Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010148.D
Acq On : 09 Mar 2020 16:03
Operator : CG/JU
Sample : L1779-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : OUTFALL001-200303

Quant Time: Mar 09 17:23:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	912	0.40	ng	-0.05
7) Naphthalene-d8	10.13	136	3313	0.40	ng	-0.05
13) Acenaphthene-d10	14.00	164	2195	0.40	ng	-0.06
19) Phenanthrene-d10	16.78	188	4715	0.40	ng	-0.03
27) Chrysene-d12	21.00	240	4582	0.40	ng	-0.03
34) Perylene-d12	23.10	264	4210	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	82	0.04	ng	-0.02
5) Phenol-d6	6.62	99	158	0.06	ng	-0.02
8) Nitrobenzene-d5	8.55	82	998	0.36	ng	-0.04
11) 2-Methylnaphthalene-d10	11.71	152	1911	0.30	ng	-0.07
14) 2,4,6-Tribromophenol	15.56	330	13	0.02	ng	-0.02
15) 2-Fluorobiphenyl	12.62	172	3143	0.38	ng	-0.07
25) Fluoranthene-d10	18.83	212	4589	0.28	ng	-0.03
29) Terphenyl-d14	19.43	244	4355	0.40	ng	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	36	0.039	ng	# 1
3) n-Nitrosodimethylamine	3.40	42	36	0.023	ng	# 22
9) Naphthalene	10.18	128	281	0.031	ng	# 29
12) 2-Methylnaphthalene	11.79	142	172	0.028	ng	# 83
20) 4-Bromophenyl-phenylether	16.01	248	118	Below Cal		# 71
22) Pentachlorophenol	16.51	266	26	0.205	ng	# 75
31) Chrysene	21.05	228	385	0.022	ng	# 76
32) Bis(2-ethylhexyl)phthalate	20.92	149	567	0.076	ng	99
35) Benzo(b)fluoranthene	22.50	252	459	0.030	ng	# 14
36) Benzo(k)fluoranthene	22.54	252	445	0.027	ng	# 4
39) Benzo(g,h,i)perylene	25.79	276	316	0.021	ng	# 25

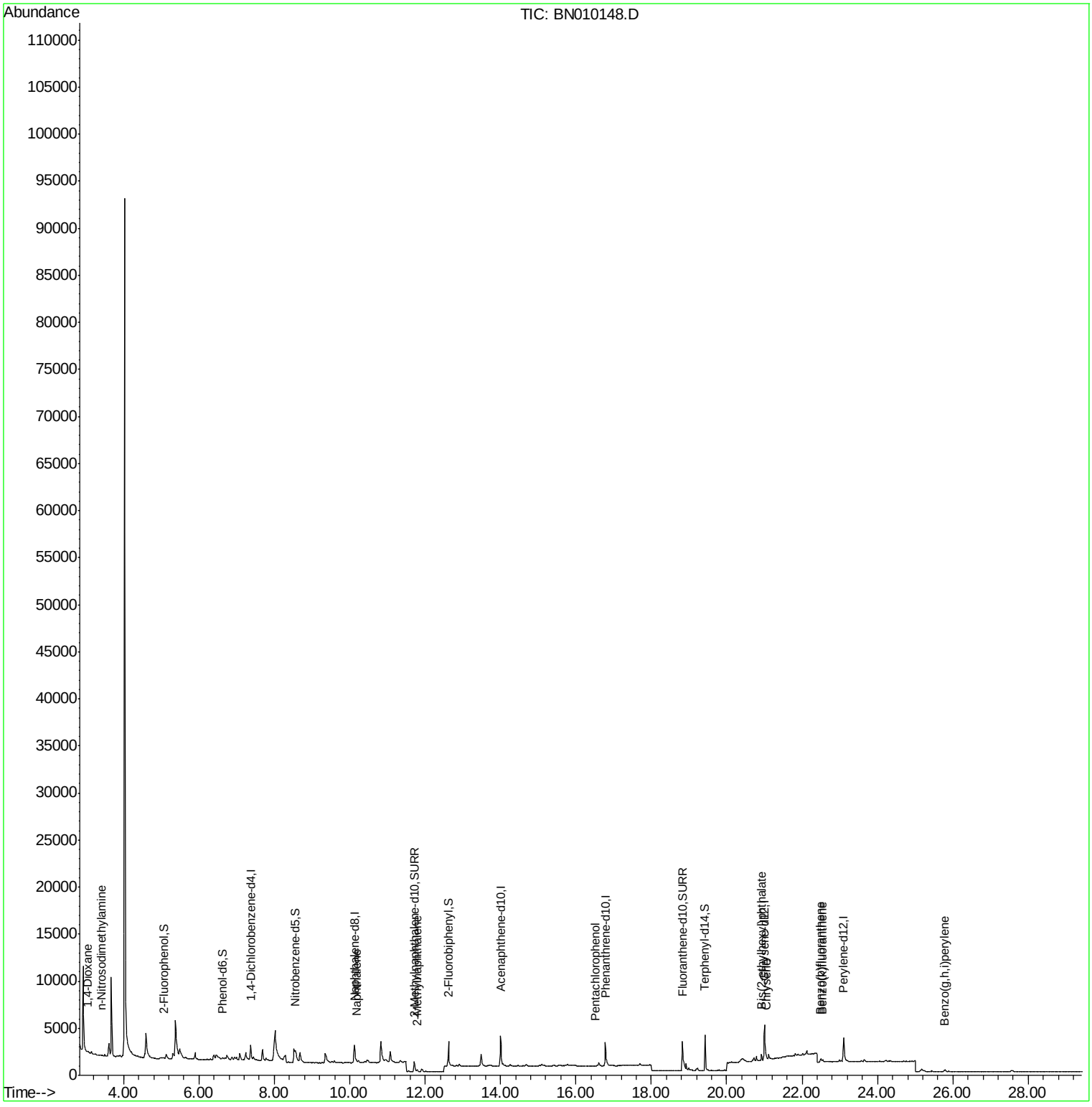
(#) = qualifier out of range (m) = manual integration (+) = signals summed

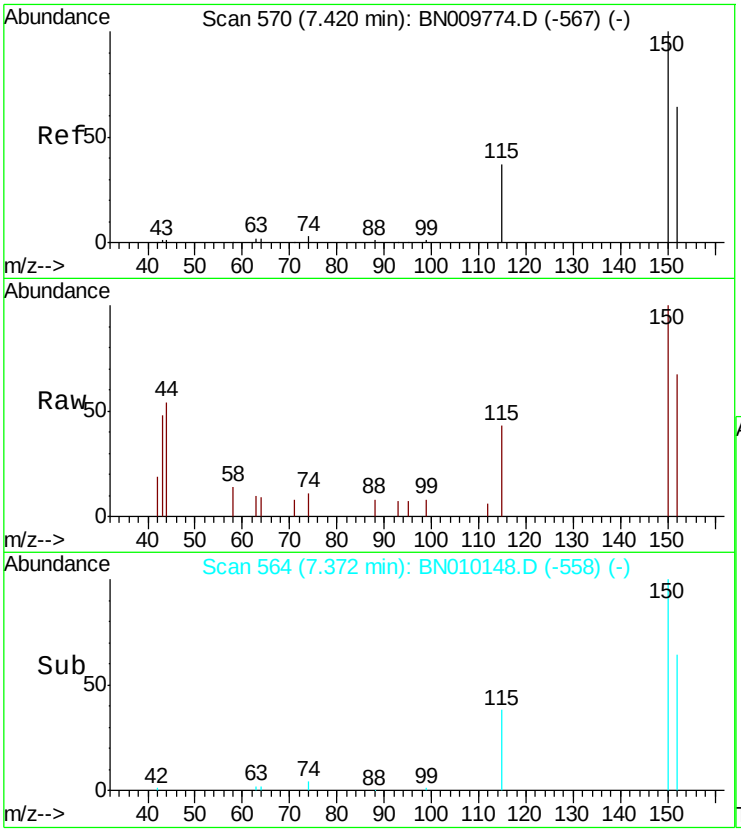
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010148.D
Acq On : 09 Mar 2020 16:03
Operator : CG/JU
Sample : L1779-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Quant Time: Mar 09 17:23:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



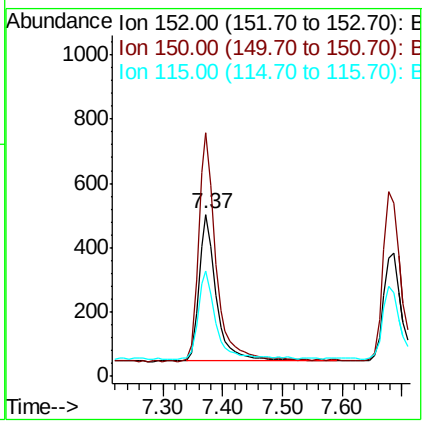


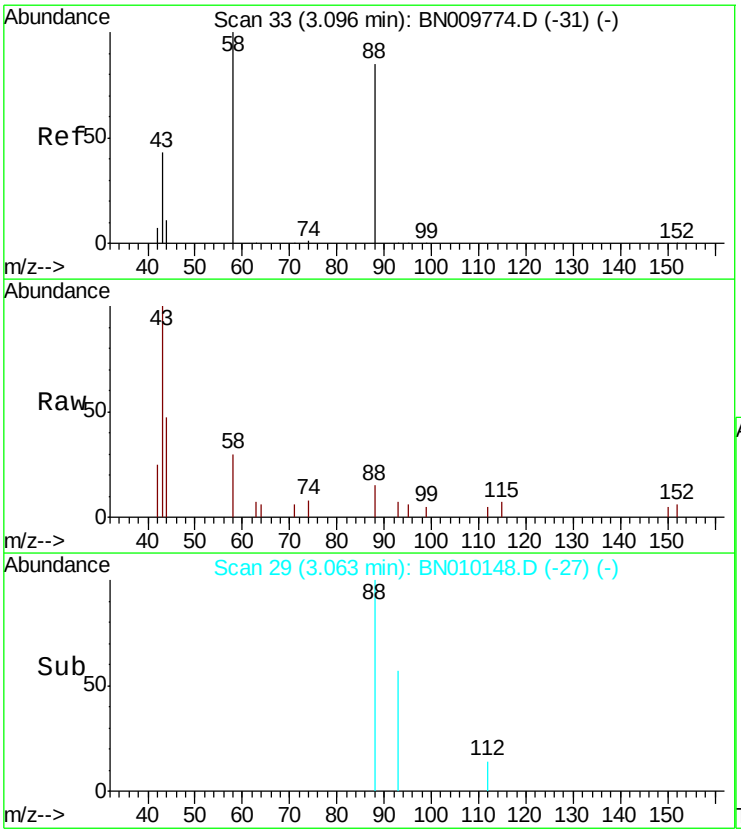
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Tgt Ion:152 Resp: 912

