Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003329.D
Acq On : 18 Sep 2020 19:23
Operator : CG/JU
Sample : L3871-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-091720

Quant Time: Sep 19 06:19:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 14:13:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.599	152	182973	20.00	ng		0.00
21) Naphthalene-d8	10.375	136	745789	20.00	ng		# 0.00
39) Acenaphthene-d10	14.245	164	452424	20.00	ng		0.00
64) Phenanthrene-d10	17.004	188	916823	20.00	ng		0.00
76) Chrysene-d12	21.104	240	685812	20.00	ng		0.00
86) Perylene-d12	23.321	264	679059	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.216	112	1018506	97.20	ng		0.00
7) Phenol-d6	6.799	99	1297991	92.93	ng		0.00
23) Nitrobenzene-d5	8.751	82	863176	68.00	ng		0.00
42) 2,4,6-Tribromophenol	15.751	330	543858	78.81	ng		0.00
45) 2-Fluorobiphenyl	12.869	172	1895787	61.28	ng		0.00
79) Terphenyl-d14	19.586	244	2149946	65.32	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.428	128	335741	8.52	ng		100
32) Benzoic acid	9.728	122	43	9.16	ng	#	1
33) 4-Chloroaniline	10.428	127	44657	2.67	ng	#	35
37) 2-Methylnaphthalene	12.051	142	92641	3.25	ng		98
38) 1-Methylnaphthalene	12.051	142	92641	3.42	ng		96
41) Hexachlorocyclopentadiene	12.657	237	30	6.85	ng		94
49) Acenaphthylene	13.969	152	102574	2.40	ng		99
50) Dimethylphthalate	13.710	163	398950	11.04	ng		100
54) 2,4-Dinitrophenol	14.375	184	16	7.26	ng	#	1
58) Fluorene	15.304	166	98891	3.02	ng		99
70) Pentachlorophenol	16.892	266	33	6.78	ng		96
71) Phenanthrene	17.045	178	472964	9.48	ng		99
72) Anthracene	17.139	178	166940	3.40	ng		100
75) Fluoranthene	19.027	202	724043	11.54	ng		99
78) Pyrene	19.380	202	743779	17.39	ng		100
81) Benzo(a)anthracene	21.092	228	333531	7.52	ng		95
83) Chrysene	21.139	228	311066	7.30	ng		97
87) Indeno(1,2,3-cd)pyrene	25.562	276	199272	3.87	ng	#	95
88) Benzo(b)fluoranthene	22.657	252	538612	12.56	ng		99
89) Benzo(k)fluoranthene	22.657	252	538612	13.11	ng		99
90) Benzo(a)pyrene	23.221	252	320211	7.92	ng		97
92) Benzo(g,h,i)perylene	26.251	276	188094	4.44	ng		98

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

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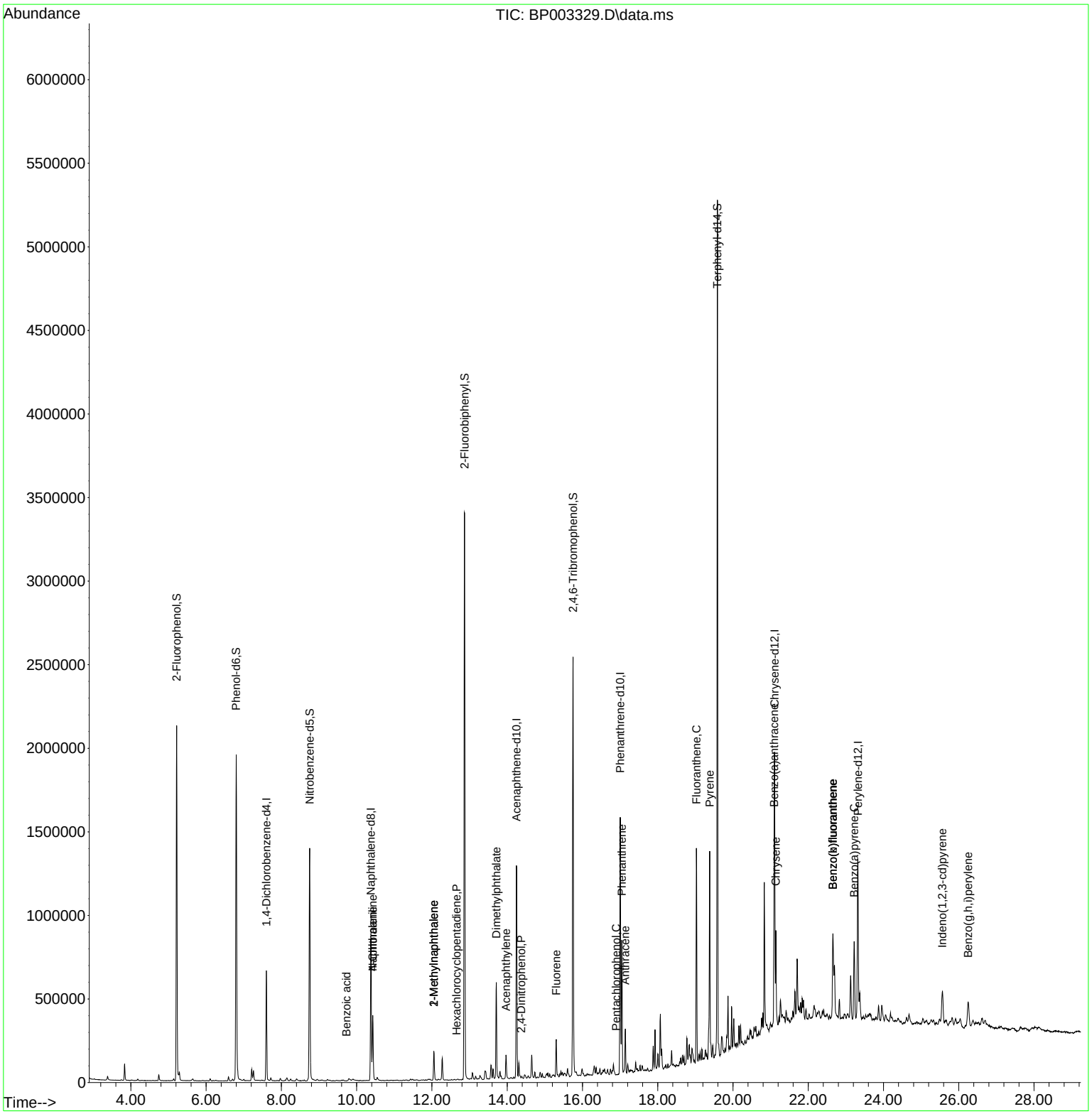
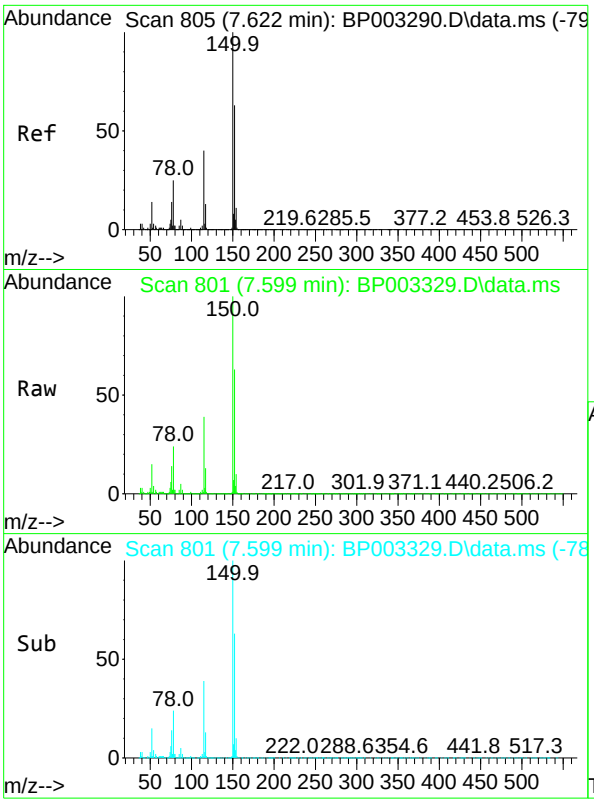


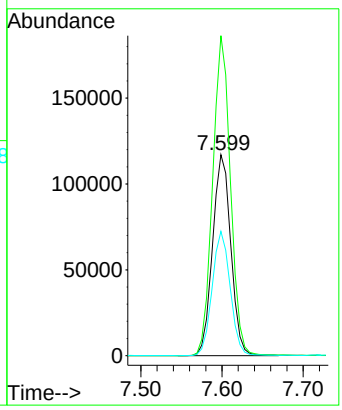
Instrument :
BNA_P
ClientSampleId :
TR-08-091720

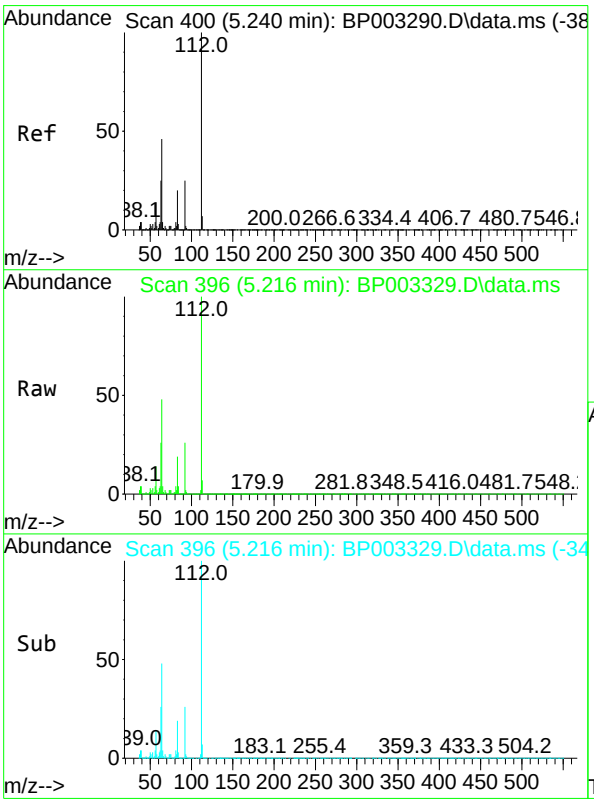


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.599 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:152 Resp: 182973

Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.8	185.6
115	61.8	43.8	65.6

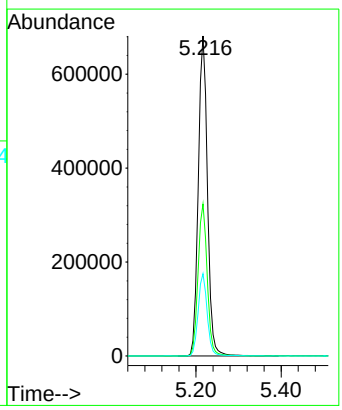




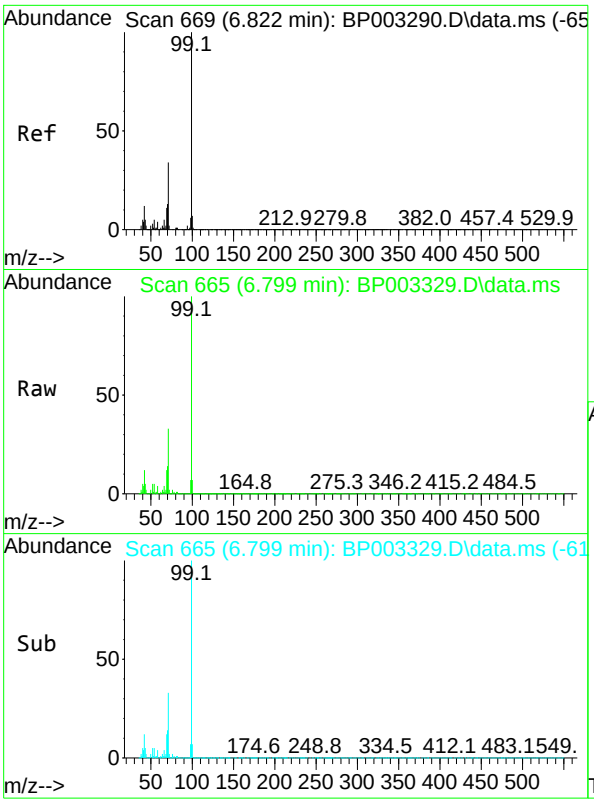
#5
2-Fluorophenol
Concen: 97.20 ng
RT: 5.216 min Scan# 396
Delta R.T. 0.006 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:112 Resp: 1018506

Ion	Ratio	Lower	Upper
112	100		
64	47.5	32.8	49.2
63	25.7	17.0	25.4#



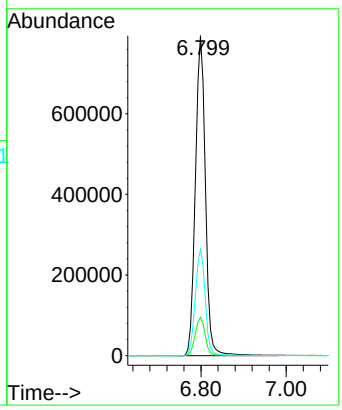
Instrument :
BNA_P
ClientSampleId :
TR-08-091720

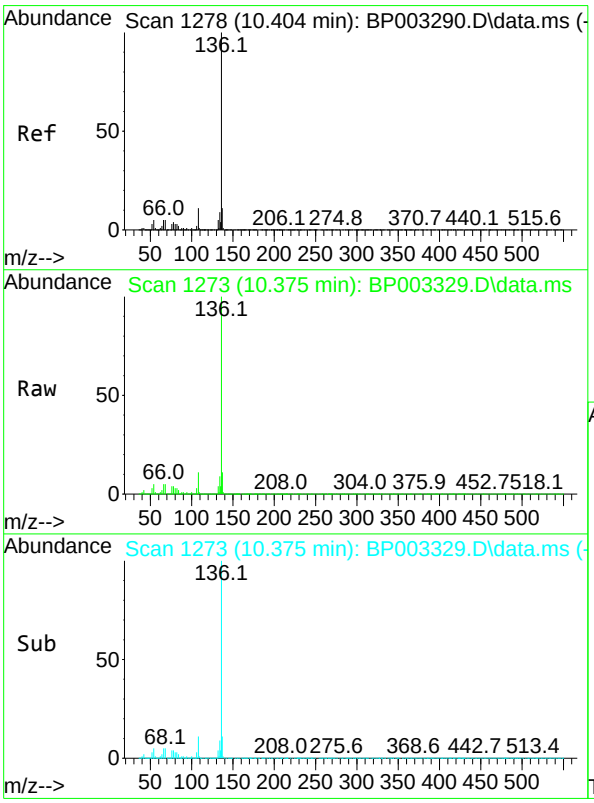


#7
Phenol-d6
Concen: 92.93 ng
RT: 6.799 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion: 99 Resp: 1297991

Ion	Ratio	Lower	Upper
99	100		
42	12.0	8.6	13.0
71	33.2	23.4	35.2

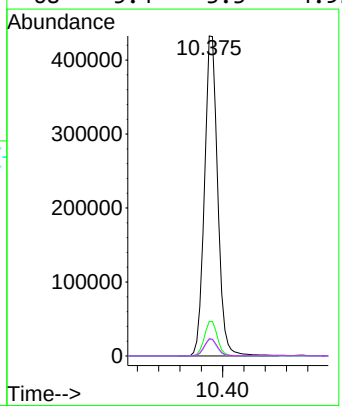


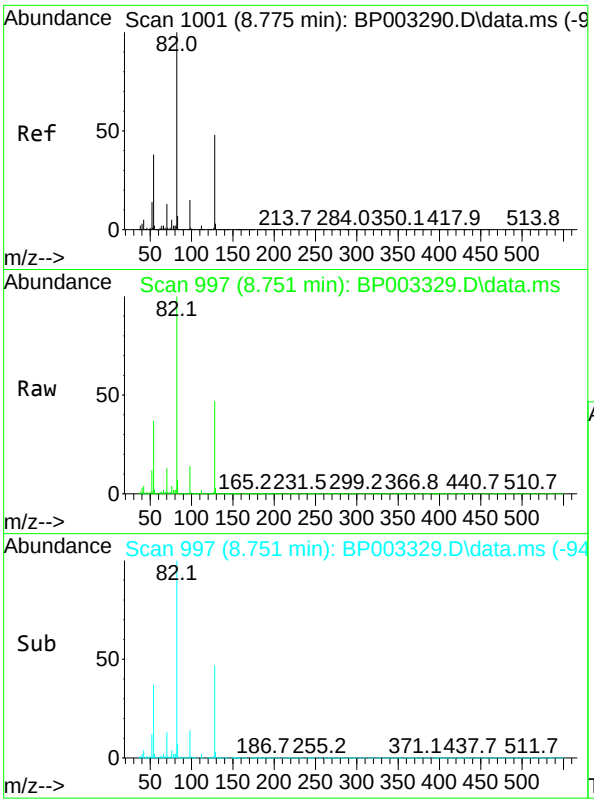


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.375 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:136 Resp: 745789

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.1	3.6	5.4
68	5.4	3.3	4.9#

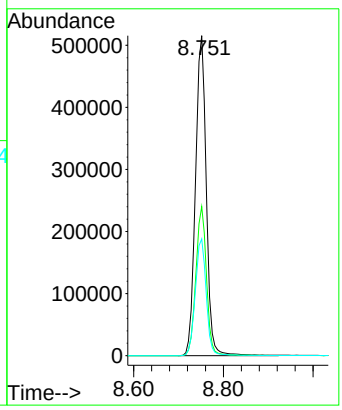




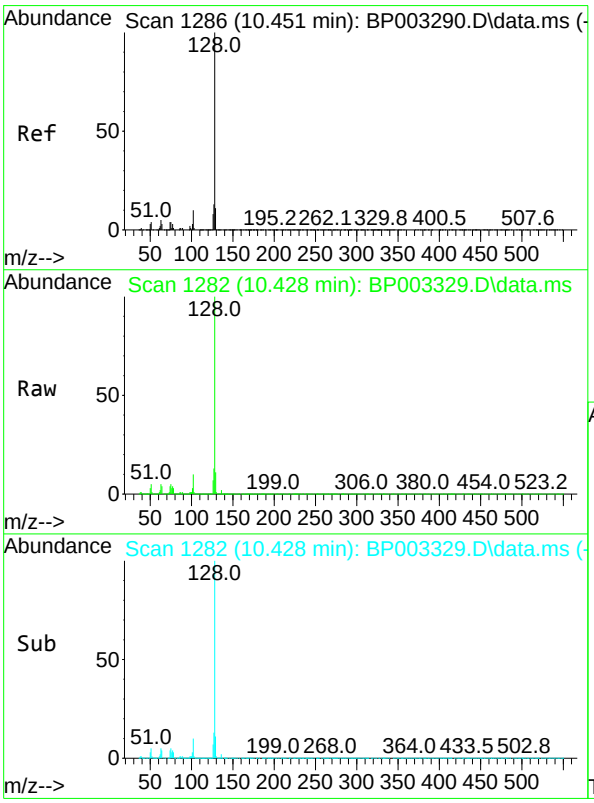
#23
Nitrobenzene-d5
Concen: 68.00 ng
RT: 8.751 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion: 82 Resp: 863176

Ion	Ratio	Lower	Upper
82	100		
128	46.6	45.6	68.4
54	36.5	30.1	45.1



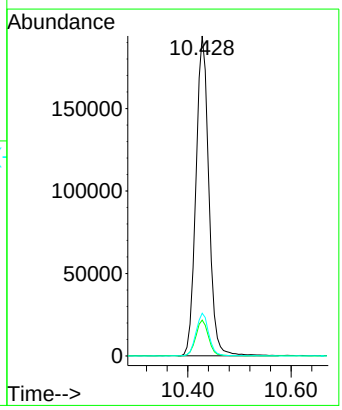
Instrument :
BNA_P
ClientSampleId :
TR-08-091720



