Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091720\
Data File : BP003317.D
Acq On : 17 Sep 2020 17:26
Operator : CG/JU
Sample : L4018-04DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-229DL

Quant Time: Sep 17 18:06:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:18:39 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	177629	20.00	ng	0.00
21) Naphthalene-d8	10.387	136	686683	20.00	ng	#-0.01
39) Acenaphthene-d10	14.257	164	411933	20.00	ng	0.00
64) Phenanthrene-d10	17.010	188	825088	20.00	ng	# 0.00
76) Chrysene-d12	21.110	240	733466	20.00	ng	0.00
86) Perylene-d12	23.327	264	668823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	482586	47.44	ng	0.00
7) Phenol-d6	6.805	99	602294	44.42	ng	0.00
23) Nitrobenzene-d5	8.757	82	381880	32.67	ng	-0.01
42) 2,4,6-Tribromophenol	15.757	330	232277	36.97	ng	0.00
45) 2-Fluorobiphenyl	12.875	172	779493	27.68	ng	0.00
79) Terphenyl-d14	19.586	244	1010870	28.72	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.716	163	98036	2.98	ng	99
52) Acenaphthene	14.322	154	240891	10.18	ng	99
55) Dibenzofuran	14.657	168	236050	6.25	ng	98
58) Fluorene	15.310	166	425432	14.27	ng	100
71) Phenanthrene	17.057	178	1993132	44.40	ng	99
72) Anthracene	17.145	178	164389	3.72	ng	100
75) Fluoranthene	19.033	202	1566881	27.76	ng	98
78) Pyrene	19.386	202	990494	21.65	ng	100
81) Benzo(a)anthracene	21.098	228	258405	5.45	ng	99
83) Chrysene	21.145	228	253353	5.56	ng	98
84) Bis(2-ethylhexyl)phtha...	21.033	149	72741	2.47	ng	98
88) Benzo(b)fluoranthene	22.663	252	166742	3.95	ng	98

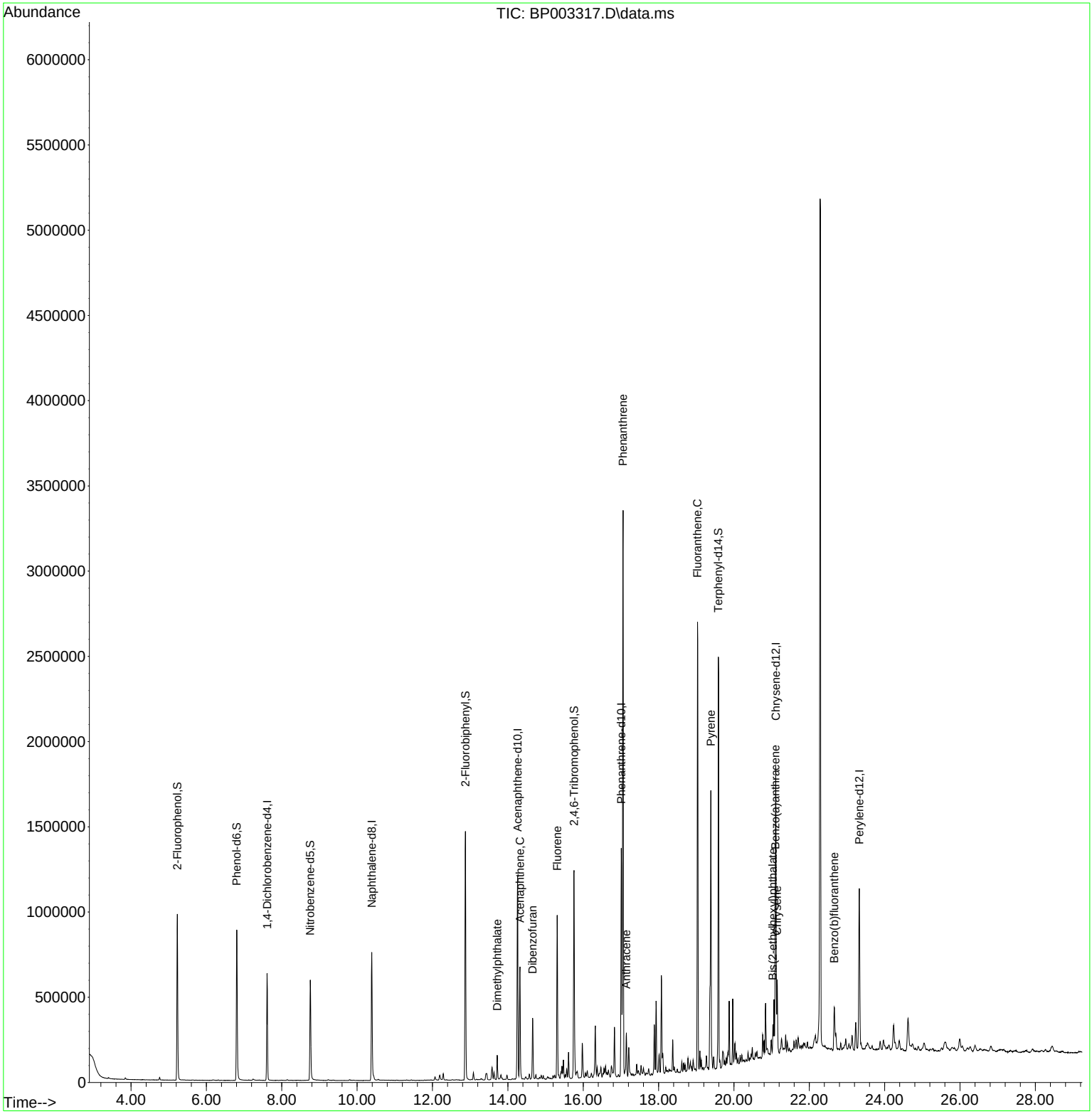
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

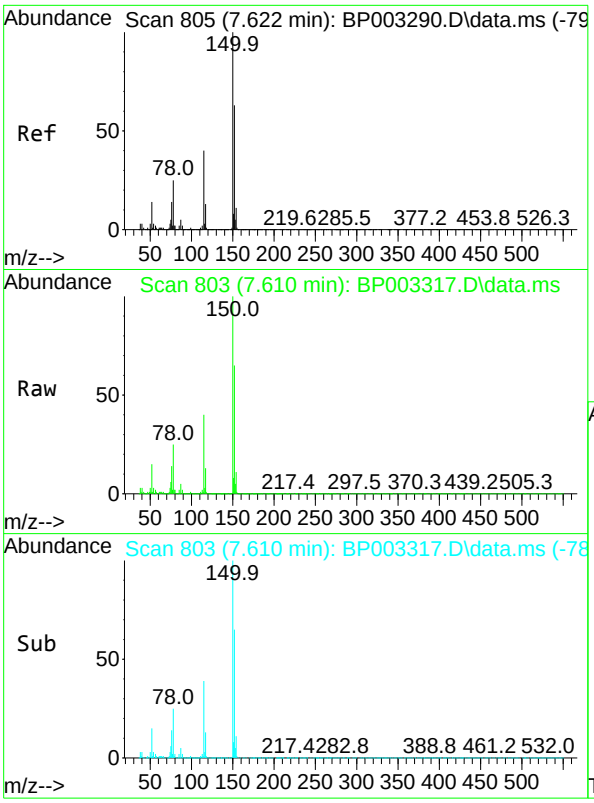
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091720\
Data File : BP003317.D
Acq On : 17 Sep 2020 17:26
Operator : CG/JU
Sample : L4018-04DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-229DL

