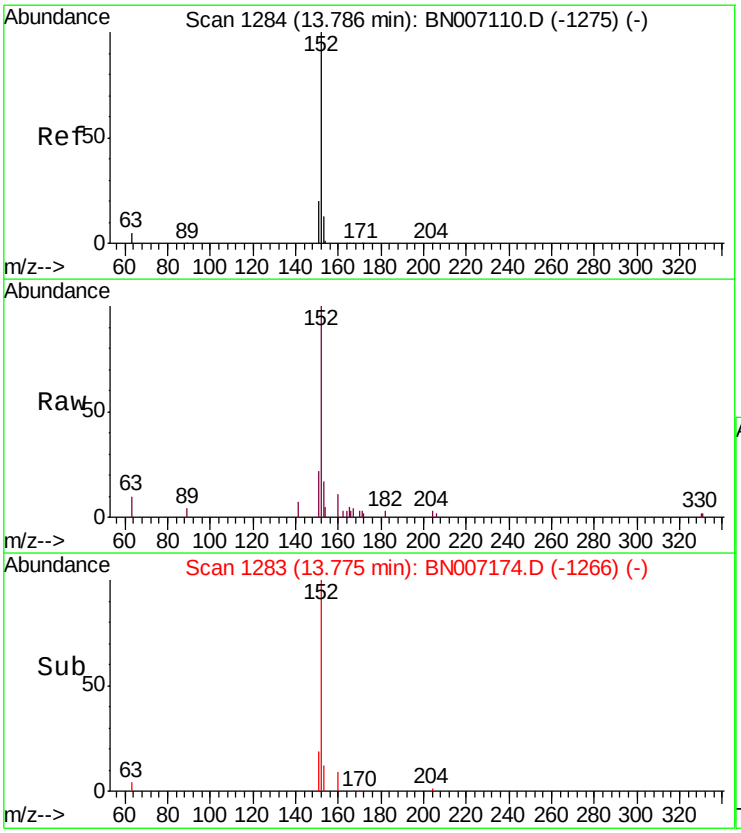
#14
2-Fluorobiphenyl
Concen: 0.143 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190806