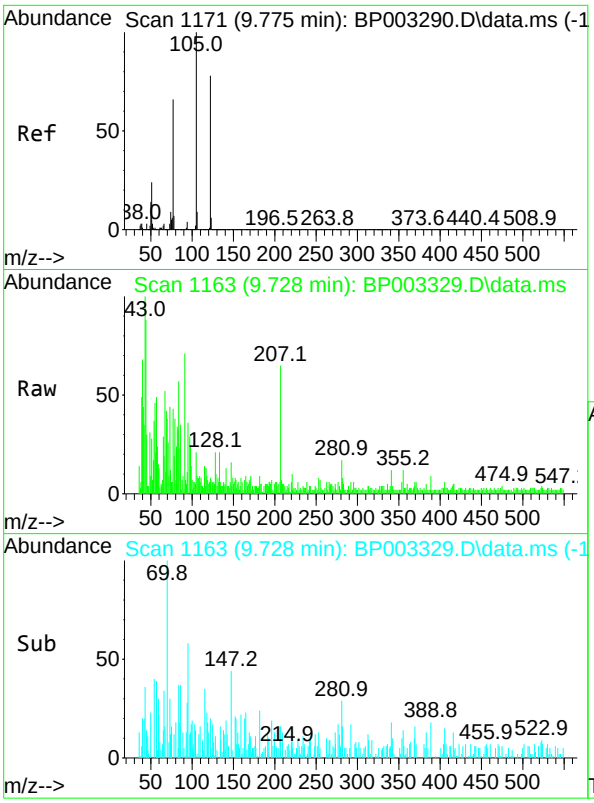
#31
Naphthalene
Concen: 8.52 ng
RT: 10.428 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:128 Resp: 335741

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.4	10.6	15.8



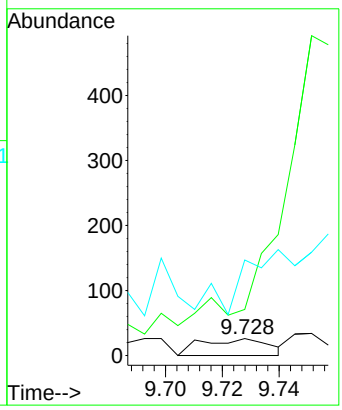
Instrument :
BNA_P
ClientSampleId :
TR-08-091720

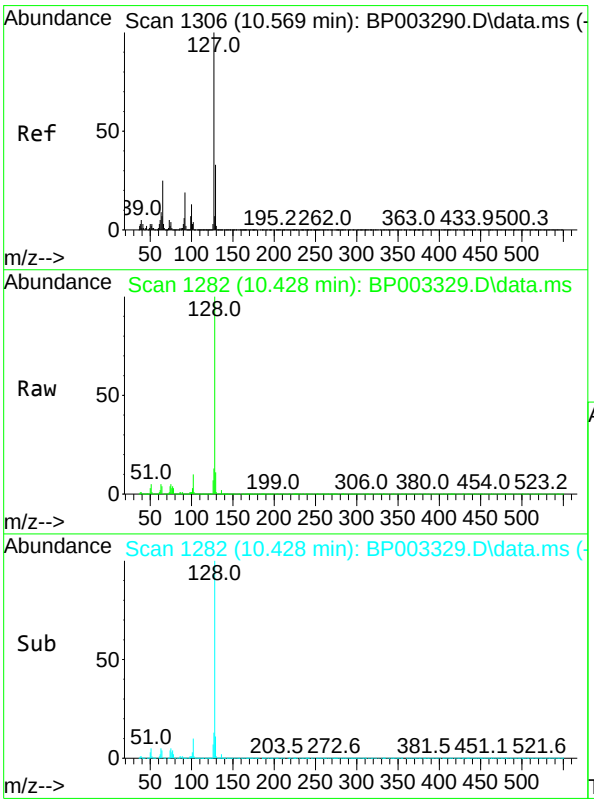


#32
Benzoic acid
Concen: 9.16 ng
RT: 9.728 min Scan# 1163
Delta R.T. -0.024 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:122 Resp: 43

Ion	Ratio	Lower	Upper
122	100		
105	142.0	94.1	134.1#
77	294.0	50.1	90.1#

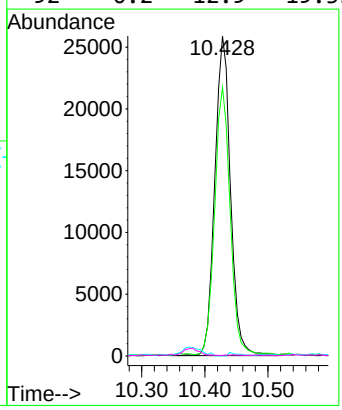




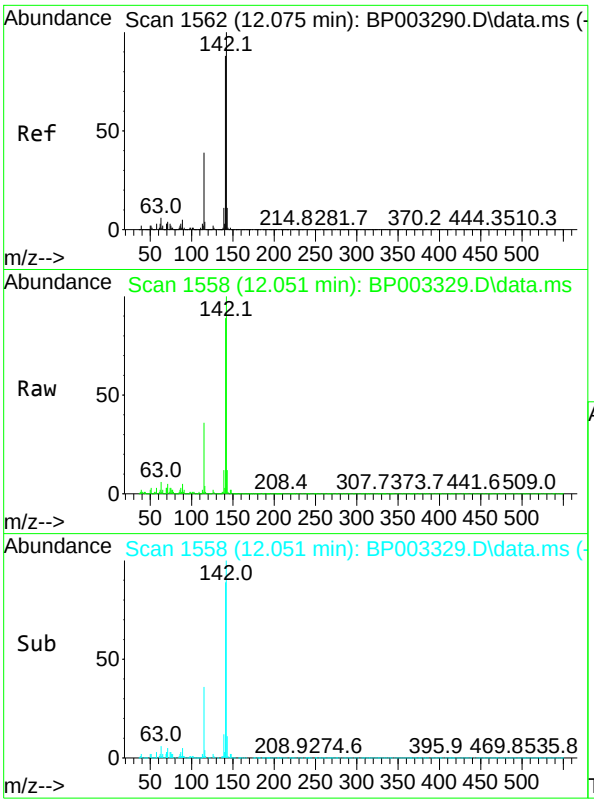
#33
4-Chloroaniline
Concen: 2.67 ng
RT: 10.428 min Scan# 1282
Delta R.T. -0.112 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:127 Resp: 44657

Ion	Ratio	Lower	Upper
127	100		
129	84.0	25.7	38.5#
65	0.0	17.3	25.9#
92	0.2	12.9	19.3#



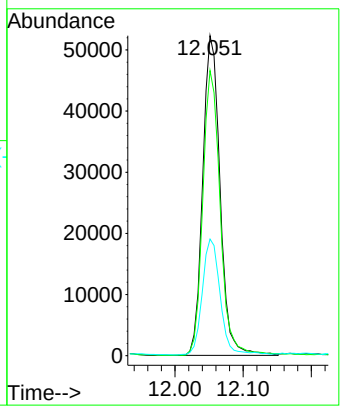
Instrument :
BNA_P
ClientSampleId :
TR-08-091720

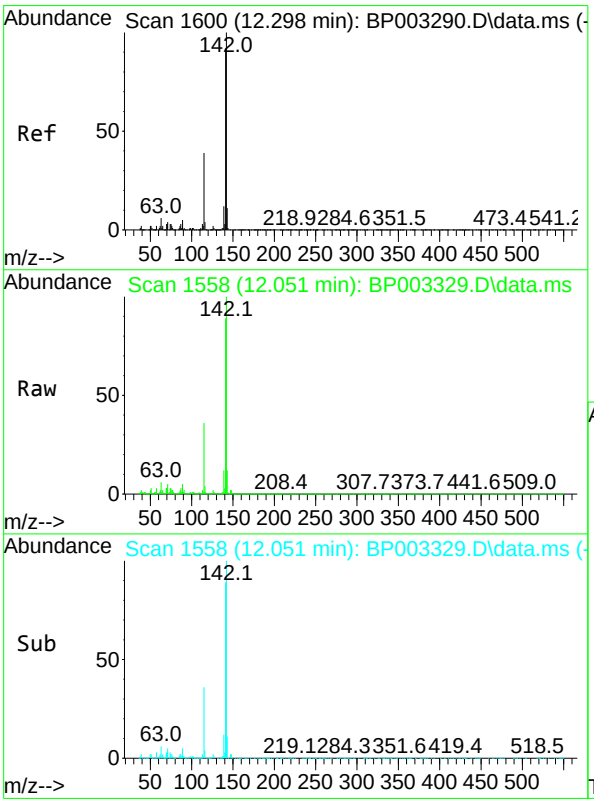


#37
2-Methylnaphthalene
Concen: 3.25 ng
RT: 12.051 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:142 Resp: 92641

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	36.5	25.8	38.6

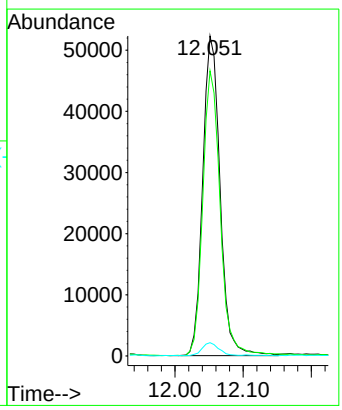




#38
1-Methylnaphthalene
Concen: 3.42 ng
RT: 12.051 min Scan# 1558
Delta R.T. -0.218 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:142 Resp: 92641

Ion	Ratio	Lower	Upper
142	100		
141	89.1	74.4	111.6
116	4.2	2.9	4.3



Instrument :
BNA_P
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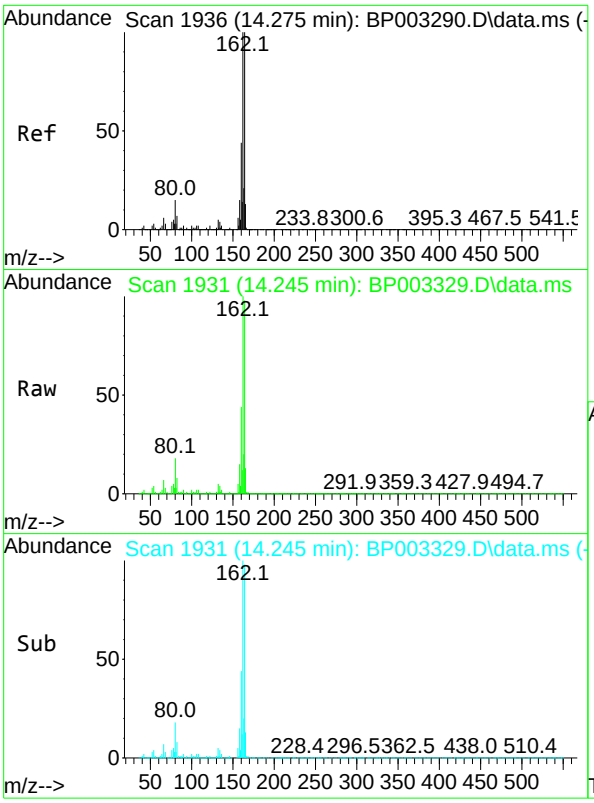
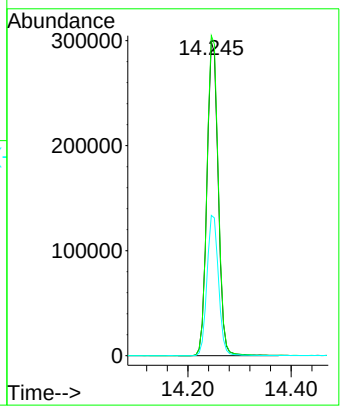
TR-08-091720