Quant Time: Sep 17 18:06:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:18:39 2020
Response via : Initial Calibration



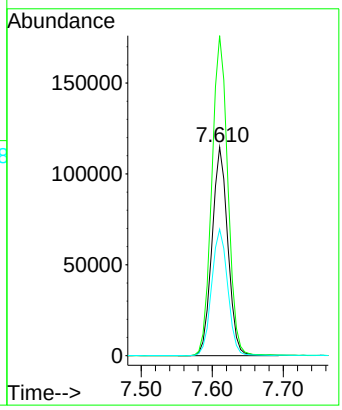
Instrument :
BNA_P
ClientSampleId :
VNJ-229DL

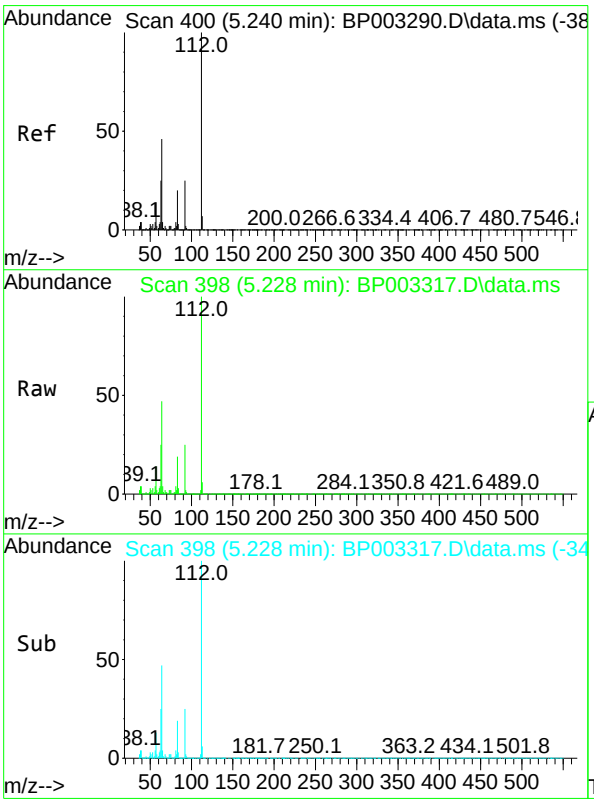


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.610 min Scan# 803
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:152 Resp: 177629

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.6
115	60.6	43.8	65.6

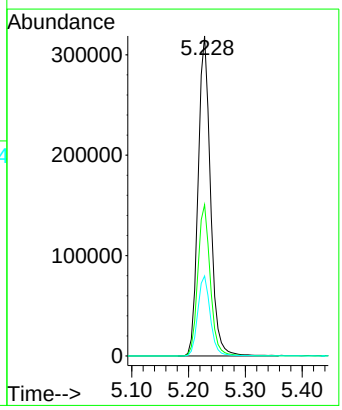


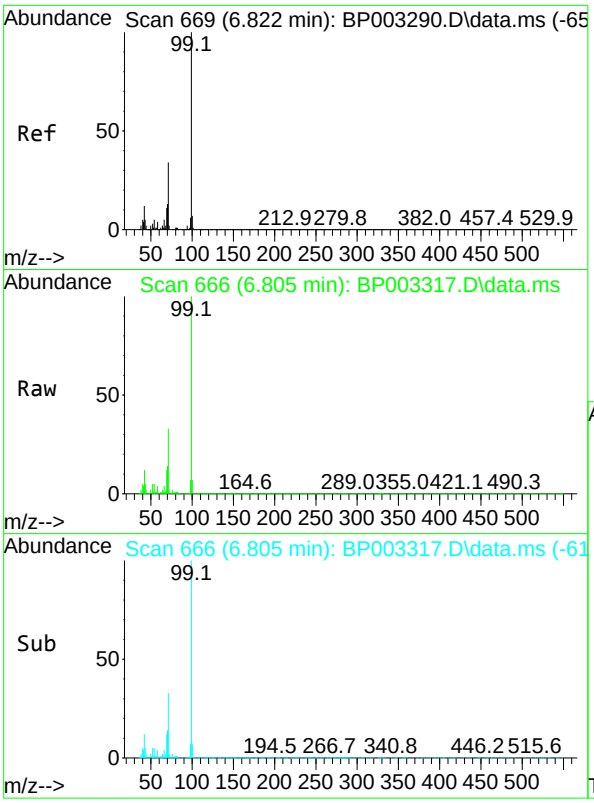


#5
2-Fluorophenol
Concen: 47.44 ng
RT: 5.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:112 Resp: 482586

Ion	Ratio	Lower	Upper
112	100		
64	47.2	32.8	49.2
63	25.0	17.0	25.4

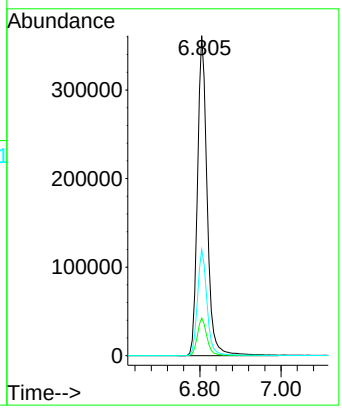




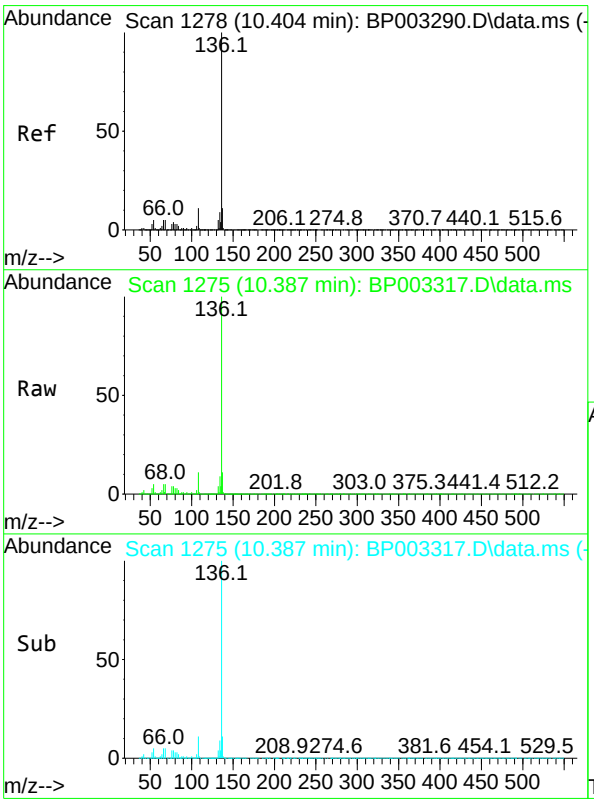
#7
Phenol-d6
Concen: 44.42 ng
RT: 6.805 min Scan# 666
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion: 99 Resp: 602294

Ion	Ratio	Lower	Upper
99	100		
42	11.7	8.6	13.0
71	33.1	23.4	35.2



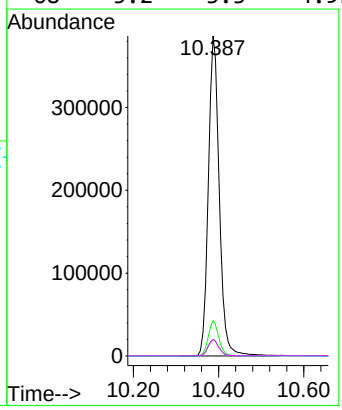
Instrument :
BNA_P
ClientSampleId :
VNJ-229DL



