

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
 Data File : BP006194.D
 Acq On : 12 Jul 2021 22:29
 Operator : CG/JU
 Sample : M2998-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-231

Quant Time: Jul 13 04:18:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

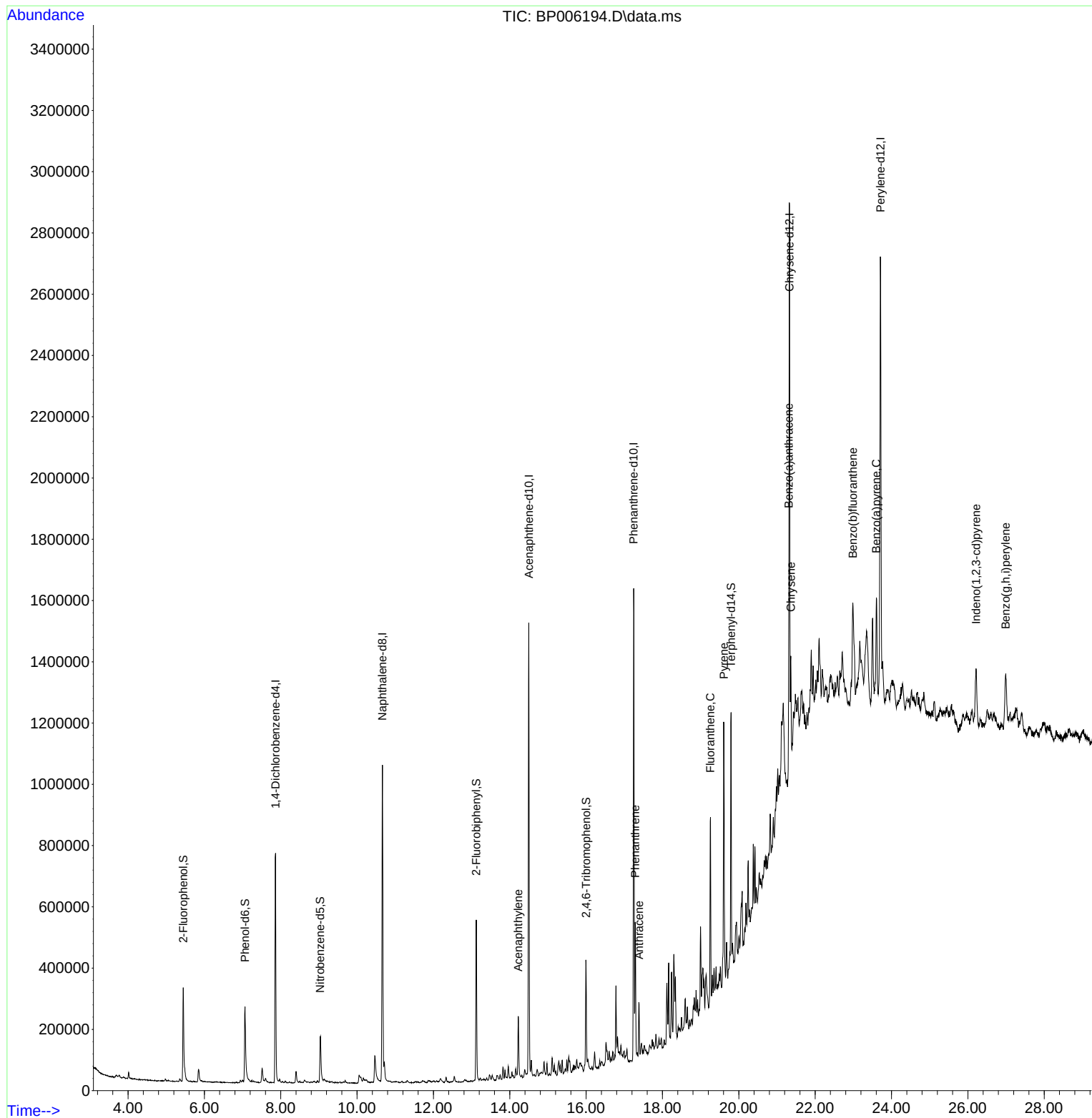
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	234371	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	937961	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	492862	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	898152	20.000	ng	# 0.00
76) Chrysene-d12	21.327	240	798653	20.000	ng	# 0.00
86) Perylene-d12	23.710	264	941963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	180856	13.278	ng	0.00
7) Phenol-d6	7.063	99	209696	11.639	ng	0.02
23) Nitrobenzene-d5	9.034	82	116293	7.832	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	68901	11.742	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	278878	8.365	ng	0.00
79) Terphenyl-d14	19.798	244	348196	8.596	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.222	152	152613	3.330	ng	99
71) Phenanthrene	17.286	178	260381	5.133	ng	97
72) Anthracene	17.386	178	121369	2.442	ng	98
75) Fluoranthene	19.257	202	313014	5.630	ng	96
78) Pyrene	19.610	202	496420	9.196	ng	99
81) Benzo(a)anthracene	21.310	228	208902	4.136	ng	# 90
83) Chrysene	21.363	228	216583	4.339	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.215	276	183757	2.646	ng	# 92
88) Benzo(b)fluoranthene	22.986	252	272946	4.777	ng	# 87
90) Benzo(a)pyrene	23.604	252	251354	4.688	ng	# 89
92) Benzo(g,h,i)perylene	26.992	276	220336	3.744	ng	# 89

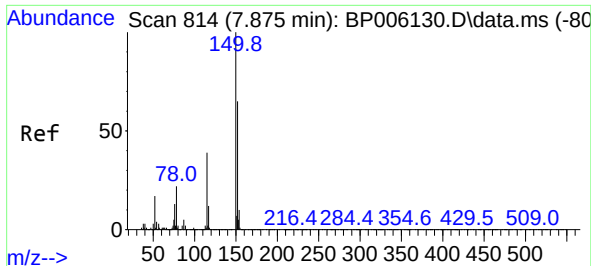
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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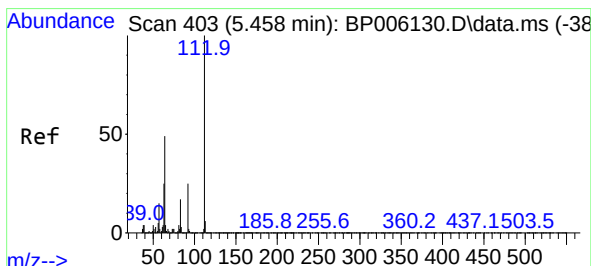
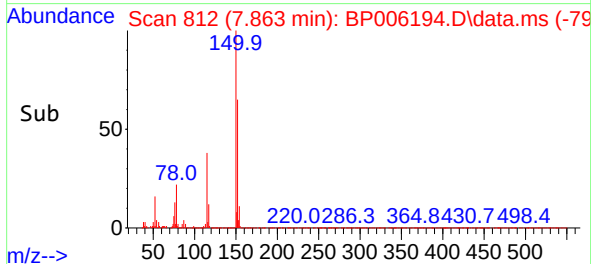
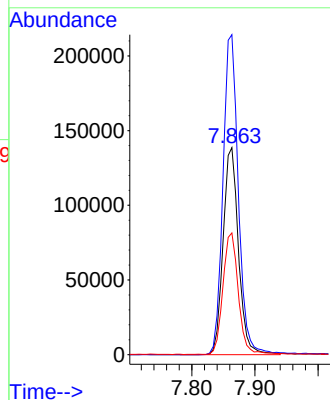
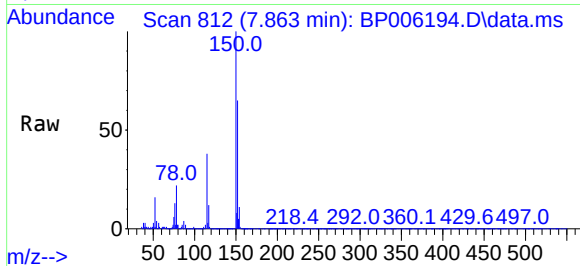