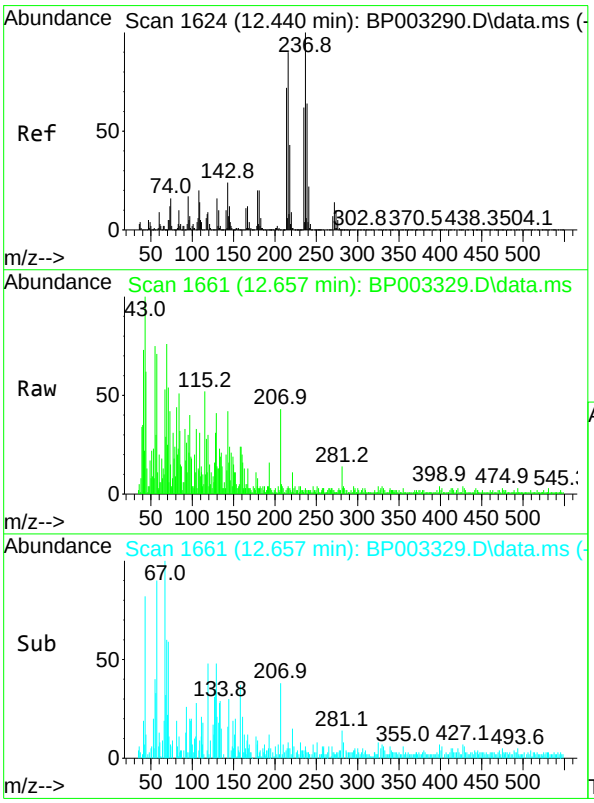


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.245 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:164 Resp: 452424

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.4	119.2
160	44.7	36.1	54.1

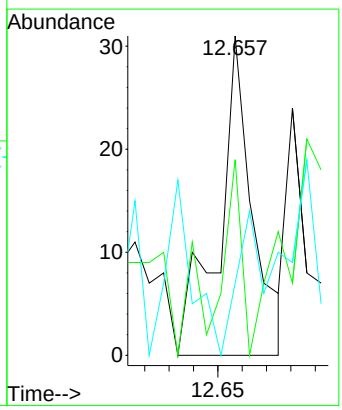




#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.657 min Scan# 1661
Delta R.T. 0.247 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:237 Resp: 30

Ion	Ratio	Lower	Upper
237	100		
235	61.3	43.2	83.2
272	22.6	0.0	33.3



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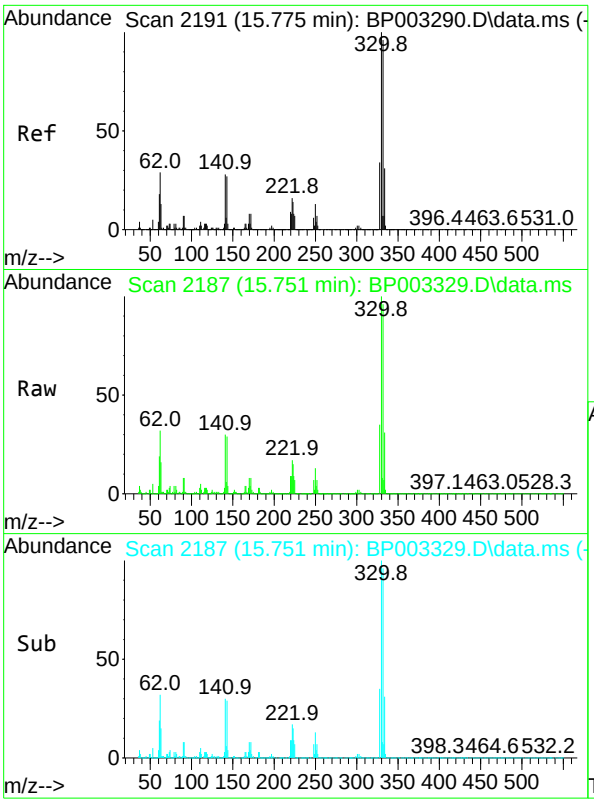
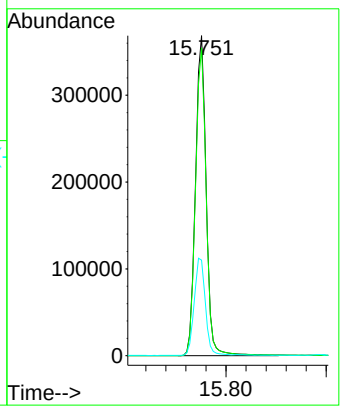
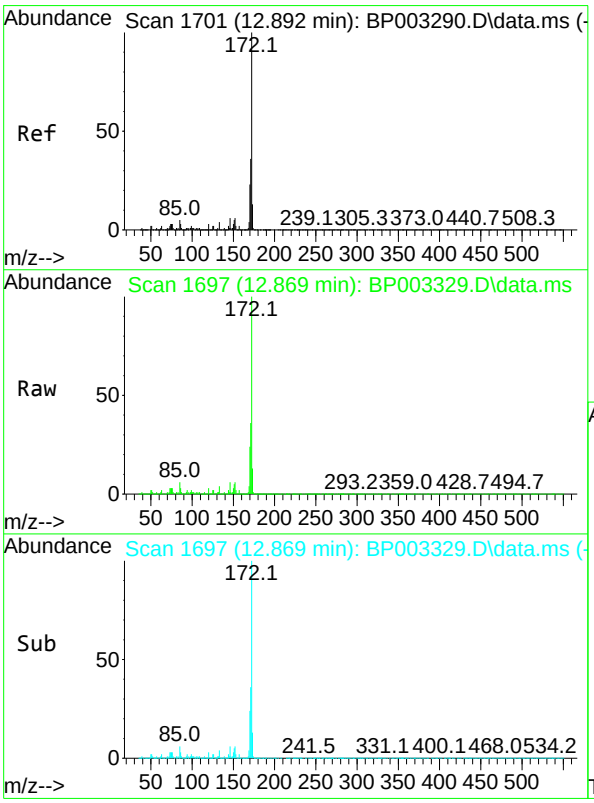


#42
2,4,6-Tribromophenol
Concen: 78.81 ng
RT: 15.751 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:330 Resp: 543858

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	31.7	23.4	35.2

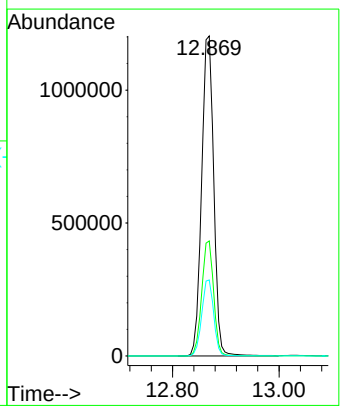


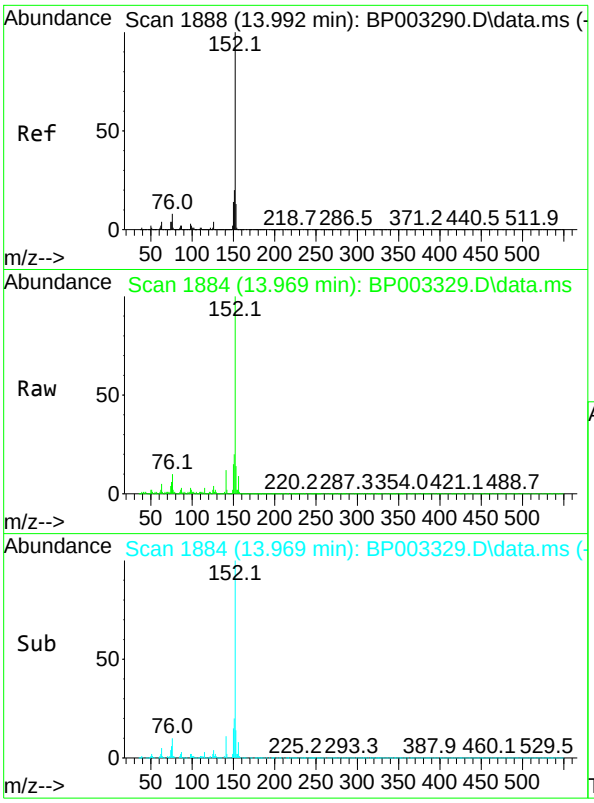


#45
2-Fluorobiphenyl
Concen: 61.28 ng
RT: 12.869 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:172 Resp: 1895787

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.8	19.2	28.8

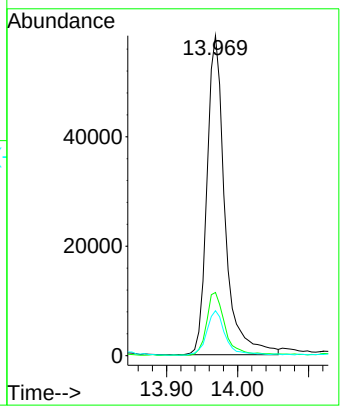




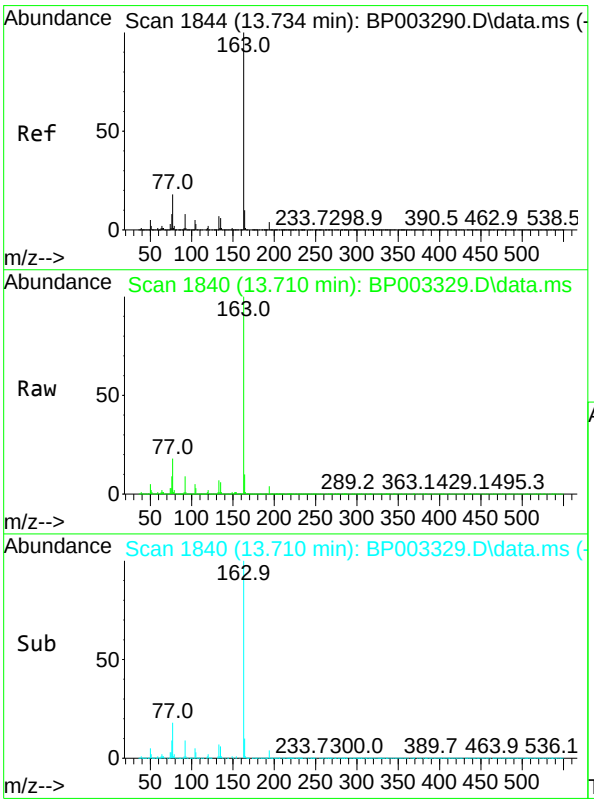
#49
Acenaphthylene
Concen: 2.40 ng
RT: 13.969 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:152 Resp: 102574