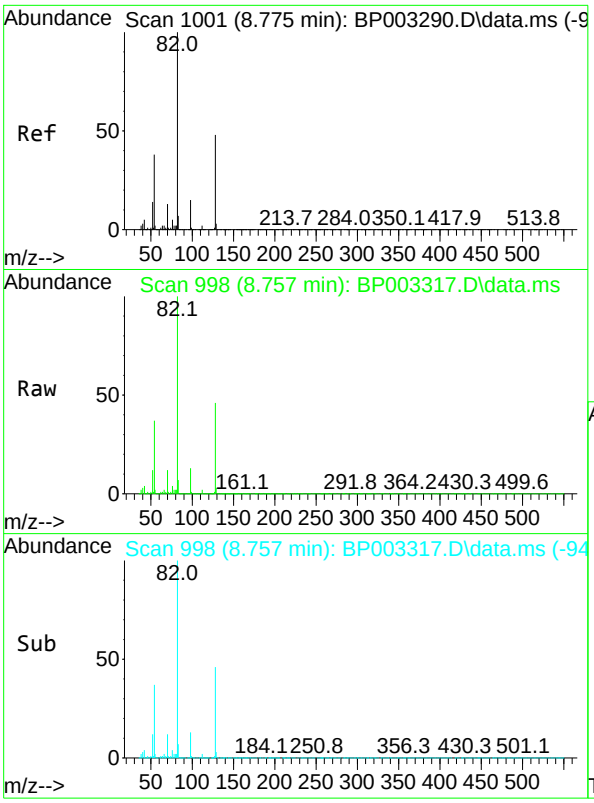
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.387 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:136 Resp: 686683

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.2	3.6	5.4
68	5.2	3.3	4.9#



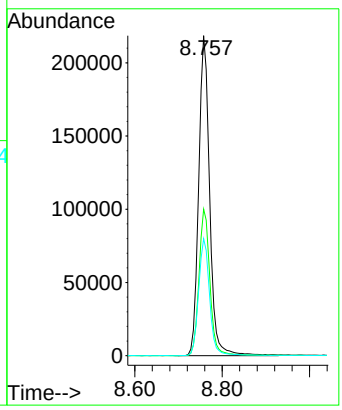
Instrument :
BNA_P
ClientSampleId :
VNJ-229DL

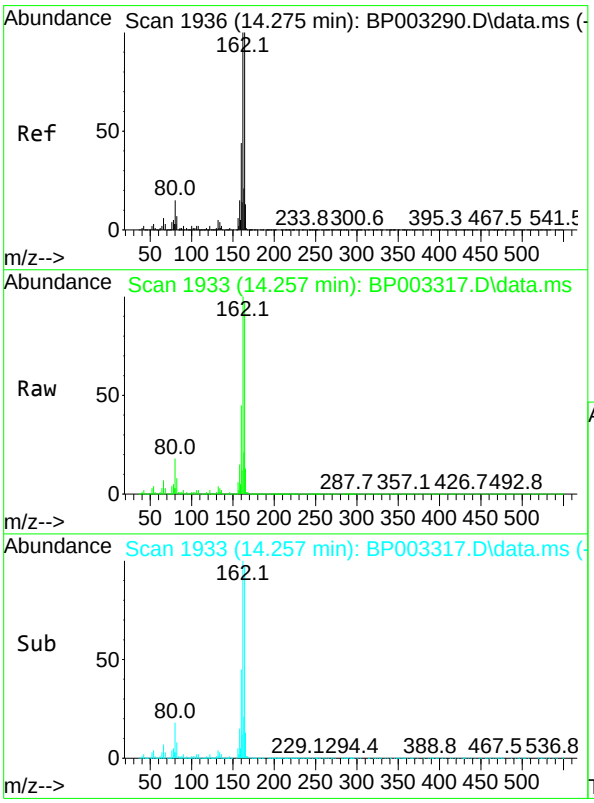


#23
Nitrobenzene-d5
Concen: 32.67 ng
RT: 8.757 min Scan# 998
Delta R.T. -0.012 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion: 82 Resp: 381880

Ion	Ratio	Lower	Upper
82	100		
128	45.8	45.6	68.4
54	36.6	30.1	45.1

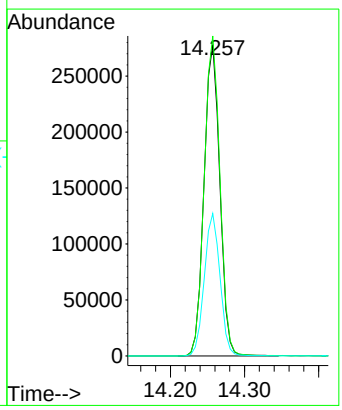




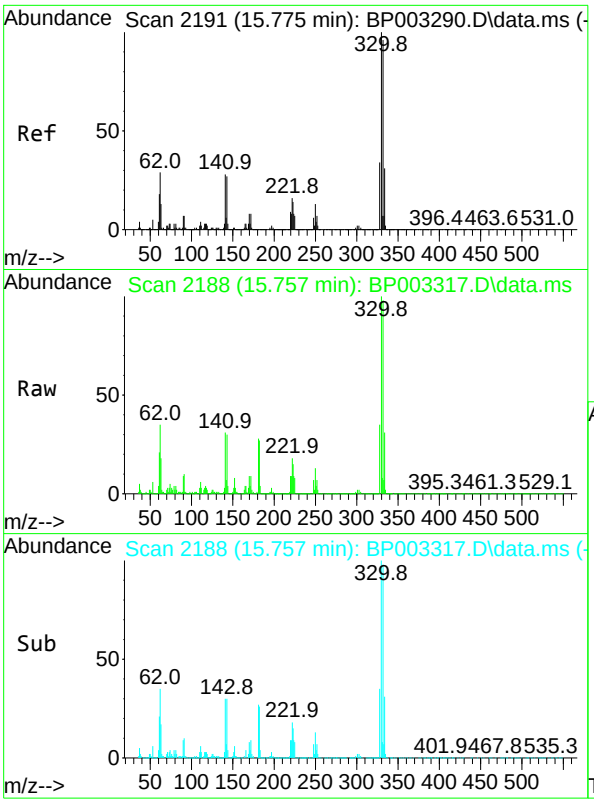
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.257 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:164 Resp: 411933

Ion	Ratio	Lower	Upper
164	100		
162	102.8	79.4	119.2
160	45.7	36.1	54.1



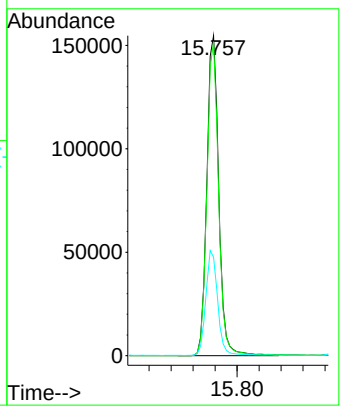
Instrument :
BNA_P
ClientSampleId :
VNJ-229DL