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

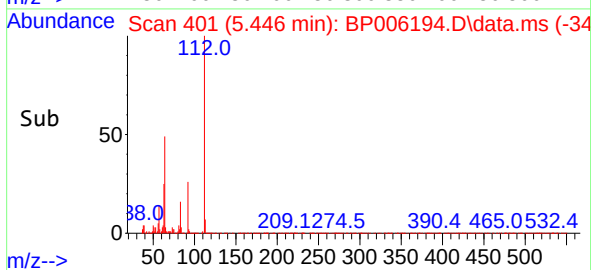
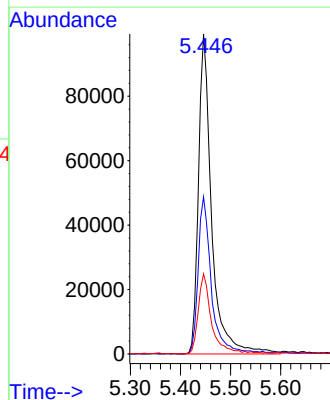
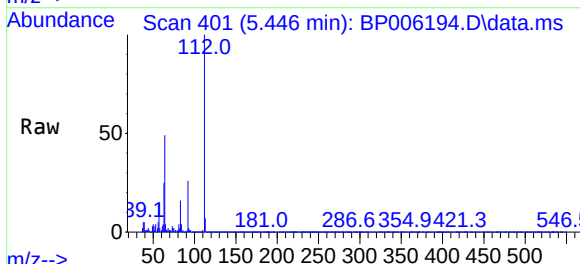
Instrument :
BNA_P
ClientSampleId :
VNJ-231

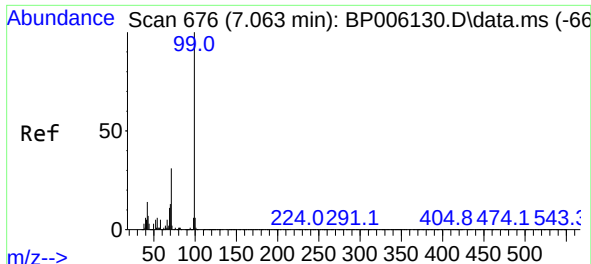
Tgt Ion:152 Resp: 234371
Ion Ratio Lower Upper
152 100
150 154.5 125.6 188.4
115 58.8 48.5 72.7



#5
2-Fluorophenol
Concen: 13.278 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

Tgt Ion:112 Resp: 180856
Ion Ratio Lower Upper
112 100
64 49.1 41.4 62.2
63 25.0 23.8 35.8



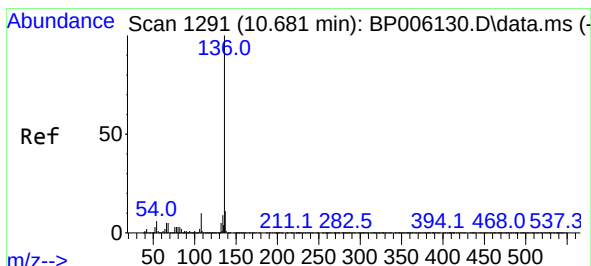
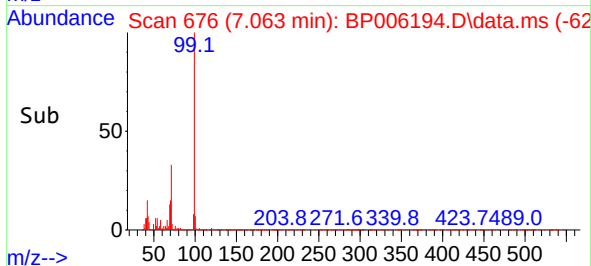
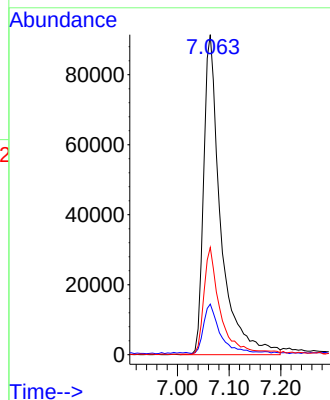
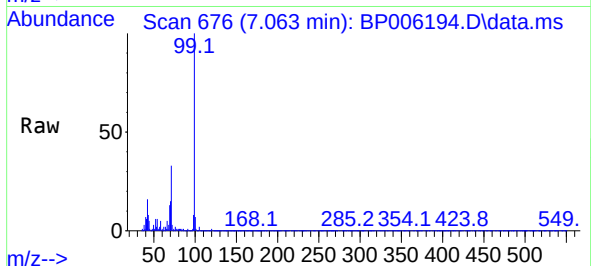


#7
Phenol-d6
Concen: 11.639 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.018 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion: 99 Resp: 209696

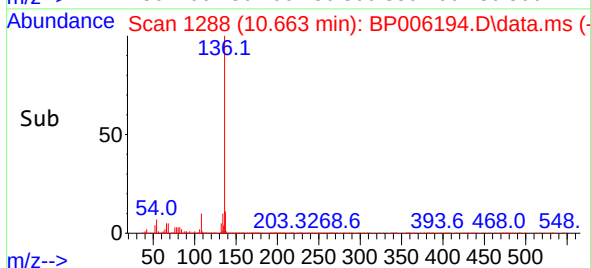
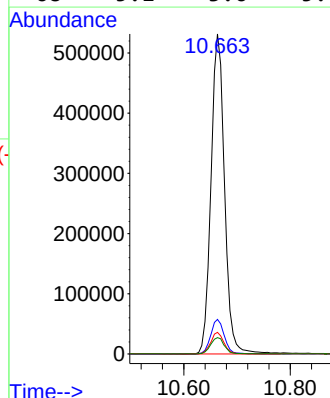
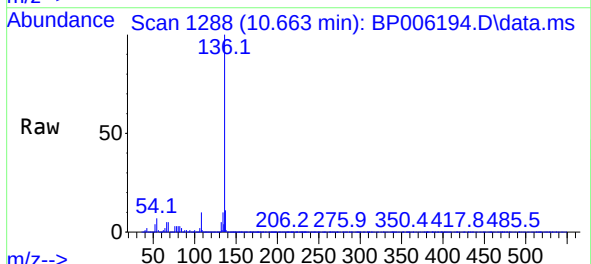
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.4	20.0
71	33.5	30.6	46.0