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	14.0	10.5	15.7



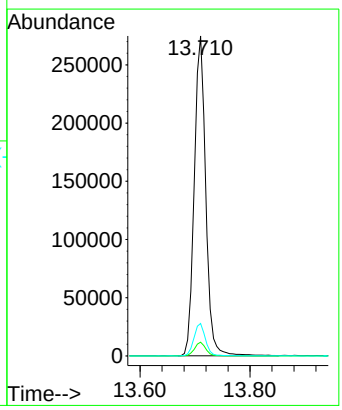
Instrument :
BNA_P
ClientSampleId :
TR-08-091720



#50
Dimethylphthalate
Concen: 11.04 ng
RT: 13.710 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:163 Resp: 398950

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.2	8.2	12.2



Instrument :
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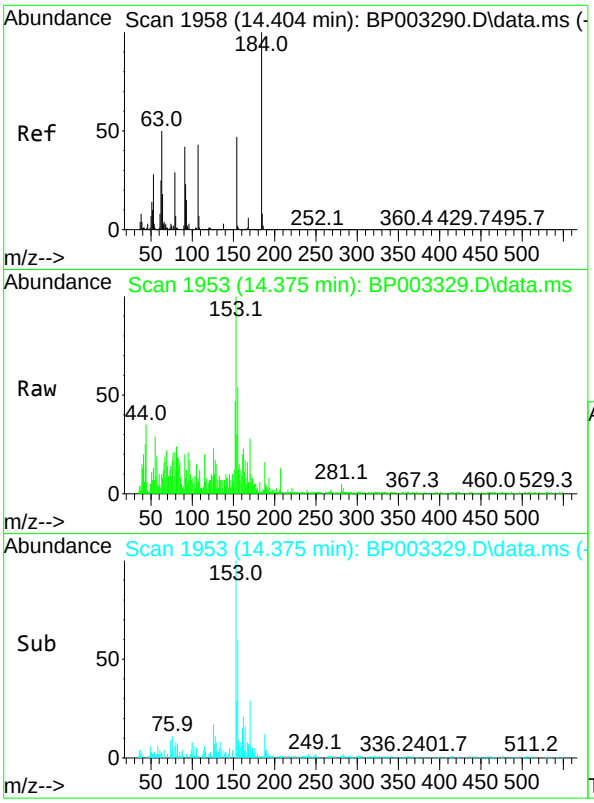
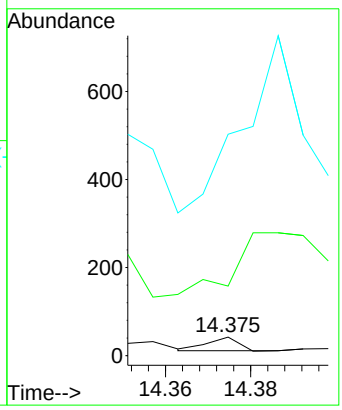
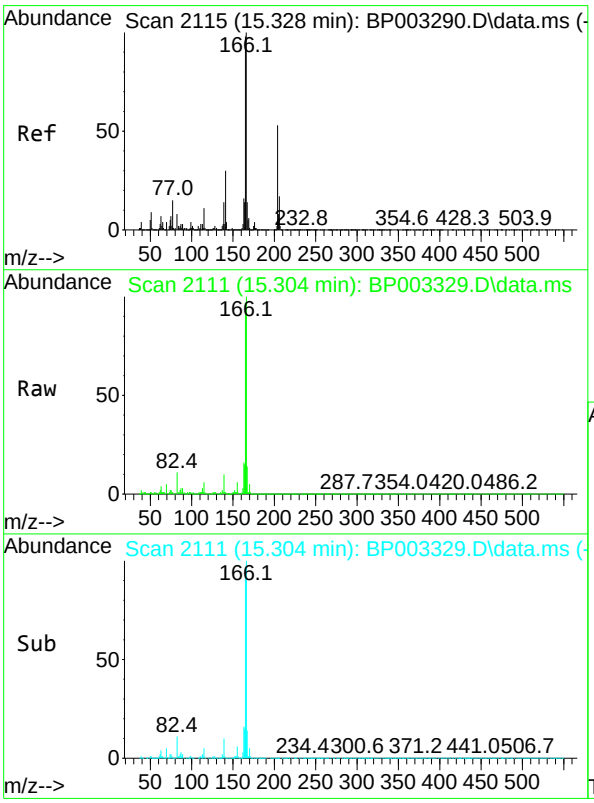


#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.375 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:184 Resp: 16

Ion	Ratio	Lower	Upper
184	100		
63	376.2	32.3	48.5#
154	1197.6	49.1	73.7#

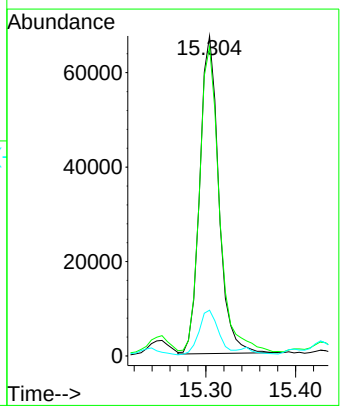




#58
Fluorene
Concen: 3.02 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:166 Resp: 98891

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.8	116.8
167	14.3	11.0	16.4



Instrument :
BNA_P
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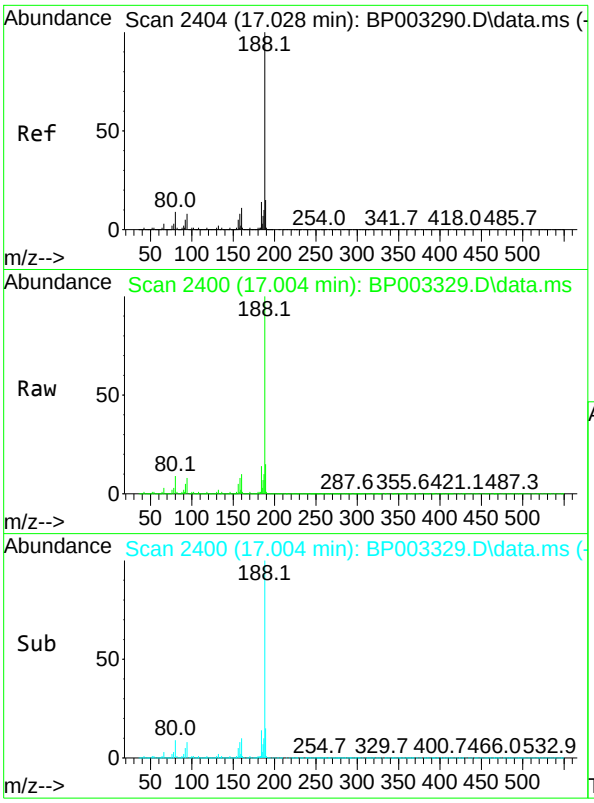
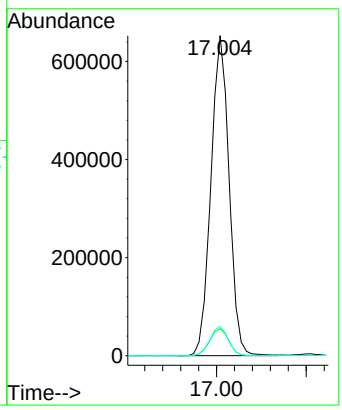
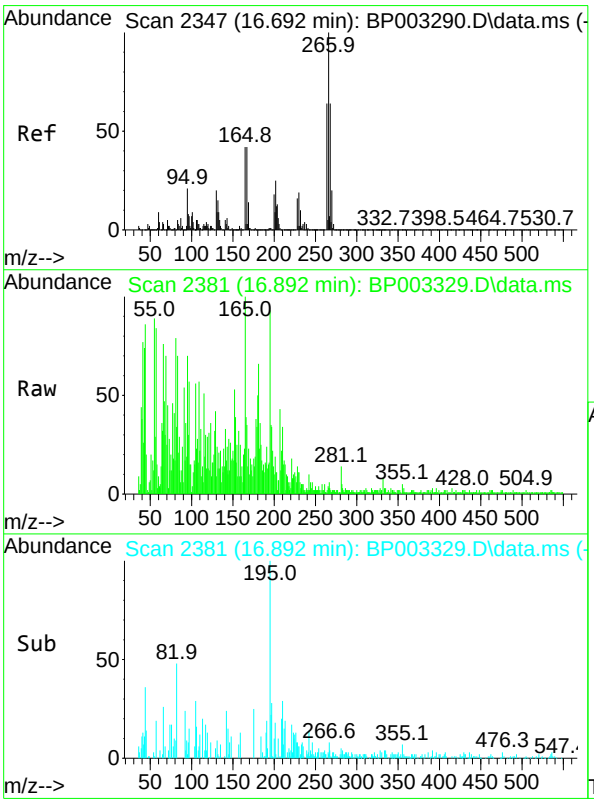