Ion	Ratio	Lower	Upper
152	100		
150	150.2	120.6	181.0
115	64.7	51.2	76.8

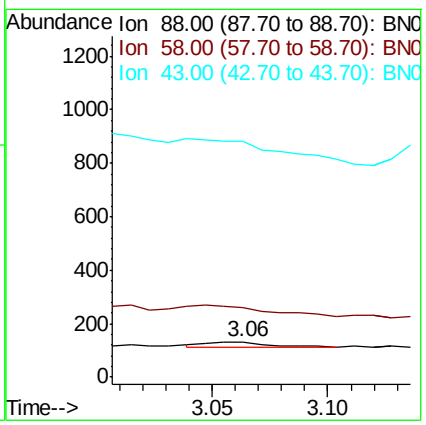


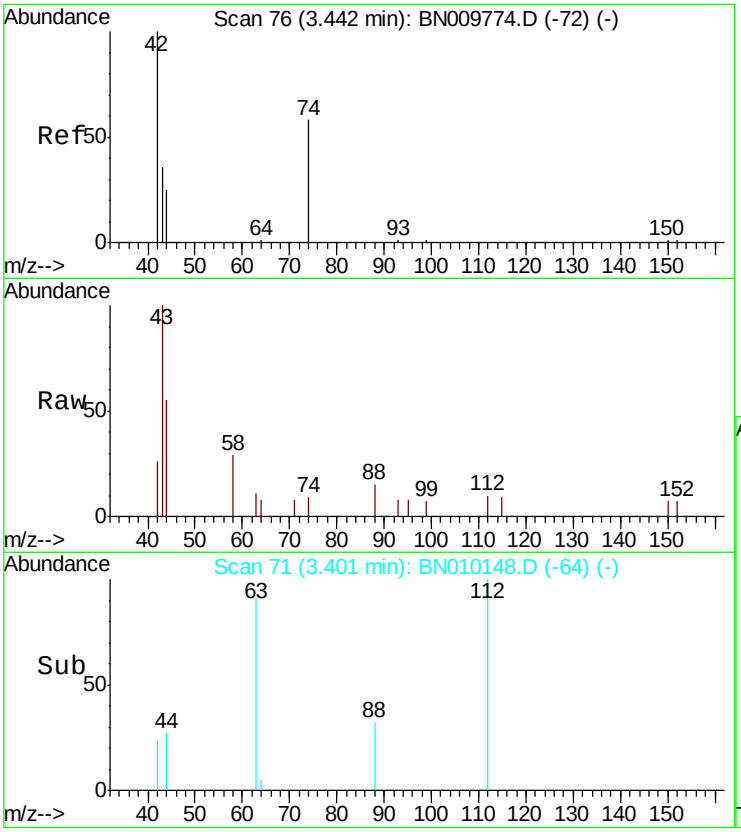


#2
1,4-Dioxane
Concen: 0.039 ng
RT: 3.06 min Scan# 29
Delta R.T. -0.03 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Tgt Ion: 88 Resp: 36

Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.8	146.8#
43	0.0	45.1	67.7#



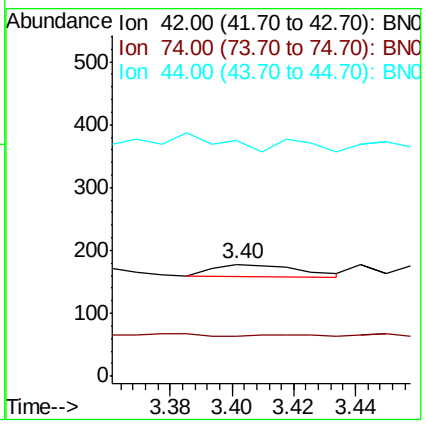


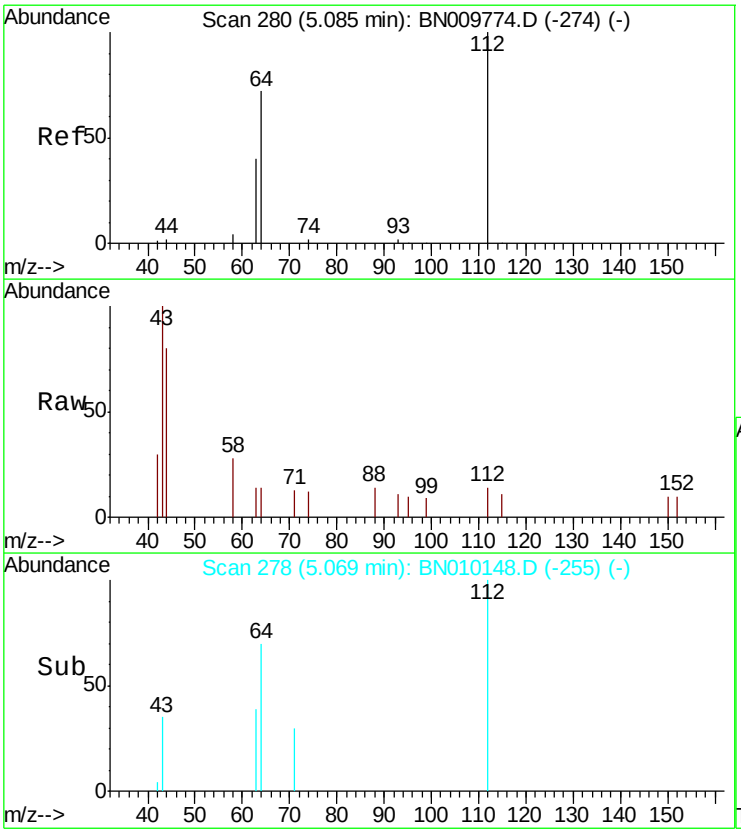
#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.40 min Scan# 71
Delta R.T. -0.04 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Tgt Ion: 42 Resp: 36

Ion	Ratio	Lower	Upper
42	100		
74	5.6	51.2	76.8#
44	47.2	2.6	4.0#

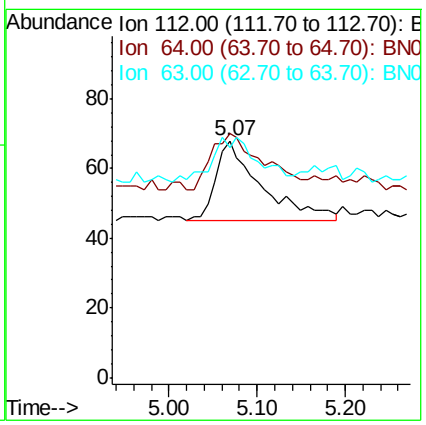


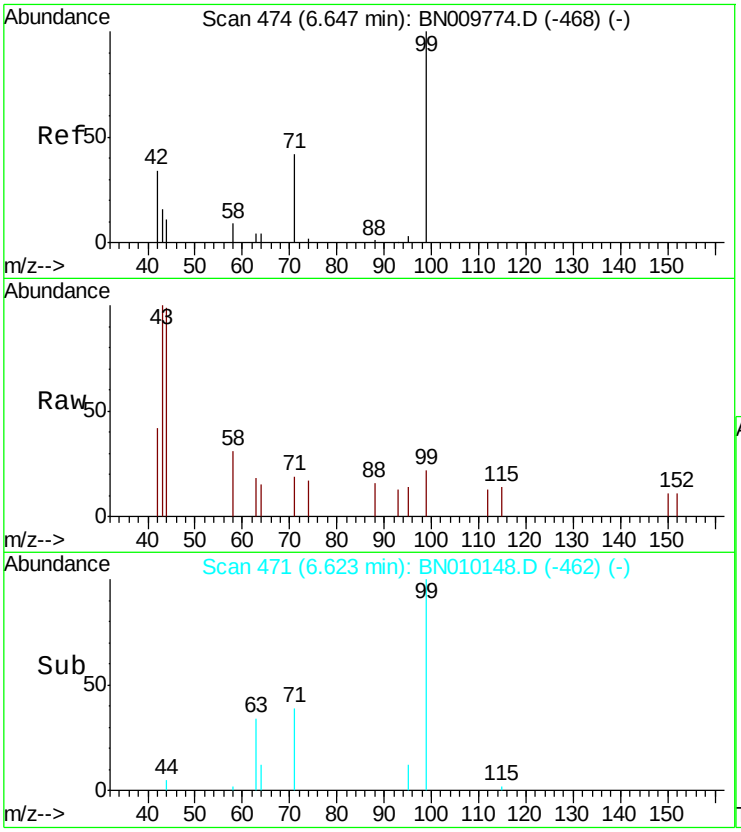


#4
2-Fluorophenol
Concen: 0.040 ng
RT: 5.07 min Scan# 278
Delta R.T. -0.02 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Tgt Ion:112 Resp: 82