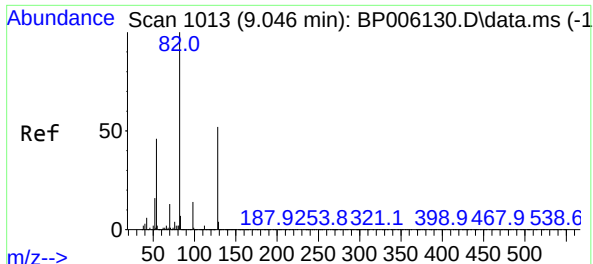


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

Tgt Ion: 136 Resp: 937961

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.8	4.6	6.8
68	5.1	3.6	5.4



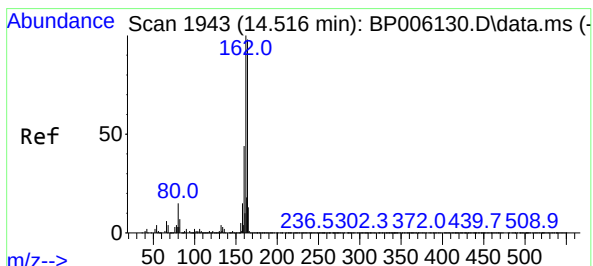
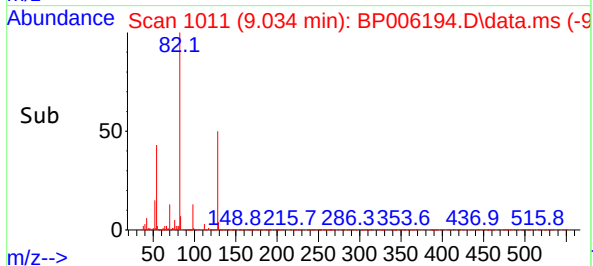
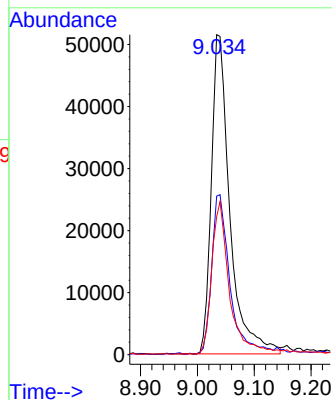
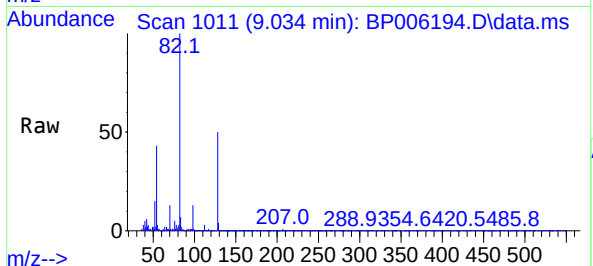


#23
Nitrobenzene-d5
Concen: 7.832 ng
RT: 9.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion: 82 Resp: 116293

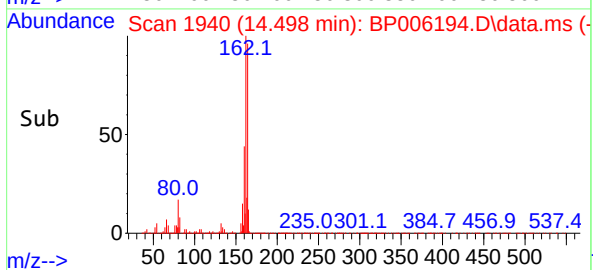
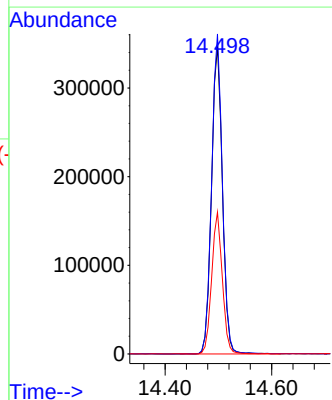
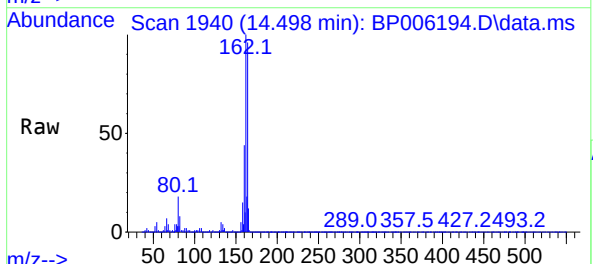
Ion	Ratio	Lower	Upper
82	100		
128	49.6	35.7	53.5
54	43.1	35.0	52.4

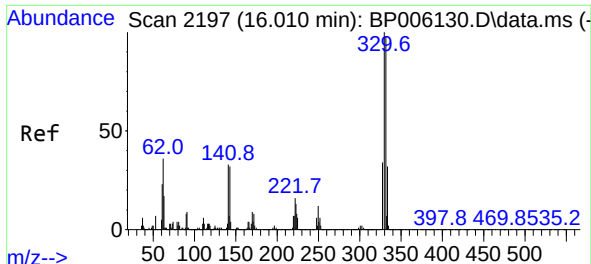


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

Tgt Ion: 164 Resp: 492862

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.2	120.2
160	46.1	34.5	51.7

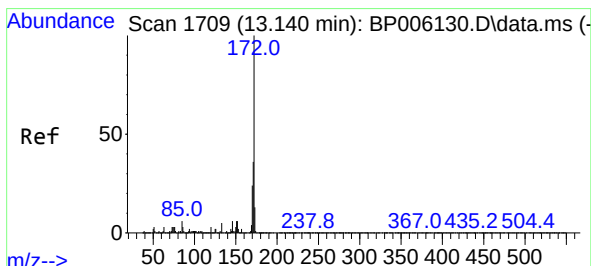
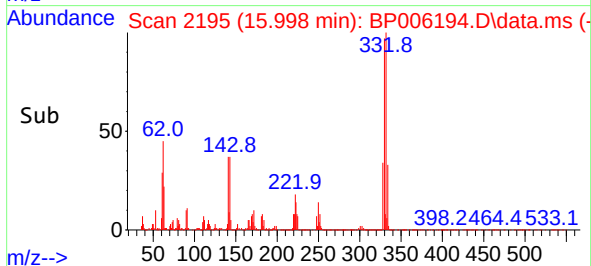
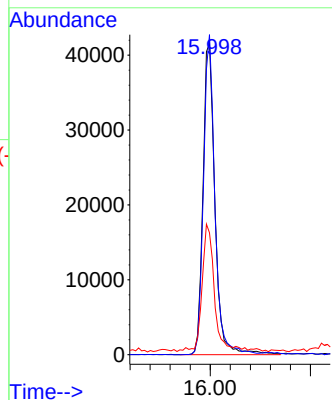
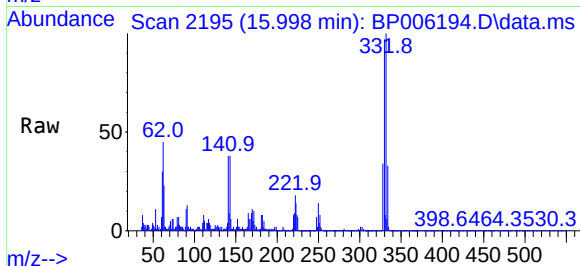