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:188 Resp: 916823

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.2	9.2
80	9.2	6.2	9.2

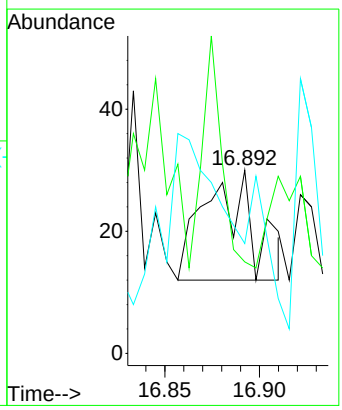


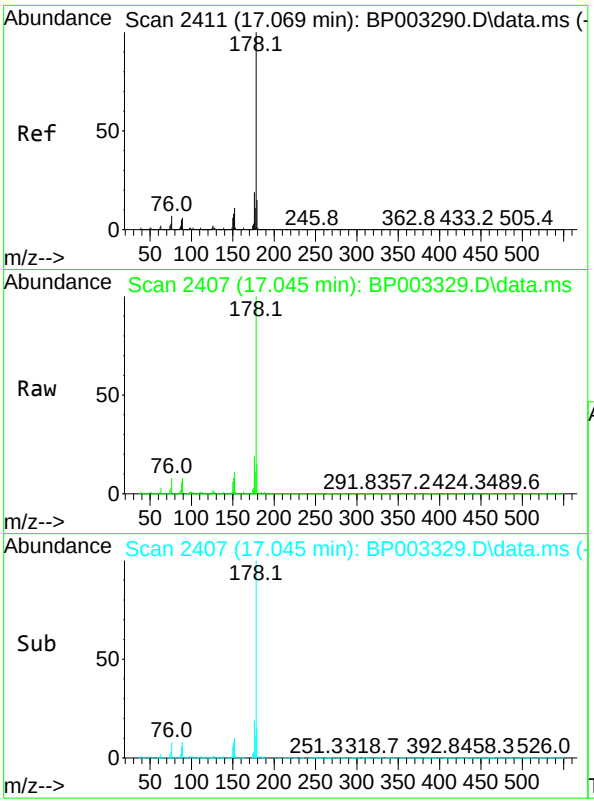


#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.892 min Scan# 2381
Delta R.T. 0.223 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:266 Resp: 33

Ion	Ratio	Lower	Upper
266	100		
268	66.7	51.1	76.7
264	60.0	50.6	76.0

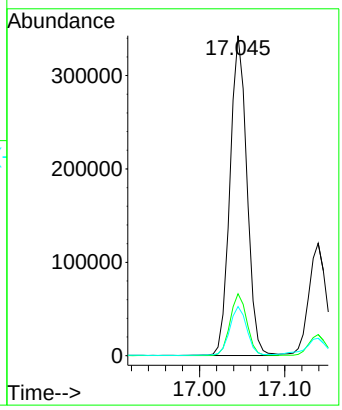




#71
Phenanthrene
Concen: 9.48 ng
RT: 17.045 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:178 Resp: 472964

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.3	12.5	18.7



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ClientSampleId :
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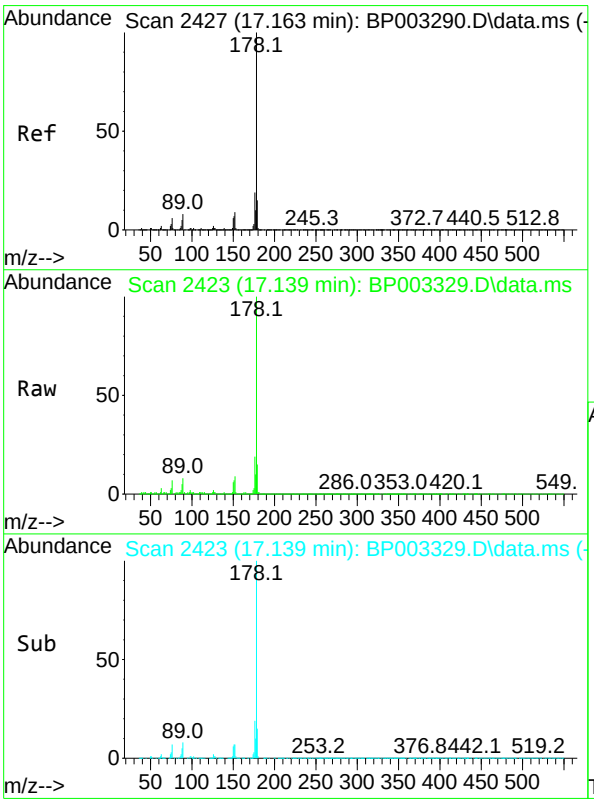
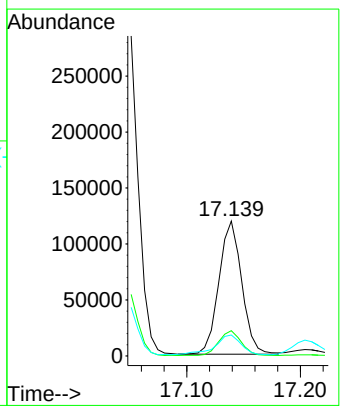


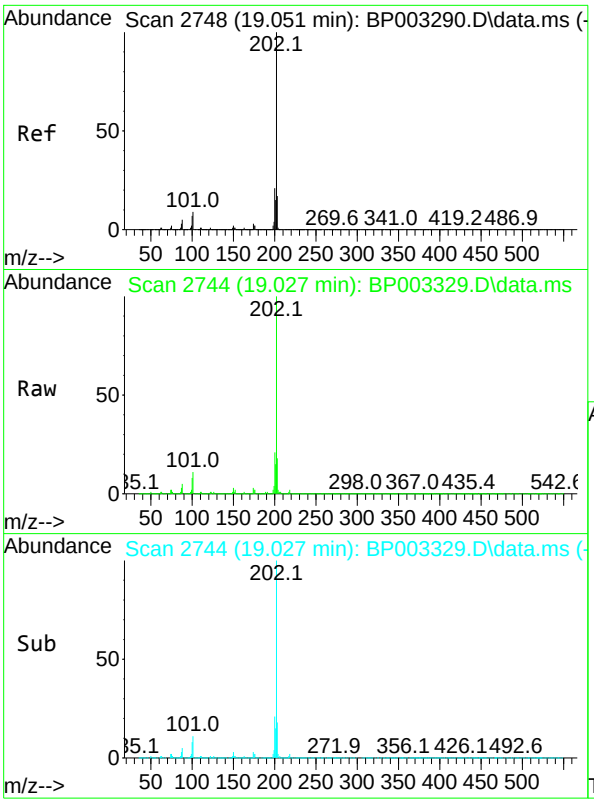
#72
Anthracene
Concen: 3.40 ng
RT: 17.139 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:178 Resp: 166940

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.5	18.7



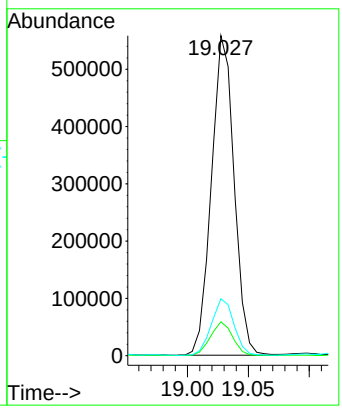
Instrument :
BNA_P
ClientSampleId :
TR-08-091720

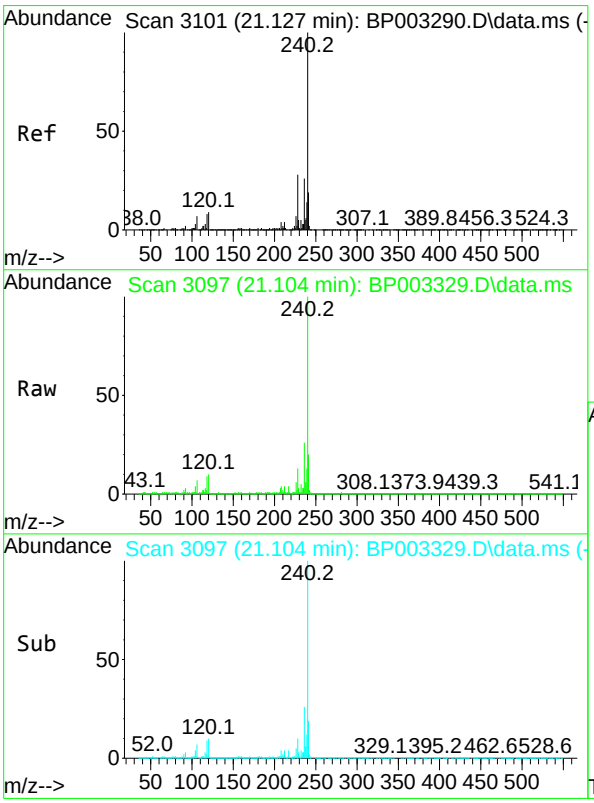


#75
Fluoranthene
Concen: 11.54 ng
RT: 19.027 min Scan# 2744
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:202 Resp: 724043

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.4
203	17.8	0.0	37.8

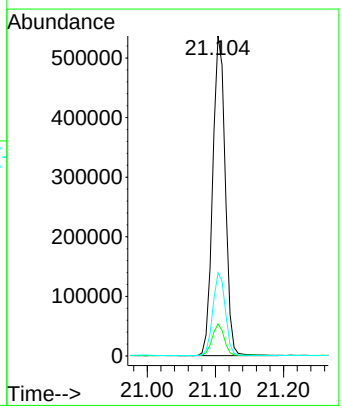




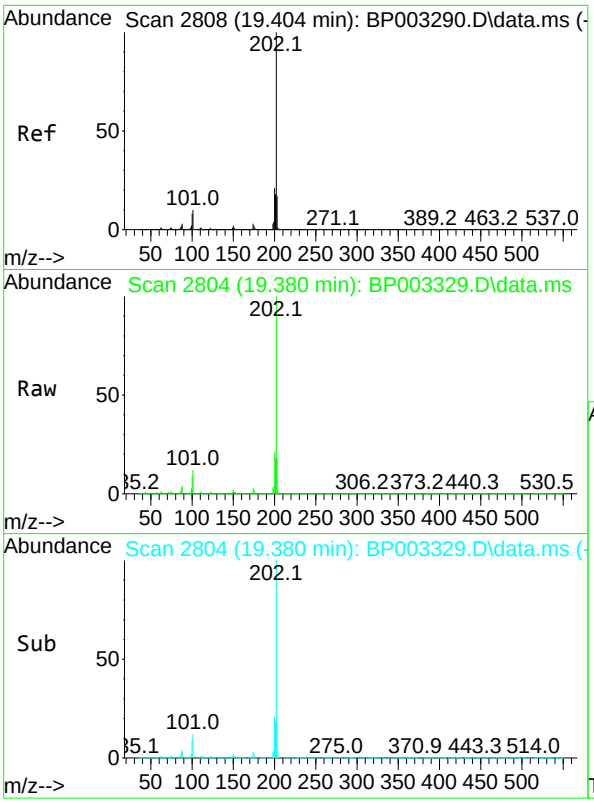
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.104 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:240 Resp: 685812