Tgt Ion:172 Resp: 3229

Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.3	39.5
170	20.8	17.0	25.4

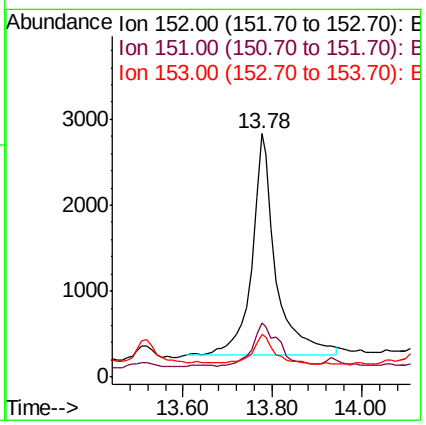


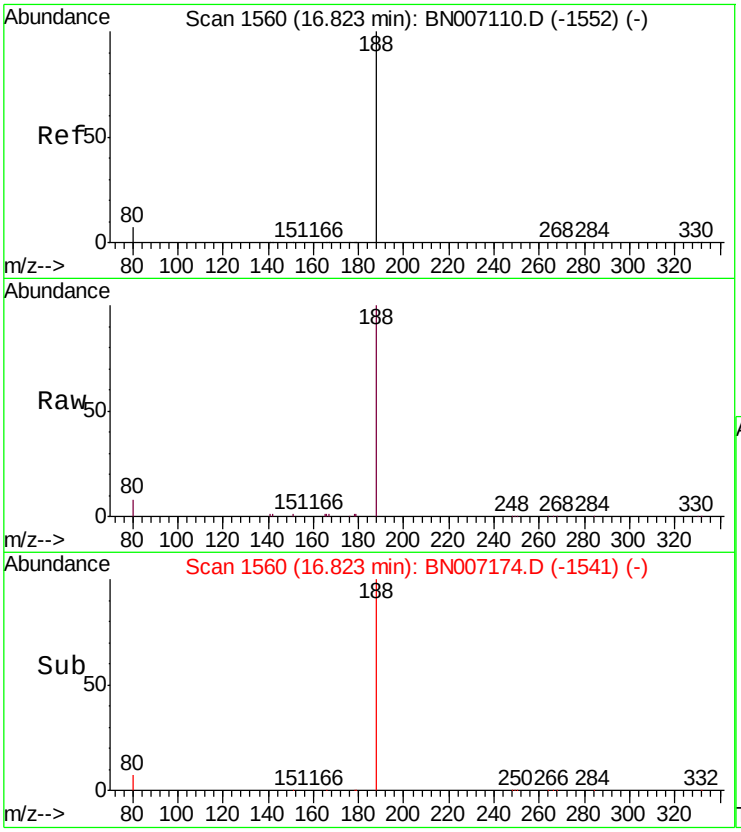


#15
Acenaphthylene
Concen: 0.120 ng
RT: 13.78 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Tgt Ion:152 Resp: 9762

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.8	23.6
153	11.6	10.4	15.6



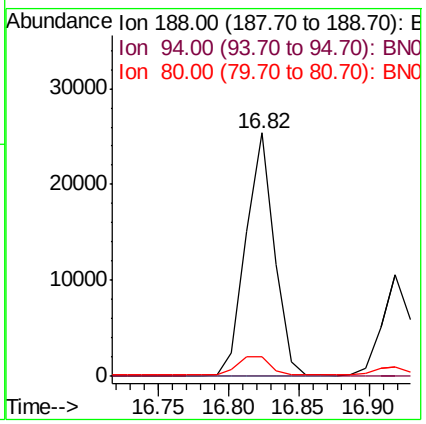


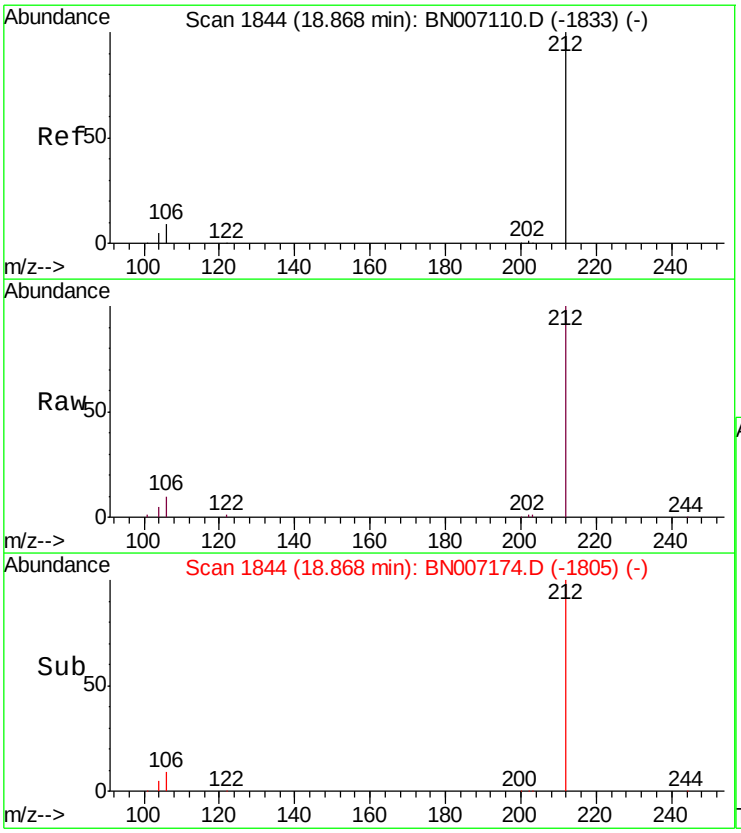
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190806