Ion	Ratio	Lower	Upper
112	100		
64	80.5	65.8	98.6
63	57.3	38.7	58.1



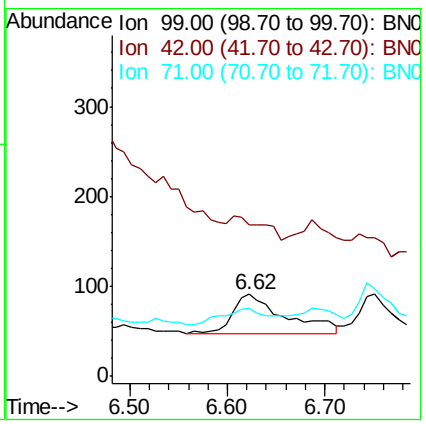


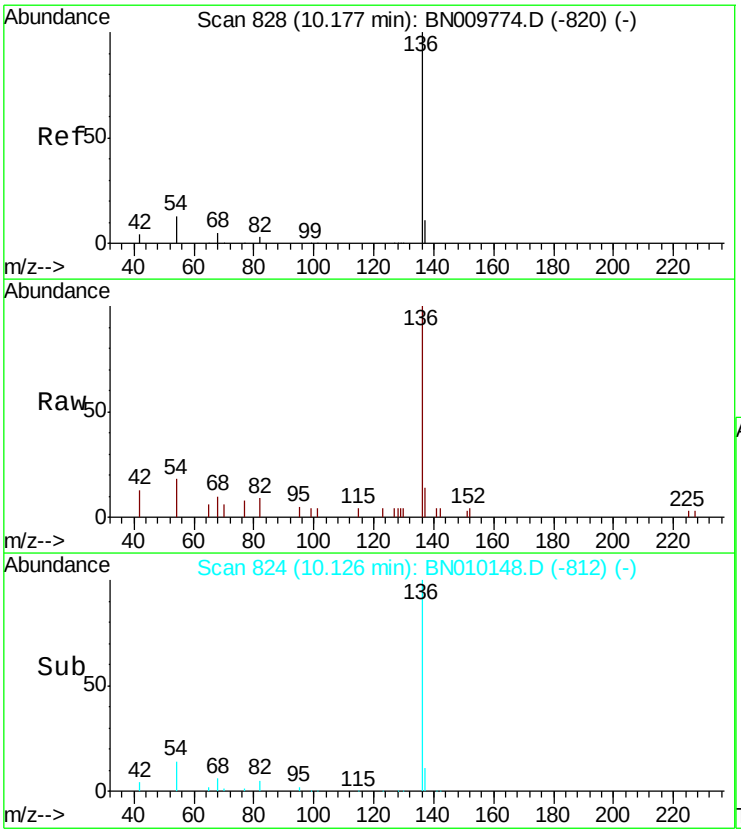
#5
Phenol-d6
Concen: 0.064 ng
RT: 6.62 min Scan# 471
Delta R.T. -0.02 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Tgt Ion: 99 Resp: 158

Ion	Ratio	Lower	Upper
99	100		
42	0.0	30.8	46.2#
71	33.5	34.9	52.3#

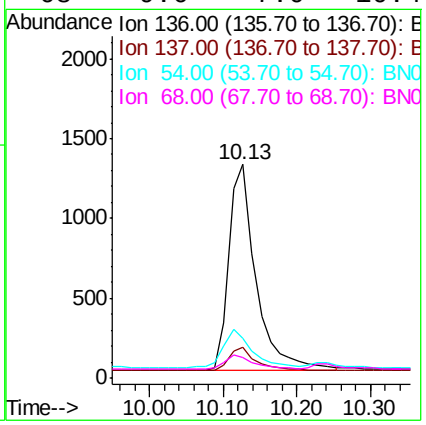


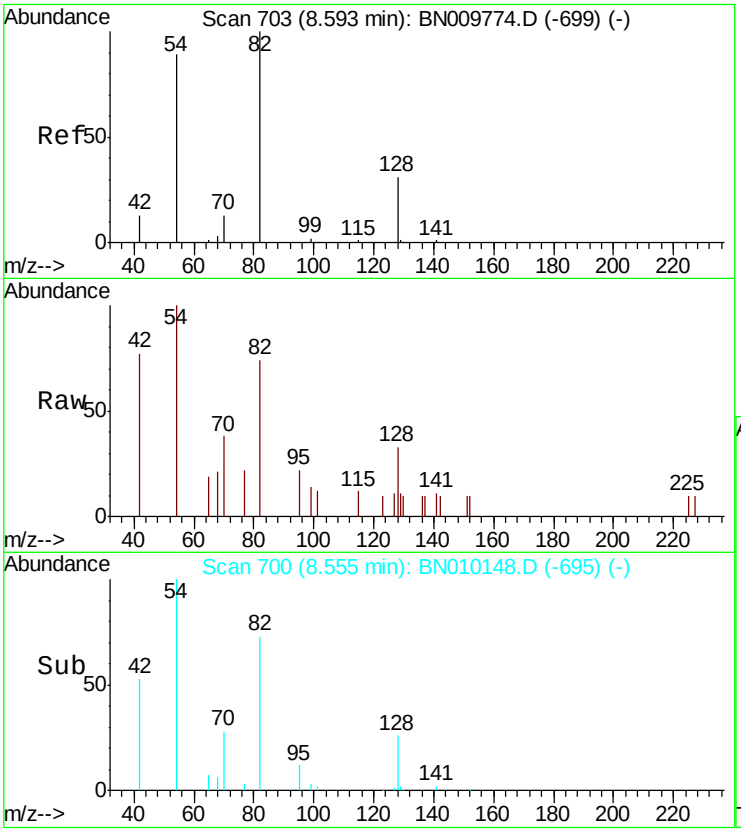


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 824
Delta R.T. -0.05 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Tgt Ion:136 Resp: 3313

Ion	Ratio	Lower	Upper
136	100		
137	14.2	11.3	16.9
54	18.5	13.4	20.2
68	9.6	7.0	10.4



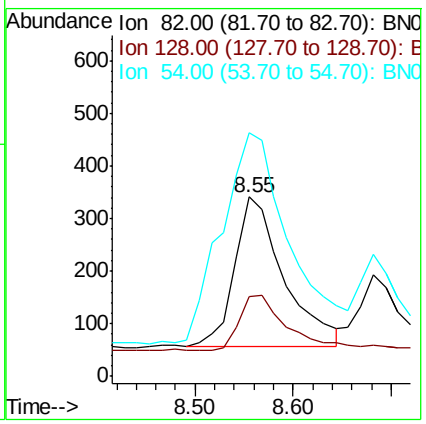


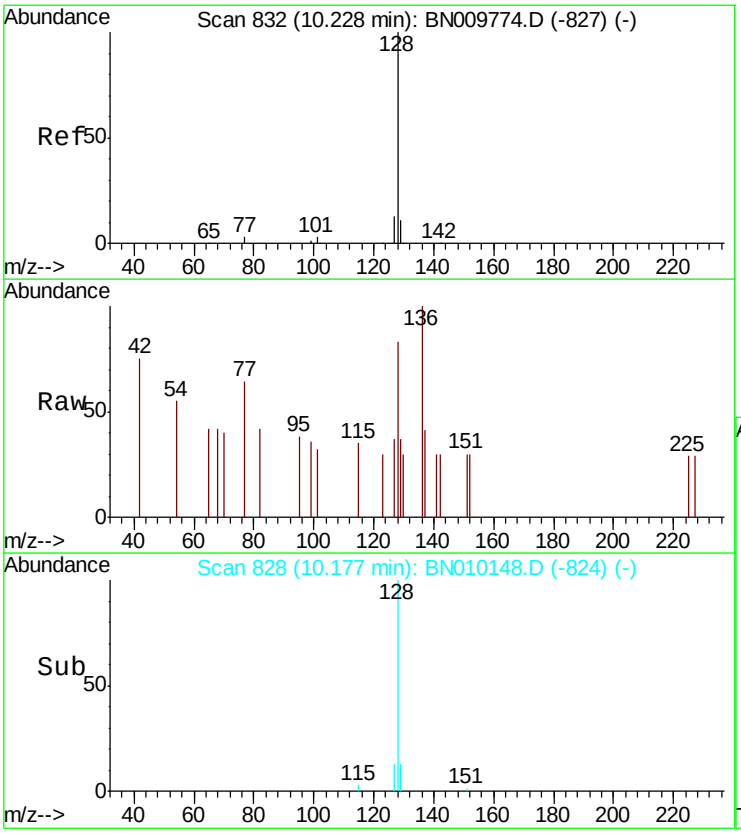
#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.55 min Scan# 700
Delta R.T. -0.04 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Tgt Ion: 82 Resp: 998

Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.5	48.7
54	135.8	73.5	110.3#