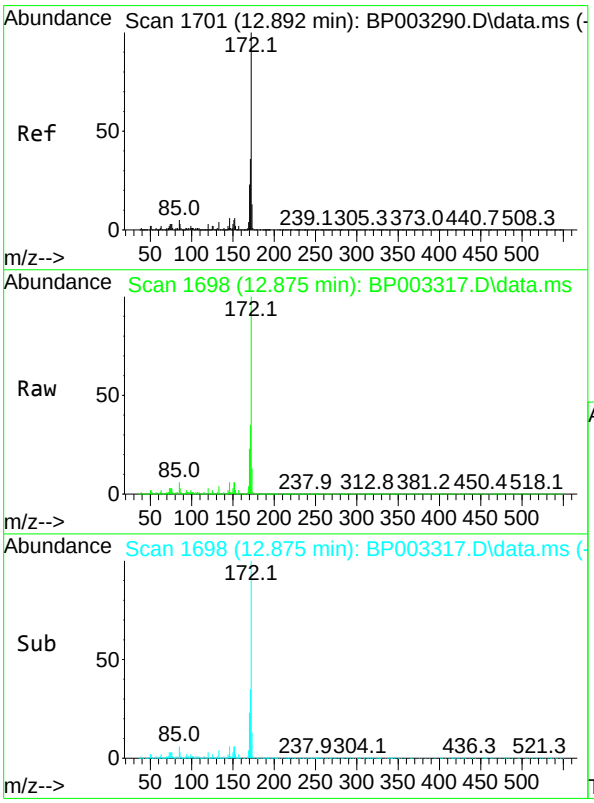


#42
2,4,6-Tribromophenol
Concen: 36.97 ng
RT: 15.757 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:330 Resp: 232277

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	32.9	23.4	35.2

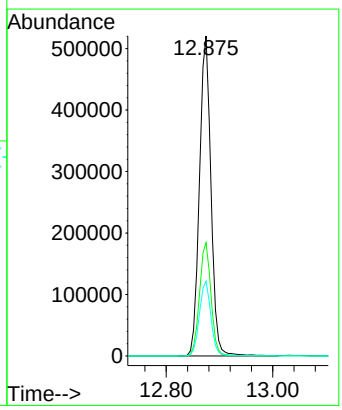




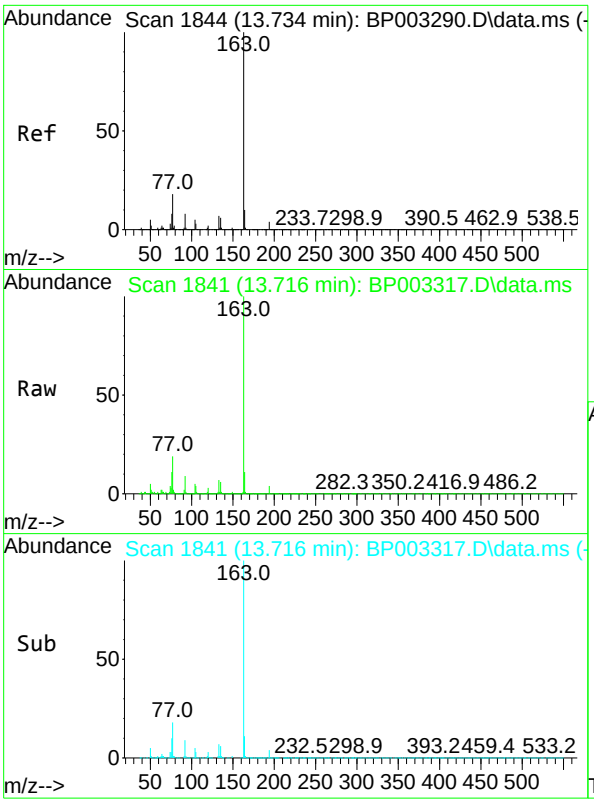
#45
2-Fluorobiphenyl
Concen: 27.68 ng
RT: 12.875 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:172 Resp: 779493

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.4	19.2	28.8



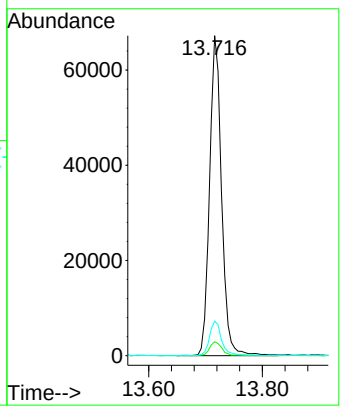
Instrument :
BNA_P
ClientSampleId :
VNJ-229DL

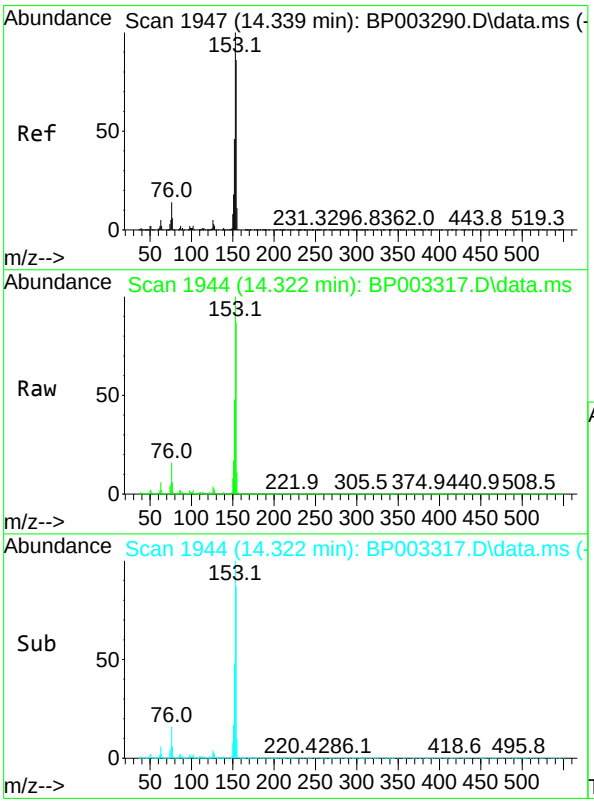


#50
Dimethylphthalate
Concen: 2.98 ng
RT: 13.716 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:163 Resp: 98036

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.8	8.2	12.2

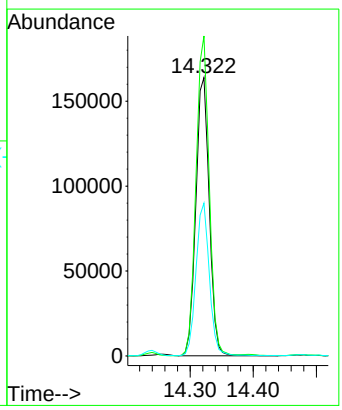




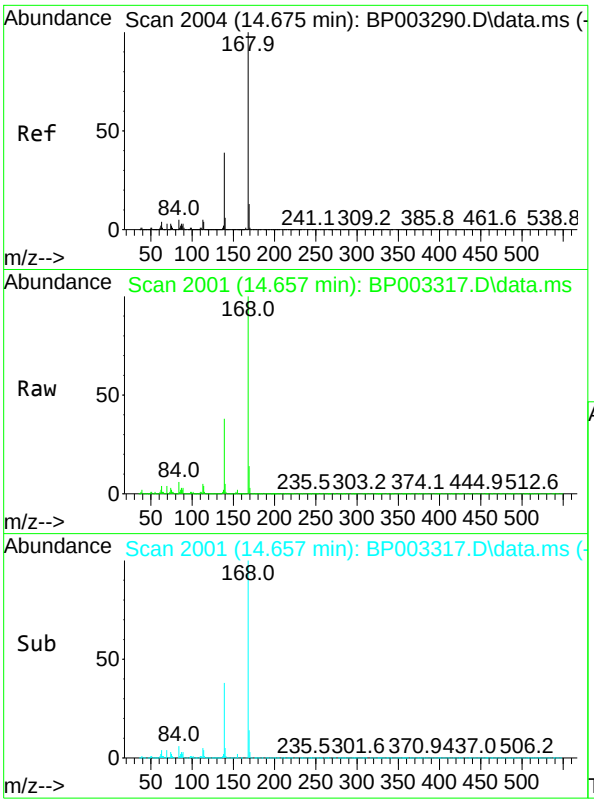
#52
Acenaphthene
Concen: 10.18 ng
RT: 14.322 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:154 Resp: 240891