Tgt Ion:188 Resp: 35647

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	7.8	11.6

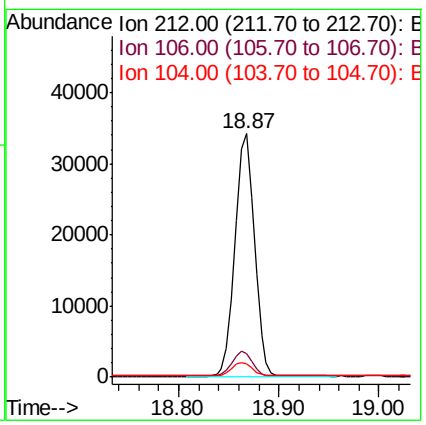


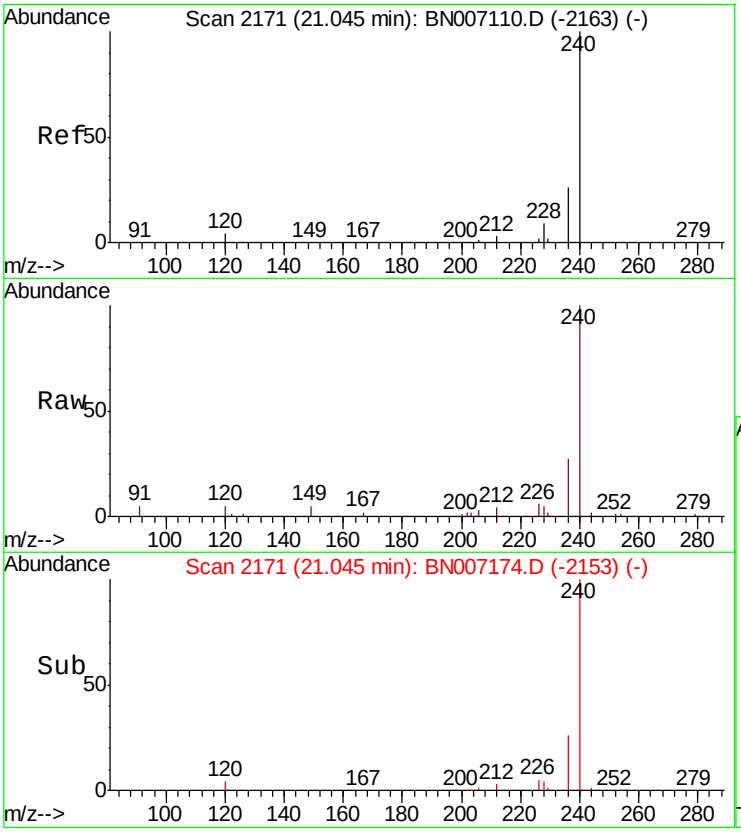


#24
Fluoranthene-d10
Concen: 0.359 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Tgt Ion:212 Resp: 45331

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.2
104	5.7	4.5	6.7



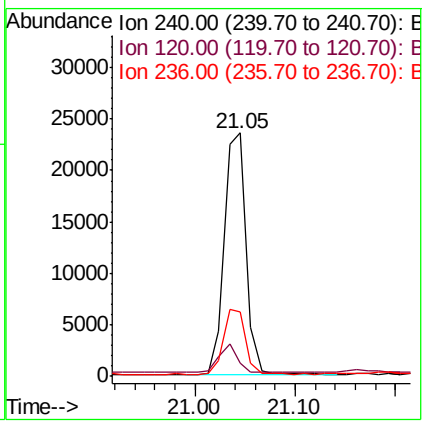


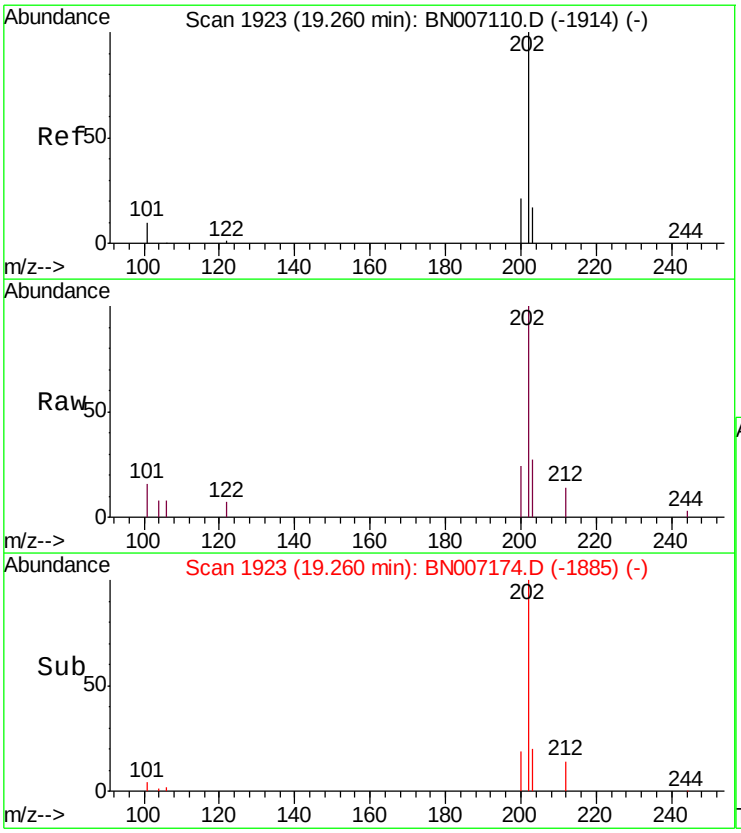
#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190806