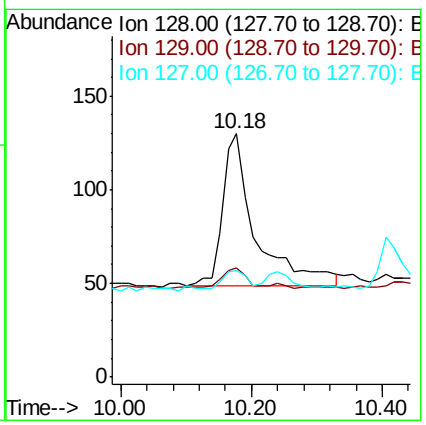


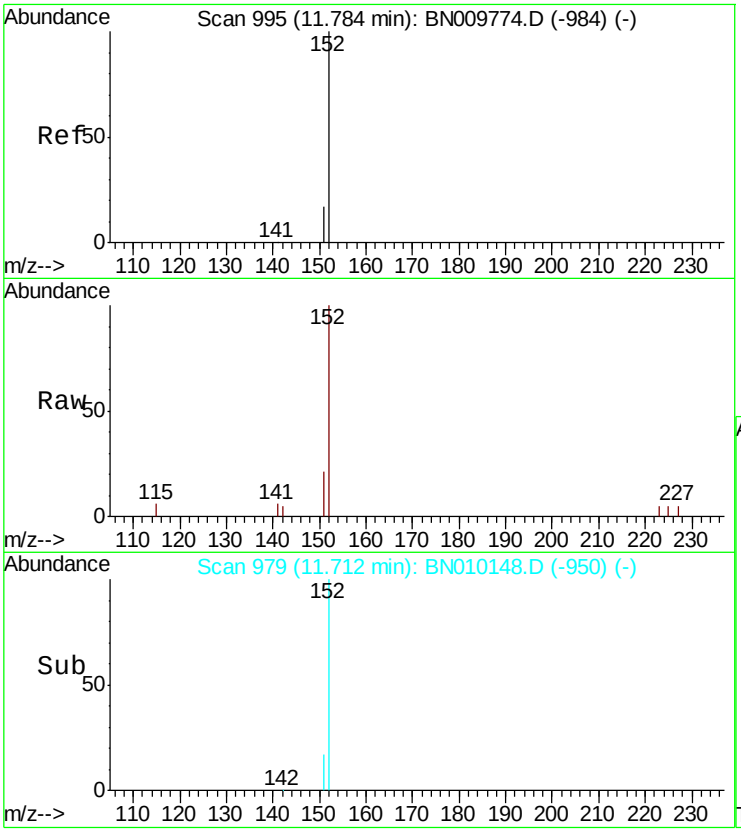


#9
Naphthalene
Concen: 0.031 ng
RT: 10.18 min Scan# 828
Delta R.T. -0.05 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Tgt Ion:128 Resp: 281

Ion	Ratio	Lower	Upper
128	100		
129	44.6	11.1	16.7#
127	43.8	12.6	19.0#



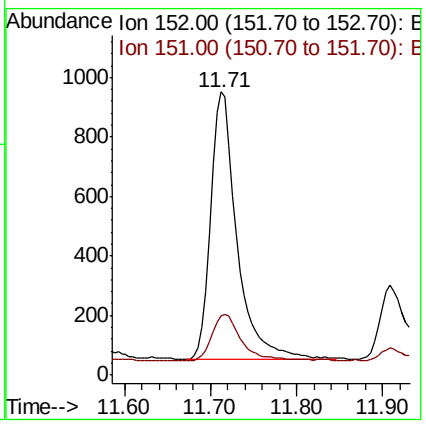


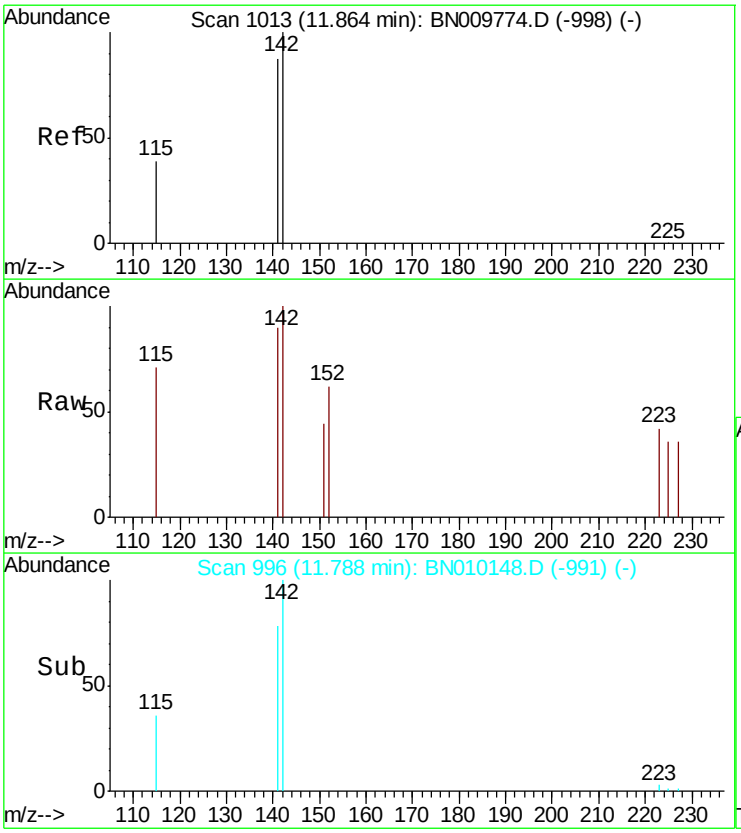
#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 11.71 min Scan# 979
Delta R.T. -0.07 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Tgt Ion:152 Resp: 1911

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.1	22.7

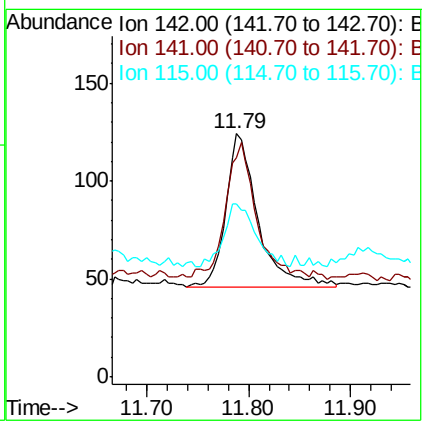


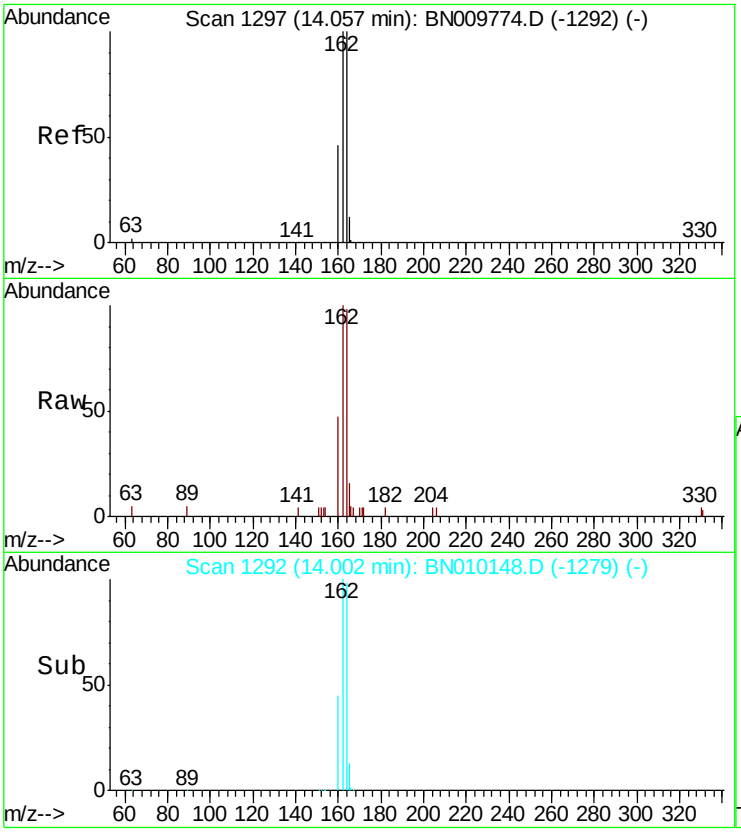


#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 11.79 min Scan# 996
Delta R.T. -0.08 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Tgt Ion:142 Resp: 172

Ion	Ratio	Lower	Upper
142	100		
141	90.3	69.8	104.6
115	71.0	34.6	52.0#



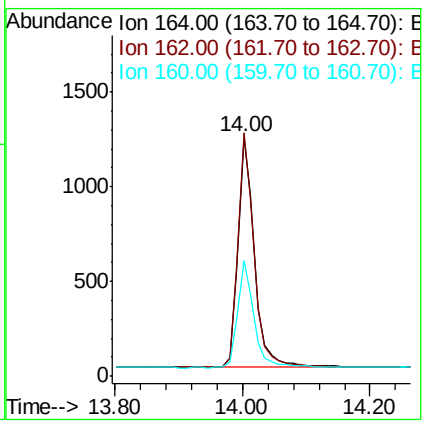


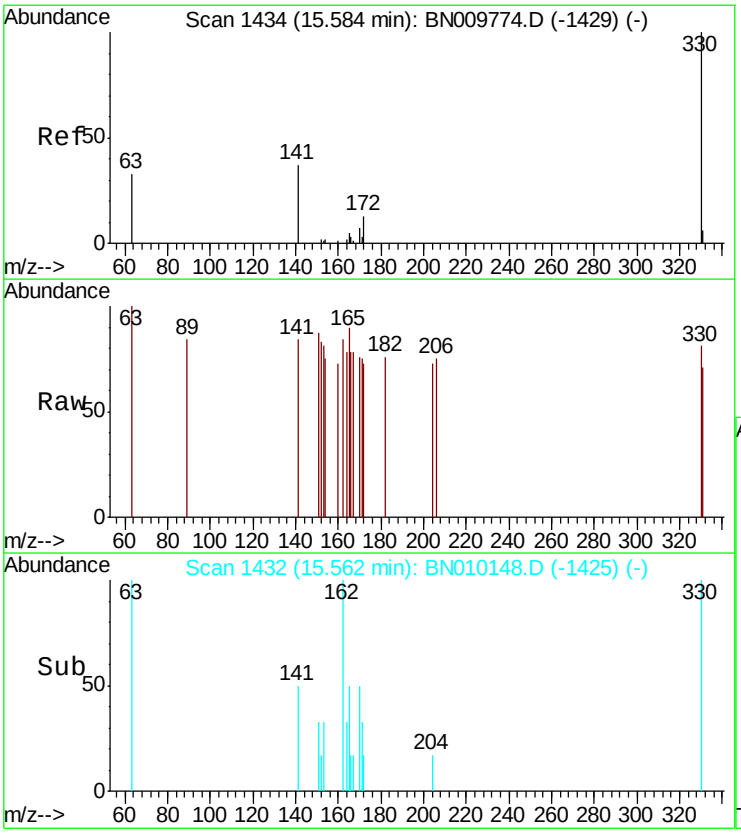
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Tgt Ion:164 Resp: 2195