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.0	136.6
152	54.9	43.0	64.6



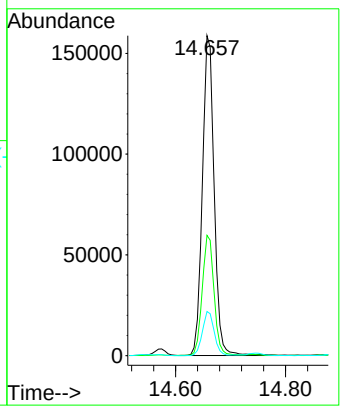
Instrument :
BNA_P
ClientSampleId :
VNJ-229DL

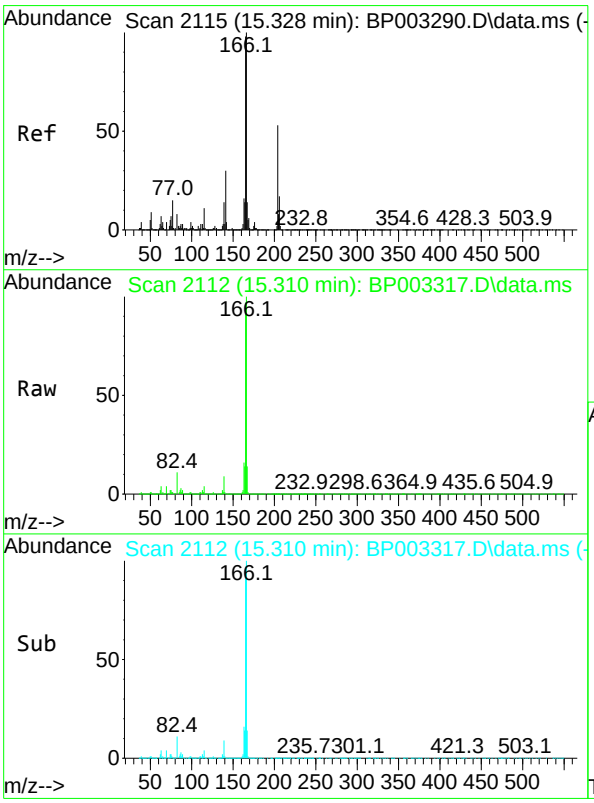


#55
Dibenzofuran
Concen: 6.25 ng
RT: 14.657 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:168 Resp: 236050

Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.1	43.7
169	13.8	10.4	15.6

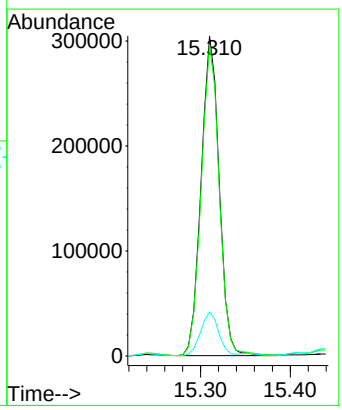


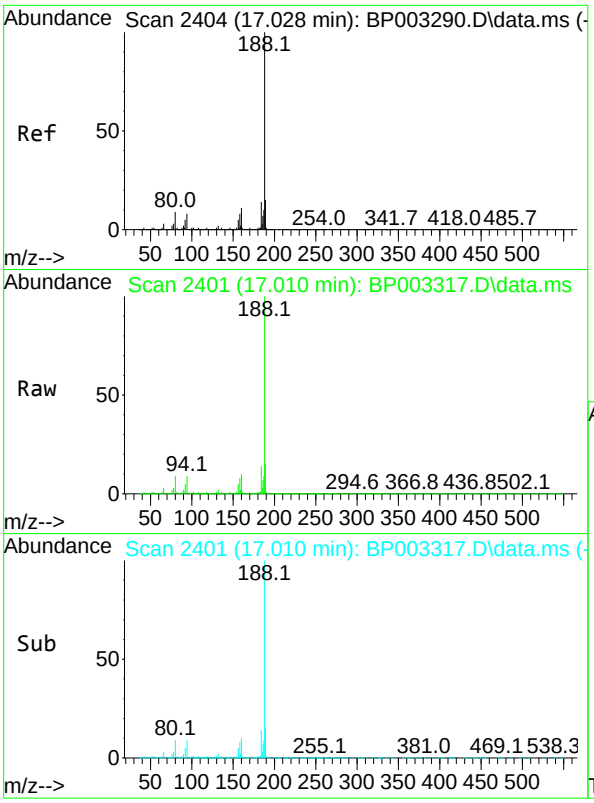


#58
Fluorene
Concen: 14.27 ng
RT: 15.310 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:166 Resp: 425432

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.8
167	13.7	11.0	16.4

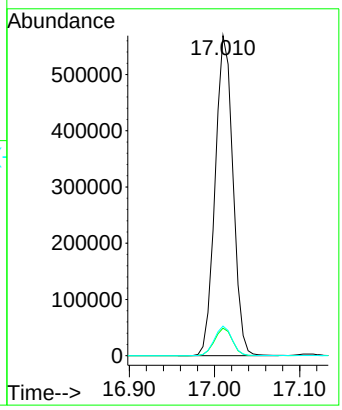




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.010 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:188 Resp: 825088

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.2	9.2
80	9.2	6.2	9.2#



Instrument :
BNA_P
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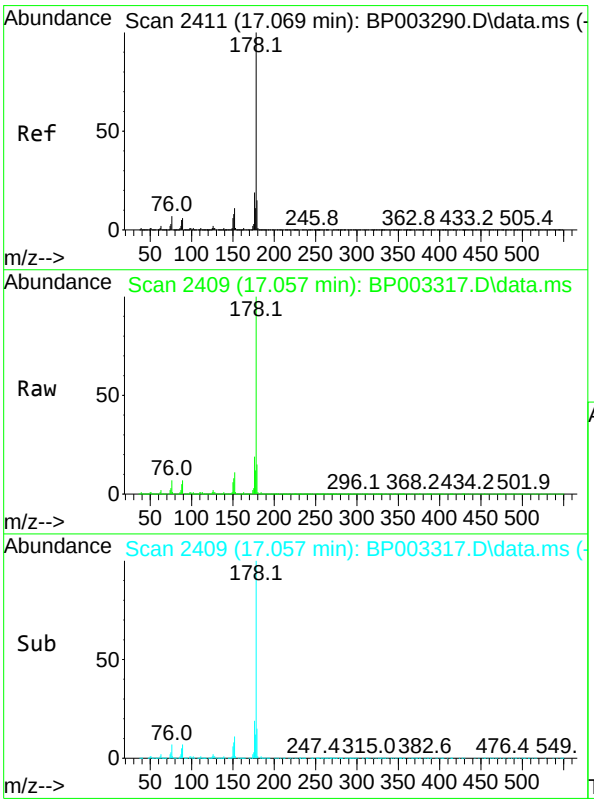
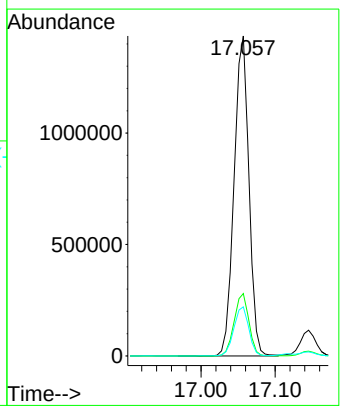
VNJ-229DL