Tgt Ion:240 Resp: 35348

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.0	6.0
236	26.6	21.3	31.9

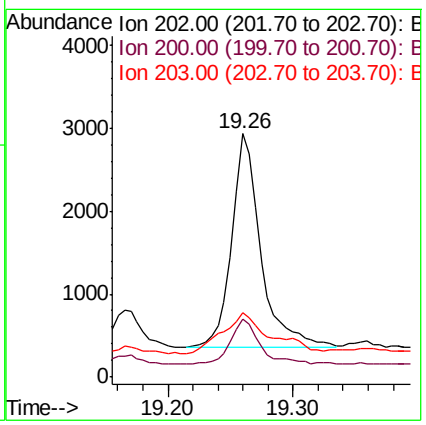


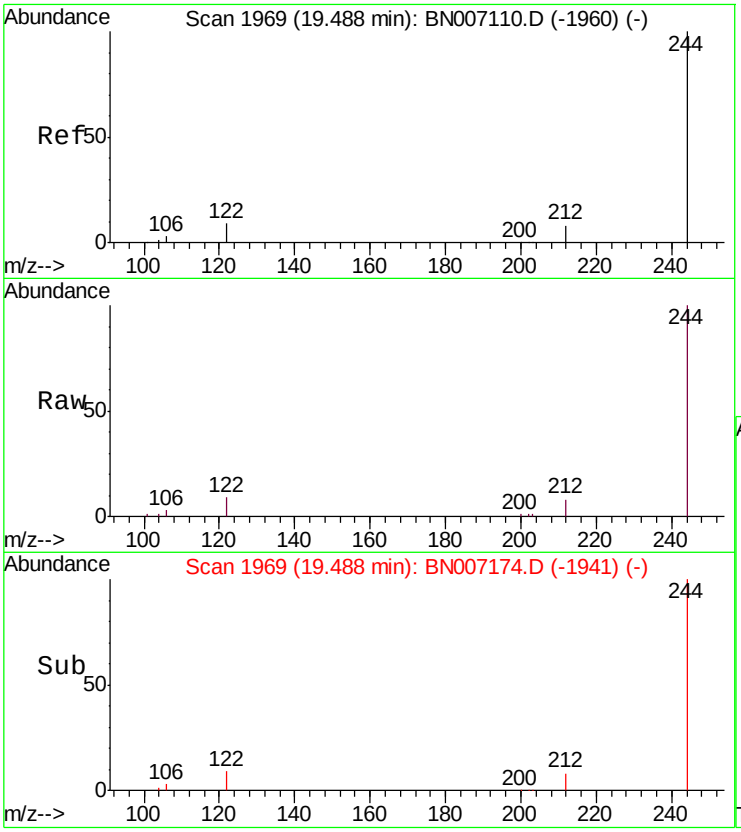


#27
Pyrene
Concen: 0.034 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Tgt Ion:202 Resp: 4166