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.9	119.9
160	48.2	38.2	57.2

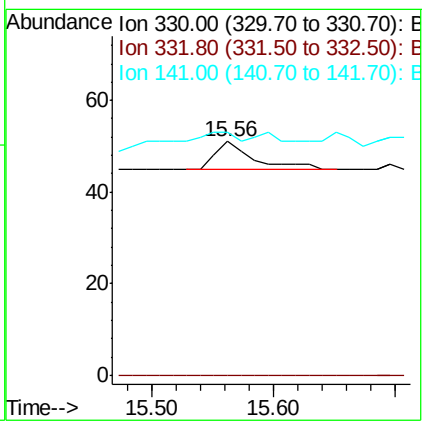


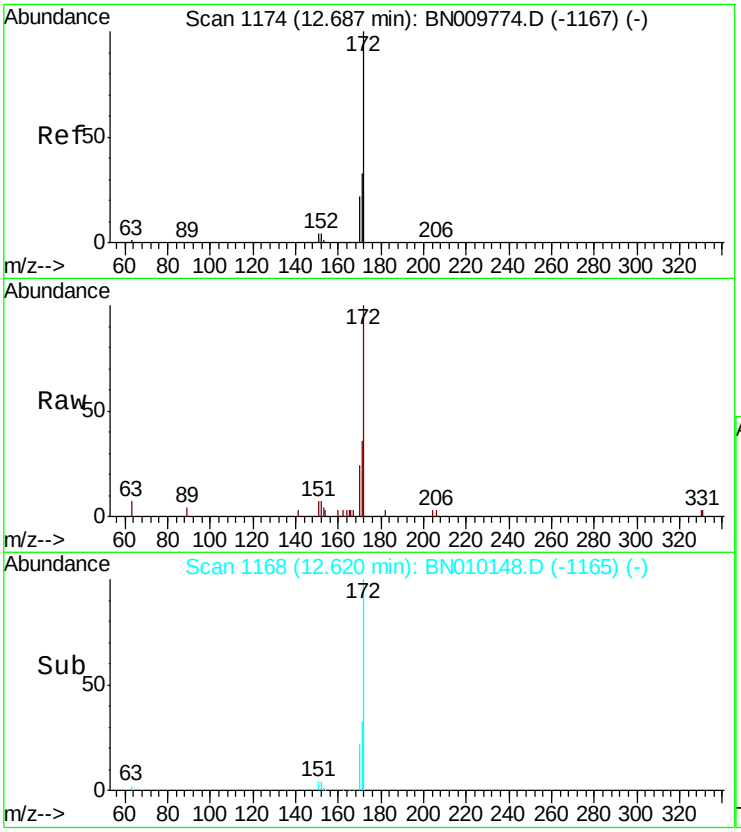


#14
2,4,6-Tribromophenol
Concen: 0.015 ng
RT: 15.56 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Tgt Ion:330 Resp: 13

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	115.4	36.8	55.2#



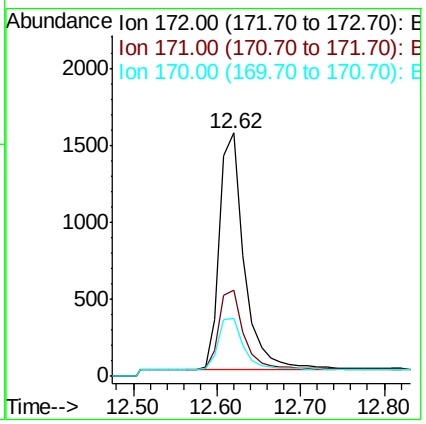


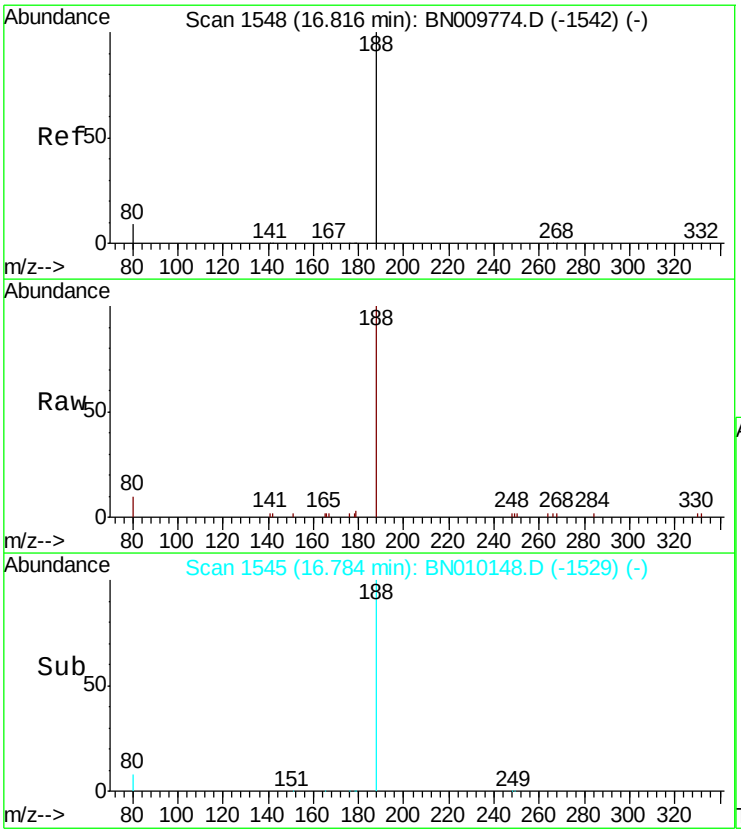
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.62 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Tgt Ion:172 Resp: 3143