#42
2,4,6-Tribromophenol
Concen: 11.742 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

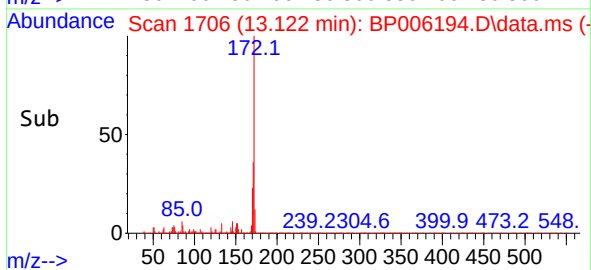
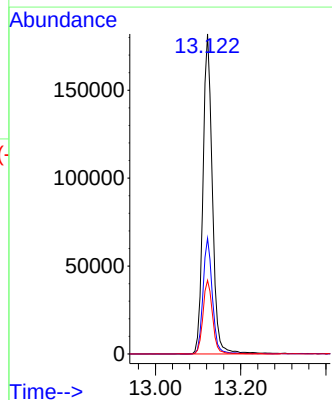
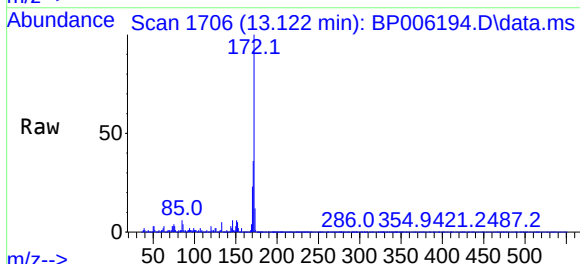
Instrument :
BNA_P
ClientSampleId :
VNJ-231

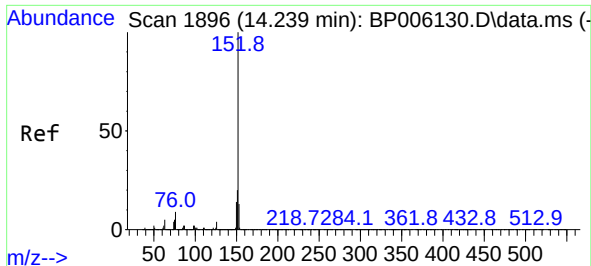
Tgt Ion:330 Resp: 68901
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 39.7 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 8.365 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

Tgt Ion:172 Resp: 278878
Ion Ratio Lower Upper
172 100
171 36.2 27.9 41.9
170 23.0 18.6 27.8

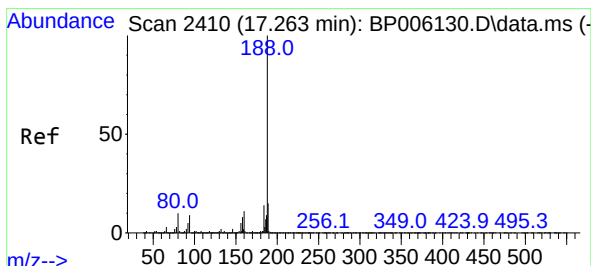
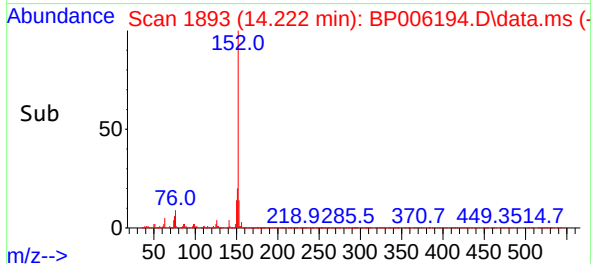
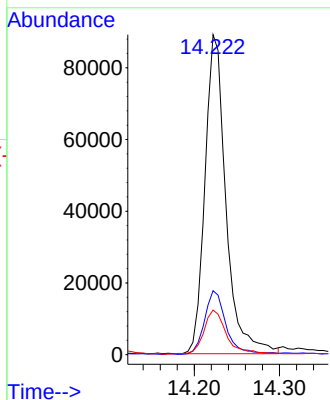
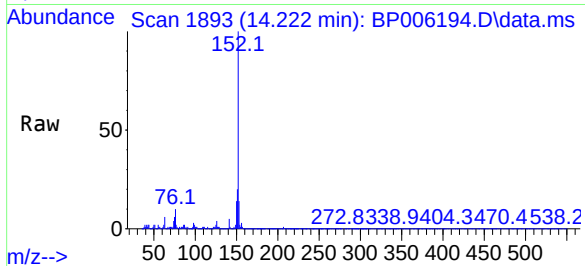




#49
Acenaphthylene
Concen: 3.330 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

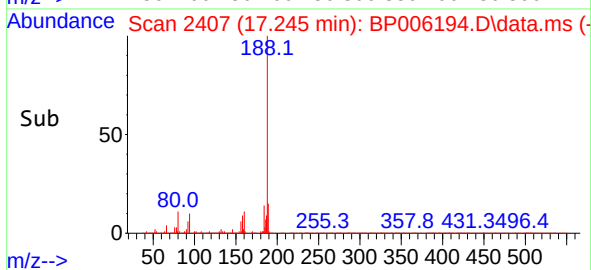
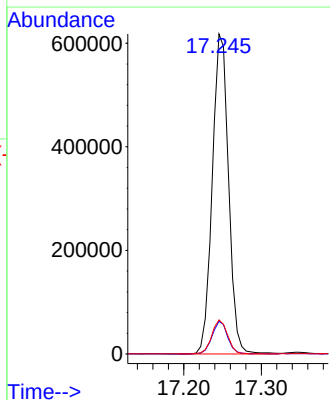
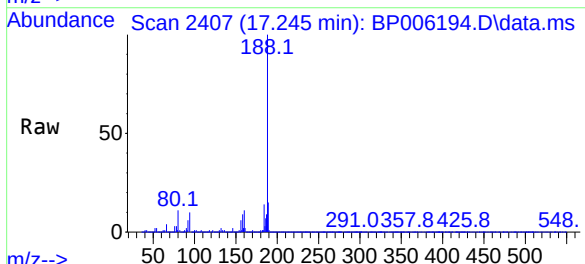
Instrument :
BNA_P
ClientSampleId :
VNJ-231

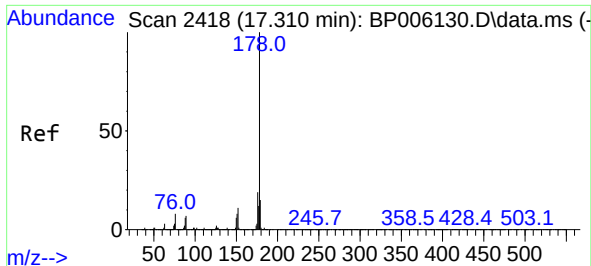
Tgt Ion:152 Resp: 152613
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.9 10.6 16.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

Tgt Ion:188 Resp: 898152
Ion Ratio Lower Upper
188 100
94 10.2 5.6 8.4#
80 10.6 6.3 9.5#