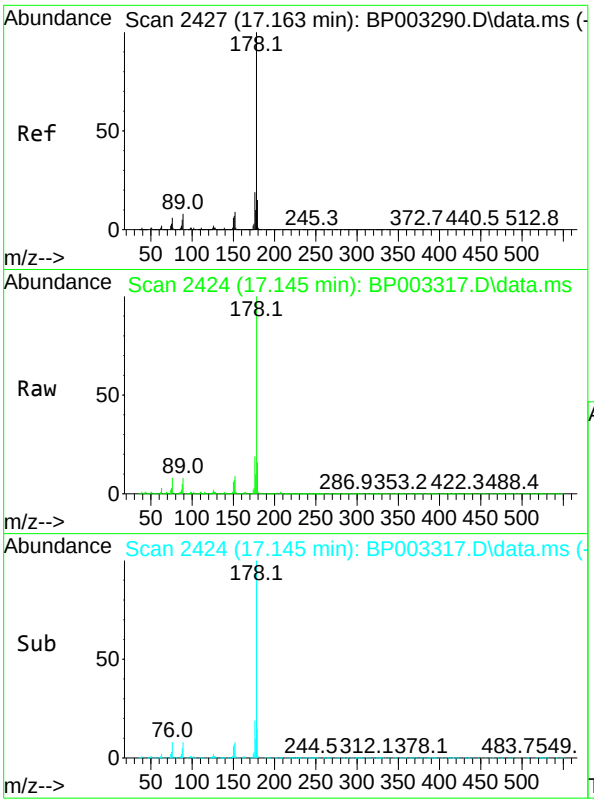
#71
Phenanthrene
Concen: 44.40 ng
RT: 17.057 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:178 Resp: 1993132

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.3	12.5	18.7



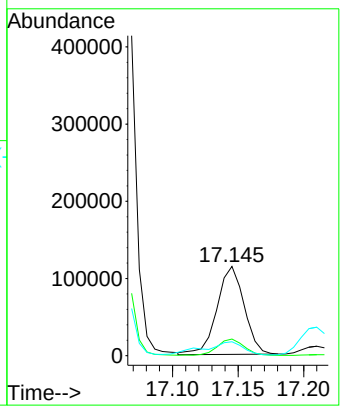
Instrument :
BNA_P
ClientSampleId :
VNJ-229DL

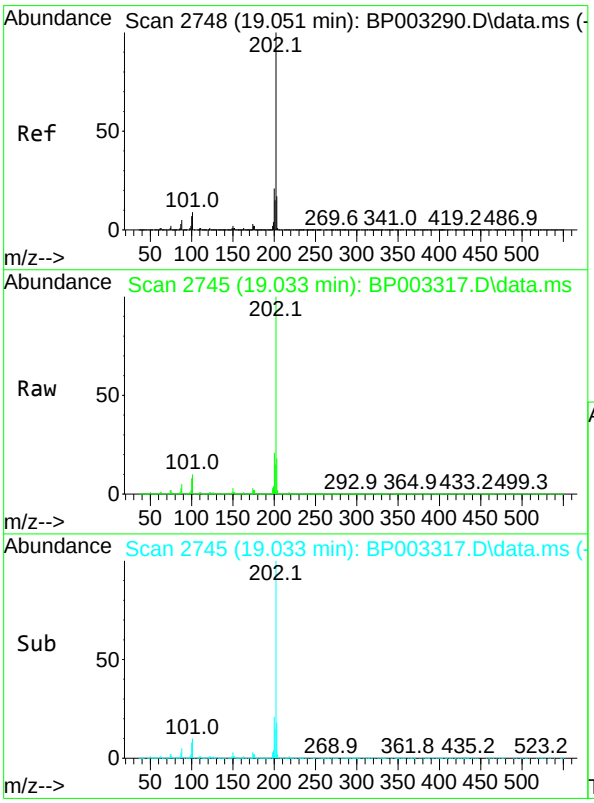


#72
Anthracene
Concen: 3.72 ng
RT: 17.145 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:178 Resp: 164389

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.5	18.7

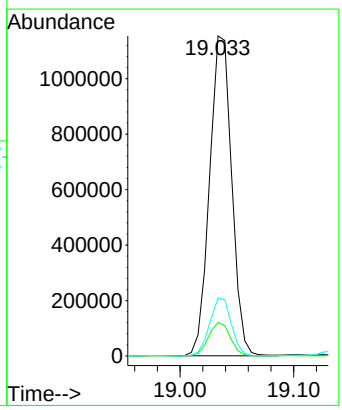




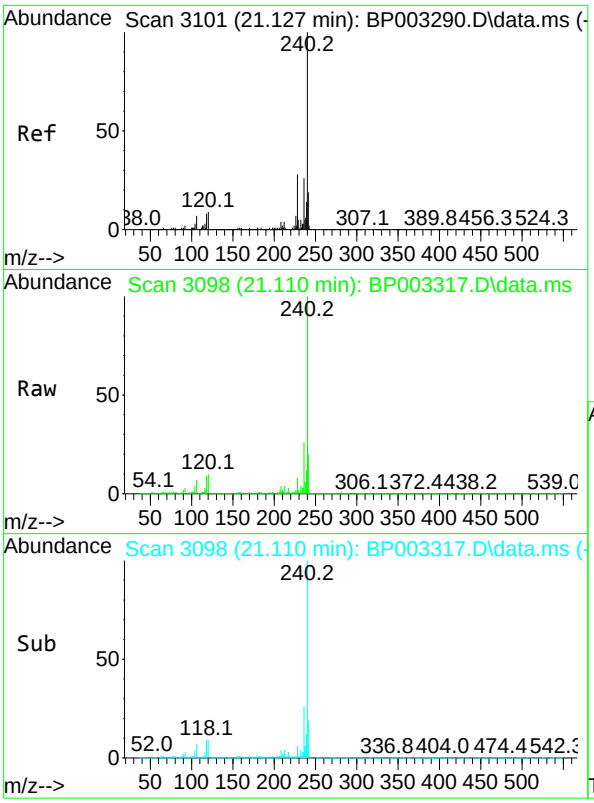
#75
Fluoranthene
Concen: 27.76 ng
RT: 19.033 min Scan# 2745
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:202 Resp: 1566881

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	29.4
203	18.2	0.0	37.8



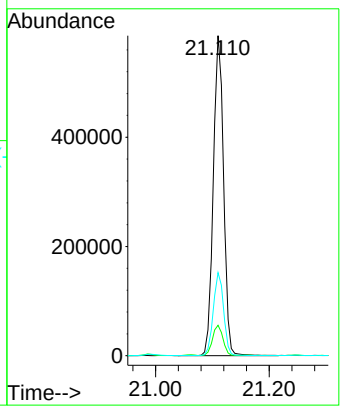
Instrument :
BNA_P
ClientSampleId :
VNJ-229DL