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.7	43.1
170	24.0	20.1	30.1

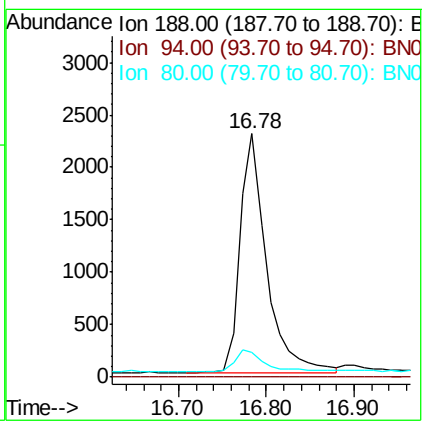


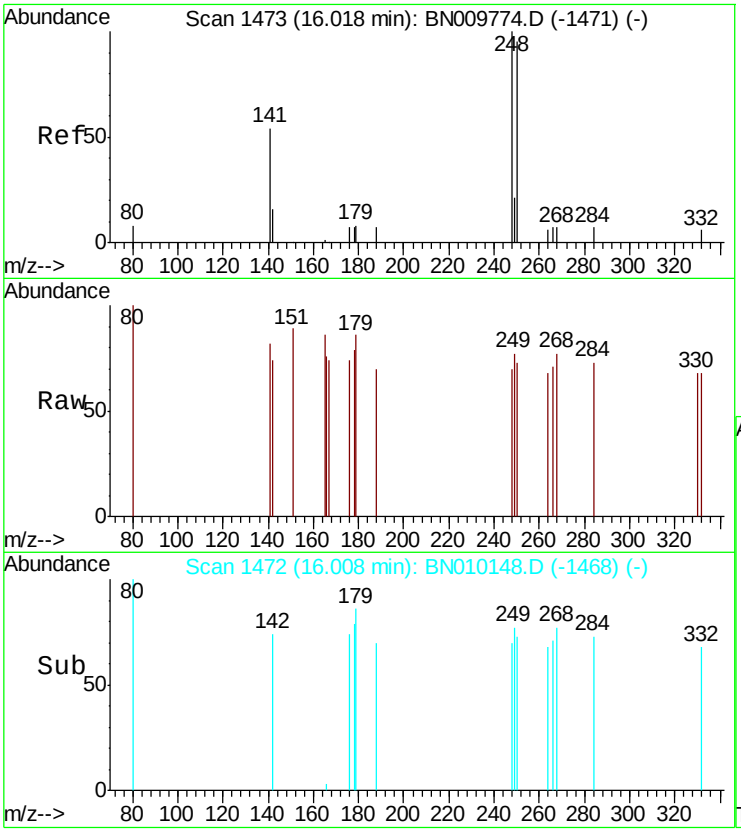


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Tgt Ion:188 Resp: 4715

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	8.3	12.5



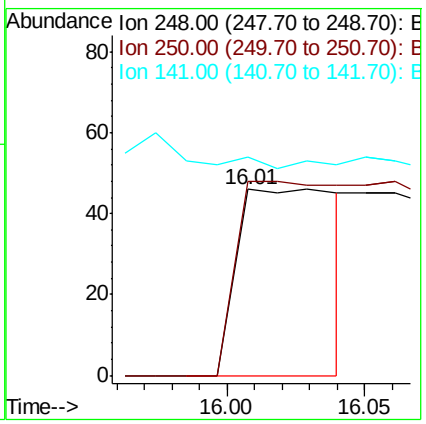


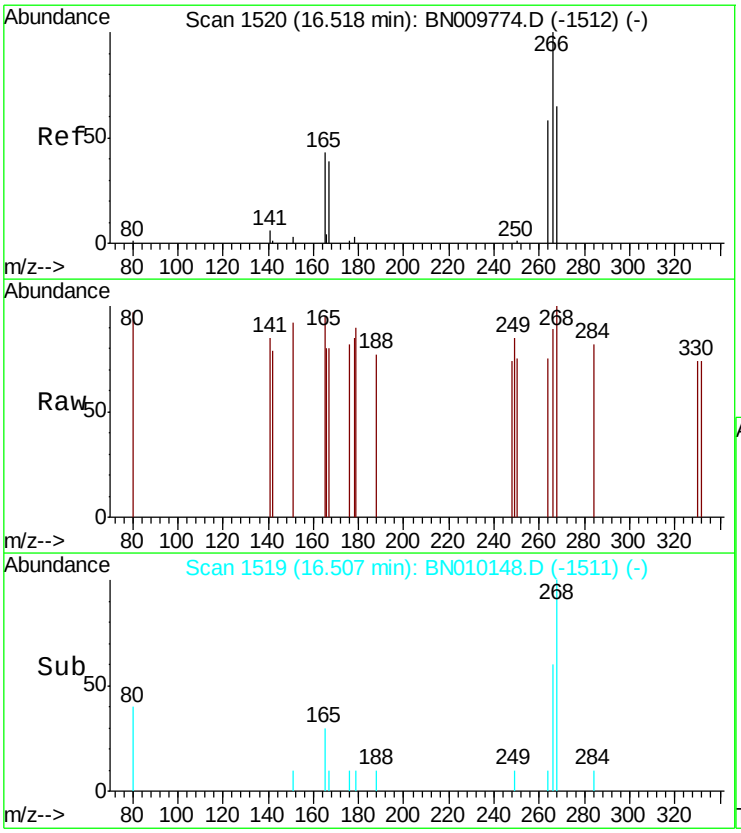
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Tgt Ion:248 Resp: 118

Ion	Ratio	Lower	Upper
248	100		
250	104.3	76.2	114.4
141	117.4	57.8	86.6#

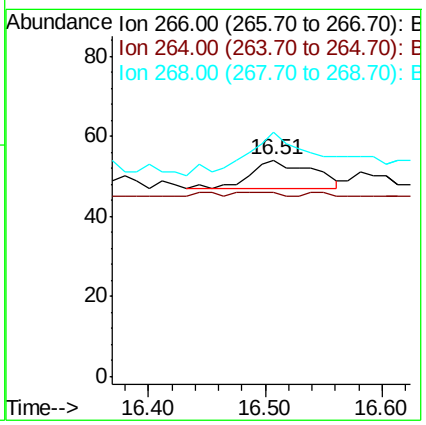


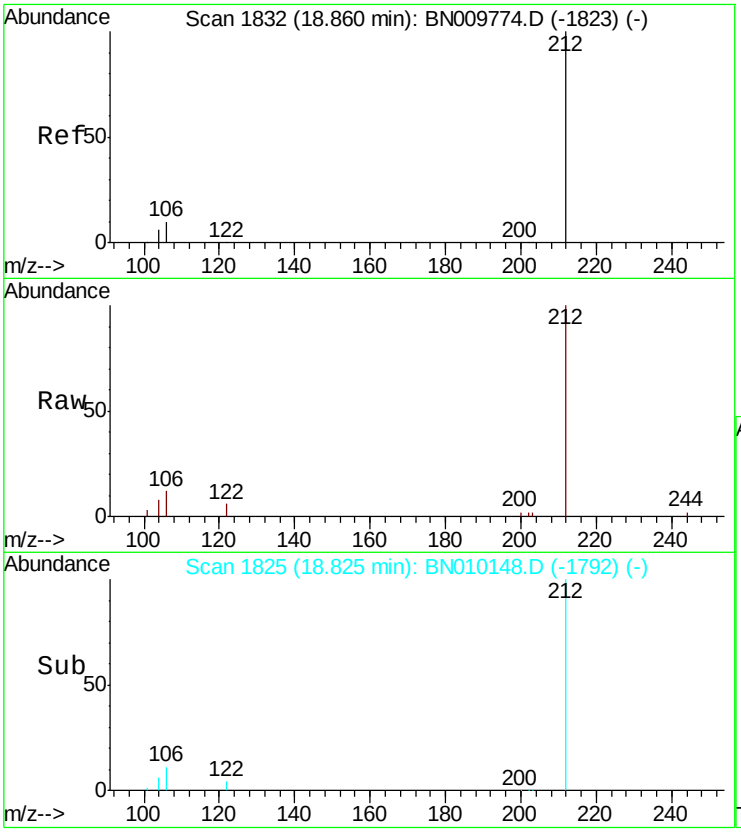


#22
Pentachlorophenol
Concen: 0.205 ng
RT: 16.51 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Tgt Ion:266 Resp: 26

Ion	Ratio	Lower	Upper
266	100		
264	85.2	58.1	87.1
268	113.0	65.7	98.5#



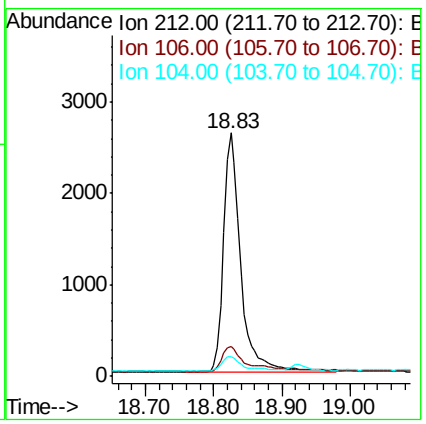


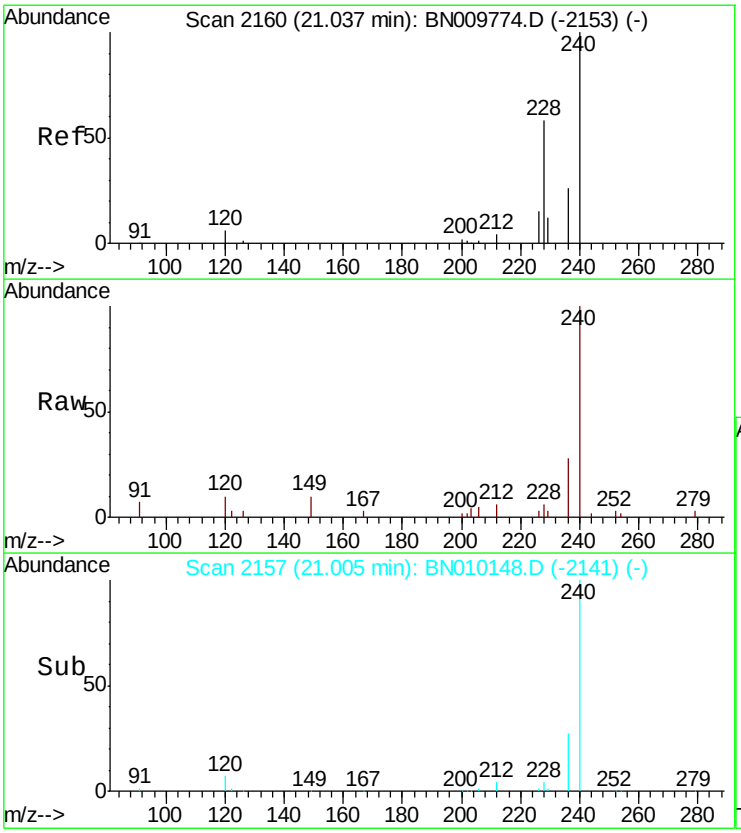
#25
Fluoranthene-d10
Concen: 0.281 ng
RT: 18.83 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Tgt Ion:212 Resp: 4589