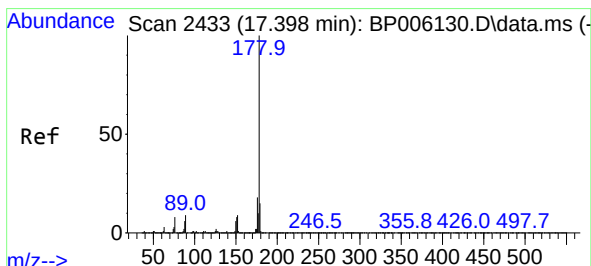
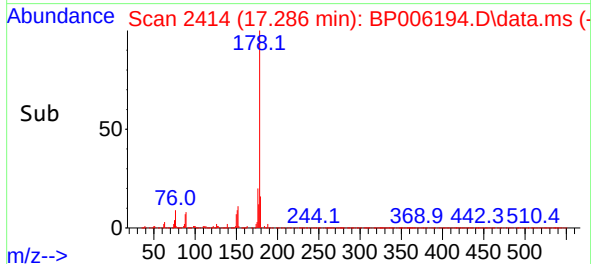
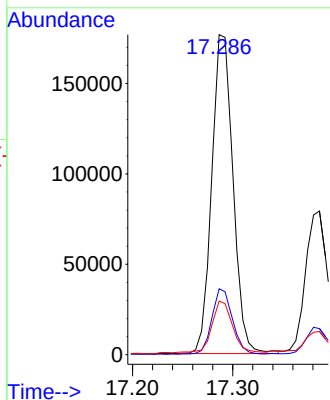
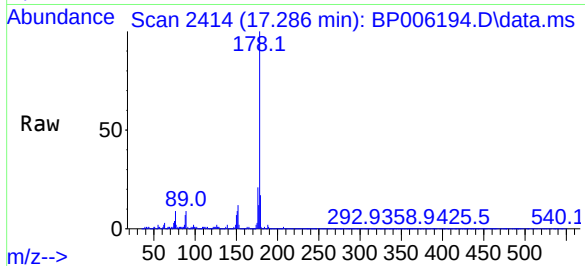




#71
Phenanthrene
Concen: 5.133 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

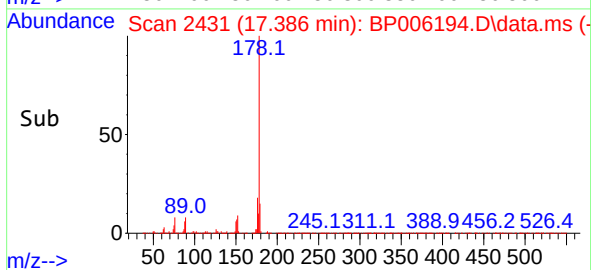
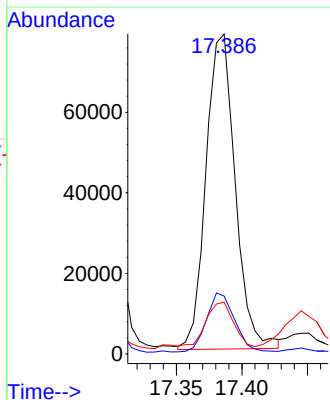
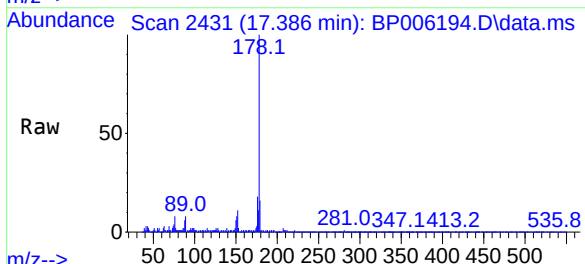
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VNJ-231

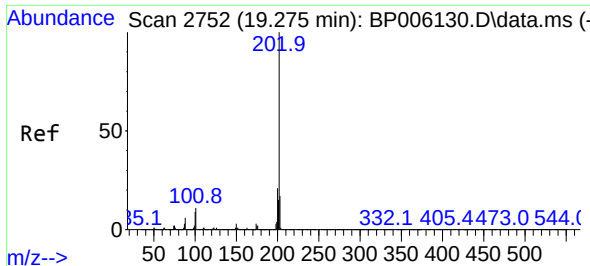
Tgt Ion:178 Resp: 260381
Ion Ratio Lower Upper
178 100
176 20.6 15.1 22.7
179 16.8 12.4 18.6



#72
Anthracene
Concen: 2.442 ng
RT: 17.386 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

Tgt Ion:178 Resp: 121369
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 16.2 12.2 18.2

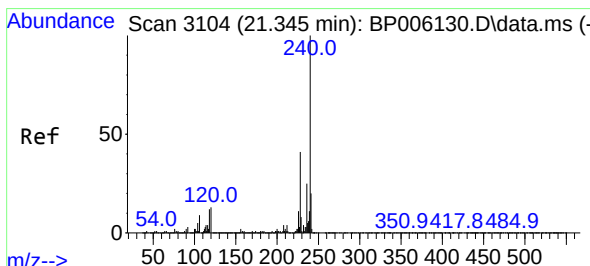
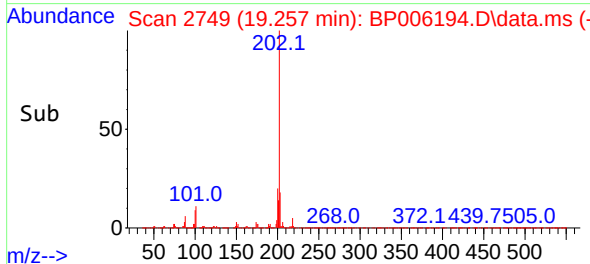
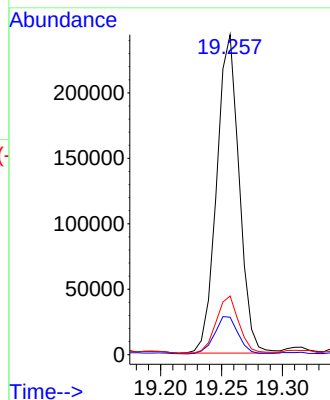
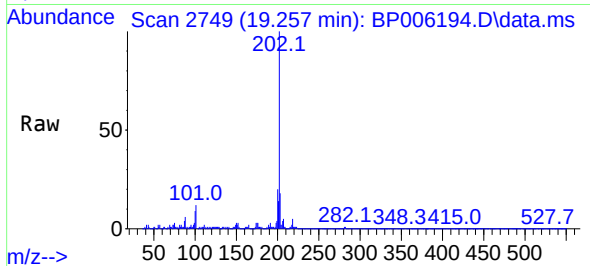




#75
Fluoranthene
Concen: 5.630 ng
RT: 19.257 min Scan# 2749
Delta R.T. 0.000 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