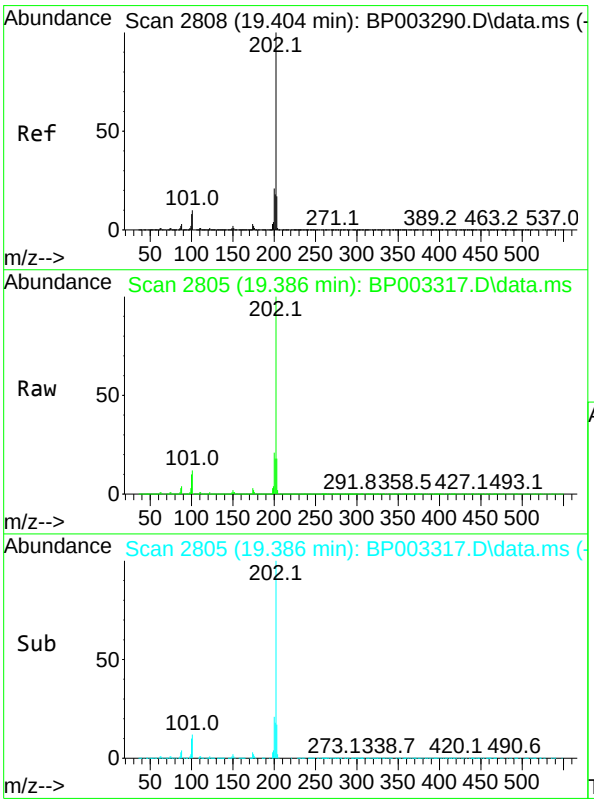


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.110 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:240 Resp: 733466

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.8	11.6
236	25.9	20.8	31.2

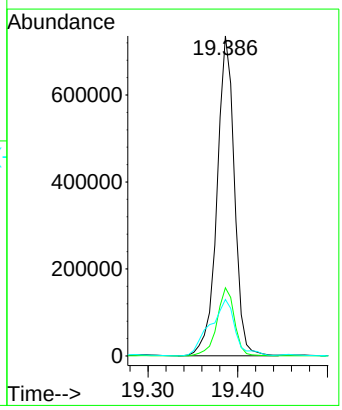




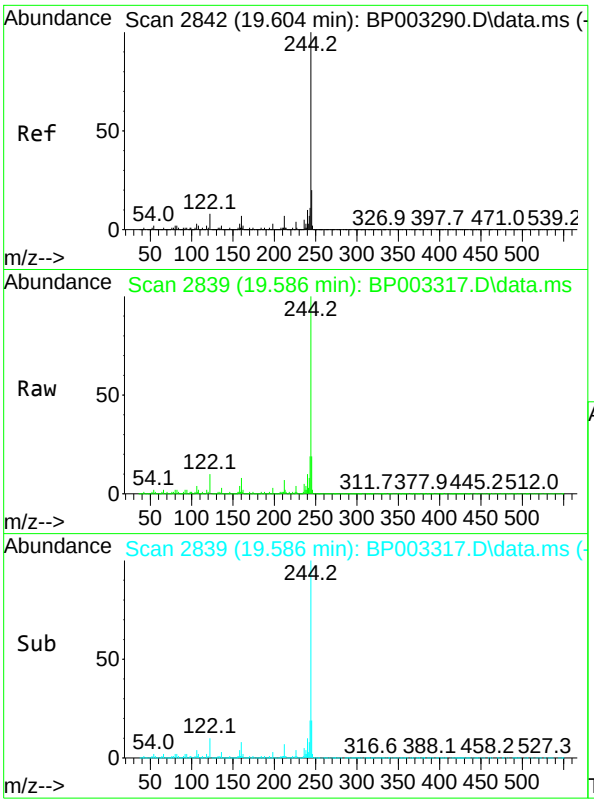
#78
Pyrene
Concen: 21.65 ng
RT: 19.386 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:202 Resp: 990494

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.7	14.2	21.2



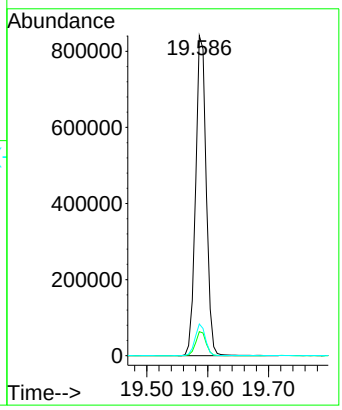
Instrument :
BNA_P
ClientSampleId :
VNJ-229DL

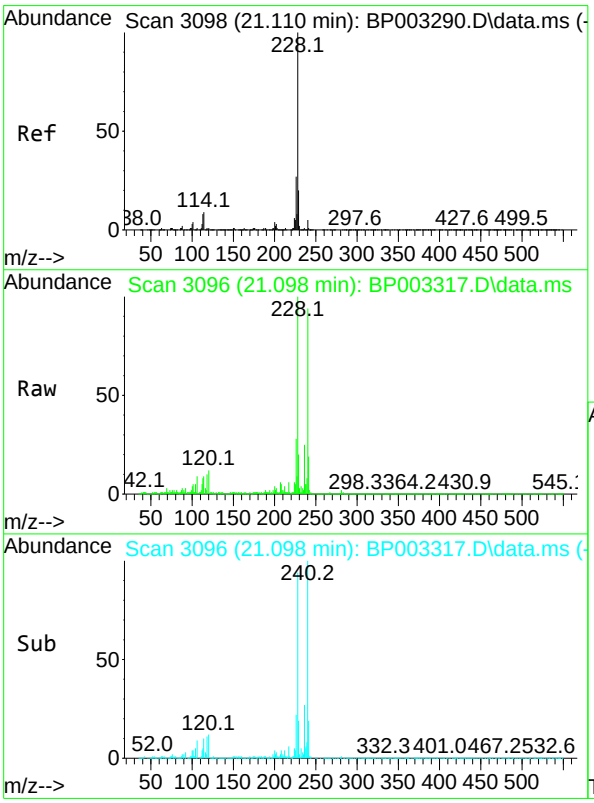


#79
Terphenyl-d14
Concen: 28.72 ng
RT: 19.586 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:244 Resp: 1010870

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.9	7.8	11.8

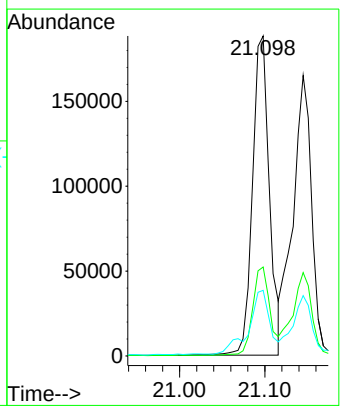




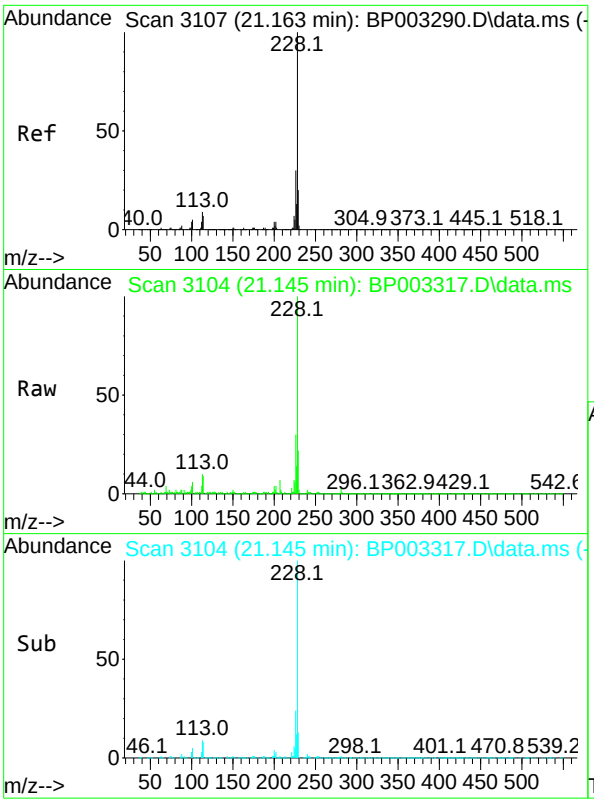
#81
Benzo(a)anthracene
Concen: 5.45 ng
RT: 21.098 min Scan# 3096
Delta R.T. 0.000 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:228 Resp: 258405