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.8	11.6
236	26.0	20.8	31.2



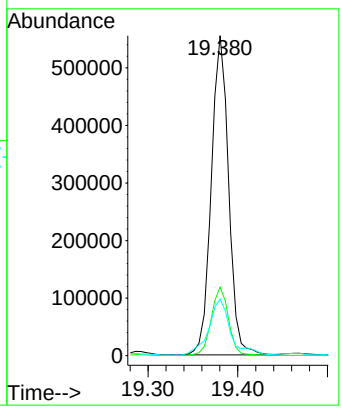
Instrument :
BNA_P
ClientSampleId :
TR-08-091720

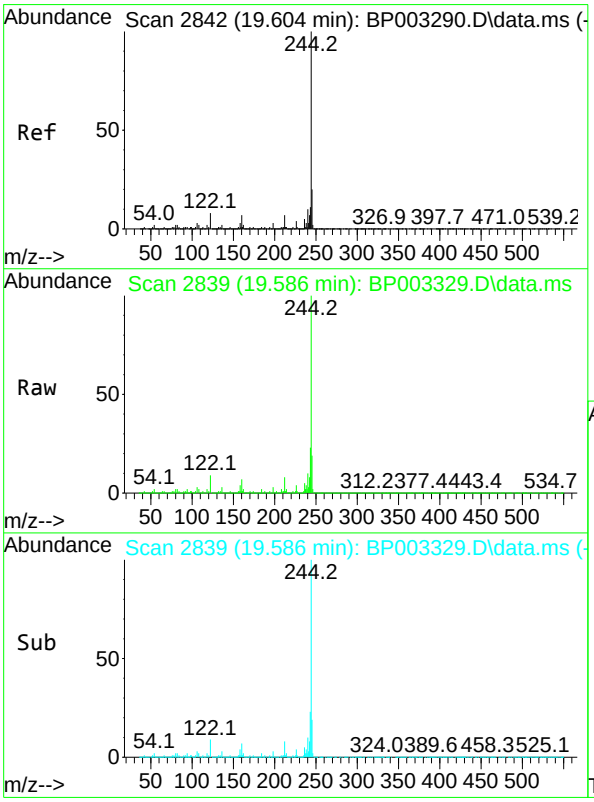


#78
Pyrene
Concen: 17.39 ng
RT: 19.380 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:202 Resp: 743779

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.7	14.2	21.2

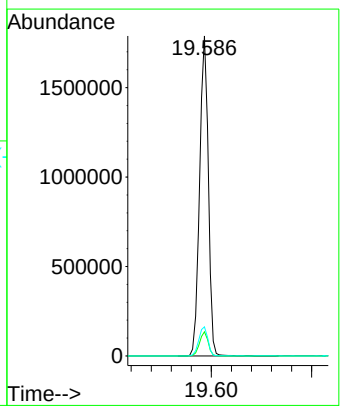




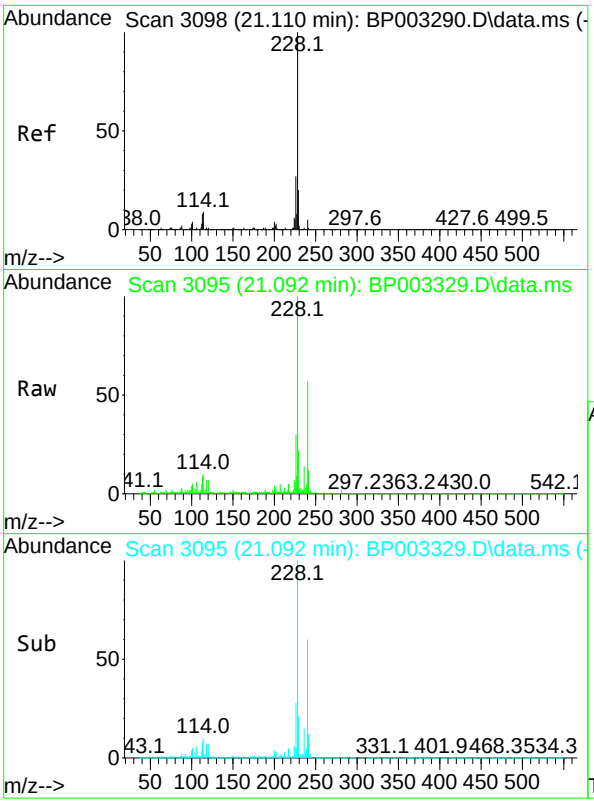
#79
Terphenyl-d14
Concen: 65.32 ng
RT: 19.586 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:244 Resp: 2149946

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.1	7.8	11.8



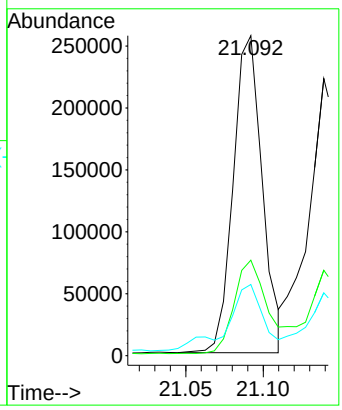
Instrument :
BNA_P
ClientSampleId :
TR-08-091720

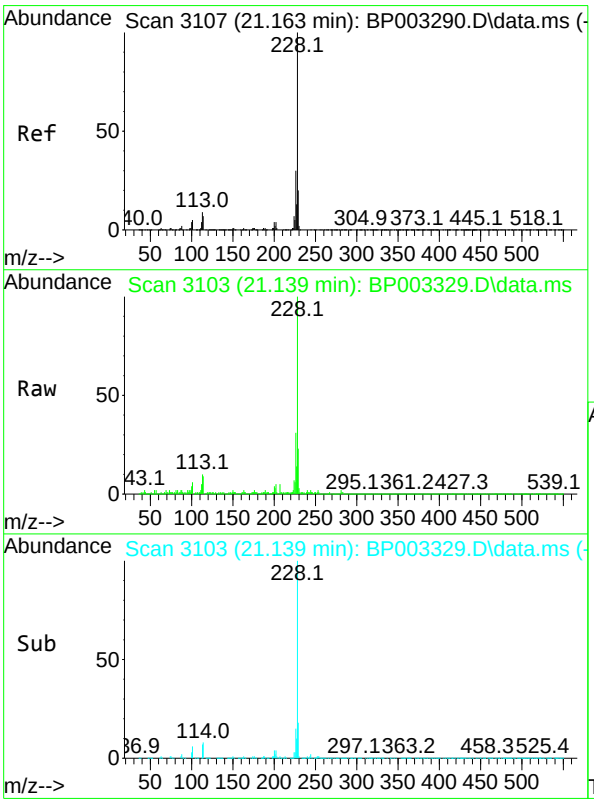


#81
Benzo(a)anthracene
Concen: 7.52 ng
RT: 21.092 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:228 Resp: 333531

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.1	33.1
229	22.3	15.9	23.9

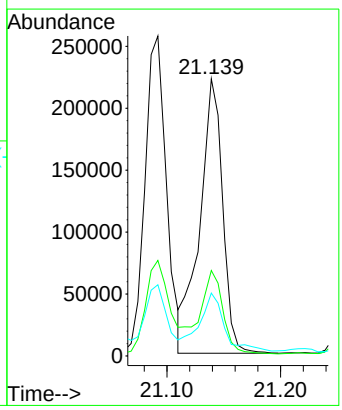


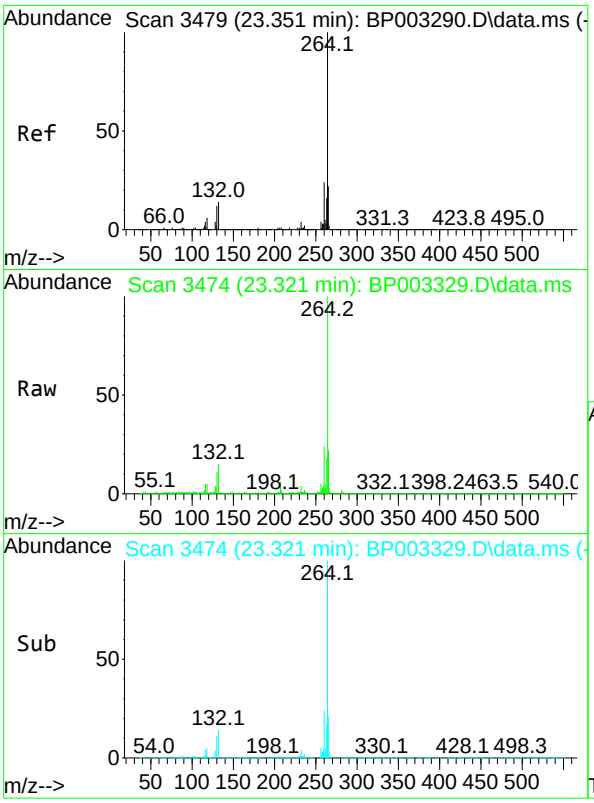


#83
Chrysene
Concen: 7.30 ng
RT: 21.139 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:228 Resp: 311066

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	22.7	15.8	23.6

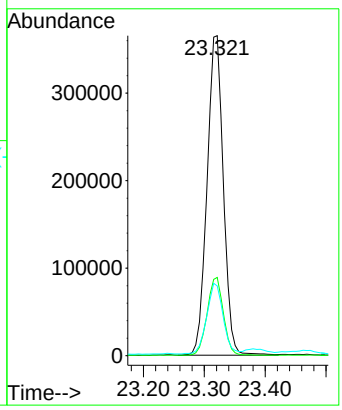




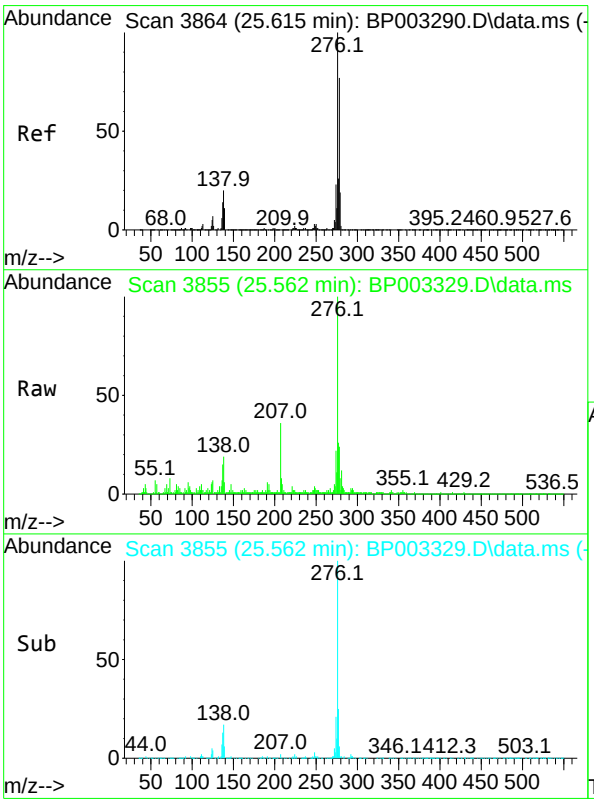
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.321 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:264 Resp: 679059