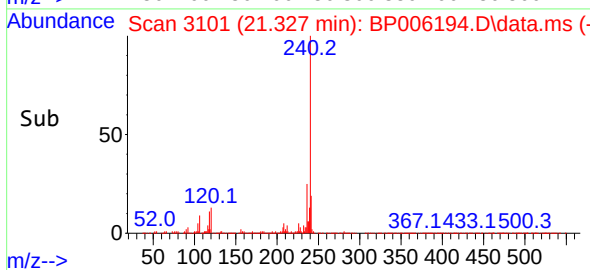
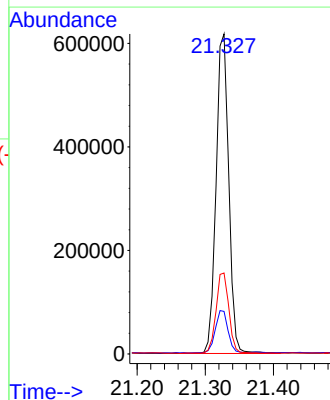
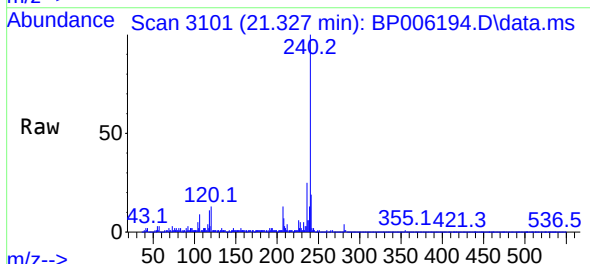
Instrument :
BNA_P
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VNJ-231

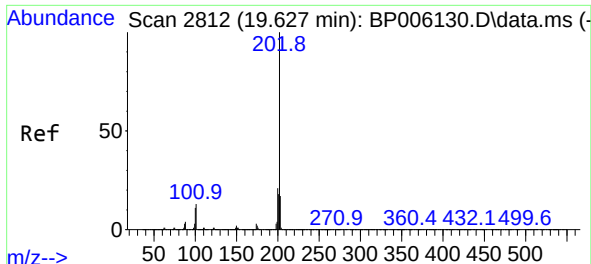
Tgt Ion:	202	Resp:	313014
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	27.6
203	18.4	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

Tgt Ion:	240	Resp:	798653
Ion	Ratio	Lower	Upper
240	100		
120	13.3	6.5	9.7#
236	25.3	20.6	31.0

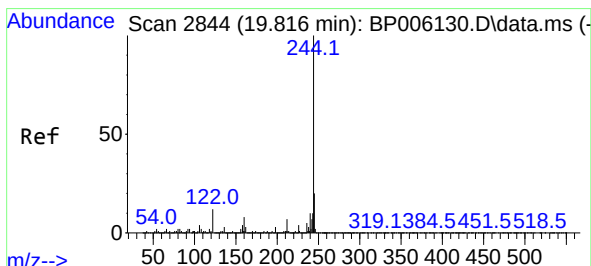
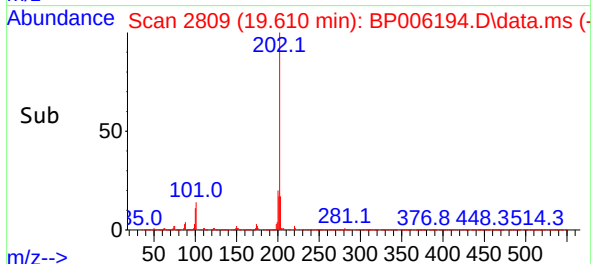
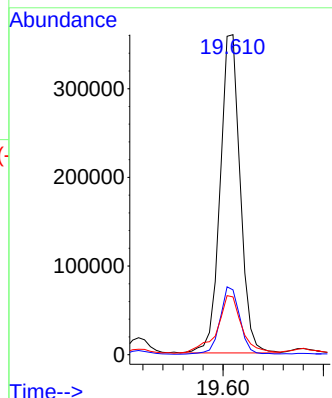
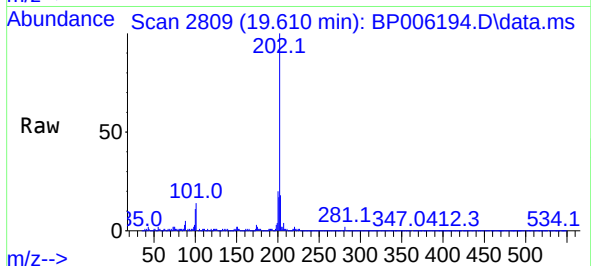




#78
Pyrene
Concen: 9.196 ng
RT: 19.610 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

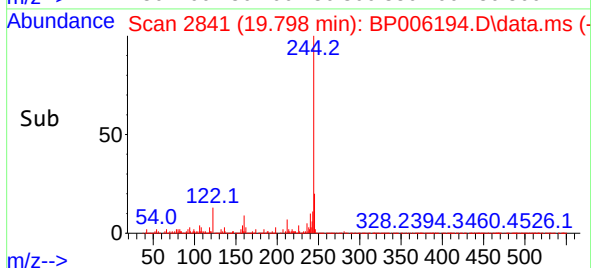
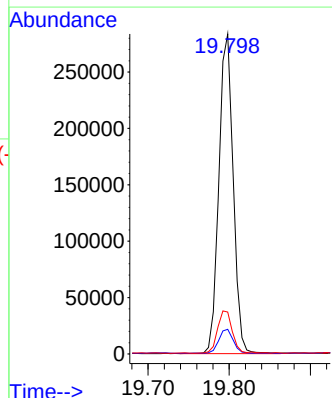
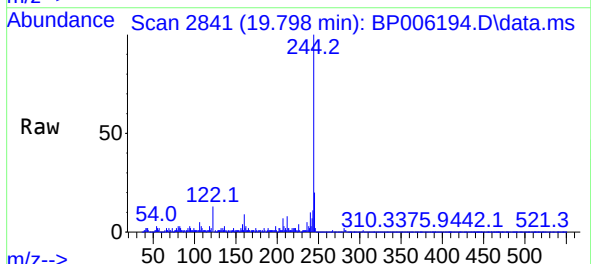
Instrument :
BNA_P
ClientSampleId :
VNJ-231

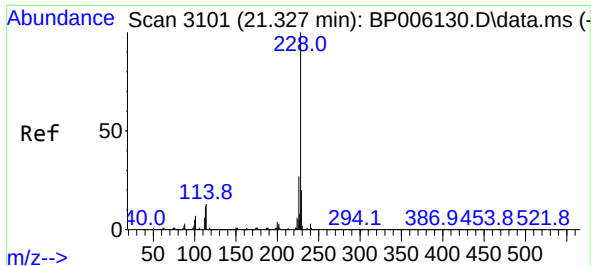
Tgt Ion:202	Resp:	496420
Ion Ratio	Lower	Upper
202	100	
200	20.3	16.3 24.5
203	18.1	14.2 21.2



#79
Terphenyl-d14
Concen: 8.596 ng
RT: 19.798 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

Tgt Ion:244	Resp:	348196
Ion Ratio	Lower	Upper
244	100	
212	7.7	6.0 9.0
122	13.1	7.1 10.7#