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.5	15.9	23.9



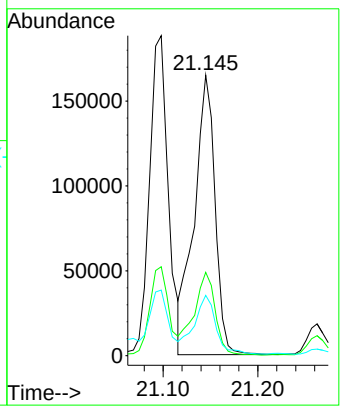
Instrument :
BNA_P
ClientSampleId :
VNJ-229DL

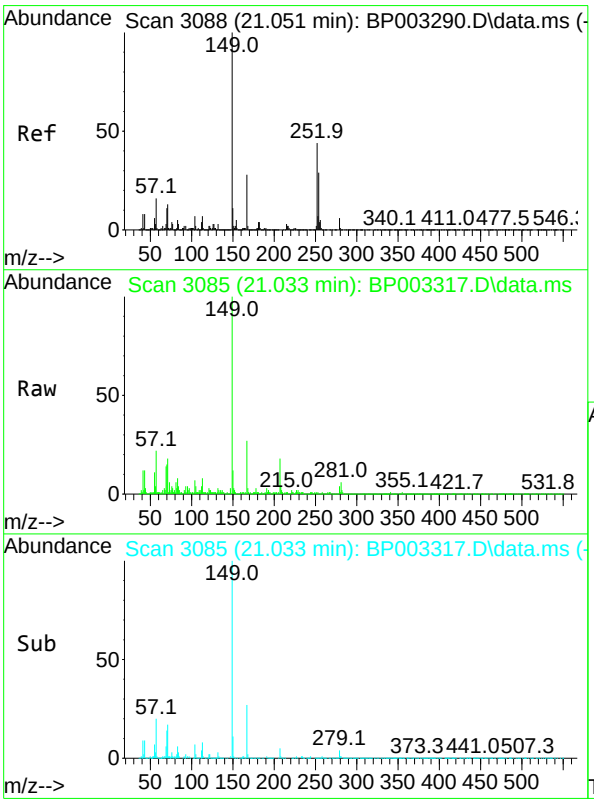


#83
Chrysene
Concen: 5.56 ng
RT: 21.145 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:228 Resp: 253353

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	21.5	15.8	23.6

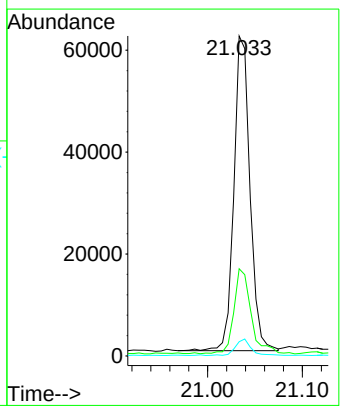


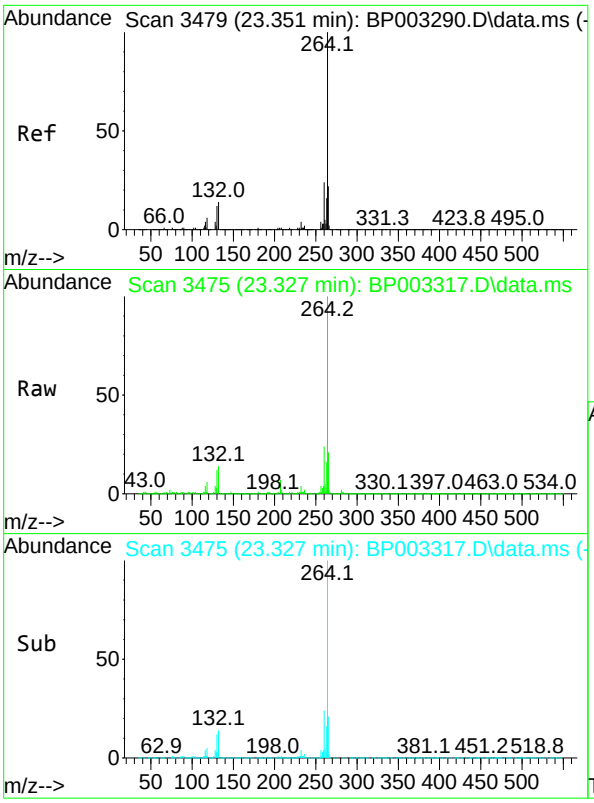


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.47 ng
RT: 21.033 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:149 Resp: 72741

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.6	34.0
279	4.4	4.2	6.2

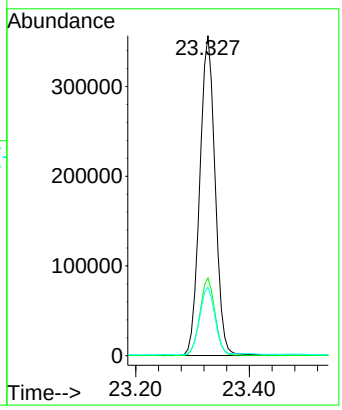




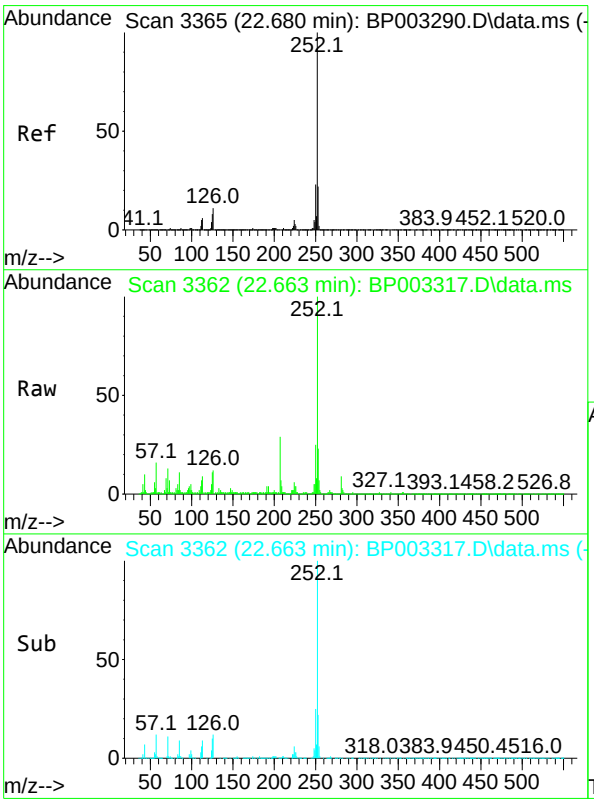
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.327 min Scan# 3475
Delta R.T. 0.000 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:264 Resp: 668823

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.4	17.4	26.2



Instrument :
BNA_P
ClientSampleId :
VNJ-229DL



#88
Benzo(b)fluoranthene
Concen: 3.95 ng
RT: 22.663 min Scan# 3362
Delta R.T. 0.000 min
Lab File: BP003317.D
Acq: 17 Sep 2020 17:26

Tgt Ion:252 Resp: 166742

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	10.8	7.3	10.9