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	24.8
203	31.8	14.0	21.0#



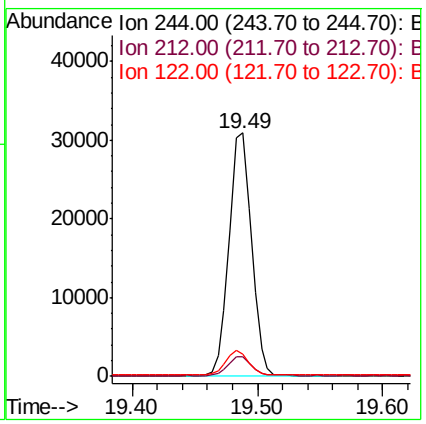


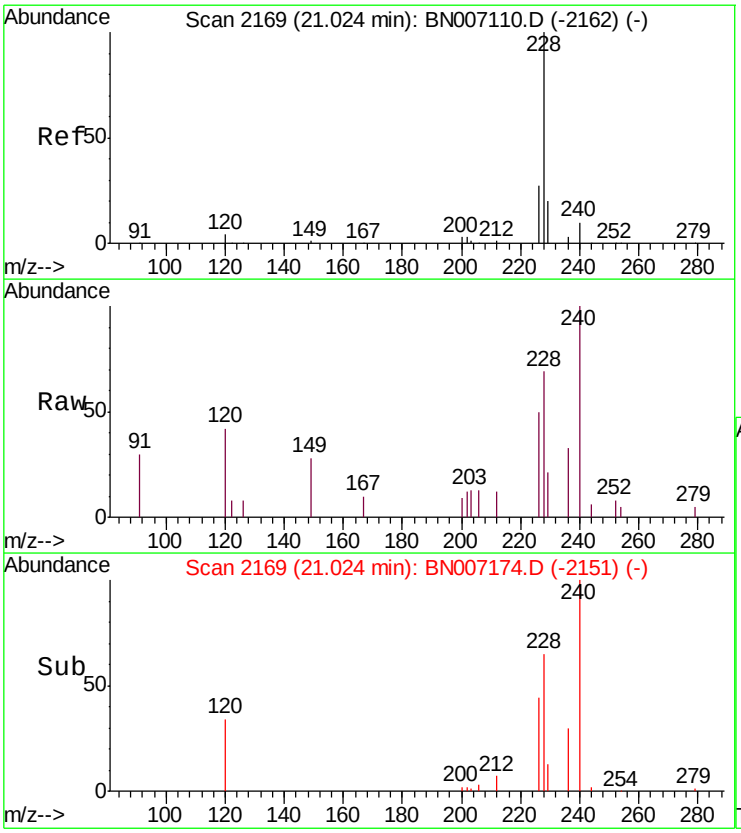
#28
Terphenyl-d14
Concen: 0.395 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190806