Ion	Ratio	Lower	Upper
212	100		
106	11.2	8.4	12.6
104	7.5	4.8	7.2#

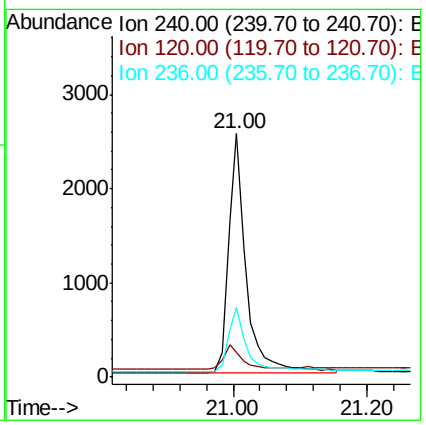


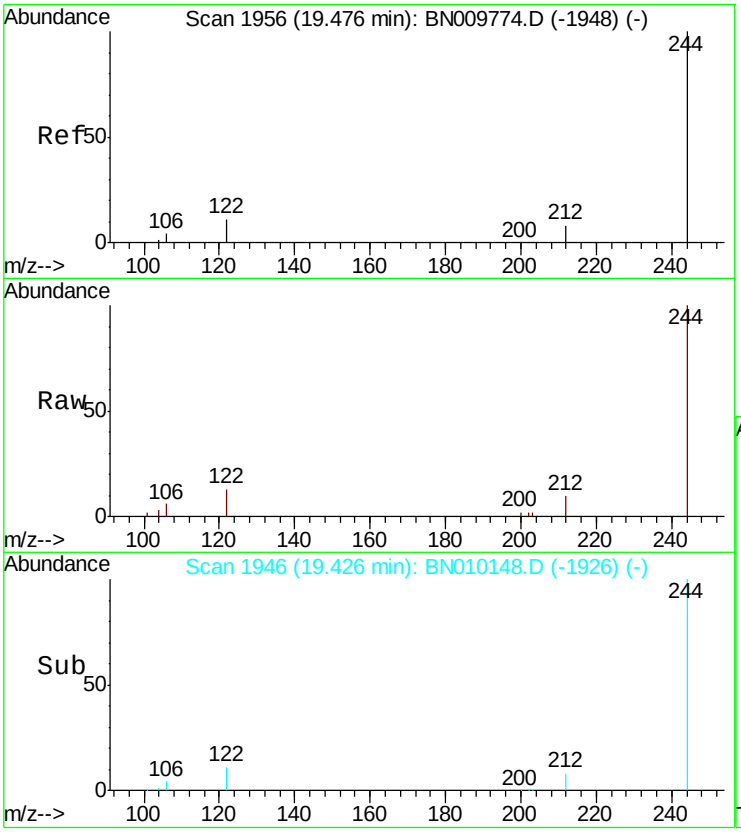


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Tgt Ion:240 Resp: 4582

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.9	11.9
236	28.3	22.0	33.0



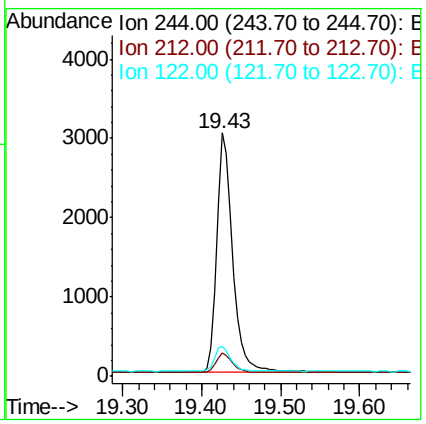


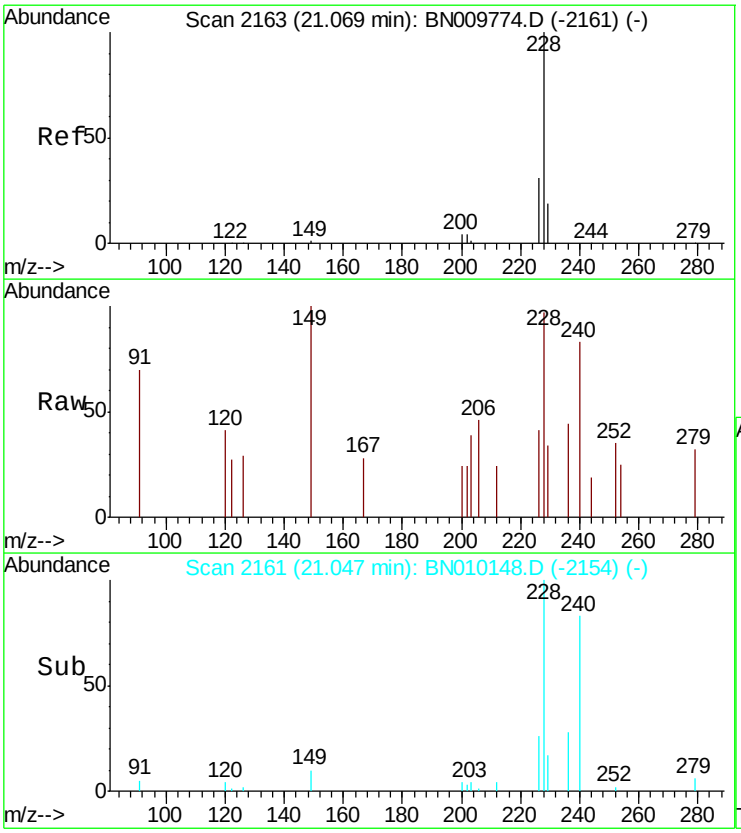
#29
Terphenyl-d14
Concen: 0.398 ng
RT: 19.43 min Scan# 1946
Delta R.T. -0.05 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Tgt Ion:244 Resp: 4355

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.0	12.0
122	12.5	10.0	15.0

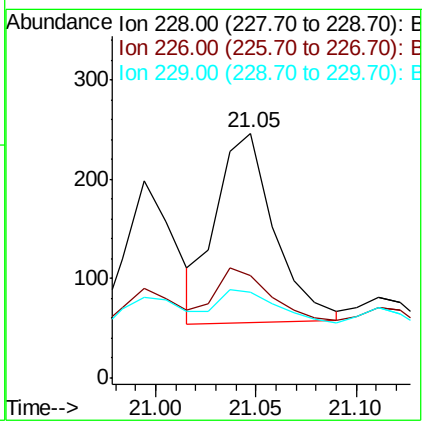


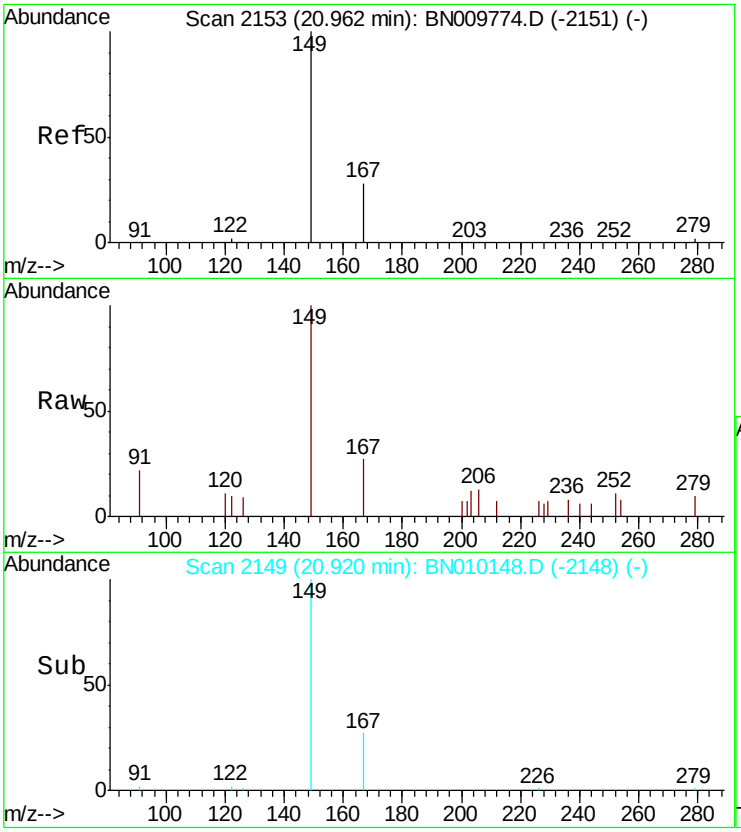


#31
Chrysene
Concen: 0.022 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Tgt Ion:228 Resp: 385

Ion	Ratio	Lower	Upper
228	100		
226	41.9	24.8	37.2#
229	35.0	16.4	24.6#



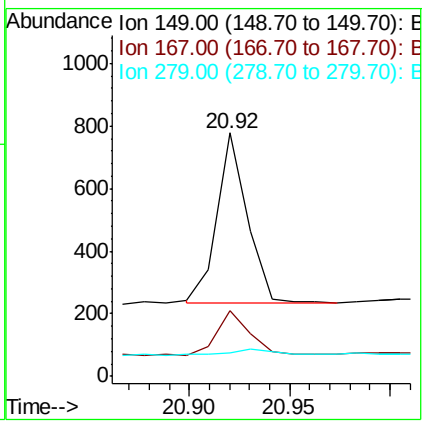


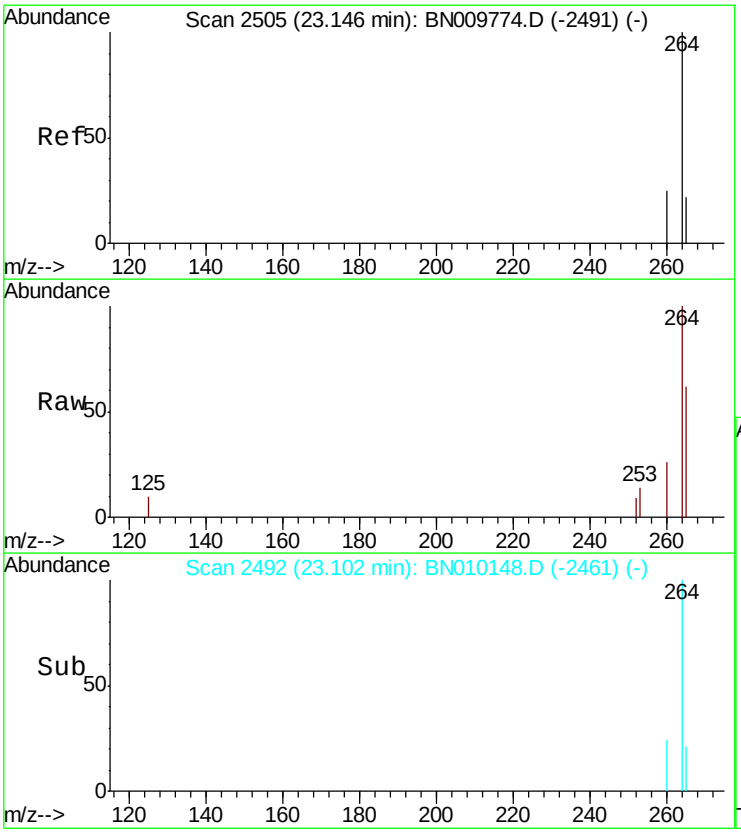
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.076 ng
RT: 20.92 min Scan# 2149
Delta R.T. -0.04 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Tgt Ion:149 Resp: 567