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	21.8	17.4	26.2



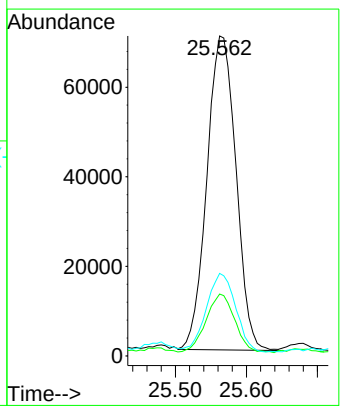
Instrument :
BNA_P
ClientSampleId :
TR-08-091720



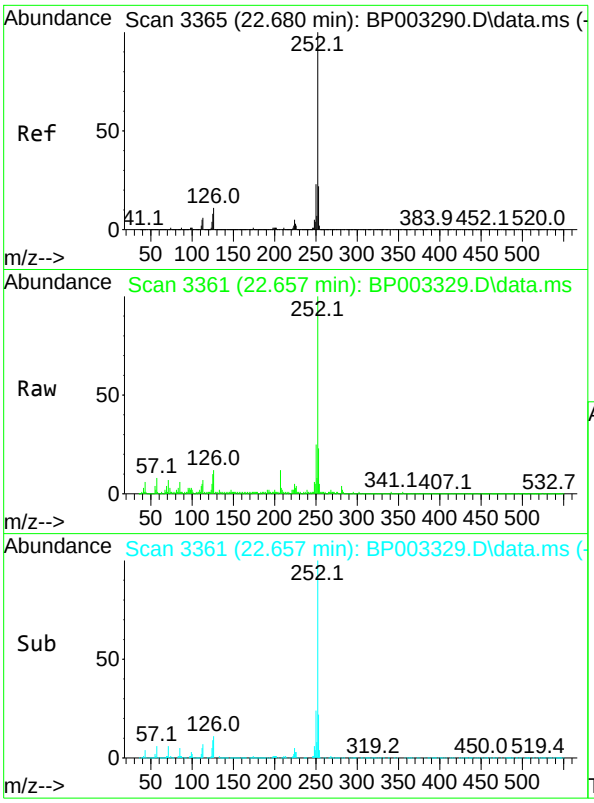
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.87 ng
RT: 25.562 min Scan# 3855
Delta R.T. -0.006 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:276 Resp: 199272

Ion	Ratio	Lower	Upper
276	100		
138	18.6	18.7	28.1#
277	25.3	20.4	30.6



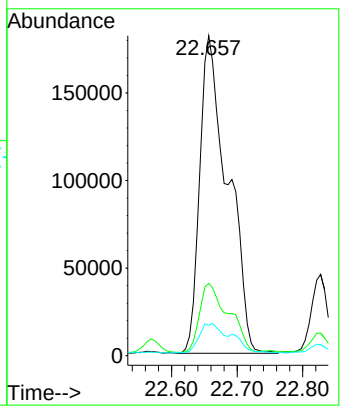
Instrument :
BNA_P
ClientSampleId :
TR-08-091720

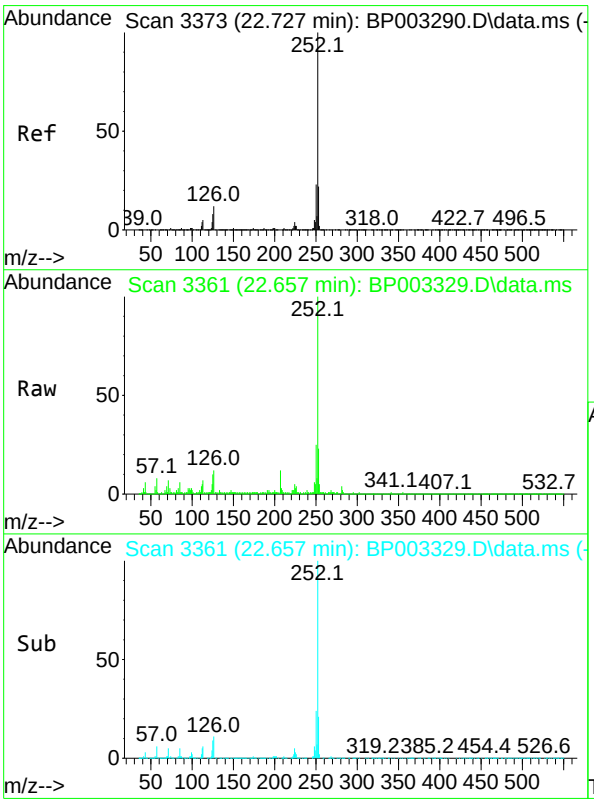


#88
Benzo(b)fluoranthene
Concen: 12.56 ng
RT: 22.657 min Scan# 3361
Delta R.T. 0.006 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:252 Resp: 538612

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	9.6	7.3	10.9

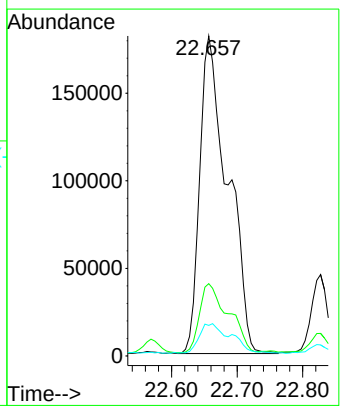




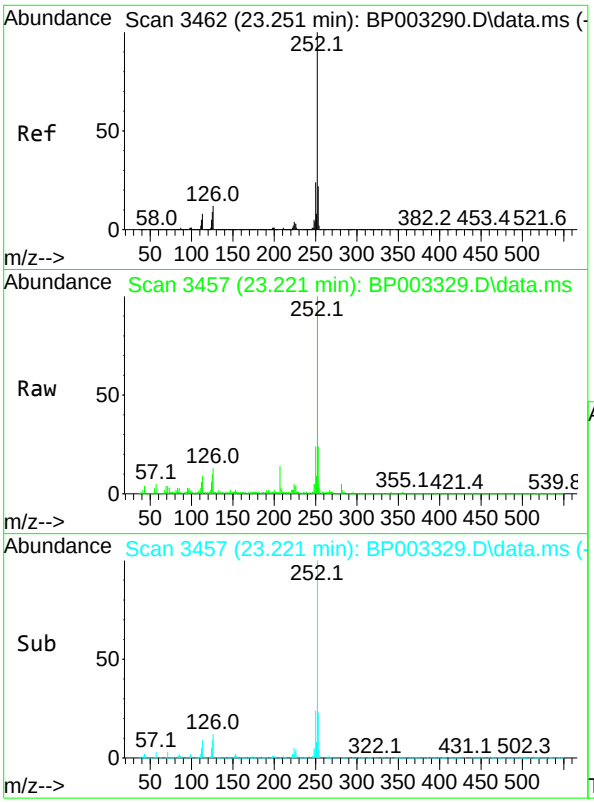
#89
Benzo(k)fluoranthene
Concen: 13.11 ng
RT: 22.657 min Scan# 3361
Delta R.T. -0.036 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:252 Resp: 538612

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.6	7.4	11.2



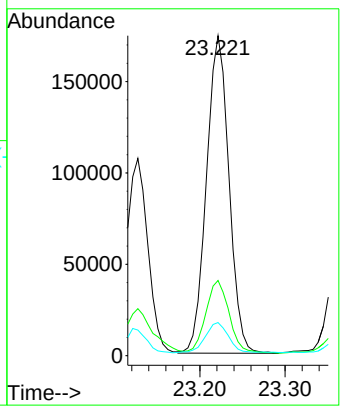
Instrument :
BNA_P
ClientSampleId :
TR-08-091720

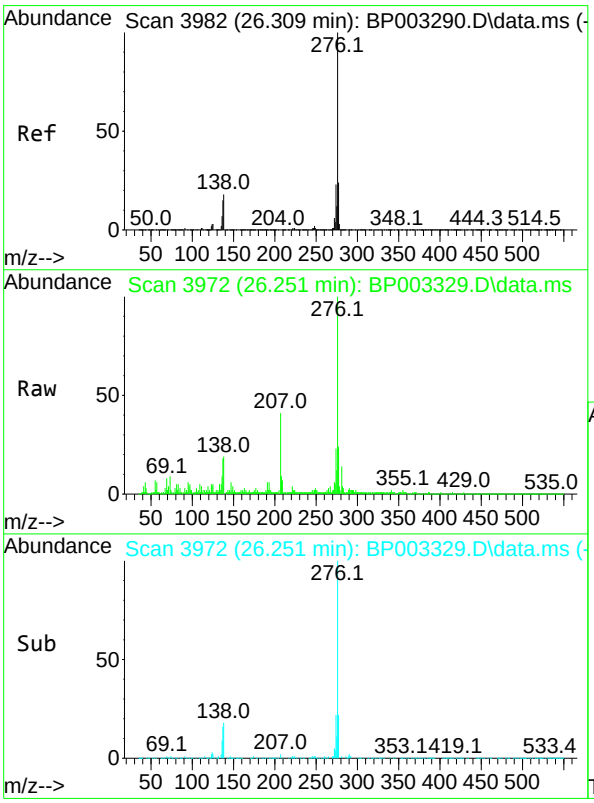


#90
Benzo(a)pyrene
Concen: 7.92 ng
RT: 23.221 min Scan# 3457
Delta R.T. -0.000 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:252 Resp: 320211

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	10.3	8.2	12.4





#92
Benzo(g,h,i)perylene
Concen: 4.44 ng
RT: 26.251 min Scan# 3972
Delta R.T. -0.006 min
Lab File: BP003329.D
Acq: 18 Sep 2020 19:23

Tgt Ion:276 Resp: 188094

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	18.9	16.6	24.8