Tgt Ion:244 Resp: 38039

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	9.1	7.4	11.2

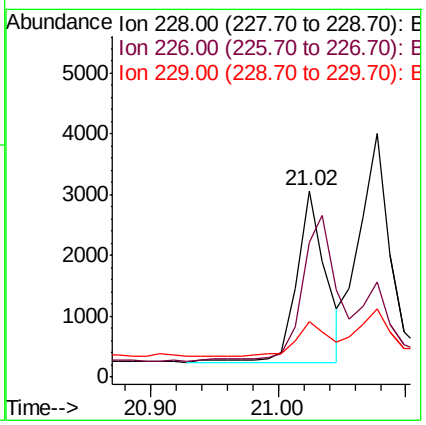


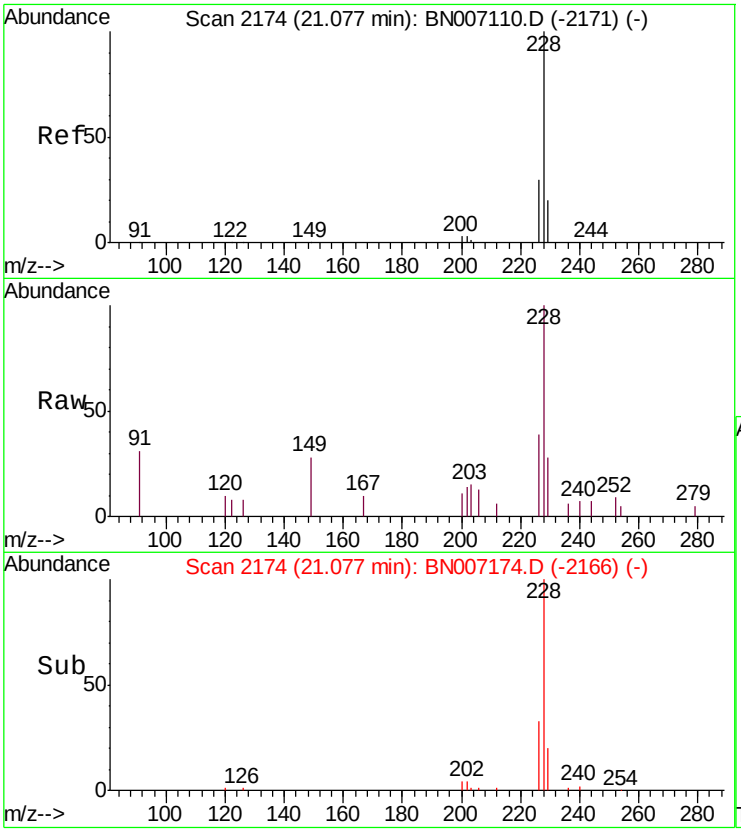


#29
Benzo(a)anthracene
Concen: 0.034 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Tgt Ion:228 Resp: 4430

Ion	Ratio	Lower	Upper
228	100		
226	72.2	21.8	32.6#
229	30.0	15.6	23.4#



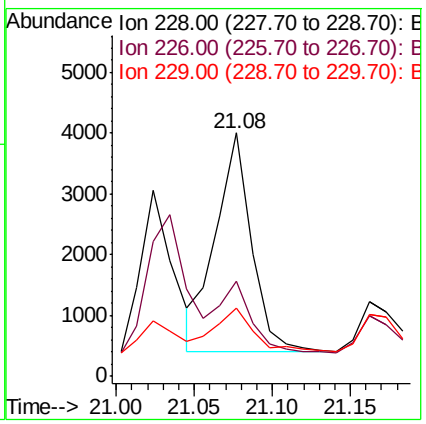


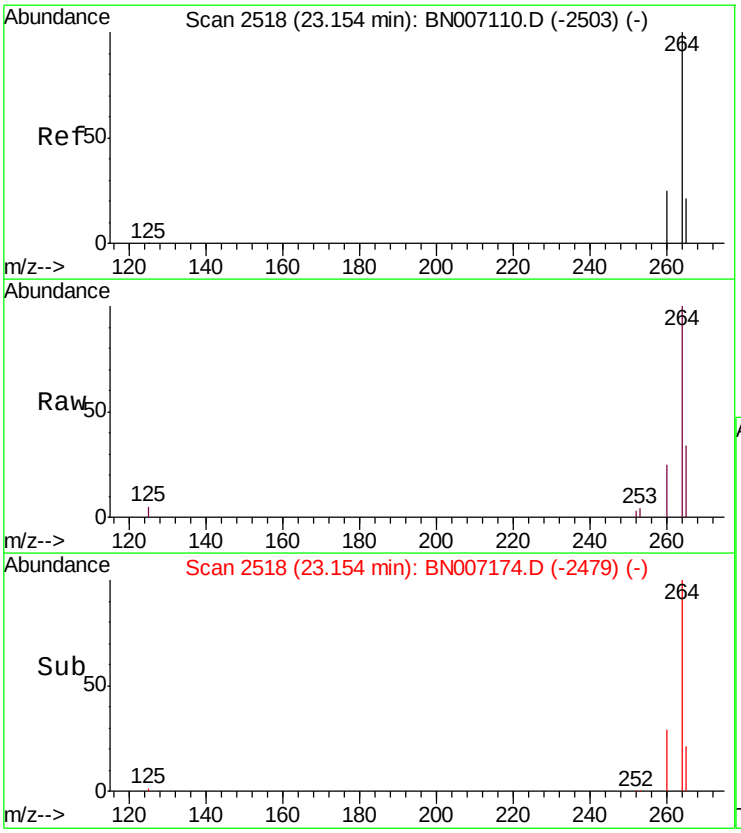
#30
Chrysene
Concen: 0.046 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190806

Tgt Ion:228 Resp: 5771

Ion	Ratio	Lower	Upper
228	100		
226	38.9	23.8	35.6#
229	27.8	15.7	23.5#





#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007174.D
Acq: 14 Aug 2019 21:41

Tgt Ion:264 Resp: 40243

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.8
265	33.9	26.2	39.4