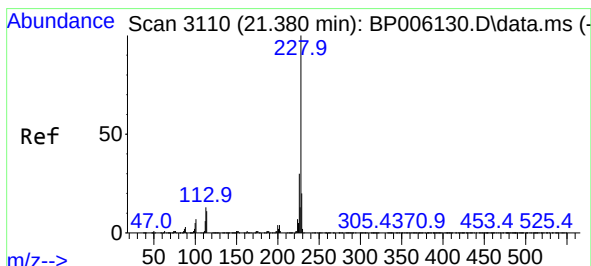
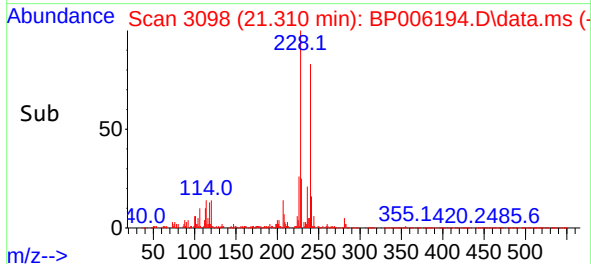
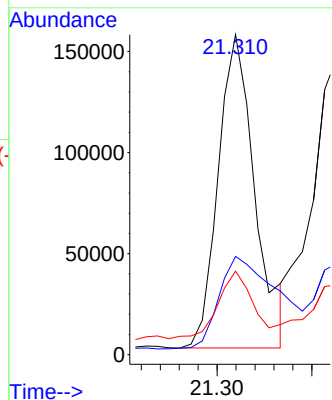
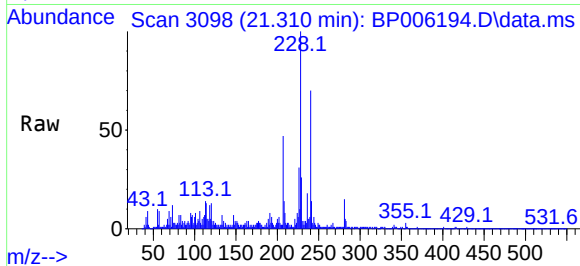




#81
Benzo(a)anthracene
Concen: 4.136 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.005 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

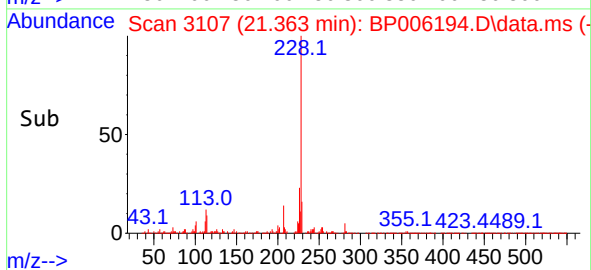
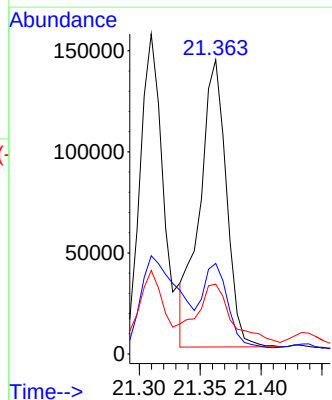
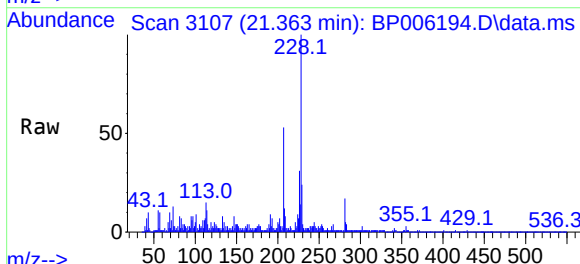
Instrument :
BNA_P
ClientSampleId :
VNJ-231

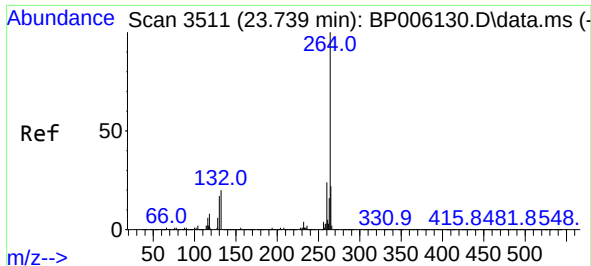
Tgt Ion:228 Resp: 208902
Ion Ratio Lower Upper
228 100
226 30.7 21.6 32.4
229 26.1 15.8 23.6#



#83
Chrysene
Concen: 4.339 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

Tgt Ion:228 Resp: 216583
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.6
229 23.7 15.4 23.2#

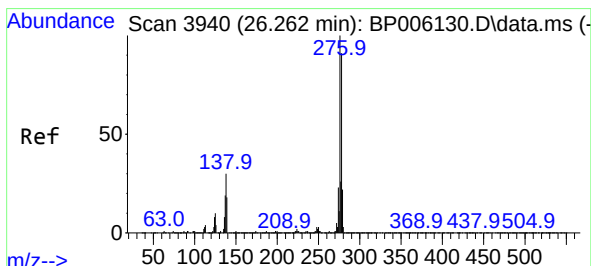
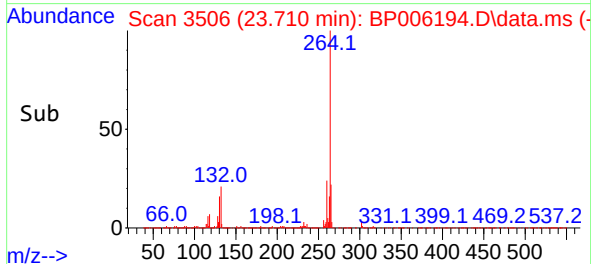
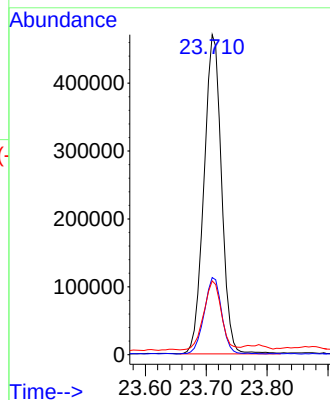
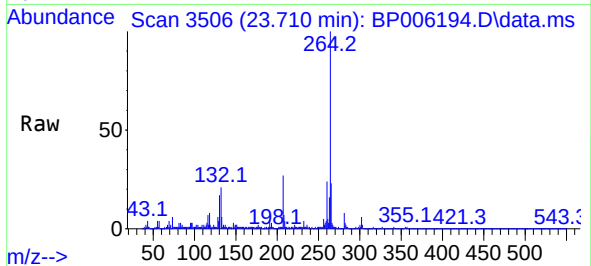




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3506
Delta R.T. -0.006 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

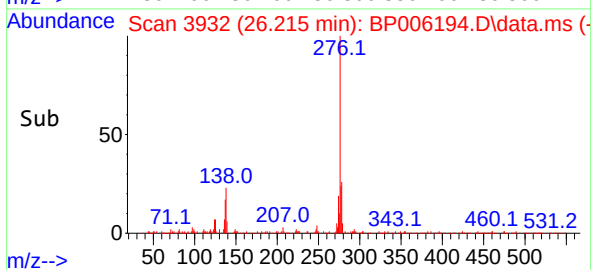
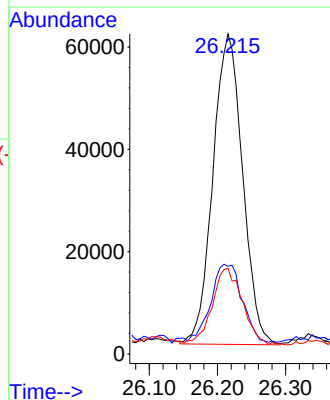
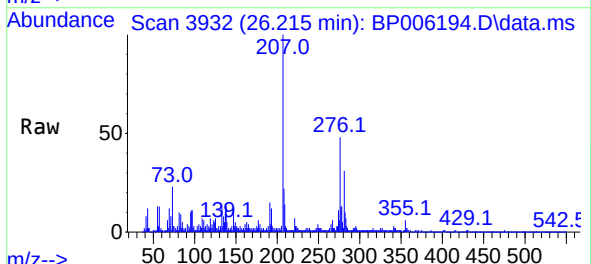
Instrument :
BNA_P
ClientSampled :
VNJ-231