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.7	34.1
279	4.4	3.1	4.7

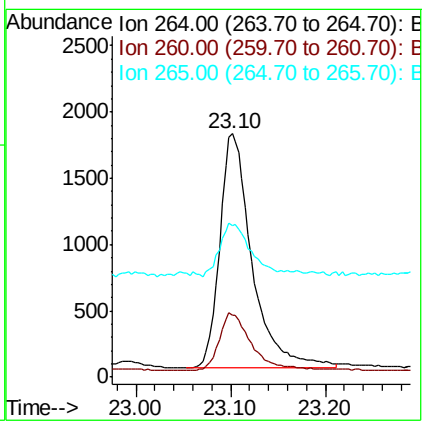


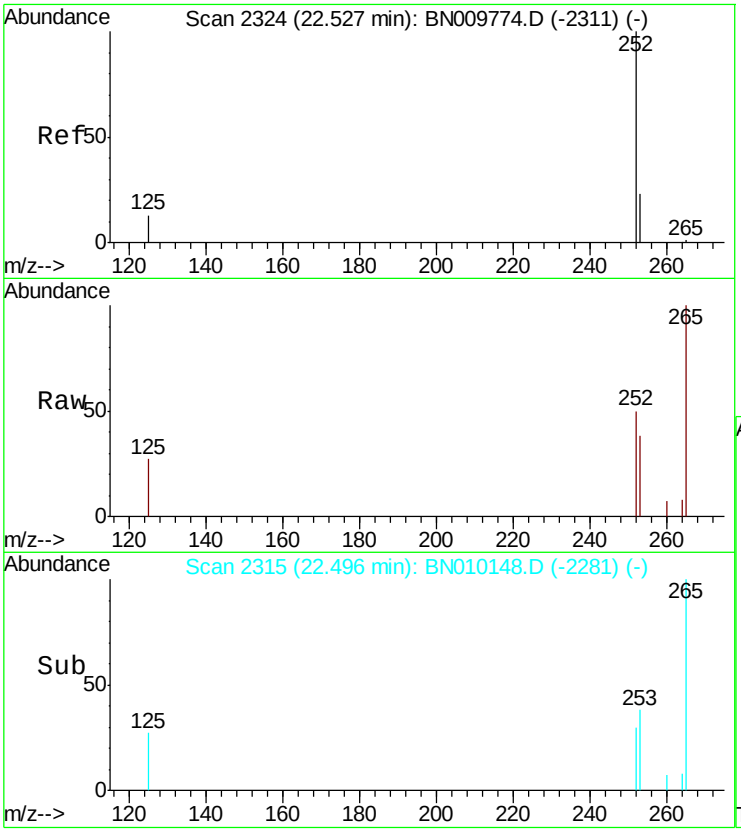


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2492
Delta R.T. -0.04 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Tgt Ion:264 Resp: 4210

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.1	31.7
265	62.2	57.5	86.3



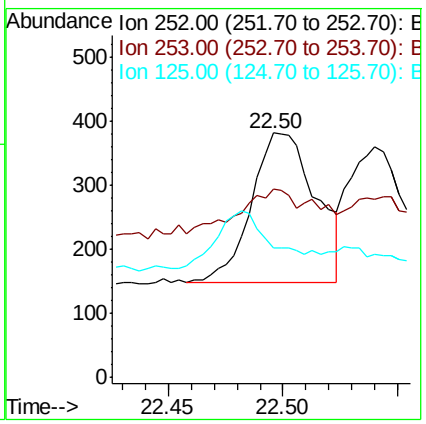


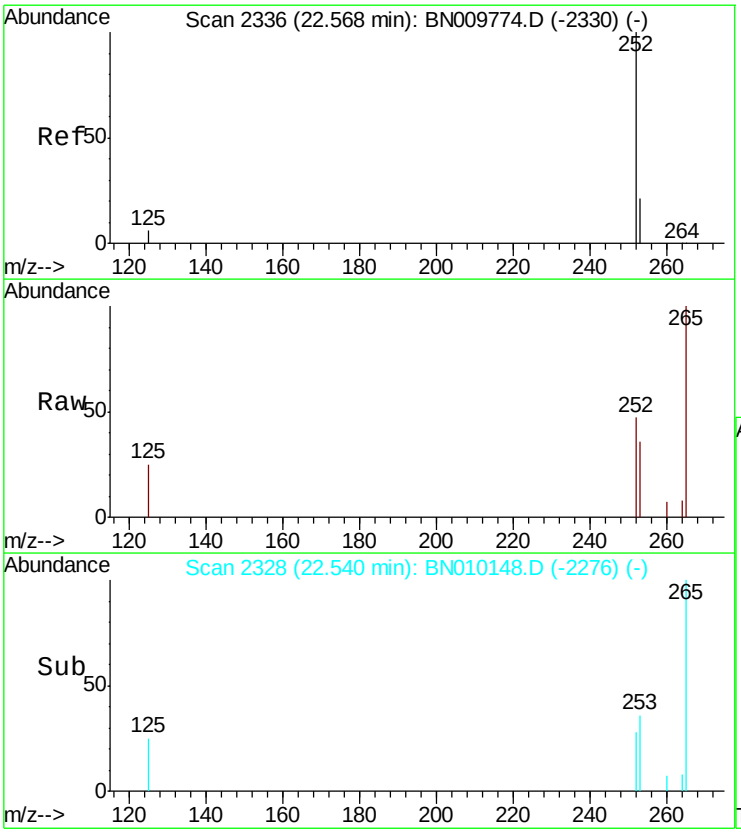
#35
Benzo(b)fluoranthene
Concen: 0.030 ng
RT: 22.50 min Scan# 2315
Delta R.T. -0.03 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Tgt Ion:252 Resp: 459

Ion	Ratio	Lower	Upper
252	100		
253	76.9	23.0	34.6#
125	53.0	14.4	21.6#

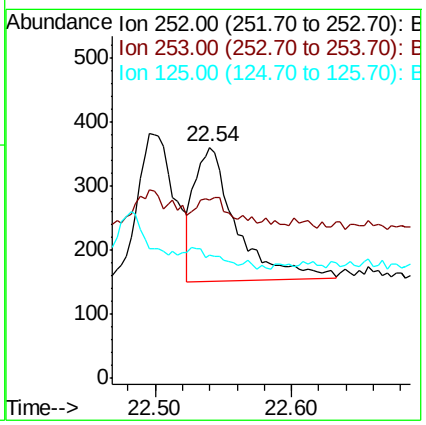


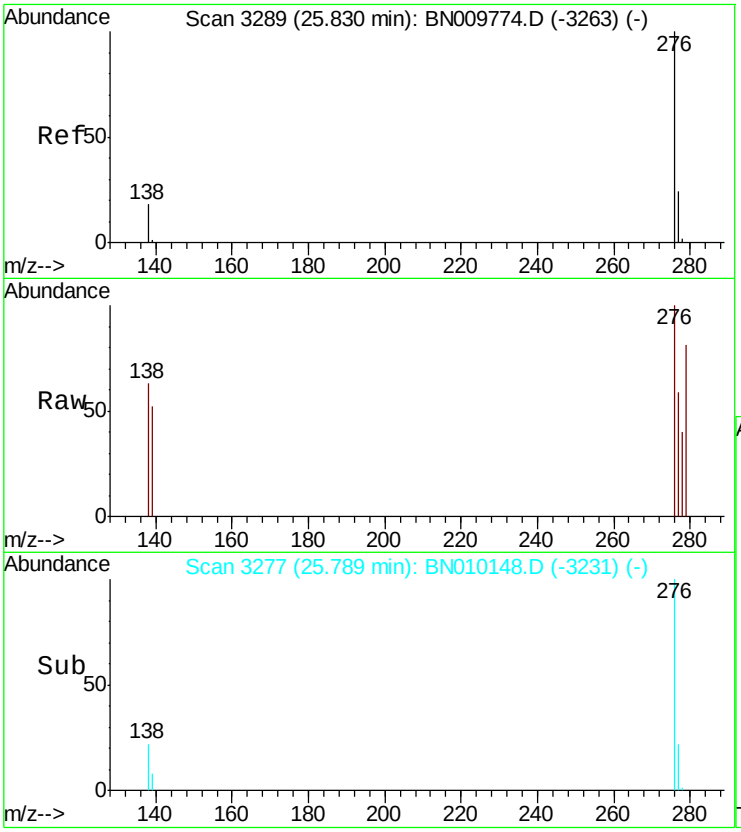


#36
Benzo(k)fluoranthene
Concen: 0.027 ng
RT: 22.54 min Scan# 2328
Delta R.T. -0.03 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Tgt Ion:252 Resp: 445

Ion	Ratio	Lower	Upper
252	100		
253	76.9	22.2	33.2#
125	53.3	10.5	15.7#





#39
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 25.79 min Scan# 3277
Delta R.T. -0.04 min
Lab File: BN010148.D
Acq: 09 Mar 2020 16:03

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200303

Tgt Ion:276 Resp: 316

Ion	Ratio	Lower	Upper
276	100		
277	59.0	21.4	32.0#
138	63.3	16.6	24.8#