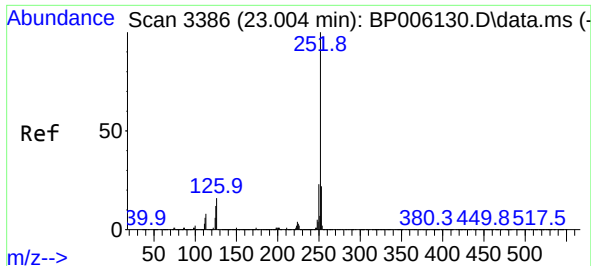
Tgt Ion:264 Resp: 941963
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 23.1 17.6 26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.646 ng
RT: 26.215 min Scan# 3932
Delta R.T. -0.017 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

Tgt Ion:276 Resp: 183757
Ion Ratio Lower Upper
276 100
138 26.9 15.3 22.9#
277 25.3 20.4 30.6

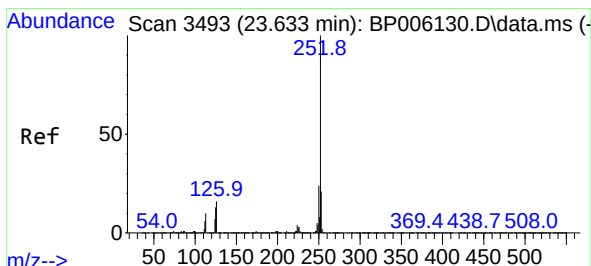
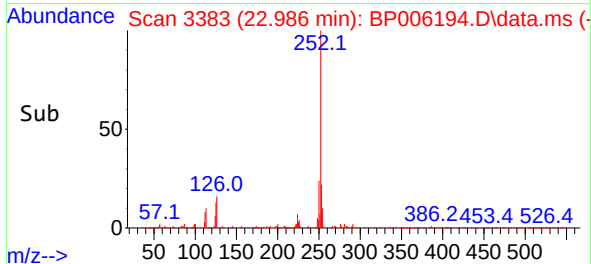
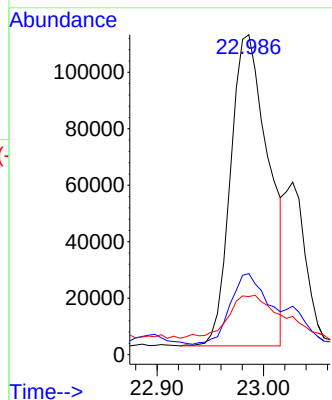
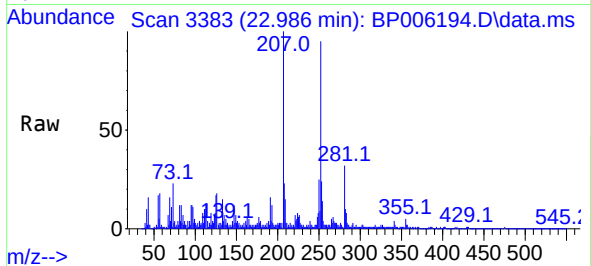




#88
Benzo(b)fluoranthene
Concen: 4.777 ng
RT: 22.986 min Scan# 3383
Delta R.T. 0.000 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

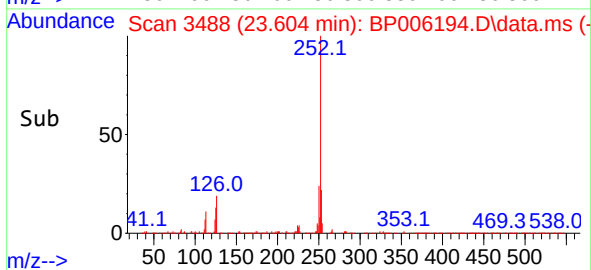
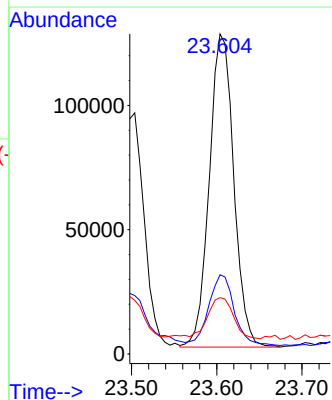
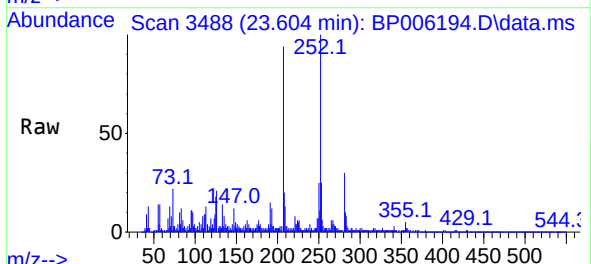
Instrument :
BNA_P
ClientSampleId :
VNJ-231

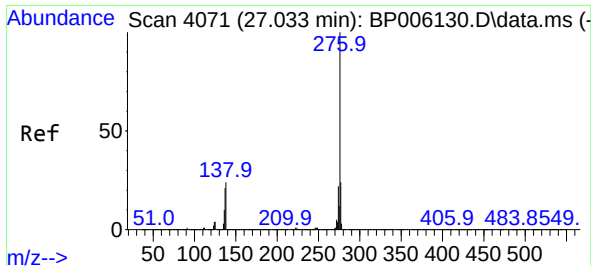
Tgt Ion:252 Resp: 272946
Ion Ratio Lower Upper
252 100
253 25.4 17.5 26.3
125 18.1 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 4.688 ng
RT: 23.604 min Scan# 3488
Delta R.T. -0.006 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

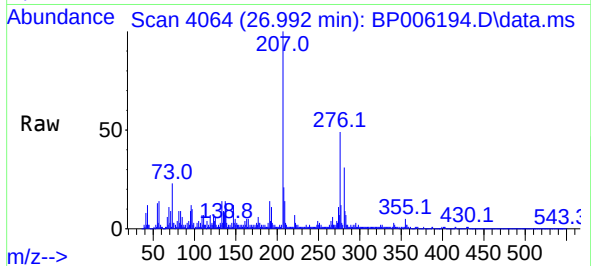
Tgt Ion:252 Resp: 251354
Ion Ratio Lower Upper
252 100
253 24.8 17.9 26.9
125 17.6 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 3.744 ng
RT: 26.992 min Scan# 4064
Delta R.T. -0.011 min
Lab File: BP006194.D
Acq: 12 Jul 2021 22:29

Instrument :
BNA_P
ClientSampleId :
VNJ-231



Tgt Ion:	276	Resp:	220336
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	27.3	12.6	18.8#

